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Private Equity Investment in the Global Clean Economy

2022

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About the research

The **CleanBridge Private Equity Investment in the Global Clean Economy** report provides an insight into Global Private Equity Investment in the global clean economy. The findings of the report are based on primary and secondary research conducted by CleanBridge and its research partner Alchemy Research and Analytics.

The report provides an overview of the global private equity investment market focusing on global and regional trends around capital raising, investment activity, exit markets, and available dry powder for further investment. It also explores the role of private equity investment in the global clean economy and analyses the trends in private investment in renewable energy over the years.

Major private equity GPs who have invested in renewable energy, or the broader clean economy have been profiled in the later part of the report. Data on the private equity industry has been sourced from established industry sources such as Preqin, Bain & Company, Bloomberg NEF and others. Information on private equity GPs has been primarily sourced from Pitchbook and the companies' corporate materials. This has been supplemented by news articles and reports from industry associations, trade journals and national statistical agencies.

The report is an outcome of a collaboration between CleanBridge and its research partner Alchemy Research and Analytics and was completed between March and May 2022.

We would like to thank the following executives for their contribution in preparing the report:

CleanBridge

- L. Warren Pimm, Partner & Sr. Managing Director
- Rob Hays, Managing Director
- Pedro Obregon, Vice President
- Federico Fermin, Associate

Alchemy Research and Analytics

- Niladri Paul, CEO
- Souradeep Basu, Associate Manager

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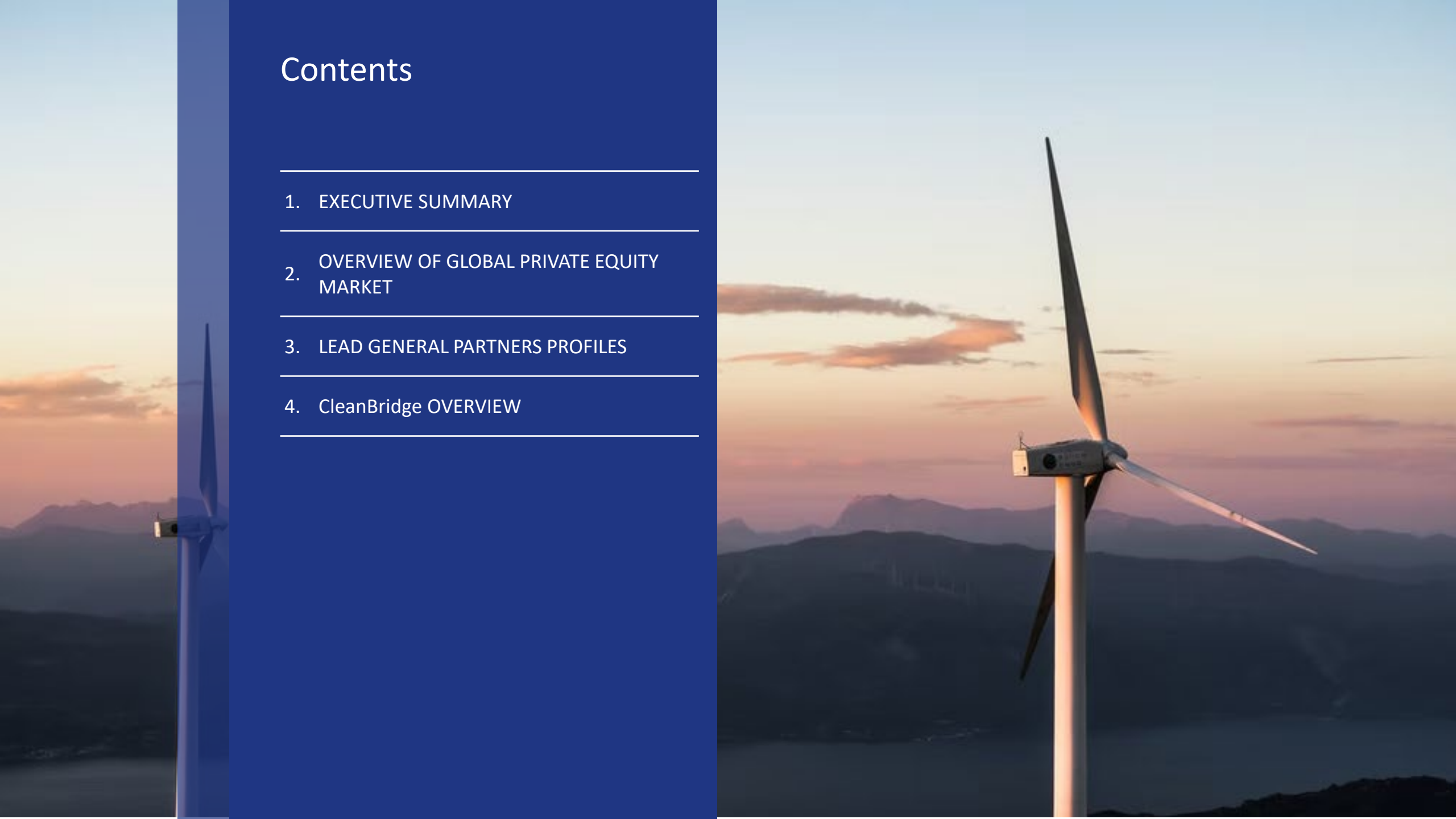

Introduction

Globally, private equity investment in the global clean economy has continued to grow at significant pace, given a combination of increasing allocations to private equity by large asset owners generally, growing policy commitments by global governments towards net zero emissions economies by 2050, and an increasing focus on environmental, social, and governance features by all investors.

Investment in clean energy, the electrification of the global transportation system, and the built environment, specifically the underlying technologies, supply chains, and operating companies within those sectors, is expanding at a rapid pace. Global investment in clean growth and a clean economy is now mainstream, and no longer a niche area of investment by private equity.

The purpose of **CleanBridge's** **Annual Private Equity Investment in the Global Clean Economy Report** is to provide a high-level view of the demand drivers, opportunities, challenges and outlook prevalent in major markets for private equity investment in clean economy sectors of renewable energy, electric transportation, and the built environment. An understanding of global industry trends and country-specific market factors are critical to success for all potential market entrants.

We hope you will enjoy reading our inaugural report on the Global Private Equity Investment the Clean Economy.

L. Warren Pimm, CFA
Partner & Senior Managing Director
CleanBridge

1. EXECUTIVE SUMMARY

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Executive Summary

Green Capex will be the dominant driver of global PE investment

- Net Zero targets have emerged as a useful tool to indicate a country, company or asset manager's commitment to climate action, uniquely focused on carbon emissions or equivalents
- Around $6 Tn of annual investment is required in 2020s to meet Net Zero, Clean Water and Infrastructure objectives, up from legacy $3.2 Tn
- China, US and Europe represent more than half of required investment for Net Zero by 2050 pathway, consistent with weighting of overall emissions
- Meeting the Net Zero pathway objectives involves not only the expansion of power plant capacity but also of transmission lines, batteries, charging infrastructure, and carbon capture/sequestration

Increasing competition in fundraising market

- The fundraising market remains highly competitive and crowded as more funds are returning to market more quickly. This is creating a tough fundraising environment for managers that lack a clear differentiated strategy
- With more capital in the market and greater competition for new deals, it is expected increasing number of managers might resort to other options such as Social Impact funds
- The competition is even more intense in the secondaries market as the market is growing quickly, and adoption of single-asset funds effectively takes the ceiling off the market. The competition extends beyond GPs: several highly regarded investment bankers serving the space have changed organizations in recent years

Private equity remains the preferred fund model

- Slowdown in global economic growth owing to pandemic has failed to deter investors from allocating more funds to private equity, with commitments around $0.7 trillion in 2021. Fundraising in PE rebounded globally, falling just short of a full recovery to pre-COVID 19 levels
- Investor preference for private equity is driven by the search for higher yields, which is being delivered by higher-risk growth equity and venture capital segments
- Private equity outperformed other private markets asset classes and returned a 27.1% pooled internal rate of return in the first three quarters of 2021, slightly below the 33% in full-year 2020. Venture capital was the fastest growing strategy within PE in terms of AUM, while buyout remained the largest PE sub-asset class

Resurgence of PE/VC investments in Clean Technology

- PE/VC investment in clean technology is expected to more than triple to $1 trillion annually over the next five years, as economic viability improves, and overall dynamics of a low carbon economy are shaped by favourable policy environment
- There is a massive $90 trillion investment opportunity till 2050 across renewable energy, electrification technologies and energy efficiency sub-sectors in order to reach the goals of the Paris Agreement
- Given the quantum of capital requirements, private sources including private equity and venture funding are expected to play a major role in capital mobilization

2. OVERVIEW OF GLOBAL PRIVATE EQUITY MARKET

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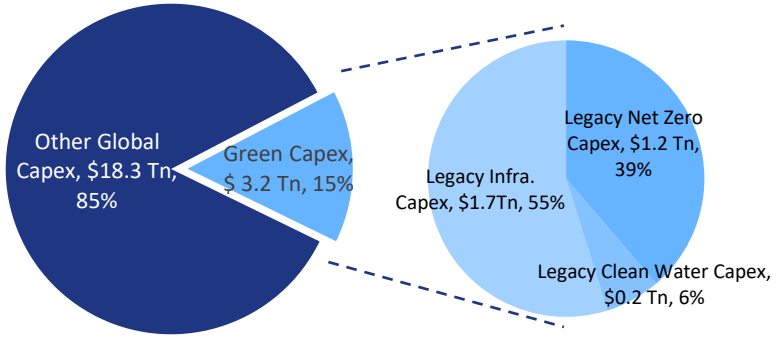
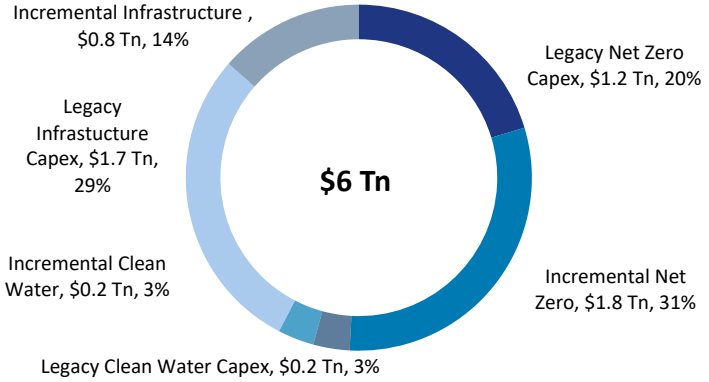
Green Capex Requirement to Meet Sustainable Development Goals

Green Capex toward Net Zero, infrastructure and clean water vs. 2016-19 annual global capital investment



Source: World Bank, IEA, McKinsey, OECD, Goldman Sachs Global Investment Research

Green Capex requirement in the Net Zero scenario

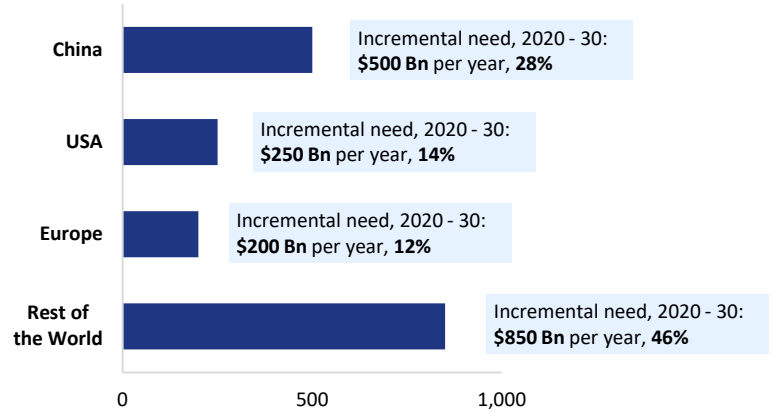


Source: World Bank, IEA, McKinsey, OECD, Goldman Sachs Global Investment Research

- Around **$6 Tn** of annual investment is required in 2020s to meet Net Zero, Clean Water and Infrastructure objectives, up from legacy **$3.2 Tn**
- As per Goldman Sachs Research and FactSet, growth in investment in global CAPEX + R&D (not solely Green) in 2022 is expected to be **3% - 4%** vs. 2021
- Geographically **China and the US** should represent the greatest percentage of overall and incremental Net Zero/infrastructure investment needs. In 2019, China emitted around 28% of global CO_2, while the US emitted about 15%
- The incremental **$2.8 Tn** of annual investment needed this decade represents around **2.7%** of global GDP
- As per latest estimates by International Energy Agency (IEA), Net Zero by 2050 investment requirements (excluding fossil fuels) during the 2020s will be **$3 trillion annually (rising to $4 trillion in 2030)** vs. $1.2 trillion annually on average in 2016-20

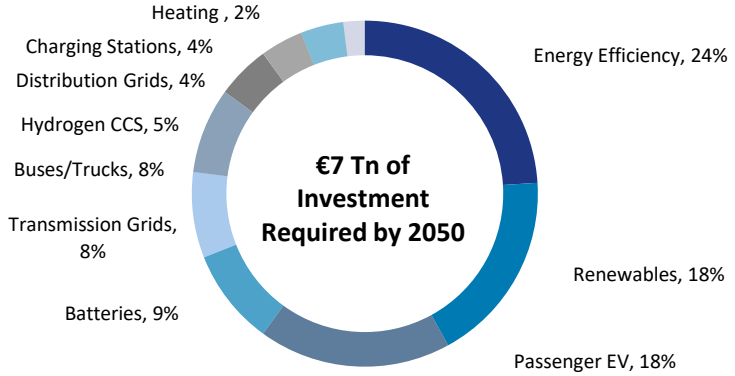
Capex Requirement by Region & Sector

Incremental investment / yr in the 2020s needed for Net Zero by 2050 pathway ($ Bn)



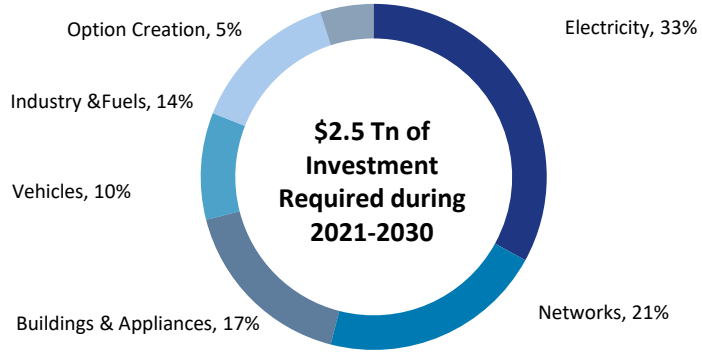
Source: Princeton University, EU Commission, IEA, Goldman Sachs Global Investment Research

EU Net Zero costs by investment category by 2050



Source: Goldman Sachs Global Investment Research, Princeton University, European Commission

US Net Zero costs by investment category during 2021-2030

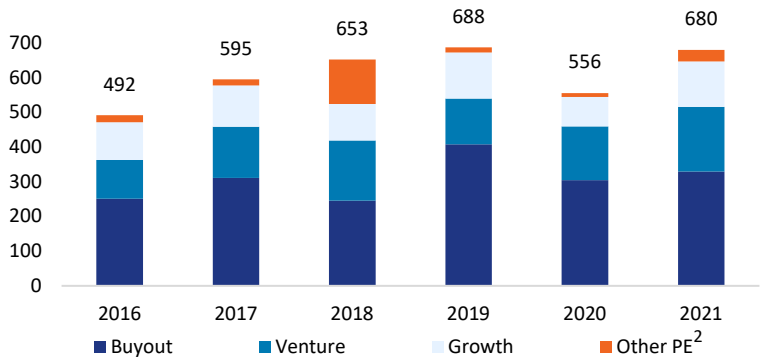


Source: Princeton University, EU Commission, IEA, Goldman Sachs Global Investment Research

- China, US and Europe represent more than half of required investment for Net Zero by 2050 pathway, consistent with weighting of overall emissions. Meeting Net Zero objectives will likely require capex of about $11 Tn in the EU by 2050 and $16 Tn in China by 2060 (as China is pursuing a Net Zero Path by 2060, means spending will be less in 2020s than what would have been required to reach Net Zero by 2050)
- In the US a combination of demand efficiency and increased deployment of additional clean generation capacity is needed to accomplish the goal set by President Biden to reduce US greenhouse gas emissions 50%-52% by 2030 vs. 2005 levels
- Meeting the Net Zero pathway objectives involves not only the expansion of power plant capacity but also of transmission lines, batteries, charging infrastructure, and carbon capture/sequestration, supported by investment friendly policy framework ahead of aggressive capex increases

Global Private Equity Fundraising

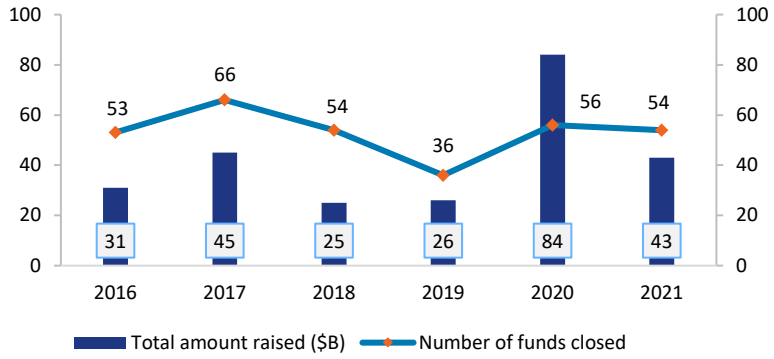
Global private equity fundraising by asset subclass[1] ($ billion)



Note: [1]Excludes secondaries, funds of funds, and co-investment vehicles to avoid double counting of capital fundraised
[2]Includes turnaround PE funds and PE funds with unspecified strategy
Source: Preqin

- Compared to 2020, fundraising rebounded in 2021 to $680 billion, continuing the long-term trend of fundraising growth. Strong fundraising growth in 2021 was primarily fueled by higher-risk growth equity and venture capital segments
- Currently, average private equity fund size across strategies stands at approximately $340 million, up from approximately $210 million in 2016. There were nine $10 billion funds in 2021 alongside seven additional mega funds which are currently in the market and tracking for final close in 2022
- Over the five-year period ending 2021, fundraising in North America grew 13.2%, outpacing both Europe (up 6.1%) and Asia (down 7.1%). Additionally, the average flagship fund size of the top 20 global private equity fundraising share gainers more than doubled to $10.7 billion during this period

PE secondary fundraising by closing year[1] 2016 - 2021

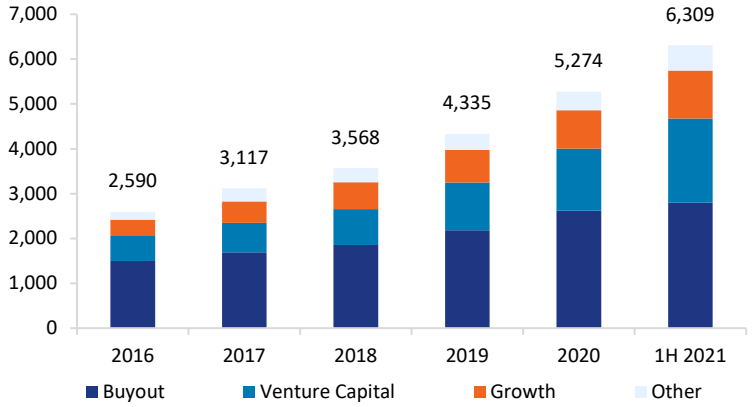


Note: [1]Excludes real estate and infrastructure secondaries
Source: Preqin; McKinsey analysis

- In terms of secondary fundraising, the year 2021 proved to be a slow-moving compared to 2020, in which five of the six largest secondaries firms were in the market at the same time, each raising more than $5 billion. These five funds collectively raised $61 billion in 2020, more than the total secondaries fundraising in any other year
- Compared to 2020, 2021 saw similar number of funds in the market, but only one raised more than $5 billion. However, 2021 was the third-largest fundraising year on record
- Over the last five years, secondaries fund raising stood at $223 billion, which is 71% higher than the prior five-year period. Currently, there are at least four funds in the market targeting to raise over $10 billion, which shows clear signs of rejuvenated fundraising activity to continue in 2022

Global Private Equity Assets Under Management

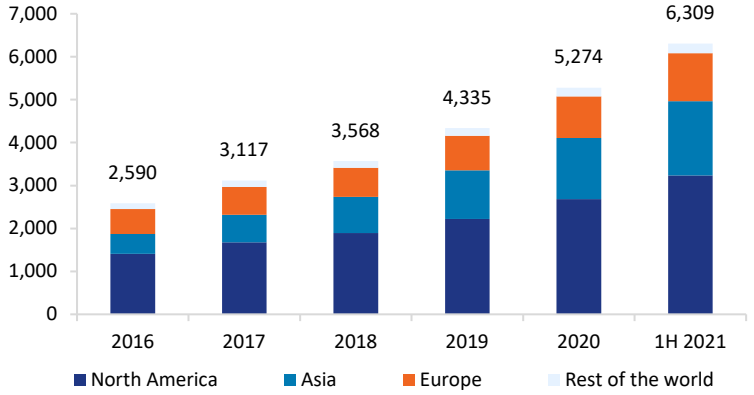
Global private equity assets under management by fund type
2016 - 1H 2021, $ billion



Note: AUM = dry powder + unrealized value
Source: Preqin

- The Global private equity AUM increased by 38% between Q2 2020 and Q2 2021, reaching an all-time high of $6.3 trillion. Venture capital was the fastest growing strategy within PE in terms of AUM, while buyout remained the largest PE sub-asset class
- The primary driver of the growth of private equity AUM across regions and strategies has been the expansion in net asset value. Between Q2 2020 and Q2 2021 net asset value growth was predominantly attributed to higher valuations on unrealized assets. Private equity net asset value has grown by a factor of 14 since 2000, significantly outpacing the public market, which grew fourfold
- Private equity outperformed other private markets asset classes and returned a 27.1% pooled internal rate of return in the first three quarters of 2021, slightly below the 33% in full-year 2020

Global private equity assets under management by region
2016 - 1H 2021, $ billion

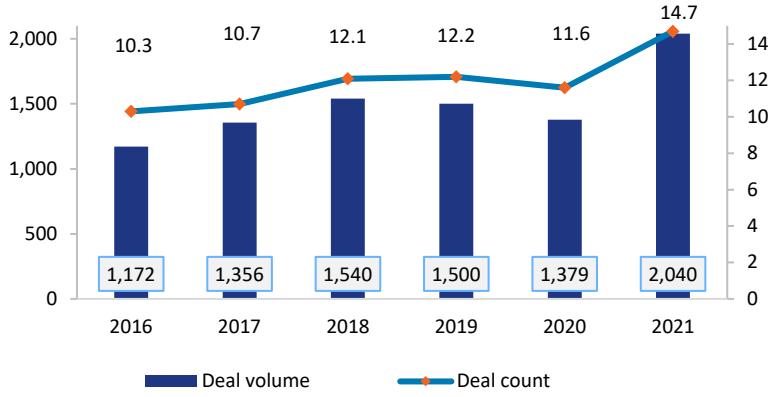


Note: AUM = dry powder + unrealized value
Source: Preqin

- During the period 2016 – Q1 2021, the North American, Asian and European private equity AUM increased at a CAGR of 20.2%, 34.5% and 15.7% respectively. Asia focused private equities saw a notable highlight since 2018 when its assets under management surpassed Europe. As of Q2 end 2021, Asia's AUM stood at $1.7 trillion, compared with Europe's $1.1 trillion
- Approach to PE in Asia differs substantially from Europe and North America. In Asia, the focus has more been on funding earlier-stage ventures with an eye to the future, rather than to structure well-established enterprises. Therefore, VC and growth equity account for over three-quarters of PE AUM in Asia against 34% in North America and 22% in Europe. Notably, Asia-focused funds made up 45% of global AUM for VC and over half of global AUM for growth equity

Global Private Equity Deal Activity

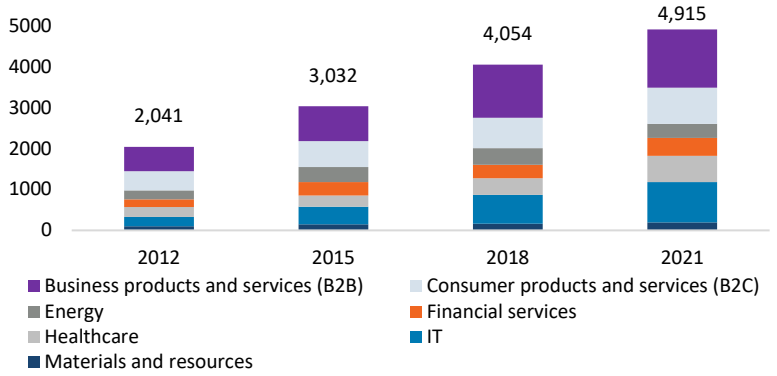
Global private equity deal volume and deal count 2016 - 2021, $ billion



Note: Deal volume in $ billion, Deal count in thousands
Source: PitchBook

- In 2021, private equity deal activity picked up as investor optimism was uplifted due to post covid economic recovery in part brought about by capital infusions across major economies, sanctioned by respective central banks. This surge in deal activity has resulted in increased deal volume in 2021 post an 8.2% drop in 2020 owing to the pandemic. Annual deal volume increased by 48.6% in 2021 to reach $2.04 trillion globally, and the number of deals exceeded 14,000 for the very first time. With fundraising near record levels and dry powder continuing to grow (17.5% annualized growth since 2016), investors are deploying capital at historic rates
- The increased deal volume is reflected across regions. North America is leading with $1.1 trillion in total deal volume, a 50% increase from 2020 with nearly 25% increase in deal count. Europe also recorded substantial increase, reaching $720 billion in total deal volume with nearly a third more deals than 2020

Global private equity deal volume by sector trailing 3 years, $ billion

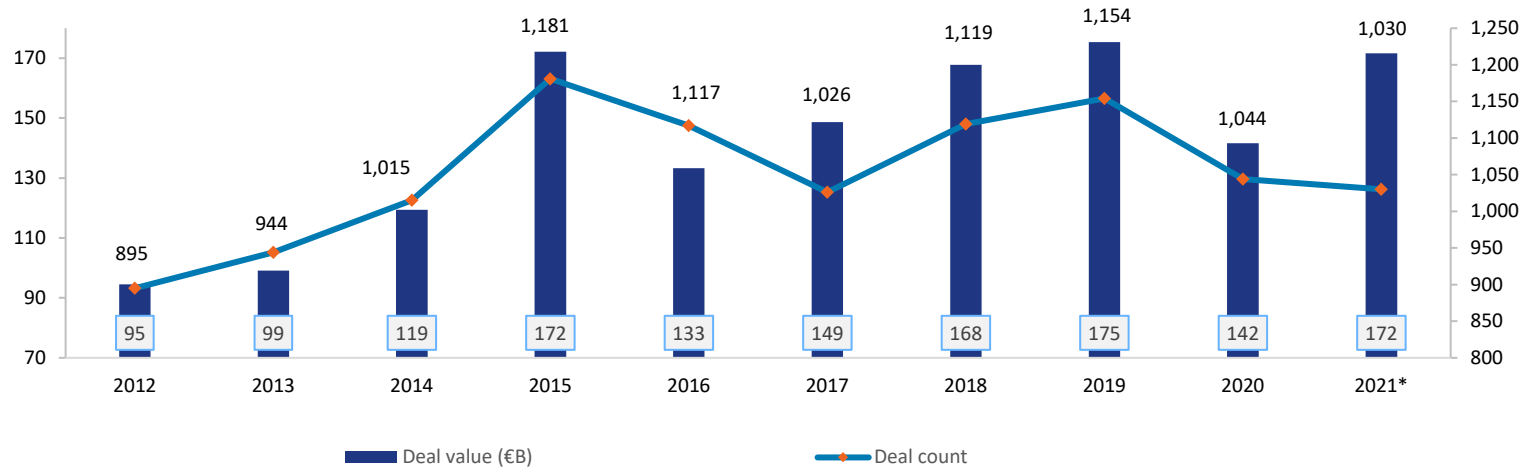


Note: Deal volumes by sector are calculated on a trailing three-year basis to smooth the impact of year-to-year volatility
Source: PitchBook

- B2B, B2C and IT sectors together accounted for approximately two-thirds of global deal volume in 2020. While share of B2B and B2C in the total deal volume have marginally decreased in the last decade, share of IT has increased substantially from 11% in 2011 to 20% in 2021. Healthcare is another rapidly expanding sector, with the fastest deal-volume growth globally since 2016
- Private equity firms accelerated activity in IT and healthcare throughout the pandemic. Out of 2021's ten largest deals, four were in IT and three were in the healthcare sector. Even the largest deal in 2020 involved a manufacturer and distributor of healthcare supplies
- Conversely, deal activity in traditional energy investments continued to decline, perpetuating a four-year downward trend that correlates with limited partners increasing their ESG commitments

Private Equity Carveout Activity

Private equity carveout activity

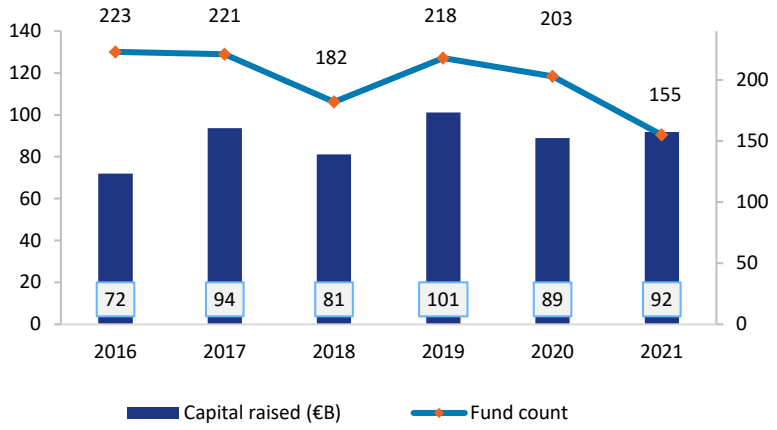


Note: * Data as of November 22, 2021
Source: Pitchbook

- The year 2020 proved to be a relatively dull for private equity carveouts deals, which is not the case in 2021. As of November 2021, global carveout deal value stood at €172 billion, the second highest figure on record after €175 billion in 2019. Carveout is expected to maintain its growth trend in 2022, pushing the year to a new record of €200 million. This is attributed to multiple factors;
- Firstly, pandemic-related stock underperformance, reducing stimulus and the prospect of further lockdowns are forcing corporates to intensely re-evaluate their core competencies and exit non-core assets to pay down debt accumulated during the COVID-19 crisis. Corporates will aim to sell business units to align the core of the organization more closely with changing consumer and employee behaviors, supply chains and ESG matters, most notably in the climate and sustainability spaces which should foster a growing supply of carveout targets
- Secondly, M&A provides the most viable path to outsize growth for corporates in the current zero-rate environment. The EU, UK and US governments have enhanced their abilities to review mergers in 2021, increasing the potential for forced divestitures
- Lastly, sponsors are under pressure from limited partners to deploy their record dry powder quickly and drive higher risk-adjusted returns. The inherent complex and less-trodden path of carveouts could prove a fertile hunting ground for sponsors to deploy capital and augment internal rate of returns

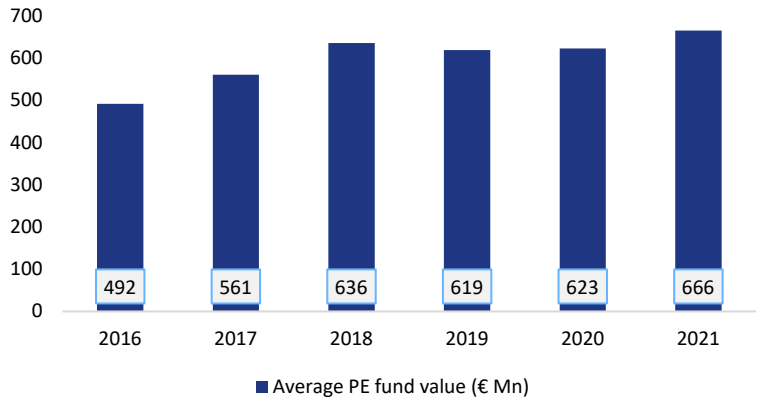
Regional Overview: Europe (1)

PE fundraising activity



Source: PitchBook

Average PE fund value (€ Mn)



Source: PitchBook

Largest Europe-focused private equity funds in market

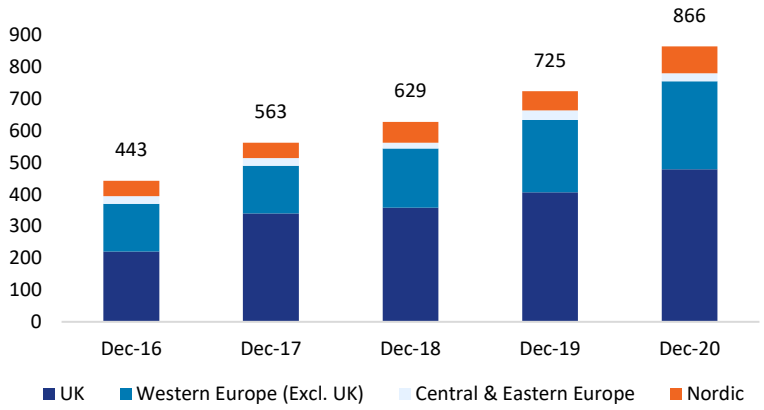
Firm	Fund Name	Target Size (Billion)
Permira	Permira VIII	$15
BC Partners	BC Partners Fund XI	€8.5
Goldman Sachs	West Street Capital Partners VIII	$8
Montagu Private Equity	Montagu VI	€3.5
Partners Group	Partners Group Secondary 2020	$4
Rhône Group	Rhone Partners VI	€3
Charterhouse Capital	CCP XI	€2.5
Charterhouse Capital	Inflexion Buyout Fund VI	£2
Permira	Permira Growth Opportunities II	$2.5

Source: : Preqin Pro. Data as of July 2021

- Over the last five years, while the PE fund count in Europe is on a declining trend, the average fund size is on the rise. Fund sizes are growing as deployment explodes and allocators stay on course with their pacing plans. Many of the key fundraising trends remain intact, including stock market volatility, low interest rates & PE outperformance
- Buyouts were the standout strategy, while the core middle market (funds sized between €250 million and €500 million) contributed the bulk of fund counts
- The fundraising market is becoming increasingly competitive and crowded as more funds are returning to market more quickly. The fundraising cycle of raise, deploy, exit, and return capital back to limited partners is running more smoothly for reputed big-name managers, which is creating a tough fundraising environment for managers that do not have a clear differentiated strategy

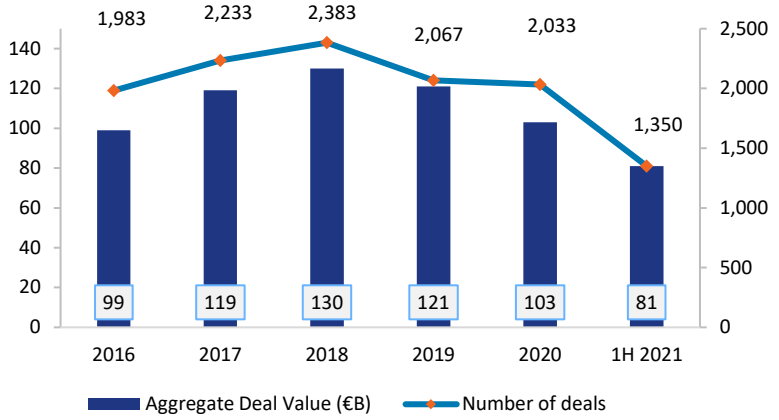
Regional Overview: Europe (2)

Europe-based private equity & venture capital assets under management by region, 2016 – 2020, $ billion



Source: Preqin Pro

Private equity backed buyout deals in Europe, 2016 - 1H 2021



Source: Preqin Pro

Largest Europe-based fund managers by private equity AUM

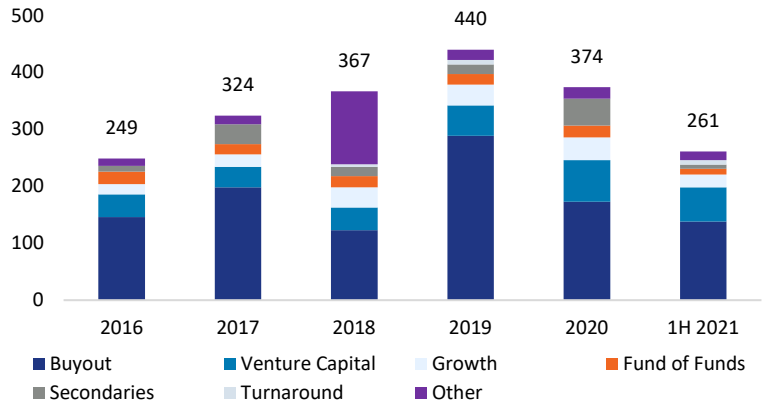
Firm	HQ	AUM (€B)	AUM Date
SB Investment Advisers	UK	133.3	31 March 2021
CVC	UK	73.4	31 March 2021
Ardian	France	71.2	25 June 2021
Partners Group	Switzerland	49.4	30 June 2021
AlpInvest Partners	Netherlands	45.5	24 June 2021
Permira	UK	44.0	12 May 2021
LGT Capital Partners	Switzerland	37.9	30 June 2021
EQT*	Sweden	32.6	30 June 2021
Hg	UK	31.6	31 March 2021

Note: *EQT PE AUM has been calculated based on the deduction of Public Value AUM from Private Capital AUM present in the EQT 2021 Half-Year Report
Source: Preqin Pro

- Despite a market unrest in 2020, the European private equity and venture capital market managed to climb to $866 billion in AUM as of December 2020, which is a rise of 19% compared with 2019. United Kingdom continues to be the leader, followed by Western Europe, Nordic, Central & Eastern Europe
- In the face of decline in buyout deal numbers, several large fund closures have ensured that the total amount of capital secured by private equity funds continued to climb in Europe. Mega buyout funds, aiming to raise $1 billion or more in commitments, remained popular with institutional investors and played a pivotal role in the growth phase
- United Kingdom based fund managers held €282 billion in AUM, which is more than half of the total AUM from the top 9 fund managers in Europe who together held €519 billion in AUM

Regional Overview: North America (1)

Aggregate capital raised by North America-focused private equity funds closed by fund type, 2016 – 1H 2021, $ billion



Source: Preqin Pro

- In North America, the aggregate capital raised by PE funds shows a growing trend starting in 2016 and peaking in 2019. The year 2020 proved to be a rather slower year due to the pandemic, but the market seems to be picking up considering that the first half of 2021 raised $261 billion of aggregate capital compared to a total of $374 billion being raised in 2020
- Over the years, buyouts have accounted for the largest share of capital followed by venture capital. Share of venture capital in the total fundraising is on the rise. In the first half of 2021, $61 billion in venture capital commitments was raised, representing 24% of total fundraising across private equity & venture capital
- The North American PE & VC AUM reached $2.81 trillion at the end of 2020, expanding at an annualized rate of 9.5% over the past decade. Persistently low long-term government bond yields proved to be a key driver of this growth

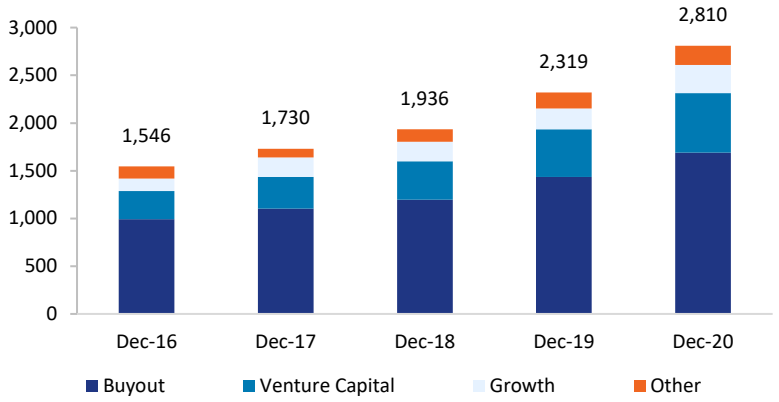
Largest North America-focused private equity funds closed in 2020 – 1H 2021

Firm	Fund	HQ	Fund Size ($B)	Fund Type	Final Close Date
Hellman & Friedman	Hellman & Friedman Capital Partners X	US	23	Buyout	May 21
Silver Lake	Silver Lake Partners VI	US	20	Buyout	Dec 20
Thoma Bravo	Thoma Bravo Fund XIV	US	17.9	Buyout	October 20
Clayton Dubilier & Rice	Clayton, Dubilier & Rice Fund XI	US	16	Buyout	March 21
Lexington Partners	Lexington Capital Partners IX	US	14	Secondaries	January 20
TA Associates	TA XIV	US	12.5	Buyout	June 21
AlpInvest Partners	AlpInvest Secondaries Program VII	Netherlands	10.2	Secondaries	December 20
Genstar Capital Partners	Genstar Capital Partners X	US	10.2	Buyout	April 21
Goldman Sachs AIMS Group	Vintage Fund VIII	US	10	Secondaries	November 20
Bain Capital	Bain Capital Fund XIII	US	10	Buyout	April 21

Source: Preqin Pro

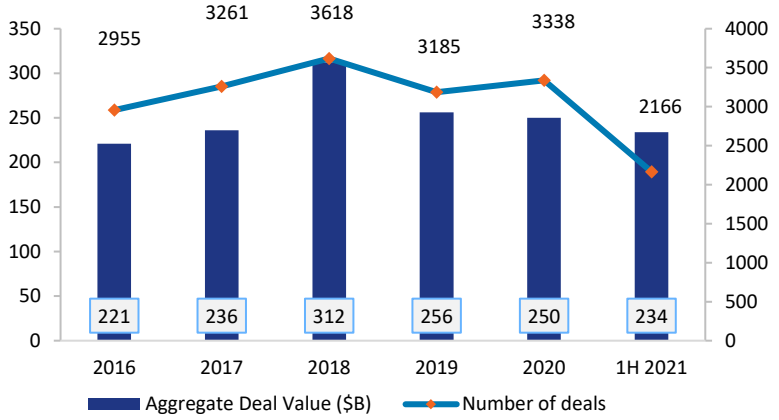
Regional Overview: North America (2)

North America based private equity & venture capital AUM by fund type, 2016 – 2020, $ billion



Source: Preqin Pro

Private equity backed buyout deals in North America, 2016 - 1H 2021



Source: Preqin Pro

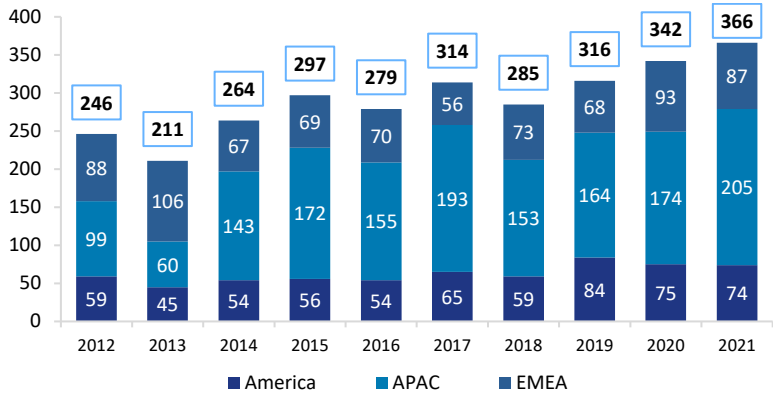
Largest North America-focused private equity funds in market

Firm	Fund	Target Size ($ Bn)	Fund Type	Geographic Focus
Carlyle Group	Carlyle Partners VIII	22	Buyout	North America
Insight Partners	Insight Partners XII	12	Growth	North America
Neuberger Berman	Dyal Capital Partners V	9	Growth	North America
Ares Management	Ares Corporate Opportunities Fund VI	8	Buyout	North America
Berkshire Partners	Berkshire Fund X	6.5	Buyout	North America
Centerbridge Partners	Centerbridge Capital Partners IV	6	Buyout	North America
Apollo Global Management	Apollo Hybrid Value Fund II	5	Hybrid	North America
Carlyle Group	Carlyle Global Partners II	5	Buyout	North America
General Atlantic	General Atlantic Investment Partners 2021	5	Growth	US
Roark Capital Group	Roark Capital Partners VI	5	Buyout	North America

Source: Preqin Pro. Data as of July 2021

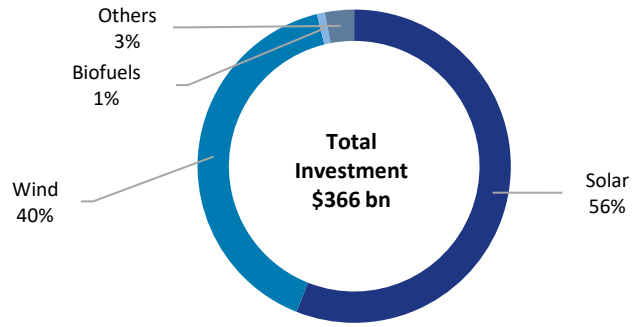
Investment Activity in Renewable Energy

Global investment in clean energy ($ Bn)



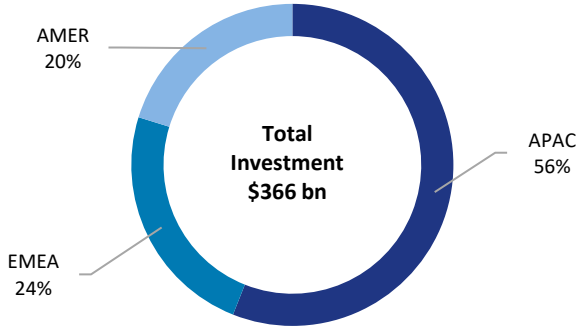
Source: BNEF Energy Transition Investment Trends 2022

Global investment in clean energy by technology (2021)



Source: BNEF Energy Transition Investment Trends 2022

Global Investment in Clean Energy by Region (2021)

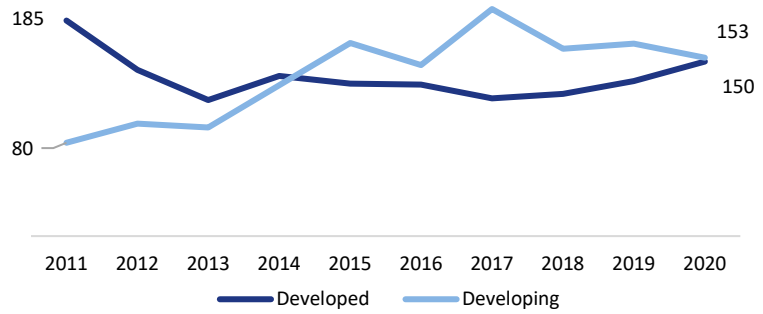


Source: BNEF Energy Transition Investment Trends 2022

- Investment in clean energy increased by nearly 8% in 2020 compared to 2019. The easing covid restrictions and growing energy demand helped maintain the positive investment momentum through 2021, which registered a further 7% increase in investment value over 2020
- In terms of technology, majority of the investments in clean energy was driven by solar ($205 bn) and wind ($147 bn), followed by others low carbon technologies like small hydro, geothermal and offshore etc., which combinedly bagged $11 bn, while biofuels, biomass & waste accounted for $3 bn in new investments globally
- In terms of region, APAC maintained its lead over other regions, accounting for 56% of the global investments in clean energy in 2021, injecting $205 bn, followed by EMEA, contributing $87 bn and Americas, contributing $74 bn in new investments

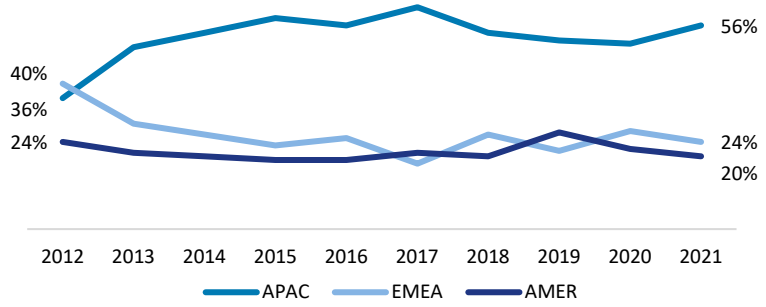
Changing Global Market Share of Renewable Investment

New investment in renewable energy in developing vs developed countries ($ Bn)



Source: Renewables 2021 – Global Status Report by REN21

Global investment in renewable energy – contrasting APAC, EMEA, AMER ($ Bn)

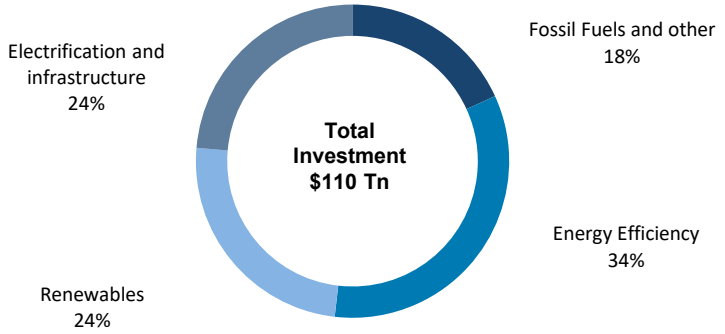


Source: BNEF Energy Transition Investment Trends 2022

- Incremental investments by developing and emerging countries outpaced those of developed countries, albeit by a narrower margin than in 2019, accounting for 50.5% of the total in 2020. In developed countries, investments increased by 13% and fell by 7% in developing and emerging markets. The decline in investment in developing countries was primarily due to lower capacity investment in China (down 12%), India (down 36%), and developing countries in the Americas (down 33%). Furthermore, investment fell 14% in Sub-Saharan Africa, exacerbating the region's low investment in new renewable capacity (USD2.8 billion). In contrast, investment growth continued in other developing countries including the Middle East and North Africa (up 22%), Brazil (up 23%) etc. Among developed countries, Europe was the main driver of increased renewable energy investment in 2020, totaling USD 69.4 billion, led by the United Kingdom and the Netherlands (due to investments in large offshore wind energy projects), followed by Spain.
- A clearer picture can be illustrated by comparing the global share of new investments between APAC, EMEA, and AMER. APAC holds an emerging share in the market globally. In 2020 for the first time, China's foreign investments in solar PV, wind power, and hydropower represented more than half of the country's total overseas energy investments under the Belt and Road Initiative (China's main international co-operation and economic strategy). EMEA witnessing its investment level reducing steadily since 2012. Though an uptick was observed in 2020 with $93 bn investments, it again declined in 2021 to cumulative investment of $83 billion. AMER also represents a gradual drop since peaking in 2019, with $74 billion invested in 2021

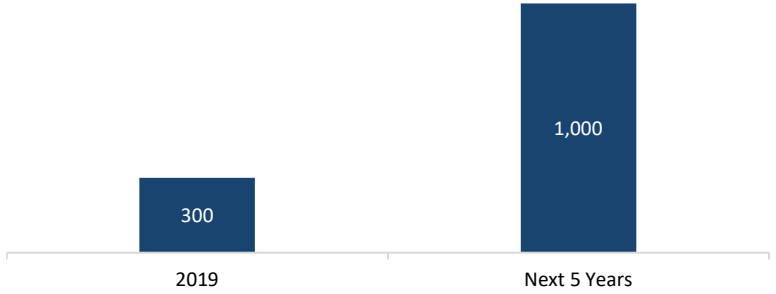
PE / VC Investment Requirement in Clean Technology - Outlook

Cumulative investment need to meet sustainability goal 2016 - 2050 ($ Tn)



Source: IRENA

Expected annual investment by PE / VC in clean technology ($ Bn)



Source: World Economic Forum

- It is estimated that cumulative investment of $110 Tn will be needed to be invested in energy systems by 2050 to meet the goals of the Paris Agreement
- IRENA expects a massive market worth $90 Tn to be developed across renewable energy, electrification technologies and energy efficiency sub-sectors
- Given the massive amount of capital requirement, private investment is expected to play a major role, roughly estimated to account for three-quarters of overall capital needs, with the remaining 25% being sourced from public sources

- The clean technology industry is seen to reach a stage of maturity, following a decade of failures which saw energy related VCs lose around $12.5 bn
- As clean technology becomes more economically viable, new business models have emerged attracting private investments into the sector. Consequently, annual investment into the sector is expected to grow more than 3x to $1 Tn annually in the next five years from $300 Bn currently
- A combination of factors such as favourable regulatory environment, immense growth potential of specific technologies such as electric mobility and energy storage are catalysing private investment into the clean technology sector

Recent Developments in Sustainable Infrastructure

Select climate focused infrastructure fund raise in 2021

FIRM	DATE	FUND SIZE	FUND TYPE	GEOGRAPHIC FOCUS
KKR	Mar-22	$17.0 Bn	Infrastructure Core	North America & Western Europe
Ares Management Corp.	Dec-21	$2.2 Bn	Infrastructure Value Added	North America & Europe
BlackRock Inc. (Climate Finance Partnership)	Nov-21	$673 Mn	Infrastructure Opportunistic	Emerging Economies
Generate Capital	July-21	$2.0 Bn	Infrastructure Opportunistic	North America & Europe
BlackRock Inc. (Global Renewable Power Fund III)	Apr-21	$4.8 Bn	Infrastructure Core	Europe, Asia
Macquarie Infrastructure and Real Assets (“MGREF2”)	Feb-21	€1.6 Bn	Infrastructure Core	Global

Source: CNBC, Reuters, Macquarie, Bloomberg

Key Strategic Developments in 2021

- In January 2022, Blackstone Infrastructure Partners entered into a definitive agreement with Caisse de dépôt et placement du Québec (CDPQ) and Invenergy for an approximately $3 billion equity investment in Invenergy Renewables Holdings LLC to accelerate Invenergy’s renewables development activities
- In December 2021, Apollo funds made a first close on a $816 million convertible equity portfolio financing agreement with NextEra Energy Partners, LP (NYSE: NEP) in a 2.5GW contracted renewable energy generation portfolio
- In July 2021, Private-equity giant Carlyle Group Inc. launched a company named Copia Power to develop renewable-power-generation and storage projects in a push to reorient its energy business towards sustainable investments. Carlyle funds would inject a capital of $700 million in the new venture
- In April 2021, Norway’s $1.3 trillion sovereign wealth fund made its first investment in renewable energy infrastructure. The fund has agreed to acquire a 50% stake in the Borssele offshore wind farm in the Netherlands from Danish energy firm Ørsted A/S for c.€1.4 billion
- In January 2021, MPC Capital AG launched a new entity named MPC Energy Solutions after raising $100 million in a private placement to capitalize on the growing demand for sustainable and cost-competitive low-carbon energy infrastructure by developing and operating renewable energy assets

Source: Forbes, CNBC News- 2021

3. LEAD GENERAL PARTNERS PROFILES

CLEANBRIDGE

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117 - 118	Vitruvian Partners
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Source: Pitchbook

Accel

500 University Avenue, Palo Alto, CA 94301, US
Tel: +1 (650) 614-4800

Year Founded: 1983
www.accel.com

Accel is a venture capital firm, based in Palo Alto California. The firm focuses on investing in companies operating in the internet infrastructure, internet software, consumer services, mobile, software, information technology and cloud-enabled service sectors

AUM: $3.09B | Dry Powder: $11.53B

Key Contacts

Anne Rockhold – CFO

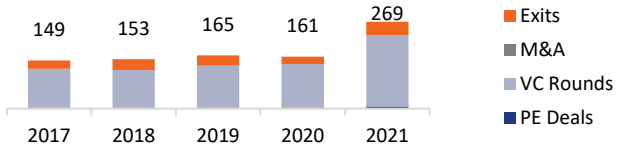
Tracy Sedlock – Chief Operating Partner

Miles Clements – Investor, Principal & Partner

INVESTMENT PREFERENCES

Preferred Industries	Commercial Products, Commercial Services, Communications and Networking, Computer Hardware, Consumer Durables, Consumer Non-Durables, Healthcare Devices and Supplies, etc.
Geographical Preferences	NA
Preferred Deal Types	Early-Stage VC, Seed Round
Other Investment Preferences	Prefers minority stake, Will syndicate

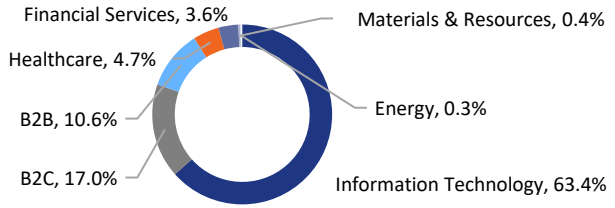
INVESTMENTS BY YEAR



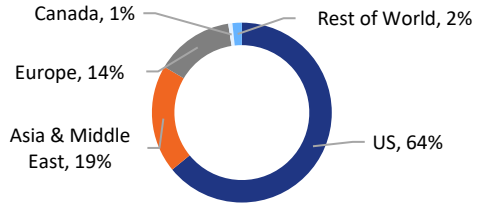
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Accel Growth Fund VI	2021	$1.75B	$1.75B	The fund preferably invests in the technology sector and makes 20 to 30 investments of $50 to $75 million per company
Accel Growth Fund V	2019	$1.50B	$600.2M	The fund preferably invests in software and finance sector
Accel Growth Fund IV	2016	$1.50B	$1.50B	The fund preferably invests in the software sector in the US

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

Accel

500 University Avenue, Palo Alto, CA 94301, US
Tel: +1 (650) 614-4800

Year Founded: 1983
www.accel.com

Key Investments

- In March 2022, Axonius, a cybersecurity asset management platform raised $200 million in a Series E venture funding in a deal led by Accel with other co-investors like: Stripes, DTCP, Silver Lake, Bessemer Venture Partners, Lightspeed Venture Partners, Alta Park Capital, Owl Rock Capital Group, ICONIQ Capital and Alkeon Capital. The funds will be used to accelerate global expansion and scale in the delivery of CAASM and SaaS Management solutions
- In February 2022, Niyo, a developer of a payroll management platform raised $100 million in a Series C venture funding in a deal led by Accel and Lightrock with other co-investors like Beams Fintech Fund, Prime Venture Partners and JS Capital Management. The funds will be used for product innovation, marketing, and branding, increasing its distribution, and hiring top talent across functions
- In February 2022, Genesis, a developer of capital markets software raised $200 million in a Series C venture funding in a deal led by Tiger Global Management alongside other undisclosed investors. The funds will be used to expand the capabilities of its platform, toward supporting the developer ecosystem, onboard new developers, and support them in their buy-to-build journey
- In January 2022, Ironclad, a developer of a contracting platform raised $150 million of Series E venture funding in a deal led by Franklin Templeton alongside 7 other investors including Accel. The funds will be used to fuel product innovation and scale its digital contracting platform
- In December 2021, Monzo, a developer of a banking application raised £450 million of venture funding from Tencent Holdings, Coatue Management and Alpha Wave Global. Other investors included Abu Dhabi Growth Fund, Passion Capital, Thrive Capital, Goodwater Capital, General Catalyst, Accel and Octahedron Capital
- In October 2021, Aura, an operator of a digital security platform raised $200 million of Series F venture funding in a deal led by Madrone Capital Partners. Warburg Pincus, Ten Eleven Ventures, General Catalyst, WndrCo and Accel also participated in the round. The funds will be put toward expanding the company's workforce and investing in product R&D as Aura grows its sales team
- Sunrun, a US-based provider of residential solar electricity and solar power services for homeowners, raised $150 million from investors in July 2014. Accel Partners along with Foundation Capital, Sequoia Capital, Madrone Capital and others invested in the deal

Other Details

- The firm makes investments in focused sectors including computing & storage infrastructure, consumer internet & media, enterprise software & services, mobile, networking systems, retail consumer, security, technology enabled services
- Accel Capital Partners is planning to raise a fund named Accel India VII with a target size of $650 million. The fund will invest in next generation ecommerce, emerging software as a service (SaaS), consumer fintech, global business to business (B2B) marketplaces, digital health and Web3 in India
- GV, Y Combinator, New Enterprise Associates, Sequoia Capital, Battery Ventures, Qualcomm Ventures, Index Ventures, Tiger Global Management, Kleiner Perkins are some of the co-investors who invest alongside Accel Partners

Source: Pitchbook, Company Website, Press Release

Adenium energy capital

Emirates Financial Tower, Dubai United Arab Emirates
Tel: +971 (0)4 385 7997

Year Founded: 2010
www.adeniumcapital.com

Adenium Energy Capital is a private equity investment firm based in Dubai, United Arab Emirates. The firm was founded in 2010 and specializes in the investments in clean and renewable energy and alternative energy-related sectors

AUM: NA	Dry Powder: $11.53B

Key Contacts

Wassef Sawaf – CEO, Board Member & Member of Executive Committee

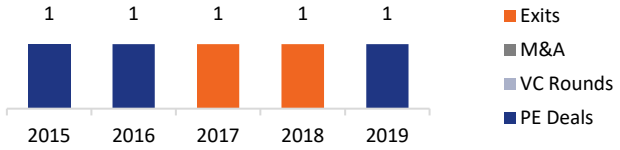
Darren Cruickshank – Chief Financial Officer

Jeremy Crane – Chief Operating Officer

INVESTMENT PREFERENCES

Preferred Industries	Energy Services
Geographical Preferences	NA
Preferred Deal Types	Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Long-Term Investor Will syndicate

INVESTMENTS BY YEAR

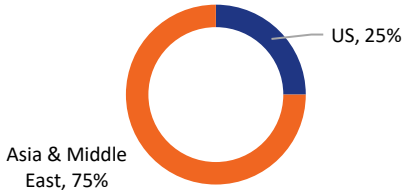


FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Adenium Solar Energy Fund 1	NA	€50M	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA

INVESTMENTS BY INDUSTRY

INVESTMENTS BY REGION



Source: Pitchbook

Adenium energy capital

Emirates Financial Tower, Dubai United Arab Emirates
Tel: +971 (0)4 385 7997

Year Founded: 2010
www.adeniumcapital.com

Key Investments

- In February 2019, Mitsui & CO Limited along with International Finance Corporation, Equinor Energy Ventures, Arab Petroleum Investments Corporation (APICORP), and Adenium Energy Capital invested $65 million in Yellow Door Energy in a Series A financing round to scale its investments in solar energy and energy efficiency solutions in the Middle East and Africa. Yellow Door Energy is a UAE-based solar developer
- Adenium Energy Capital, Ltd. announced that its 15.6MW Solar Photovoltaic Power Project in Jordan in cooperation and partnership with Lafarge Cement Jordan, reached financial closure on 29 November 2018. Adenium acted as the sole sponsor for this transaction, while Arab Bank PLC acted as the sole lender
- In November 2017, Adenium Energy Capital acquired the rights to develop a 36MWdc solar project from Edison Power. The project is located in Shizuoka Prefecture and will be developed, built and financed by Adenium. The power generated from this project will be sold to Tokyo Electric Power Company for twenty years
- In October 2016, Adenium Energy Capital, Ltd. commissioned four solar PV projects totalling 50MW in Jordan. The four projects, 1 x 24 MW and 3 x 11 MW, were financed by the International Finance Corporation (IFC), Finnish Fund for Industrial Cooperation Ltd. (Finnfund), the Arab Bank and OPEC Fund for International Development (OFID)
- In February 2016, Adenium Energy Capital invested in American Solar Direct, a residential solar energy provider in California. The investment helped the company to continue its growth in the Golden State as well as future expansion to other states
- In August 2015, Adenium and Hudson formed a partnership to jointly capture the compelling investment opportunity presented by utility-scale solar photovoltaic projects in Japan. Adenium continued to develop its growing solar pipeline of over 75MW, and the partnership provided the required funding for the construction and long-term ownership of those projects

Other Details

- Adenium Energy Capital develops, finances, owns and operates a global portfolio of renewable energy projects. Adenium has developed and financed a gross portfolio of 300MW of utility-scale solar PV assets
- Arab Petroleum Investments, Bright Power Group, Equinor Technology Ventures, International Finance Corporation and Mitsui & Co., Quercus Assets Sélection, VEI Green are some of the co-investors who invest alongside Adenium Energy Capital

Source: Pitchbook, Company Website, Press Release

Altira

1675 Broadway,Suite 2400, Denver, CO 80202, US
Tel: +1 (303) 592-5500

Year Founded: 1996
www.altiragroup.com

Altira Group is a Denver, Colorado-based venture capital firm that works closely with entrepreneurs to provide funding for emerging oil and gas technology firms. The firm focuses on the software, equipment and technology-advantaged service firms

AUM: $122B	Dry Powder: $25M

Key Contacts

Dirk McDermott – Founder & Managing Partner

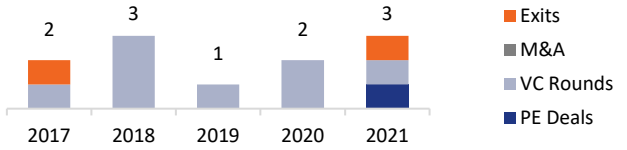
J.P. Bauman – Principal

Sean Ebert – Partner

INVESTMENT PREFERENCES

Preferred Industries	Alternative Energy Equipment, Chemicals and Gases, Information Technology, Oil and Gas Equipment
Geographical Preferences	Americas, Canada, US
Preferred Deal Types	Early-Stage VC, Later Stage VC, PE Growth/Expansion, Seed Round
Other Investment Preferences	Prefers minority stake, Will lead on a deal, Will syndicate

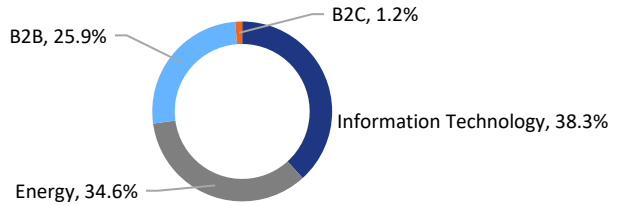
INVESTMENTS BY YEAR



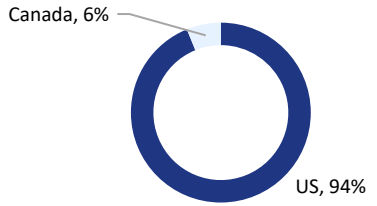
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Altira Technology Fund VI	2014	$122M	$25M	The fund targets to invest in oil and gas technology and services companies in the US
Altira Technology Fund V	2007	$176M	$0.00	The fund is fully invested in oil and gas technology and services companies in the US
Altira Technology Fund IV	2002	£64M	NA	The fund invested in oil and gas technology and services companies

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

Altira

1675 Broadway,Suite 2400, Denver, CO 80202, US
Tel: +1 (303) 592-5500

Year Founded: 1996
www.altiragroup.com

Key Investments

- In August 2021, FlexGen Power Systems, a developer of energy storage technology and software, received $150 million of development capital from Altira Group, Apollo Global Management
- In January 2020, Seeq Corporation, a manufacturing and Industrial Internet of Things (IIoT) advanced analytics software company, secured $24 million expansion of its Series B funding. This expansion round was led by Saudi Aramco Energy Ventures (SAEV), the corporate venture subsidiary of Saudi Aramco with the other investors such as: Altira Group, Chevron Technology Ventures, Second Avenue Partners, etc.
- In 2018, Altira Group invested in ResFrac. ResFrac Corporation makes hydraulic fracturing and reservoir simulation software for the exploration and production industry
- In 2017, Altira Group led a $23 million Series B funding round for Seeq Corporation. Other investors include Chevron Technology Ventures, next47, Second Avenue Partners, etc. Seeq offers advanced data analytics software for process industries that enables better decision making across the enterprise
- In August 2015, Altira Group led a $25.5 million Series A financing round for FlexGen® Power Systems. FlexGen is an integrated energy storage technology platform company. Through its proprietary software and high-efficiency power electronics, FlexGen's Energy Storage Systems (ESS's) enable the economic integration (hybridization) of energy storage with power generation assets
- In October 2012, Infrastructure Networks raised a new round of funding from Altira Group. Infrastructure Networks based out of Houston, Texas provides broadband wireless networks to oil and gas and other critical infrastructure industries

Other Details

- Altira makes $5-$25 million investments in advantaged oil and gas technology and services companies. The firm typically invests in venture/growth-equity-stage companies. So far Altira has raised six funds and invested more than $1 billion with partners in over 50 portfolio companies. The Altira team has over 60 years of combined experience investing in and building successful energy technology businesses
- Currently the firm has two open funds. The latest Altira Technology Fund VII has a target size of $200 million and the Altira Technology VI Overflow Fund has a target size of $8.75 million
- Apollo Global Management, Caterpillar Ventures, Chevron Technology Ventures, Clear Fir Partners, GE Ventures, Houston Angel Network, New Venture Partners, Next47, Second Avenue Partners, Texas Ventures are some of the co-investors who invest alongside Altira Group

Source: Pitchbook, Company Website, Press Release

AMERICAN SECURITIES

590 Madison Avenue 38th Floor New York, NY 10022 US
Tel: +1 (212) 476-8000

Year Founded: 1994
www.american-securities.com

American Securities is a private equity firm founded in 1994 and is based in New York, US. The firm prefers to invest in growth-stage and acquisition financing companies through buyouts and seeks to invest in business products, business services, consumer products, consumer services, materials, resources, energy, healthcare etc.

AUM: $23B | Dry Powder: $4.35B

Key Contacts

Michael Fisch – Managing Director

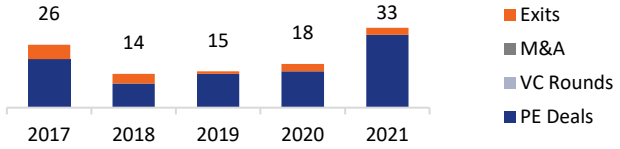
Helen Chiang – Managing Director

Ben Dickson – Managing Director

INVESTMENT PREFERENCES

Preferred Industries	Commercial Products, Commercial Services, Containers and Packaging, Healthcare Services, Media, Restaurants, Hotels and Leisure, Textiles, Utilities
Geographical Preferences	Central Asia, China, North America
Preferred Deal Types	Acquisition Financing, Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Long-Term Investor, Prefers majority stake, Seeks ESG investments

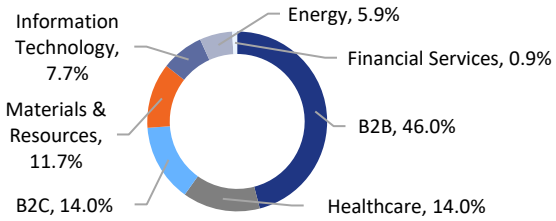
INVESTMENTS BY YEAR



FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
American Securities Partners VIII	2018	$7B	$4.09B	The fund focuses on making investments between $200 & $600 million
American Securities Partners VII	2015	$5B	$257.4M	The fund aims to invest in North American B2B, B2C, energy, healthcare & manufacturing companies
Ascribe Opportunities Fund III	2014	$1B	$0.00	The fund aims to invest in North American commercial products & manufacturing companies

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION

Source: Pitchbook

AMERICAN SECURITIES

590 Madison Avenue 38th Floor New York, NY 10022 US
Tel: +1 (212) 476-8000

Year Founded: 1994
www.american-securities.com

Key Investments

- In February 2022, PAE Inc, a provider of services and support to the U.S government was acquired by Amentum Services, via its financial sponsors American Securities and Lindsay Goldberg, through a $1.9 billion public-to-private LBO
- In December 2021, American Securities acquired SOLV Energy in a $2 billion deal. SOLV Energy is a subsidiary of Swinerton and provides engineering, procurement and construction services intended to build solar photovoltaic plants and energy storage facilities
- In October 2021, OnTrac, a provider of package delivery services was acquired by Lasership, via its financial sponsors American Securities and Greenbriar Equity Group, through a $1.3 billion LBO. The combined company will be a pure-play national e-commerce solution in last-mile parcel delivery and enhance customers' ability to meet growing demand in the consumer delivery market
- In May 2021, CS Energy, a provider of solar power and energy storage development services was acquired by American Securities through an LBO for an undisclosed sum
- In November 2020, Complete Wind, a provider of inspection and engineering services for wind farms was acquired by Acuren, via its financial sponsor American Securities, through an LBO for an undisclosed sum
- In January 2020, MW Industries acquired NN (Life Science Division) via its financial sponsor American Securities, through a $825 million LBO. $755 million is payable in cash at closing and an additional $70 million earnout will be payable in cash based on the 2022 performance of the Life Sciences division. The transaction was supported by $488.31 million of debt financing in the form of a $60 million revolver and a $425 million in first-lien loan from Jefferies Finance, Goldman Sachs, Keybanc Capital Market and ING group and $3.31 million of senior secured first-lien debt from Business Development Corporation of America
- In January 2018, Fortifiber, a manufacturer of weather-resistive moisture management systems was acquired by Henry Company, via its financial sponsor American Securities, through a $121 million LBO
- In November 2012, WPS Empire State, a provider of energy infrastructure services was acquired by Lakeside Energy, via its financial sponsor American Securities, through an undisclosed amount LBO
- In March 2008, 150MW power generation facility of Williams Companies was acquired by Lakeside Energy, via its financial sponsor American Securities, through an LBO

Other Details

- Since inception American Securities holds a track record of 76 investments with $26 billion in committed capital. The firm's current portfolio consists of 27 investments generating $38 billion in revenues and $5 billion EBITDA. The firm currently has 152 employees operating out of 2 offices in New York & Shanghai
- American Securities' affiliated company AS Birch Grove is an alternative credit manager focused on corporate credit opportunities in North America and Europe managing approximately $6 billion of credit assets across an opportunistic hedge fund, private credit vehicles, par credit vehicles, and a CLO platform
- ACE & Company, Ares Management, Belfor USA Group, Five Points Capital, FleetPride, Henry Company, Leonard Green & Partners, Milk Specialties Global, Norwest Equity Partners, Rosetta Capital, SpecialtyCare, The Family Office Company, TPG, Trimaran Capital Partners, Wynnefield Capital are some of the co-investors who invest alongside American Securities

Source: Pitchbook, Company Website, Press Release

apax

1 rue Paul Cézanne Pedestrian path 75008 Paris France
Tel: +33 (0)1 53 65 01 00

Year Founded: 1972
www.apax.fr

Apax Partners is a private equity investment firm founded in 1972 and is based in Paris, France. The firm prefers to invest in business products, business services, consumer products, consumer services, healthcare, information technology, financial services, materials, technology & telecommunication, and resources sectors in Europe

AUM: $5.28B | Dry Powder: $2.18B

Key Contacts

Marc Benatar – Partner

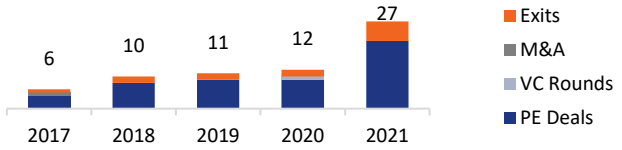
Henry Capelle – Partner

Caroline Rémus – Partner

INVESTMENT PREFERENCES

Preferred Industries	Apparel and Accessories, Communications and Networking, Containers and Packaging, Healthcare Services, Insurance, Media, Other Business Products and Services, Other Consumer Products and Services
Geographical Preferences	Europe
Preferred Deal Types	Buyout/LBO, Carveout, PE Growth/Expansion, Public to Private
Other Investment Preferences	Long-Term Investor, Prefers majority stake, Prefers minority stake, Seeks ESG investments, Seeks Impact investments, Will syndicate

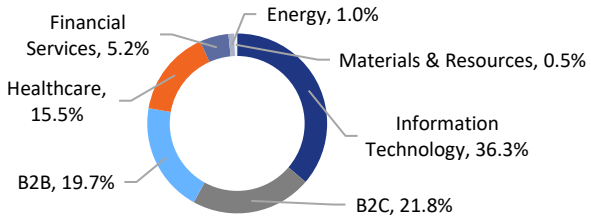
INVESTMENTS BY YEAR



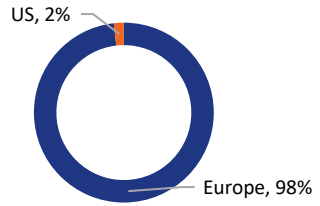
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Apax MidMarket X	2020	$1.9B	$1.86B	The fund targets investments in the healthcare, consumer product and service sectors
Apax Development Fund	2019	$282.6M	$282.56M	The fund targets investments in the media, healthcare and IT sectors in France
Apax France IX	2016	$1.09B	$26.76M	The fund focuses on LBO and growth capital investments in mid-size companies with EV up to €500 million

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

1 rue Paul Cézanne Pedestrian path 75008 Paris France
Tel: +33 (0)1 53 65 01 00

Year Founded: 1972
www.apax.fr

Key Investments

- In March 2022, Destiny acquired Call2Teams via its financial sponsors Apax Partners and Altamir, through an LBO for an undisclosed amount. Call2Teams is a subsidiary of QDOS SBL and provider of an online platform to offer unified data and voice communications services
- In January 2022, Meridix Systems, an operator of web-based analytics and reporting platforms was acquired by Destiny, via its financial sponsors Apax Partners and Altamir, through an LBO for an undisclosed amount
- In September 2021, HiField, a provider of cybersecurity, cloud and infrastructure services received $100 million of development capital from Apax Partners. Le Crédit Lyonnais and Volt Associes provided undisclosed amount of debt financing in support of the transaction
- In May 2021, Entoria, a provider of insurance brokerage services received c.$30 million of development capital from Apax Partners and other shareholders
- In July 2020, Chaucer Group, a provider of management consultancy services was acquired by Business Integration Partners, via its financial sponsors Apax Partners through a c. $75 million LBO. As part of the transaction, Growth Capital Partners has reinvested in the business for a minority shareholding
- In June 2020, Memorizer, a developer of lifestyle mobile application raised an undisclosed amount of seed funding from Apax Partners, Ardian and Abenex. Kima Ventures, BEX Capital, Creadev and 27 individual investors also participated in the round
- In December 2019, Graitec Group, a developer and provider of Computer-aided design (CAD) and engineering software was acquired by Apax Partners, Mr. Francis Guillemard and its management through a c.$261 million LBO
- In December 2019, FBM Grupo, a provider of consulting and training services was acquired by Business Integration Partners, via its financial sponsors Altamir and Apax Partners, through an LBO for an undisclosed sum

Other Details

- Apax invests in high-potential companies, SMEs and SMIs, listed or unlisted, in 4 sectors of activity in France and in continental Europe. Investments are targeted towards small and midcap companies, both listed and unlisted with enterprise values ranging from €10 million to €1 billion. As of 2021, Apax Partners has €4.8 billion assets under management, with €1.2 billion of net proceeds across all funds and €625 million in investment and commitments. Its current portfolio consists of 20 companies with 18% average revenue growth and 11% average EBITDA growth. The portfolio has created 32 build-ups adding €282 million turnover and €55 million EBITDA
- Its most recent open fund, Apax Private Equity Opportunities was created in November 2020 and is dedicated to life insurance contracts and capitalization contracts. APEO is a mutual risk investment fund (FCPR), open and evergreen (lifespan of 99 years) accessible in life insurance contracts via unit-linked units as soon as it is referenced and offered by the insurance company
- 3i Group, AGF Investments, AlpInvest Partners, Altamir, Bpifrance, Capio, Destiny, Expereo International, Galileo International, Goldman Sachs Asset Management, HealthCap Partners, Information Venture Partners, J.P. Morgan, Lion Capital, Nordic Capital, Omnes Capital, Qualium Investissement, SG AM Alternative Investments, Tang Capital Partners, UI Investissement, Zeres Capital are some of the co-investors who invest alongside Apax Partners

Source: Pitchbook, Company Website, Press Release

APOLLO

9 West 57th Street, 43rd Floor, New York, NY 10019, US
Tel: +1 (212) 515-3200

Year Founded: 1990
www.apollo.com

Apollo Global Management is a private equity and investment management firm headquartered in New York City, New York. Apollo specializes in credit-oriented capital and real estate markets. The firm business includes asset management, global wealth management solutions and retirement services

AUM: $497.6B | Dry Powder: $42.4B

Key Contacts

Marc Rowan – Co-Founder & Chief Executive Officer

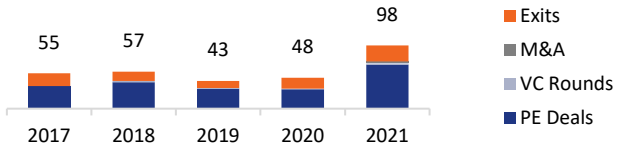
Scott Kleinman – Co-President

Martin Kelly – Chief Financial Officer & Chief Operating Officer

INVESTMENT PREFERENCES

Preferred Industries	Alternative Energy Equipment, Chemicals and Gases, Information Technology, Oil and Gas Equipment, Retail, Semiconductors, Commercial Banks, Agriculture, Communications and Networking, etc.
Geographical Preferences	Asia, Central America, Europe, Middle East, South America, US
Preferred Deal Types	Buyout/LBO, GP Stakes, PE Growth/Expansion
Other Investment Preferences	Invests in GP Stakes, Seeks Impact investments

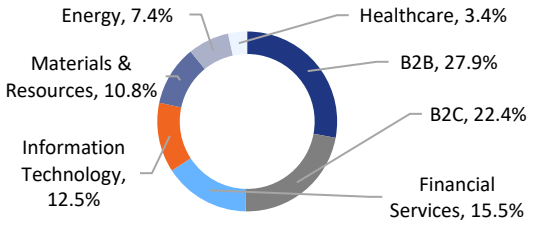
INVESTMENTS BY YEAR



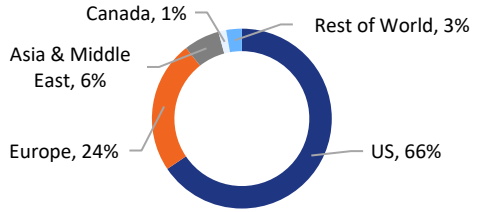
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Alteri Investors II	2019	NA	NA	The fund targets to invest in B2C sector
Apollo Opportunistic PE Access Fund	2017	$125M	$46M	The fund prefers growth investments in the business products & services sector
Apollo Investment Fund IX	2008	$24.73B	$11.44B	The fund targets to invest in information technology, consumer products and services, energy, financial services, etc.

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

APOLLO

9 West 57th Street, 43rd Floor, New York, NY 10019, US
Tel: +1 (212) 515-3200

Year Founded: 1990
www.apollo.com

Key Investments

- In February 2022, Tenneco, a manufacturer of specialty microelectronic components entered into a definitive agreement to be acquired by Apollo Global Management through an estimated $7.1 billion public-to-private LBO. The acquisition will allow the company to continue to invest in and grow its multiple segments and global footprint
- In December 2020, Renew, a provider of operations and maintenance services intended for the renewable energy market was acquired by Takkion Holdings, via its financial sponsor Apollo Global Management, through an LBO
- In August 2020, Apollo Global Management invested $265 million of development capital through convertible debt and equity to acquire an equity stake in US Wind. The capital will be used to fund development and construction costs associated with a major offshore wind energy project off the coast of Maryland
- In January 2020, energy infrastructure company New Fortress Energy raised $800 million 3-year term loan from funds managed by Apollo Global Management. Proceeds will be used to fund the development and construction of the company's energy infrastructure projects globally
- In March 2019, Apollo Global Management LLC. acquired a 6% stake in independent power producer Clearway Energy Inc.
- In October 2018, Apollo Global Management, LLC acquired an approximately $1 billion portfolio, from GE Capital's Energy Financial Services unit. The Equity Portfolio comprises approximately 20 investments in renewable energy, contracted natural gas fired generation and midstream energy infrastructure assets, primarily in the US. Financial details of the transaction were not disclosed
- In January 2018, Northwoods Energy LLC., a portfolio company of certain funds managed by affiliates of Apollo Global Management, acquired SM Energy's core Powder River Basin assets
- In December 2017, Apollo Global Management signed a $50 million mezzanine deal for a 299MW portfolio of under construction wind projects in Chile
- In December 2015, Solar sales and customer-acquisition platform company Sungevity raised $650 million in project finance and equity funding from Apollo Global Management. $600 million was for project finance and $50 million was part of an equity financing by existing investors including GE Ventures, as well as new investors including Apollo Investment Corporation
- In May 2015, Apollo Global Management LLC acquired two security monitoring companies Protection 1 and ASG Security. No financial terms were disclosed for the transaction. Both companies to merge and operate under the Protection 1 brand. Protection 1 also has its own fledgling solar panel business

Other Details

- Apollo Global Management employs 2,000 employees, including more than 550 investment professionals worldwide. The Company's asset management business seeks to provide its clients return along the risk-reward spectrum from investment grade to private equity with a focus on three business strategies: yield, hybrid and equity. Its retirement services business, Athene, provides a suite of retirement savings products to help clients
- Apollo's most recent fund is AIOF II Pomodoro Co-Invest and the available dry powder is 100%. Apollo's most recent upcoming fund is Apollo Investment Fund X with a target size of $25 billion
- Accel-KKR, 3M Ventures, 360 Capital Partners, 21st Century Fox, ABN AMRO Rothschild, ABRY Partners, Antares Capital, Audax Group, Bain Capital Credit, CBAM, Citigroup, Credit Suisse, Deutsche Bank are some of the co-investors who invest alongside Apollo Global Management

Source: Pitchbook, Company Website, Press Release

ARES

2000 Avenue of the Stars, 12th Floor, Los Angeles, CA 90067, US
Tel: +1 (310) 201-4100

Year Founded: 1997
www.aresmgmt.com

Ares Private Equity Group is a private equity investment firm that seeks to make majority or shared-control investments in businesses with strong franchises and attractive growth opportunities in North America and Europe. The firm is based in Los Angeles, California and is the private equity division of Ares Management

AUM: $32.7B | Dry Powder: $10.61B

Key Contacts

Bennett Rosenthal – Co-Founder, Partner, Director & Co-Head Private Equity Group

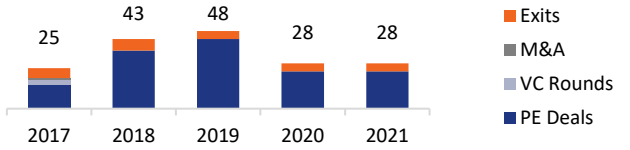
Matthias Sander – Managing Director

Dion Ferrell – Managing Director

INVESTMENT PREFERENCES

Preferred Industries	Energy Services, Other Energy, Energy Equipment, Medical, Apparel and Accessories, Commercial Products, Commercial Services, Commercial Transportation, Consumer Durables, Retail, Utilities, etc.
Geographical Preferences	China, Europe, North America
Preferred Deal Types	Buyout/LBO, Convertible Debt, Debt - General, PE Growth/Expansion, Public to Private
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Seeks distressed investments, Seeks ESG investments, Will syndicate

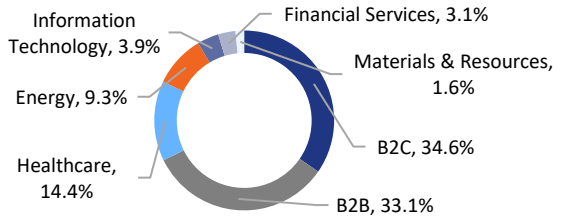
INVESTMENTS BY YEAR



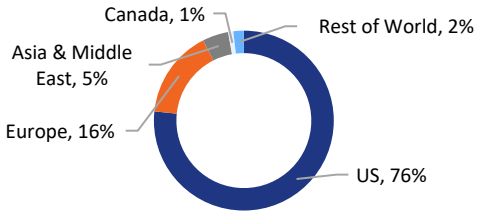
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Ares Special Opportunities Fund II	2021	$3.16B	$3.16B	The fund focuses on investing in the debt and equity of companies in financial distress
Ares Pathfinder Fund	2021	$3.70B	£2.40B	The fund invests in alternative credit assets in the credit, private equity and real estate sectors
Ares Corporate Opportunities Fund VI	2020	$5.74B	$3.04B	The fund invests in Europe and North America

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

ARES

2000 Avenue of the Stars, 12th Floor, Los Angeles, CA 90067, US
Tel: +1 (310) 201-4100

Year Founded: 1997
www.aresmgmt.com

Key Investments

- In July 2021, Colorado Center for Reproductive Medicine, an operator of a network of in vitro fertilization clinics was acquired by Unified Women's Healthcare, via its financial sponsors Altas Partners, Ares Private Equity Group and Oak HC/FT, through a $775 million LBO
- In February 2020, Ares Management's Infrastructure and Power group partnered with developer Dimension Renewable Energy for a portfolio of utility-scale battery energy storage projects with cumulative capacity of 300MW. Ares Infrastructure and Power will acquire and construct the New York based projects once certain development milestones are met
- In December 2019, Ares Infrastructure and Power closed a $50 million mezzanine financing, backing a 210MW portfolio of contracted solar parks in the PJM Interconnection. The solar parks are owned by SunEnergy1
- In September 2019, The power and energy infrastructure strategy of Ares Management and Apex Clean Energy funds joined hands to back a 200MW renewable wind power project in Texas which will go to power operations for Facebook. The financial details of the deal were not announced. The 200MW project is part of the 525MW Aviator Wind project located in Coke County, Texas. Facebook has signed a renewable power purchase agreement to meet its long term renewable energy goal
- In August 2019, Ares Management Corporation invested in Heelstone Energy, a utility-scale solar developer with expertise in development, construction, operation and finance. The financial terms were not disclosed. In conjunction with the investment, Heelstone Energy was rebranded to Heelstone Renewable Energy LLC
- In May 2019, Ares Management Corporation and Oaktree Capital Management, L.P. invested in Infrastructure and Energy Alternatives, Inc. Under the terms of the transaction, the funds acquired $50 million of newly created Series B Preferred Stock from the Company. Infrastructure and Energy Alternatives is an infrastructure construction company with specialized energy and heavy civil expertise
- In December 2018, Ares Management Corporation through a fund managed by its Infrastructure and Power strategy, acquired three operating utility-scale wind facilities in Texas from BP Wind Energy North America, Inc. The acquisition includes two wind facilities located in the ERCOT West region – Sherbino Mesa 2 (145MW) and Trinity Hills (225MW) – and one wind facility located in the ERCOT North region – Silver Star (60MW)
- In April 2018, Ares EIF, the power and energy infrastructure strategy of Ares Management, L.P. invested in Conti Solar to acquire majority stakes in the company. The terms of the transaction were not disclosed. Conti Solar, previously a wholly-owned subsidiary of the Conti Group, offers development, engineering, procurement, construction, and operations of solar and energy storage projects totalling more than 500MW throughout the US

Other Details

- Ares Management's private equity arm Ares Private Equity Group has approximately $33.4 billion of assets under management. The group's activities are managed by investment teams in North America and Europe, and to a lesser extent, China.
- The group manages flagship corporate private equity funds focused on North America and Europe, special opportunities, an energy opportunities fund, a continuation fund and related co-investment vehicles and two China growth funds
- ABRY Partners, Abu Dhabi Investment Authority, Access Industries, Admiral Permian Resources, Advarra, AEA Investors, Allianz Global Investors, Altas Partners, Anchorage Capital Group, Apollo Global Management and Athyrium Capital Management are some of the co-investors who invest alongside Ares Private Equity Group

Source: Pitchbook, Company Website, Press Release

BainCapital
PRIVATE EQUITY

200 Clarendon Street, Boston, MA 02116, US
Tel: +1 (617) 516-2000

Year Founded: 1984
www.baincapital.com

Bain Capital is a private equity and multi-asset alternative investment firm that prefers to invest in the retail, business service, consumer, financial service, healthcare, energy, technology, media, telecommunication and industrial sectors. The firm is also involved in real estate investments

AUM: $160B | Dry Powder: $30.49B

Key Contacts

Michael Ward – Managing Director, CFO & COO

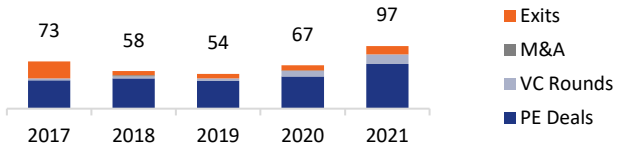
Jay Corrigan – Managing Director & CFO, Global Private Equity

Scott Weisman – Managing Director & Global Chief Compliance Officer

INVESTMENT PREFERENCES

Preferred Industries	Apparel and Accessories, Commercial Services, Consumer Durables, Consumer Non-Durables, Energy, Healthcare Services, Healthcare Technology Systems, etc.
Geographical Preferences	Asia, Europe, Northern Europe, North America, Middle East, UK, US
Preferred Deal Types	Add-on, Buyout/LBO, Early-Stage VC, Later Stage VC, PE Growth/Expansion, PIPE, Seed Round
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Will syndicate

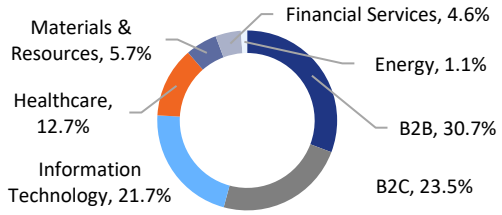
INVESTMENTS BY YEAR



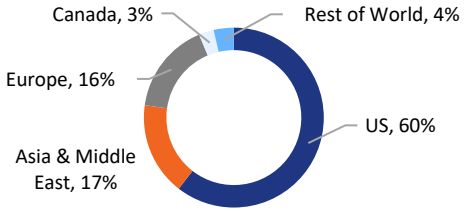
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Bain Capital Real Estate Fund II	2021	$3.00B	$2.7B	The fund preferably focuses on life sciences, content creation, e-commerce distribution & housing
Bain Capital Fund XIII	2021	$11.8B	$11.55B	The fund preferably invests in business services, finance, industrial and healthcare sectors, mainly in North America
Bain Capital Double Impact Fund II	2020	$800M	$651M	The fund targets investments in the healthcare, education and training sectors in North America

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

BainCapital
PRIVATE EQUITY

200 Clarendon Street, Boston, MA 02116, US
Tel: +1 (617) 516-2000

Year Founded: 1984
www.baincapital.com

Key Investments

- In February 2022, Athenahealth, a developer of medical practice automation and claims management software was acquired by Hellman & Friedman, Bain Capital, Bain Capital Tech Opportunities and Government of Singapore Investment Corporation through a $17 billion LBO. In support of the transaction, JPMorgan Chase, Truist, Stifel Bank & Trust and other lenders provided $7.9 billion of debt financing in the form of a $1 billion revolver facility, a $5.9 billion term loan B and a $1 billion delayed drawn term loan B
- In August 2021, Patientco Holdings, a developer of consumer payment tools was acquired by Waystar Health, via its financial sponsors EQT, Bain Capital and Canada Pension Plan Investment Board, through a $450 million LBO
- In March 2021, NewLink Group, a Chinese developer of an energy management and transportation digital platform raised $200 million of venture funding in a deal led by Bain Capital. Joy Capital also participated in the round
- In February 2020, FDL Servizi, a developer of software that specializes in the management of technological energy systems was acquired by Engineering Ingegneria Informatica, via its financial sponsors Neuberger Berman and Bain Capital, through an LBO for an undisclosed sum
- In October 2019, Bain Capital acquired Japanese e-mail service provider from a US marketing solutions provider Cheetah Digital, Inc. The financial terms of the deal were not disclosed
- In June 2019, Bain Capital acquired the HR business, including personnel and payroll software, from Works Applications Co., Ltd., a corporate software developer. The financial terms of the acquisition were not disclosed
- In January 2019, Bain Capital acquired a majority stake in US-based digital technology consulting and solutions firm Brillio, in a control transaction that was led by the private equity firm's India based team
- In October 2017, Bain Capital Private Equity acquired DIVERSEY, a hygiene and cleaning solutions company, from Sealed Air Corporation. Diversey continues as a standalone company that includes the Diversey Care division of Sealed Air as well as the food hygiene solution business that was part of its Food Care division
- In April 2017, Bain Capital Private Equity acquired Consolis, a European group specialized in the design and manufacture of high-performance pre-cast concrete products, from LBO France
- In January 2016, Japan Wind Development Co., Ltd., a Bain Capital portfolio company and Development Bank of Japan Inc. formed Japan Wind Power Joint Fund Co., Ltd., to acquire and jointly manage an approximately 200MW portfolio of operating wind power generation facilities owned by JWD and its affiliates. JWD reinvested into its 500MW pipeline of wind farms under development in Japan
- In March 2015, Bain Capital Partners LLC acquired Japan Wind Development Co Ltd., for €84 million

Other Details

- Since 1984, Bain Capital Private Equity has raised 12 global private equity funds, 5 European funds and 4 Asian funds. The company's private equity arm has more than 900 Private Equity LPs. It has made over 1,100 investments including primary and add-on over historical investments. Bain Capital Private Equity portfolio companies have realized $111 billion in revenues in 2021
- The company has long-term relationships with leading endowments, charitable foundations, public and corporate pensions, financial institutions, funds of funds, family offices and sovereign wealth funds. The private equity arm targets investments in the consumer, financial & business services, healthcare, industrials & technology sectors. Bain Capital's latest open funds include Bain Capital Credit Funding I & Bain Capital Credit CLO Management II
- 1984 Ventures, 32 Equity, 3i Group, Abrams Capital Management, ABS Capital Partners, Accel, ACE & Company, ADK Group, Advent International, AEA Investors, Ahlström Capital and Alaska Permanent Fund are some of the co-investors who invest alongside Bain Capital

Source: Pitchbook, Company Website, Press Release

BC PARTNERS

40 Portman Square London W1H 6DA England, UK
Tel: +44 (0)20 7009 4800

Year Founded: 1986
www.bcpartners.com

BC Partners is a private equity firm founded in 1986 and is based in London, UK. The firm prefers to invest in the business services, consumer, financial services, healthcare, industrials, retail, and TMT sectors. The firm prefers to invest in businesses in Europe and North America

AUM: $60B	Dry Powder: $10.33B

Key Contacts

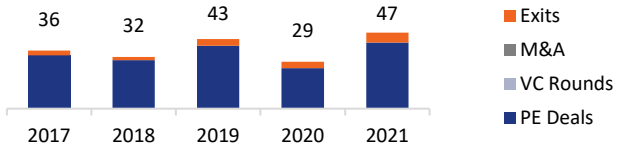
Fahim Ahmed – Partner and Chief Operating Officer

Marco Castelli – Partner

Michael Chang – Partner

INVESTMENT PREFERENCES	
Preferred Industries	Apparel and Accessories, Commercial Products, Commercial Services, Consumer Non-Durables, Educational and Training Services (B2C), Financial Services, Healthcare Services, Media, Restaurants, Hotels and Leisure, Retail, Software
Geographical Preferences	Europe, North America
Preferred Deal Types	Add-on, Buyout/LBO, Debt - General, Management Buyout, PE Growth/Expansion, PIPE, Public to Private
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Seeks ESG investments, Will syndicate

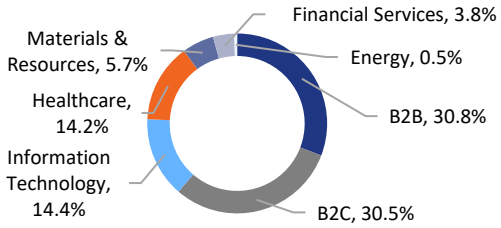
INVESTMENTS BY YEAR



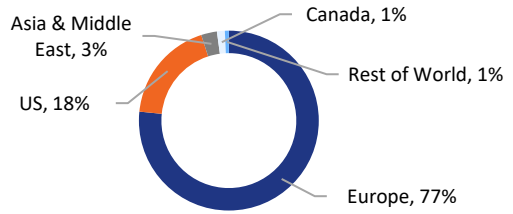
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
BC European Capital XI	2020	$7.8B	$7.81B	The fund invests in a wide variety of sectors including IT, education, medical, machinery, etc.
BC European Capital X	2017	$8.4B	$947.58M	The fund focuses on pan-European buyouts showing defensive growth characteristics
BC European Capital IX	2011	$8.9B	$0.00	The fund targets 15 to 20 European companies with enterprise values of €300 million to €2 billion

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

BC PARTNERS

40 Portman Square London W1H 6DA England, UK
Tel: +44 (0)20 7009 4800

Year Founded: 1986
www.bcpartners.com

Key Investments

- In April 2022, Worksmart Solutions, a developer of financial regulatory technology was acquired by Davies Group, via its financial sponsors ICG Enterprise Trust, Ardian, BC Partners, Alberta Investment Management and HGGC, through an LBO for an undisclosed amount
- In May 2021, Edgar Suites, an operator of short-term furnished apartment rental services received $125.17 million of development capital from BC Partners
- In February 2021, Industria Macchine Automatiche, a designer and manufacturer of automatic packaging and processing machines was acquired by BC Partners through an estimated $1.72 billion public-to-private LBO
- In January 2021, Nova Televizia, a provider of television broadcasting services was acquired by United Group, via its financial sponsors Kohlberg Kravis Roberts and BC Partners, through an estimated $334.64 million LBO
- In July 2020, Vivacom, a provider of telecommunication services was acquired by United Group, via its financial sponsors Kohlberg Kravis Roberts and BC Partners, through a $1.37 billion LBO
- In February 2020, American Waste (Michigan), a provider of solid and liquid waste management services was acquired by GFL Environmental, via its financial sponsors, BC Partners, Government of Singapore Investment Corporation (GIC), and Ontario Teachers' Pension Plan, through a $380 million LBO. The deal involves $360 million in cash and $20 million in non-voting GFL shares
- In December 2019, Presidio, a provider of IT professional and managed services received $125 million of debt financing in the form of senior notes from Citigroup, J.P. Morgan Securities, RBC Capital Markets, BofA Securities, BC Partners and MUFG
- In June 2019, Telemach Hrvatska, a provider of telecommunication services was acquired by United Group, via its financial sponsors BC Partners and Kohlberg Kravis Roberts, through a $246.02 million LBO
- In November 2018, Waste Industries USA, a provider of solid waste management services was acquired by GFL Environmental, via its financial sponsors BC Partners, NB Private Equity Partners and Ontario Teachers' Pension Plan, through a $2.285 billion LBO. Barclays Bank, BMO Capital Markets and Royal Bank of Canada are Joint Lead Arrangers and Joint Bookrunners under the Term Loan B Facility

Other Details

- Founded in 1986, BC Partners is a leading alternative investment manager focused on private equity, credit, and real estate, with deep networks across Europe and North America. The firm currently has approximately $60 billion of assets under management. Currently, BC Partners has over 124 investments across 18 countries in 4 sectors with a total enterprise value of €161 billion
- Till date, the firm's private equity segment has raised 11 successive funds totaling over €30 billion of committed capital. The investment team currently totals 58 professionals, with over 540 years of combined private equity experience. The firm's most recent open fund is BC Partners Clay Co-Investment
- Acuris, Ares Management, Cigierre, Davies Group, GardaWorld, HPS Investment Partners, Intermediate Capital Group, Longview Asset Management, Noble Rock Advisors, Pollen Street Capital, StepStone Group, Teneo Holdings, United Group, Vetpartners, Vista Equity Partners are some of the co-investors who invest alongside BC Partners

Source: Pitchbook, Company Website, Press Release

Centerbridge

375 Park Avenue, New York, NY 10152, US
Tel: +1 (212) 672-5000

Year Founded: 2005
www.centerbridge.com

Centerbridge Partners is a private equity firm headquartered in New York, with an additional office in London. The firm prefers to invest in companies from the consumer, financial services, real estate, healthcare, industrial, and technology, media, telecom sectors

AUM: $33B | Dry Powder: $6.99B

Key Contacts

Jeffrey H. Aronson – Co-Founder & Managing principal

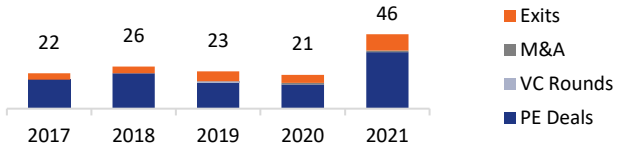
Gordon Morrison – Managing Director & Chief Financial Officer

Bill Neuenfeldt – Senior Managing Director and Chief Operating Officer

INVESTMENT PREFERENCES

Preferred Industries	Capital Markets/Institutions, Commercial Banks, Commercial Products, Other Financial Services, Restaurants, Hotels and Leisure
Geographical Preferences	South America, US, Western Europe
Preferred Deal Types	Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Seeks distressed investments, Seeks ESG investments, Will syndicate

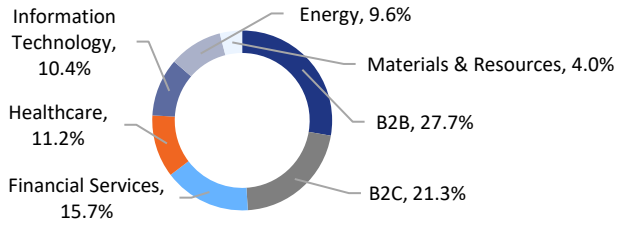
INVESTMENTS BY YEAR



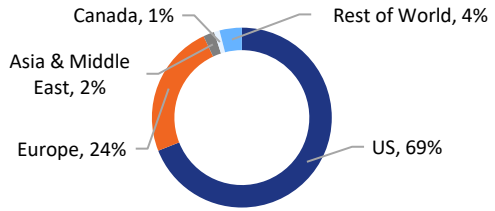
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Centerbridge Partners Real Estate Fund II	2021	$2.30B	$2.30B	Investment focus is on storage, digital real estate, industrial & logistics, residential sectors
Centerbridge Capital Partners III	2015	$6.17B	$0.00	The fund makes buyout and distressed-for-control investments in companies located in the US & Western Europe
Centerbridge Capital Partners II	2011	$4.50B	$0.00	The fund invests in private equity and distressed assets in the US & Western Europe

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

Centerbridge

375 Park Avenue, New York, NY 10152, US
Tel: +1 (212) 672-5000

Year Founded: 2005
www.centerbridge.com

Key Investments

- In February 2022, Westrec Marinas, an owner and operator marina facilities was acquired by Suntex Marinas, via its financial sponsors Centerbridge Partners, Resilient Capital Partners, Samson Investment Partners and Wafra, through an estimated $400 million LBO
- In November 2021, Medical Solutions, a provider of staffing services intended for hospitals, clinics, and long-term care facilities was acquired by Centerbridge Partners, Caisse de dépôt et placement du Québec Beecken Petty O'Keefe & Company and PNC Erieview Capital through an estimated $2.3 billion LBO
- In October 2020, a home care agency “Help at Home” was acquired by Vistria Group and Centerbridge Partners through a $1.4 billion LBO. Later, company was merged with Sevita which allowed Sevita to expand its offerings to include an additional residential, supportive living and day center programs
- In September 2019, Centerbridge Partners, L.P. acquired Solidus from AURELIUS Equity Opportunities SE & Co. KGaA. Solidus is a fibre-based sustainable packaging producer in Europe. It operates from 15 locations across seven countries: the Netherlands, Belgium, France, Germany, Spain, Portugal and the UK
- In December 2018, Centerbridge Partners LP acquired Civitas Solutions Inc for about $1.4 billion from Vestar Capital Partners. Civitas, of Boston, provides home and community health services to people with disabilities. Centerbridge acquired all outstanding shares of Civitas common stock for $17.75 in cash per share
- In September 2017, Enel SpA and Centerbridge Partners LP entered into a Joint Venture (JV) to build a 154MW wind farm in Greece. The purpose of the JV was to construct and operate seven wind farms at Kafireas on Greece's Evia island
- In July 2017, Centerbridge Partners, L.P. acquired Syncsort Incorporated and Vision Solutions, Inc. from Clearlake Capital Group, L.P. for approximately $1.26 billion. Clearlake, which acquired Syncsort in 2015 and Vision in 2016 retained a minority ownership stake. Syncsort and Vision was combined and is operating under the Syncsort name. Syncsort is a provider of enterprise software
- In April 2015, Centerbridge Partners, L.P. acquired Senvion SE from Suzlon Energy Limited for approximately €1 billion. Senvion is a manufacturer of onshore and offshore wind turbines. The international mechanical engineering company develops, produces and markets wind turbines for almost any location – with rated outputs of 2MW to 6.15MW and rotor diameters of 82 metres to 152 metres
- In December 2014, Centerbridge Partners, L.P. acquired IPC Systems, Inc. from Silver Lake Partners. IPC Systems provides network services, trading communication technology and enhanced services to the financial markets community. IPC offers services and solutions for capital markets participants across all asset classes

Other Details

- The firm operates through private equity, credit & real estate platforms. The firm invests in various sectors namely, consumer, financial services, healthcare, industrials, real estate, technology, and media & telecom. The firm has 300 employees including over 100 investment professionals
- The private equity, credit & real estate platform currently totals capital commitments of approximately $16.9 billion, $12.81 billion & $3.21 billion respectively. The firm currently has 8 open funds, CB Atlantic Co-Invest & CB Martello Fund being the most recent
- ACE & Company, Advent International, AHEAD, Aktua Soluciones Financieras, Alaska Permanent Fund, Alpha Bank, Allianz Real Estate, American Renal Associates, Apollo Global Management, Centaurus Capital, Endemol, Focus Financial Partners, Gallatin Point Capital, Goldman Sachs Merchant Banking, Greenaap Investments, Palladium Equity Partners, Polaris Partners & Pollen Street Capital are some of the co-investors who invest alongside Centerbridge Partners

Source: Pitchbook, Company Website, Press Release

CITIC CAPITAL
中信資本

28/F, CITIC Tower, 1 Tim Mei Avenue, Central Hong Kong, Hong Kong
Tel: +852 3710 6888

Year Founded: 2002
www.citiccapital.com

CITIC Capital is an alternative investment management and advisory company. The firm combines a deep knowledge of the Chinese business and financial markets with world-class investment expertise to create and maximize value for its investors

AUM: $29B	Dry Powder: $1.52B

Key Contacts

Yichen Zhang – Founder, Chief Executive Officer & Chairman

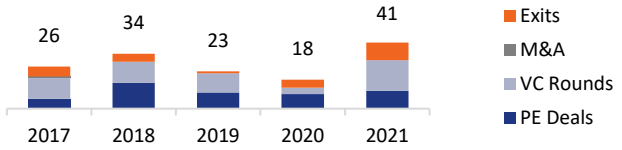
Eric Chan – Chief Financial Officer & Senior Managing Director

Annie Fung – COO & Senior Managing Director

INVESTMENT PREFERENCES

Preferred Industries	Beverages, Capital Markets/Institutions, Commercial Products, Commercial Services, Energy, Food Products, Software, Media, Retail, Transportation, etc.
Geographical Preferences	Asia, Europe, Middle East, North America
Preferred Deal Types	Buyout/LBO, Convertible Debt, Debt - General, Early-Stage VC, Joint Venture, Later Stage VC, Mezzanine, PE Growth/Expansion, Recapitalization, Seed Round, Senior Debt, Subordinated Debt
Other Investment Preferences	Prefers minority stake, Will syndicate

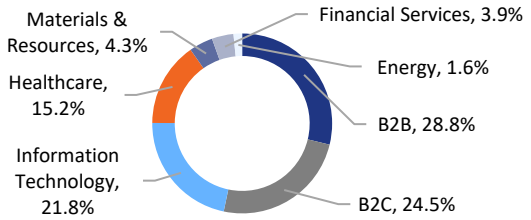
INVESTMENTS BY YEAR



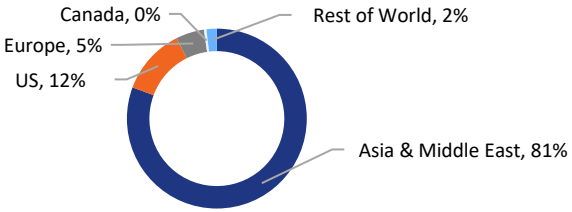
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
CITIC Capital Pan Eurasia Fund	2020	$75M	NA	The fund preferably invests in energy efficiency and renewables, food safety, logistics, transport sectors in Asia & Europe
CITIC Capital China Partners IV	2019	$2.8B	$1.11B	The fund preferably focuses on business & consumer services, healthcare, IT in Mainland China
CITIC Capital China Partners III	2017	$1.57B	$0.00	Fully invested fund focusing on business & consumer services, IT, energy sectors mainly in China

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

CITIC CAPITAL
中信資本

28/F, CITIC Tower, 1 Tim Mei Avenue, Central Hong Kong, Hong Kong
Tel: +852 3710 6888

Year Founded: 2002
www.citiccapital.com

Key Investments

- In September 2021, Wanda Commercial Management, a provider of commercial operation and management services received $6 billion of development capital from PAG, Tencent Holdings, Ant Group, Country Garden Holdings Company and CITIC Capital
- In August 2020, XNorthwest Hardwoods acquired a portfolio of four properties based in the UK for £260 million, via its financial sponsor CITIC Capital and Littlejohn & Co
- In January 2020, a Shanghai-based environment company, SUS Environment backed by CITIC Private Equity announced that it is seeking energy-from-waste projects in Belt and Road countries, particularly in Southeast Asia
- In May 2019, CITIC Capital invested in Cityneon Holdings. Cityneon, through its subsidiaries provides creative solutions in the area of interior architecture, events, exhibitions, and all manner of experiential environment through the actualization of creativity, production, execution, and delivery
- In May 2019, CITIC Capital acquired Hangzhou UCO Cosmetics, the Chinese e-commerce service provider that operates sites such as Estée Lauder China, L'Occitane and Clarins, amongst others. CITIC Capital acquired the shares from Qingdao Kingking Applied Chemistry. The terms of the deal was not disclosed. However, the acquisition by the private equity arm of CITIC Capital was reported to be around $209 million
- In December 2018, CITIC Capital acquired 33% stake in pallet and other returnable packaging pooling solution provider China Merchants Loscam from Sinotrans for an undisclosed amount
- In April 2018, CITIC Capital and China Everbright invested $150 million through equity and debt funding in Artic Green Energy, a renewable energy company focused on creating zero-emission cities. As an early investor since May 2015, CITIC Capital exercised its conversion rights to acquire direct equity of $30 million in Arctic Green Energy"
- In April 2018, CITIC Capital China Partners, the private equity arm of CITIC Capital Holdings Limited acquired Trilogy International Limited, a New Zealand-based company that owns several natural beauty care and home fragrance brands
- In December 2016, Japanese trading house Itochu and Citic Group acquired 20% stake of the operator of the Butendiek wind farm in the North Sea off the German coast. The two companies acquired the shares with equal contributions from a European investment fund, marking the first investment in offshore wind power for both Itochu and CITIC Group

Other Details

- The firm manages over $17 billion of capital. Its core businesses include Private Equity, Real Estate, Structured Investment and Finance, Special Situations, and Asset Management. The firm has 280 employees with offices in Hong Kong, Shanghai, Beijing, Shenzhen, Tokyo and New York
- CITIC Capital Partners' latest open fund Trustar Growth Partners I has a target size of $500 million. The fund will invest in Later Stage VC, PE Growth/Expansion in China
- 3i Group, Aavid Thermalloy, ACE & Company, Alibaba Group, AlpInvest Partners, Ancient Jade Capital Management, Baillie Gifford, BNP Paribas Développement, BOCGI Zheshang Capital, Boyu Capital, CDH Investments, Centurium Capital, Chengwei Capital, DT Capital Partners are some of the co-investors who invest alongside CITIC Capital Partners

Source: Pitchbook, Company Website, Press Release

CVC

20 Avenue Monterey Luxembourg, 2163 Luxembourg
Tel: +352 26 47 83 68

Year Founded: 1981
www.cvc.com

CVC Capital Partners is a private equity firm founded in 1981 and is based in Luxembourg. The firm prefers to invest in the building & construction, business services, chemicals, consumer & retail, energy & utilities, financial services, healthcare, manufacturing etc. The firm invests in businesses across Europe, the Americas & Asia

AUM: $135.21B | Dry Powder: $35.32B

Key Contacts

Chris Stadler – Managing Partner

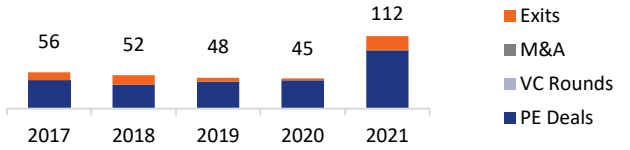
Lars Haegg – Managing Partner

Andrew Davies – Partner

INVESTMENT PREFERENCES

Preferred Industries	Business/Productivity Software, Capital Markets/Institutions, Chemicals and Gases, Commercial Banks, Construction and Engineering, Consumer Durables, Consumer Non-Durables, Energy Services
Geographical Preferences	Americas, Asia, Europe
Preferred Deal Types	Acquisition Financing, Buyout/LBO, Debt - General, Management Buy-In, Management Buyout, PE Growth/Expansion, Recapitalization
Other Investment Preferences	Long-Term Investor, Prefers majority stake, Prefers minority stake, Seeks distressed investments

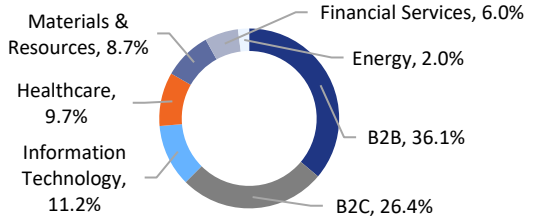
INVESTMENTS BY YEAR



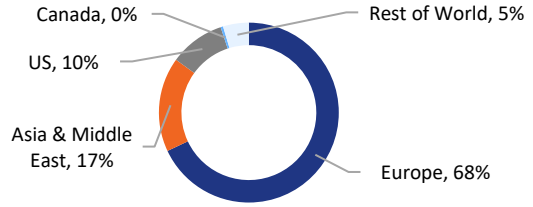
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
CVC Capital Partners Fund VIII	2020	$24B	$19.32B	The fund invests in well-managed and cash generative businesses across Europe and North America
CVC Capital Partners Asia Pacific V	2020	$4.4B	$4.12B	The fund focuses on control & partnership investments in core consumer and services sectors across Asia
CVC Growth Partners II	2019	$1.6B	$1.36B	The fund targets investments in the IT sector in Europe and North America

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

CVC

20 Avenue Monterey Luxembourg, 2163 Luxembourg
Tel: +352 26 47 83 68

Year Founded: 1981
www.cvc.com

Key Investments

- In February 2022, Disapo, an operator of an online pharmacy entered into a definitive agreement to be acquired by Parfümerie Douglas, via its financial sponsors Partners Group, CVC Capital Partners and Canada Pension Plan Investment Board through a $62.5 million LBO
- In December 2021, Razer, a gaming brand entered into a definitive agreement to be acquired by CVC Capital Partners, Mr. Min-Liang Tan, Mr. Kaling Lim and its management through an estimated $1.39 billion public-to-private LBO
- In August 2021, Sonae MC, an operator of food retail businesses sold a 24.99% stake in the company to CVC Capital Partners for $698.92 million. The transaction establishes a strategic partnership between Sonae and CVC Capital Partners who share the same vision for the company and supports its growth plan, while Sonae retains a controlling position
- In February 2021, RiverStone Insurance (UK), a provider of insurance advisory services was acquired by CVC Capital Partners through a $985 million LBO
- In October 2020, Groupe Elsan, an operator of hospitals was acquired by AXA, Mérieux Equity Partners, CVC Capital Partners, Kohlberg Kravis Roberts, Ardian and CNP Assurances through a $3.87 billion LBO
- In January 2020, Syntegon Technology was acquired by CVC Capital Partners through a c.$945 million LBO. Syntegon Technology is a manufacturer of processing, packaging and handling technology equipment & a subsidiary of Robert Bosch
- In March 2019, DR. Fischer Group sold a 20% stake in DKV to CVC Capital Partners for an estimated $452 million. The investment will support the company in accelerating its successful growth strategy in close cooperation with the majority owners & management. DKV is a provider of cash-free services for commercial goods and passenger transportation, toll and other mobility services
- In August 2018, Neptune Energy acquired Isabella gas condensate prospect in the UK Central North Sea, via its financial sponsors China Investment Corporation, CVC Capital Partners and The Carlyle Group, through an LBO
- In February 2018, Engie E&P International, a provider of oil and gas exploration and production services was acquired by Neptune Energy, via its financial sponsors the Carlyle Group and CVC Capital Partners and China Investment Corporation through a $5.8 billion LBO

Other Details

- Founded in 1981, CVC focuses on private equity and credit investing. The firms has €123 billion of assets under management, €157 billion of funds committed. Its global network has over 650 people, comprising 43 nationalities working in 25 office locations around the world. CVC's private equity platform manages €94 billion, and its credit platform manages €29 billion of assets
- The firm’s open fund, CVC Capital Partners Asia Pacific VI has a target size of $6 billion. The fund is located in Luxembourg and will target investments in Asia
- 3i Group, Abu Dhabi Investment Authority, Advantage Solutions (Irvine), Blackstone Credit, Centerview Capital, Intermediate Capital Group, J.P. Morgan, Kohlberg Kravis Roberts, Leonard Green & Partners, Oaktree Capital Management, Parcom Ventures, Warburg Pincus, VolkerWessels, Wendel Group are some of the co-investors who invest alongside CVC Capital Partners

Source: Pitchbook, Company Website, Press Release

DEMETER PARTNERS

7-9 rue La Boétie, 75008 Paris, France
Tel: +33 (0)1 43 12 53 33

Year Founded: 2005
www.demeter-im.com

Demeter Partners is a private equity firm based in Paris, France with a keen interest in venture capital and private equity investments for the ecological transition. The firm seeks to invest in innovative startups, high-growth small and medium-sized enterprises operating in the energy, ecological transitions, and infrastructure sectors

AUM: $1.11B | Dry Powder: $53.4M

Key Contacts

Stéphane Villecroze – Managing Partner & Co-Founding Partner

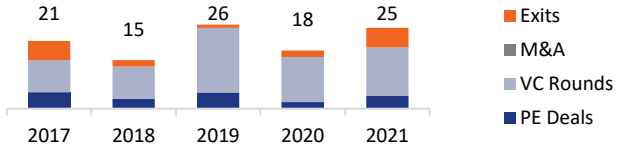
Lionel Cormier – Managing Partner

Corinne Roussel – Chief Financial Officer

INVESTMENT PREFERENCES

Preferred Industries	Agriculture, Commercial Products, Consulting Services (B2B), Energy, Environmental Services (B2B), Infrastructure, Other Business Products and Services, Other Consumer Products and Services, Restaurants, Hotels and Leisure, Retail, Services (Non-Financial)
Geographical Preferences	France
Preferred Deal Types	Buyout/LBO, Early-Stage VC, Later Stage VC, PE Growth/Expansion, Seed Round
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Seeks ESG investments, Seeks Impact investments, Will syndicate

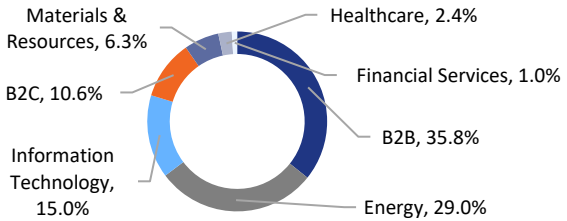
INVESTMENTS BY YEAR



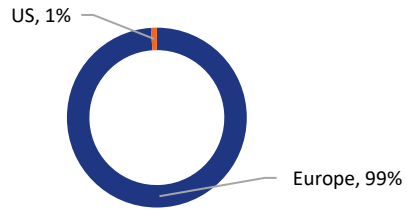
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Fund for Modernization of Transport Ecology	2020	€200M	NA	The fund is dedicated to the ecological modernization of transportation infrastructures
Demeter 5 Fund	2017	$210.4M	NA	The fund targets B2B & B2C products and services and industrial companies
Demeter 2 Fund	2009	$300.7M	NA	Fund targets cleantech investments in France and Europe

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

DEMETER PARTNERS

7-9 rue La Boétie, 75008 Paris, France
Tel: +33 (0)1 43 12 53 33

Year Founded: 2005
www.demeter-im.com

Key Investments

- In April 2022, Carlili, an operator of a car rental platform raised €24 million of Series A venture funding in the form of convertible note from Banque des Territoires and Demeter Partners
- In November 2021, ZE-Energy, a company involved in developing, building and operating photovoltaics and storage hybrid solar power plants raised €40 million of Series B venture funding from EverWatt, Sorégies, Demeter and 3 other investors
- In April 2020, MyLight Systems, a manufacturer of smart solar self-consumption systems raised €6.5 million of venture funding in a deal led by Demeter and Inter Invest Capital alongside other undisclosed investors
- In July 2019, Demeter raised more than €110 million of new debt to refinance its Société du Partenariat Solaire (Soparsol) portfolio of roof-mounted solar PV plants
- In July 2018, Demeter Partners with Phitrust Impact Investors, AVIVA Impact Investor invested €1.5 million on STIMERGY. Stimergy basically deals in Renewable Energy, Heat Generation, Cloud, IOT, SmartCities, and Hosting
- In Jan 2018, Suez through its Corporate Investment Fund invested a total of €4.2 million in ETIA Group. The aim was to support the ETIA Group's development in France and internationally and to create a full range of solutions to produce green energy. This agreement includes SUEZ investing in the gasification technology start-up and ETIA Group subsidiary COGEBIO together with Demeter Partners via its Demeter 3A seed fund and ETIA Group
- In May 2017, I-TEN, a firm specialized in solid and rechargeable micro-batteries closed €10 million Series B financing round with a group of new investors led by Eren Groupe and Habert Dassault Finances, and funds which were managed by Demeter Partners, Innovacom and Kreaxi. This funding consists of two stages: a first tranche of €6 million and a second tranche of €4 million
- In Jan 2017, Cozynergy, the French leader in energy renovation, raised €4.5 million to accelerate its development. The We Positive Invest funds, Aviva Impact Investing France, IRDI (IRDI SORIDEC Gestion), BTP Capital Investment and Demeter Partners were the investors
- In March 2016, Demeter Partners acquired a stake in solar power company Sun'R through its French investment fund Demeter 4 INFRA Fund. The fund invested in convertible bonds of the SH1 company, sole shareholder in the Sun'R structure

Other Details

- The firm invests from €1 million to €30 million to support companies at all stages of their development: innovative start-ups, high growth SMEs and infrastructure projects. It has a track record of managing €1 billion with 200 investments. It employs 38 executives. The firm operates through 7 offices located across France, Spain and Germany
- Demeter's latest open fund Demeter 6 is an early-stage venture capital fund. The fund targets investments in the sectors of hardware, artificial intelligence-based technologies and software
- 123 Investment Managers, 360 Capital Partners, ACE Management Equity Partner, AD Industries, Air Liquide, AGPM, BNP Paribas, Bpifrance, Braemar Energy Ventures, Emertec Gestion, Expanso Capital, EverWatt, Emertec Gestion, Intel Capital are some of the co-investors who invest alongside Demeter Partners

Source: Pitchbook, Company Website, Press Release

DENHAM CAPITAL

185 Dartmouth Street, 7th Floor, Boston, MA 02116, US
Tel: +1 (617) 531-7200

Year Founded: 2004
www.denhamcapital.com

Denham Capital Management is a private equity firm based in Boston, Massachusetts. The firm focuses on investments in oil and gas, mining and international power sectors. Since its inception Denham Capital has raised 10 institutional funds totalling over $12 billion in committed capital across multiple fund vehicles

AUM: $12B | Dry Powder: $999.7M

Key Contacts

Stuart Porter – Co-Founder, Managing Partner, CEO & CIO

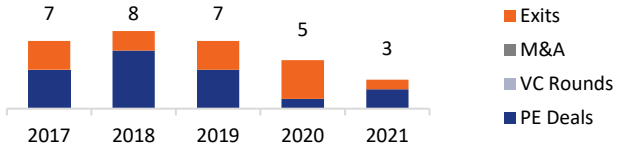
John Collins – Partner, Managing Partner & CFO

Bert Koth – Managing Director and Partner

INVESTMENT PREFERENCES

Preferred Industries	Energy Services, Exploration, Production and Refining, Metals, Minerals and Mining, Utilities
Geographical Preferences	NA
Preferred Deal Types	Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Long-Term Investor, Seeks ESG investments

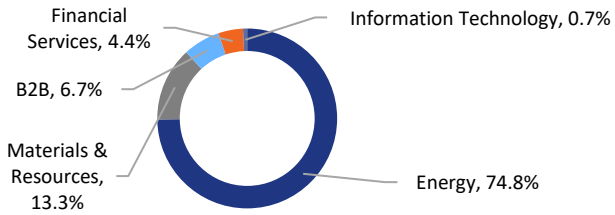
INVESTMENTS BY YEAR



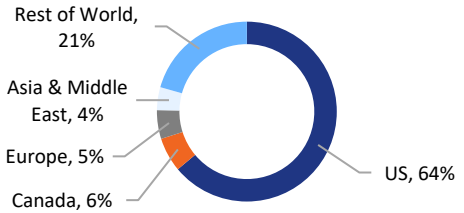
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Denham International Power Fund	2018	$1B	$95.4M	Investment focus is renewable energy sector in Africa, Asia and Latin America
Denham Mining Fund	2018	$414.3M	$138.6M	The Fund targets investments in coal, metals and minerals in Australia, Canada, South America & Africa
Denham Oil and Gas Fund I	2016	$900M	$0.00	Fund preferably invests in oil and gas exploration companies

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

DENHAM CAPITAL

185 Dartmouth Street, 7th Floor, Boston, MA 02116, US
Tel: +1 (617) 531-7200

Year Founded: 2004
www.denhamcapital.com

Key Investments

- In November 2021, Breitener Energetica, a manufacturer and supplier of clean electricity products was acquired by Ceiba Energy, via its financial sponsor Denham Capital Management, through a R$304 million LBO
- In Jan 2020, Denham Capital invested $250 million in Latin American firm Ceiba Energy, owner and developer of power generation assets. The investment aimed at allowing Ceiba to expand its portfolio of power projects in the region, where it currently controls over 50 installations including renewable and gas-fired power plants
- In Dec 2019, Denham Capital acquired 94% equity in Song Giang Hydropower JSC, which owns two hydropower projects in Vietnam with a combined 49MW of capacity. The value of the deal or details of any related power purchase agreements weren't disclosed
- In Mar 2019, Themis, an Africa-focussed power company backed by Denham Capital formed a partnership with Kingline Development Nigeria Limited (Kingline) to develop a 550MW natural gas-fired power plant in Ondo State, Nigeria
- In Mar 2018, Denham Capital teamed up with Themis to create a platform to make €250 million equity investments in natural gas and renewable power generation assets across Africa
- In Jan 2018, Jenner Renewables, a portfolio company of funds managed by Denham Capital announced the financial close on a portfolio of 12 solar projects in Chile totalling 146MW. Built in two phases, the portfolio's first phase totals 46MW and reached commercial operations in Q3 2018 while its second phase, totalling 100MW reached commercial operations by Q1 2019
- In May 2014, Denham Capital backed Pembroke Resources with an equity commitment of $200 million. The newly formed mining company based in Sydney looked to acquire and develop a portfolio of high-quality metallurgical coal assets in the Asia-Pacific region
- In June 2013, Denham Capital provided Endeavor Energy with an initial commitment of $100 million. The commitment made through Denham's $3 billion Fund VI, and other financial investors and project level equity partners. Endeavor generally invested in thermal and hydroelectric power projects in Africa, with a primary focus on independent power projects in mid-to-late-stage development within capacity-short markets
- In Jan 2013, Bright Horizon Resources closed $300 million equity commitment from Denham Capital. Bright Horizon Resources formed E&P company to pursue oil and natural gas opportunities in the Mid-Continent and ArkLaTex regions

Other Details

- The firm employs 46 investment professionals. It operates through four offices located in Boston, Houston, London and Perth. Denham's investment teams have extensive infrastructure, energy and resources investment experience, including technical experience as engineers, operators, and business owners
- Denham Capital specializes in private equity, infrastructure and debt. It preferably invests in sectors that are central to the economic and energy transitions including sustainable infrastructure, energy resources and mining. The firm's open fund PTC Investments is a buyout fund focused on investments in the US
- Alta Mesa Resources, Bayou City Energy, Babson Capital Management, Boro Capital, Covey Park Energy, Energy Spectrum Capital, Greenleaf Power, HPS Investment Partners, Kohlberg Kravis Roberts, Nexif, NGL Energy Partners, Sowood Capital Management, Tall City Exploration, Vision Ridge Partners, Warburg Pincus are some of the co-investors who invest alongside Denham Capital

Source: Pitchbook, Company Website, Press Release

EIG
GLOBAL ENERGY PARTNERS

600 New Hampshire Avenue North West, Suite 1200, Washington, DC 20037, US
Tel: +1 (202) 600-3300

Year Founded: 1982
www.eigpartners.com

EIG Global Energy Partners is a private equity firm based in Washington. The firm prefers to invest in the oil and gas, energy related infrastructure, renewable and power, geothermal sector and transmissions and distribution sectors

AUM: $23B	Dry Powder: $3.19B

Key Contacts

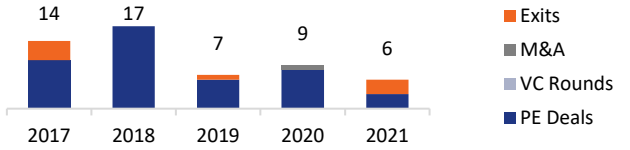
Robert Thomas – CEO and Chairman

Randall Wade – President

Benjamin Vinocour – Managing Director

INVESTMENT PREFERENCES	
Preferred Industries	Commercial Services, Commercial Transportation, Energy Production, Energy Services, Metals, Minerals and Mining, Other Business Products and Services, Other Financial Services
Geographical Preferences	Africa, Asia, Australia, Europe, Middle East, North America, South America
Preferred Deal Types	Buyout/LBO, Debt - General, Mezzanine, PE Growth/Expansion, PIPE, Secondary Buyout
Other Investment Preferences	Prefers majority stake, Seeks ESG investments, Will syndicate

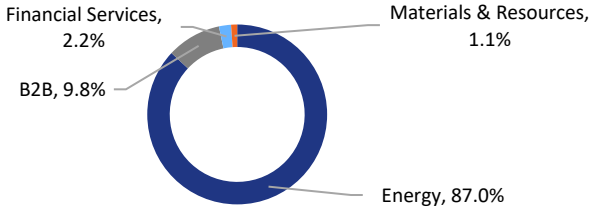
INVESTMENTS BY YEAR



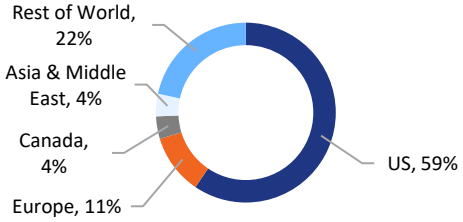
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
EIG Global Project Fund V	2020	$1.10B	$1B	The fund focuses on direct lending & investments in energy & infrastructure, midstream, power, renewable energy
EIG Energy Transition Fund	2020	$303.6M	$303.6M	The fund primarily invests in oil & gas sector
EIG Corpus Christi Co-Investment	2015	$407M	$50.7M	The fund primarily invests in the power sector

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

EIG
GLOBAL ENERGY PARTNERS

600 New Hampshire Avenue North West, Suite 1200, Washington, DC 20037, US
Tel: +1 (202) 600-3300

Year Founded: 1982
www.eigpartners.com

Key Investments

- In January 2022, 8minute Solar Energy, a developer of solar PV and storage projects received $400 million of development capital from EIG Global Energy Partners. The investment will allow the company to focus on technology innovation and advanced solar plant design, and to begin building projects on its own balance sheet
- In September 2020, Seagreen Wind Energy, an operator of an offshore wind farm in the UK was acquired by Total for an estimated GBP130 million. EIG Global Energy Partners provided mezzanine financing to support the transaction
- In November 2019, EIG Global Energy Partners through EIG Energy Fund XVII, agreed to acquire 100% of the non-controlling Class B membership interests in a NextEra subsidiary called South Texas Midstream, LLC for $750 million. A debt package of $540 million supported EIG in the acquisition. CIBC, MUFG Bank and Societe Generale were the coordinating lead arrangers on the financing
- In October 2019, The EIG Global Energy Partners-backed concentrating solar power (CSP) plant Cerro Dominador acquired SolarReserve's pre-construction 450MW Likana Solar CSP project. At the time the project required up to $2.4 billion in capex
- In May 2018, Chile's Cerro Dominador, a portfolio company of EIG Global Energy Partners, announced the signing of the financing for its concentrated solar power plant located in the Atacama desert, in Chile. The $758 million financings were subscribed by various lenders including Natixis, Deutsche Bank, Société Générale, ABN AMRO, Santander, Commerzbank and BTG Pactual as well as other institutional investors in a tranche parallel to the bank financing
- In March 2018, private equity firm EIG Global Energy Partners acquired Brazilian logistics company Prumo Logistica SA. The transaction was valued at around $166 million
- In January 2018, Triloma EIG Energy Income Fund and Triloma EIG Energy Income Fund – Term I, two fund from two unlisted investment companies that focus on privately originated energy company and project debt, are participating in the issuance of $100 million of Senior Secured Second Lien Notes and $150 million of Series B redeemable preferred stock issued by Rosehill Resources Inc.
- On February 16, 2017, EIG Global Energy Partners acquired Bioenergy Infrastructure Group, an independent power producer established to invest in the greenfield construction of biomass and waste to energy plants in the UK. The deal value was not disclosed

Other Details

- The firm invests in the oil & gas, midstream, infrastructure, power and renewables sectors globally. It has committed $39.7 billion to the energy sector through over 379 projects or companies in 38 countries across 6 continents. The firm has 128 employees operating from 7 offices globally
- EIG's clients include many of the leading pension plans, insurance companies, endowments, foundations and sovereign wealth funds in the US, Asia and Europe. The company's latest open fund is EIG FUND XVIII which was launched in February 2022
- Abengoa, Abu Dhabi Investment Authority, Barclays, Alfa (Mexico), Chrysaor Holdings, GE Energy Financial Services, Greenko Group, Jonah Energy, TPG Capital, Wells Fargo, J.P. Morgan, Government of Singapore Investment Corporation, The Blackstone Group, Wells Fargo, Warwick Capital Partners, Triangle Peak Partners, Tailwater Capital, The Carlyle Group are some of the co-investors who invest alongside EIG Global Energy Partners

Source: Pitchbook, Company Website, Press Release

EnCap Investments L.P.

59651 Katy Freeway, Suite 600, Houston, TX 77024, US
Tel: +1 (713) 659-6100

Year Founded: 1988
www.encapinvestments.com

Founded in 1988, EnCap Investments is a private equity and venture capital firm based in Houston, Texas. The firm seeks to invest in companies operating in the oil and gas and energy transition sectors based in the US

AUM: NA | Dry Powder: $4.97B

Key Contacts

Jason M. DeLorenzo – Managing Partner

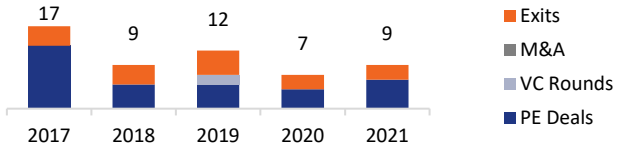
David B. Miller – Founder

Craig Friou – Chief Financial Officer

INVESTMENT PREFERENCES

Preferred Industries	Energy Equipment, Energy Services, Exploration, Production and Refining, Other Energy, Utilities
Geographical Preferences	US
Preferred Deal Types	Buyout/LBO, Early-Stage VC, Later Stage VC, PE Growth/Expansion, Seed Round
Other Investment Preferences	Prefers minority stake, Seeks ESG investments, Will syndicate

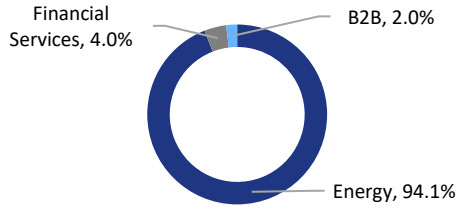
INVESTMENTS BY YEAR



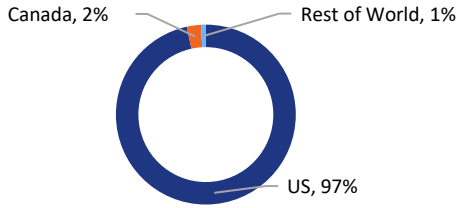
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
EnCap Energy Transition Fund I	2021	$1.2B	$1.2B	The fund targets to invest in wind, solar power, energy storage, oil & gas
EnCap Energy Capital Fund XI	2017	$7B	$3.14B	The fund provides growth capital to the upstream sector of the oil and gas industry in North America
EnCap Energy Capital Fund X	2015	$6.5B	$414.5M	The fund provides growth capital to the upstream sector of the oil and gas industry in North America

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

EnCap Investments L.P.

59651 Katy Freeway, Suite 600, Houston, TX 77024, US
Tel: +1 (713) 659-6100

Year Founded: 1988
www.encapinvestments.com

Key Investments

- In August 2021, Arbor Renewable Gas received an undisclosed amount of development capital from Mercuria Energy Asset Management and EnCap Investments. Arbor Renewable Gas is a producer of renewable gasoline and hydrogen focused on building a fleet of cost-effective, safe, and reliable energy
- In December 2020, Broad Reach Power acquired a 250MW wind project and a 250MW solar project, via its financial sponsors Yorktown Partners and EnCap Investments through an LBO for an undisclosed sum
- In December 2020, EnCap Investments created the Solar Proponent platform. Yorktown Partners, Phoenix Global Resources and Mercuria Energy Trading provided additional funding as a part of the transaction. Solar Proponent is a developer of utility-scale solar power projects. The company offers to create sustainable electricity infrastructure through the development of a pipeline of large-scale photovoltaic solar projects, helping shape a more diverse and reliable power grid
- In November 2020, Cascade Energy Storage Project of Enel was acquired by Broad Reach Power, via its financial sponsor EnCap Investments, through an LBO for an undisclosed sum. The Cascade Energy Storage Project consists of a 25MW, a 100MWh energy storage projects located in Stockton, California
- In October 2020, Triple Oak Power was acquired by EnCap Investments, Phoenix Global Resources, Yorktown Partners and the company's management, through an LBO for an undisclosed sum. Triple Oak Power is a developer of energy generation projects intended to generate high-quality onshore wind and competitive carbon-free power
- In March 2019, Catalyze raised $4.6 million of venture funding from Prisma Energy International, EnCap Investments and Yorktown Partners. Innosphere Fund also participated in the round. The funds will be used to expand their operations, finance and sales teams. Catalyze is a provider of an analytics and asset management platform intended to transform commercial real estate into resilient, sustainable, and profitable assets with integrated renewable energy solutions
- In January 2019, Jupiter Power raised an undisclosed amount of venture funding from EnCap Investments and Yorktown Partners. Jupiter Power is an operator of an energy storage company intended to offer power management for a changing grid

Other Details

- Since 1988, EnCap Investments has raised 22 institutional funds totaling more than $38 billion and currently manages capital on behalf of more than 350 US and international investors. The firm focuses on investments in the energy industry and anchors itself to upstream, midstream & energy transition sectors. The firm's transition team has more than 110 years of combined experience in the power and renewable sectors, including over 80 years of executive level experience in project origination and development, M&A and finance, risk management, power trading and marketing, operations & administration. The EnCap team currently consists of 50+ investment professionals
- 1901 Partners Management, aPriori Capital Partners, Avista Capital Partners, Broad Reach Power, Citigroup Alternative Investments, Donovan Ventures, Energy Special Situations Funds, FireWheel Energy, GE Energy Financial Services, Hydrocarbon Capital, Kayne Anderson Capital Advisors, Legacy Management Investors, Mansefeldt Investment, Phoenix Global Resources, Quantum Energy Partners, Riverstone Holdings, Silverhawk Capital Partners, Texas Capital Bank, Yorktown Partners are some of the co-investors who invest alongside EnCap Investments

Source: Pitchbook, Company Website, Press Release

ENERGY IMPACT PARTNERS

600 3rd Avenue, 38th Floor, New York, NY 10016, US
Tel: +1 (212) 899-9700

Year Founded: 2015
www.energyimpactpartners.com

Energy Impact Partners is a strategic private equity firm that invests in innovative technologies, services, and products throughout the energy supply chain from generation to consumption. It provides its strategic partners with critical information helping them plot a path into the future

AUM: $2.5B | Dry Powder: $1.53B

Key Contacts

Hans Kobler – Co-Founder, Managing Partner & CEO

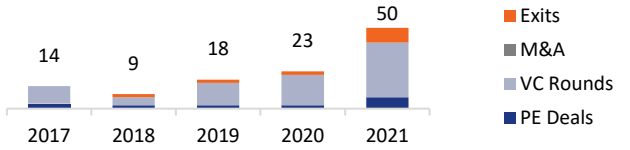
Joshua Feldman – Co-Founder, Partner, General Counsel & COO

Kyle Wool – Chief Financial Officer

INVESTMENT PREFERENCES

Preferred Industries	Energy Equipment, Energy Services, Exploration, Production and Refining, IT Services, Media, ommunications and Networking, Computer Hardware, Consumer Durables & Non-Durables, Other Energy, Restaurants, Retail, Semiconductors, Software, etc.
Geographical Preferences	Europe, North America
Preferred Deal Types	Buyout/LBO, Debt - General, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Seeks ESG investments, Seeks Impact investments

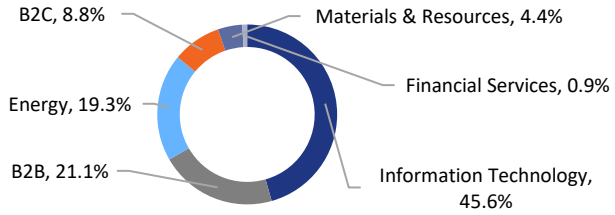
INVESTMENTS BY YEAR



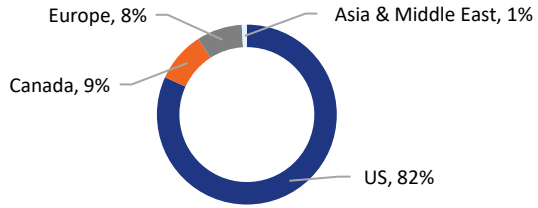
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
EIP Deep Decarbonizati--on Frontier Fund I	2021	$200M	NA	An infrastructure core fund targeting early-stage technologies that accelerate net-zero GHG transition
Energy Impact Fund II	2021	$1B	$889.5M	Focus on investing in venture and growth companies advancing critical climate solutions
Energy Impact Fund	2018	$786.3M	$543.5M	The fund targets investments in the energy sector and prefers impact investments

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

ENERGY IMPACT PARTNERS

600 3rd Avenue, 38th Floor, New York, NY 10016, US
Tel: +1 (212) 899-9700

Year Founded: 2015
www.energyimpactpartners.com

Key Investments

- In February 2022, Aspen Power Partners raised $120 million of venture funding from Energy Impact Partners, Ultra Capital, Two Seven Ventures and Redball Power. Aspen Power Partners is a provider of financing, development, construction and asset management services intended to assist in creating and distributing clean energy assets
- In August 2021, Form Energy, a developer of sodium-based energy storage system raised $240 million through a combination of debt and Series D venture funding in a deal led by ArcelorMittal. TPG, Coatue Management, Macquarie Asset Management, Energy Impact Partners, Temasek Holdings and 9 other investors who also participated in the round
- In March 2021, Powin Energy, a designer and manufacturer of battery energy storage products received $100 million of development capital from Trilantic North America, Greenbelt Capital Management and Energy Impact Partners. The transaction will enable the company to accelerate its growth plans while enhancing its bankability profile and solidifying its position in the energy storage market
- In May 2019, Innowatts, an automated toolkit for energy monitoring and management, targeting utilities, raised $18.2 million in a new round of funding led by Energy Impact Partners with other existing investors Shell Ventures, Iberdrola and Energy and Environment Investment, Evergy Ventures. This investment enabled Innowatts to extend application of its eUtility platform, helping regulated utilities, retail energy providers, and smart grid operators increasing the value of digitalization within their businesses, lowering energy costs and delivering a more personalized energy experience
- In Feb 2019, Energy Impact Partners provided up to $20 million in financing facilities to Palmetto Clean Technology, Inc. through EIP's credit platform, the Energy Impact Credit Fund (EICF). The financing will be used to expand Palmetto's North American presence, increase staffing and programs to drive sales
- In Jan 2019, Energy Impact Partners invested $5.7 million (€5 million) in ViriCiti, a Europe-based EV fleet efficiency technology company in a Series A round. With this investment, the company expanded and offered telematics and optimization services to non-EV buses and trucks
- In Oct 2018, Energy Impact Partners, through its Energy Impact Credit Fund provided $22 million credit facility to Aquam Corporation. The financing comprised $17 million loan for refinancing and working capital, as well as $5 million as delayed draw term loan for growth and acquisitions. Aquam Corporation provides infrastructure support, rehabilitation, diagnostics and monitoring solutions for water and gas infrastructure

Other Details

- Energy Impact Partners is backed by some of the world's largest and most progressive energy companies. Energy Impact Partners is a platform created by utilities and for utilities, working with a proven collaborative investment model. Some of the key partners of the firm are Alliant energy, Ameren, Avista, Fortis, Madison Gas & Electric, Evergy etc. Till date the firm has $2.5 billion in assets under management. It has made over 80 investments and has above 40 strategic partners. It employs 60 employees operating from 6 offices worldwide
- The firm's latest open fund Energy Impact Credit Fund II has a target size of $100 million. The fund has raised $32.3 million so far. It is a credit special situations fund focused on the renewables sector. The fund invested in Sense Labs, a developer of energy monitoring equipment
- Accel, AE Industrial Partners, AllegisCyber, Alumni Ventures Group, BDC Capital, Breakthrough Energy Ventures, BMW i Ventures, Business Development Bank of Canada, Cathay Capital Private Equity, ClearSky, Crescent Enterprises, Credit Suisse, Equinor Ventures, Foundation Capital, Lowercarbon Capital, Mitsui & Co., Next World Capital, Wells Fargo Strategic Capital are some of the co-investors who invest alongside Energy Impact Partners

Source: Pitchbook, Company Website, Press Release

Energy Power Partners

Renewable Investments With Sustainable Results

1605 North Cedar Crest Boulevard, Allentown, PA 18104, US
Tel: +1 (610) 557-1870

Year Founded: 2009
www.energypowerpartners.com

Energy Power Partners is a private market fund manager making long-term equity investments in US and Canadian renewable energy and distributed generation projects. It targets assets that use proven technologies and have predictable cash flows. It has acquired and developed a portfolio of biogas, solar, wind and cogeneration facilities

AUM: $255M | Dry Powder: NA

Key Contacts

Henry Park – Co-Founder & Managing Partner

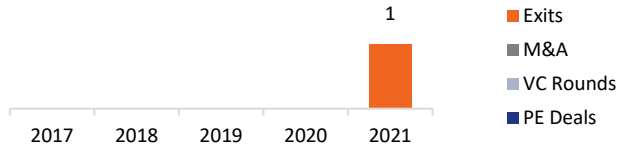
Jerome Peters – Co-Founder & Managing Partner

Roger Seminara – Chief Financial Officer & Partner

INVESTMENT PREFERENCES

Preferred Industries	Alternative Energy Equipment
Geographical Preferences	Canada, US
Preferred Deal Types	Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Long-Term Investor, Seeks ESG investments, Will syndicate

INVESTMENTS BY YEAR



FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
North American Sustainable Energy Fund	2014	£200M	NA	Investment focus on exploration, clean tech, TMT industries mainly in North America. Investments range from $10 to $200 million
Energy Power Partners Fund I	2013	£55M	NA	Investment focus is on energy services, exploration, energy services industries in North America. Investments range from $10 to $75 million
NA	NA	NA	NA	NA

INVESTMENTS BY INDUSTRY

INVESTMENTS BY REGION

Source: Pitchbook

Energy Power Partners
Renewable Investments With Sustainable Results

1605 North Cedar Crest Boulevard, Allentown, PA 18104, US
Tel: +1 (610) 557-1870

Year Founded: 2009
www.energypowerpartners.com

Key Investments

- In July 2019, Energy Power Partners acquired industrial energy storage company Convergent. US based Convergent develops, owns and operates large-scale storage for industrial customers and utilities
- In November 2015, Energy Power Partners acquired Talen Renewable Energy, LLC from Talen Energy. As of then, Talen Renewable Energy's portfolio consisted of 25 utility-grade clean power projects in Pennsylvania, New Jersey, Vermont and New Hampshire, with a total of 65MW generating capacity. Talen Energy is an energy and power generation company in the US, with a diverse generating fleet that operates in well-developed, structured wholesale power markets
- In December 2014, Energy Power Partners (EPP) acquired McCommas Bluff renewable natural gas production facility located in Dallas, Texas. EPP purchased majority interests from Clean Energy Fuels, with the remaining interests retained by Cambrian Energy. The McCommas Bluff facility is a landfill gas to pipeline quality facilities in the US
- In December 2012, Energy Power Partners acquired interests in three operating landfill gas-to-energy (LFGTE) projects located in Indiana, Maryland, and Mississippi. The projects were selling renewable gas under long term contracts to major regional off-takers. LFG generated by the landfill sites was then underutilized and the acquisition included the right to use all the LFG produced at the landfills for future expansions
- In November 2011, Energy Power Partners closed the acquisition of Otay Landfill Gas, LLC, an operating landfill gas-to-energy (LFG) project located near San Diego, California. This was the first investment for the fund and was made in partnership with a major institutional co-investor. Financial terms of the deal were not disclosed

Other Details

- Energy Power Partners' ("EPP") investment expertise is significantly reinforced by the firm's operating affiliate, EPP Service Company, which provides asset management and operating services for EPP's portfolio projects. EPP's current portfolio includes biogas, solar, wind, microgrid and cogeneration facilities producing renewable electricity, renewable natural gas, and providing sustainable energy solutions. Energy Power Partner's investment team comprises five highly experienced investment professionals. In total the firm employs 9 experienced executives
- Energy Power Partners' open fund "EPP Renewable Energy Fund III" has a target size of $300 million. The fund seeks to acquire renewable energy facilities which it can expand. The fund would focus on acquiring midsize renewable energy projects across the US and Canada that provide electricity to nearby municipal and commercial customers as well as biofuels for vehicles
- Cambrian Energy Mccommas Bluff, Toro are a couple of the co-investors who invest alongside Energy Power Partners

Source: Pitchbook, Company Website, Press Release

EQT

Regeringsgatan 25, 111 53 Stockholm, Sweden
Tel: +46 (0)8 506 55 300

Year Founded: 1994
www.eqtgroup.com

Headquartered in Sweden, EQT is a private equity firm that seeks to invest in Europe, Asia-Pacific, and North America. It targets technology, media, telecommunications, consumer goods, energy & environment, transport and various other sectors. The firm has 2 primary business segments: Private Capital & Real Assets

AUM: $80.75B | Dry Powder: $26.71B

Key Contacts

Christian Sinding – CEO & Managing Partner

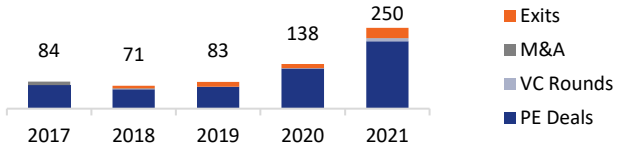
Caspar Callerström – Partner & COO

Kim Henriksson – Chief Financial Officer

INVESTMENT PREFERENCES

Preferred Industries	Renewable Energy, Social Services, Telecommunications, Transportation, Water & Waste Management
Geographical Preferences	Asia, Central America, Europe, North America, Oceania
Preferred Deal Types	Buyout/LBO, Early-Stage VC, Later Stage VC, Mezzanine, PE Growth/Expansion
Other Investment Preferences	Long-Term Investor, Prefers majority stake, Prefers minority stake, Seeks ESG investments, Will syndicate

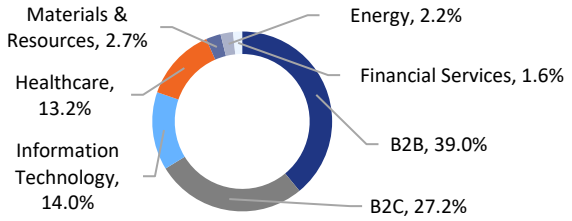
INVESTMENTS BY YEAR



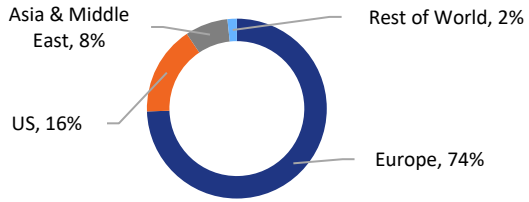
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
EQT IX	2020	$18.52B	$5.25B	The fund invests in the TMT, Healthcare, Industrials and B2B sectors
EQT VIII	2018	$13.50B	$1.99B	The fund invests in healthcare, TMT & Services sectors in the US & Northern Europe
EQT Mid Market Europe	2017	$1.78B	$675.77M	Seeks co-control or control investments in companies with EV of €100 to €300 million based in Northern Europe

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

Regeringsgatan 25, 111 53 Stockholm, Sweden
Tel: +46 (0)8 506 55 300

Year Founded: 1994
www.eqtgroup.com

Key Investments

- In February 2022, InstaVolt, a provider of electric vehicle charging infrastructure entered into a definitive agreement to be acquired by EQT through an LBO, for an undisclosed amount. The investment will be used to accelerate the roll-out of charge points to reach a comprehensive network of 10,000 rapid electric vehicle chargers in UK by 2032
- In November 2021, Solarpack Corporación Tecnológica, a vertically-integrated, independent solar PV power producer was acquired by EQT through a €821 million public-to-private LBO
- In October 2021, Cypress Creek Renewables, a developer of solar energy facilities was acquired by EQT through an LBO for an undisclosed amount. The investment will support the company's continued growth and strategic vision through development pipeline execution, fleet optimization and expansion and scaling of the operations and maintenance services business
- In January 2020, EQT and Singapore's state investment firm Temasek Holdings Pte. jointly set up O2 Power, a $500 million renewable energy platform in India. O2 Power targets more than 4GW of installed capacity across solar and wind projects, comprising both greenfield projects, as well as mergers and acquisitions. EQT invested in this platform through its EQT Infrastructure IV fund
- In February 2019, EQT Infrastructure acquired Kodiak Gas Services, LLC from The Stephens Group, LLC, a private investment firm representing the interests of Witt Stephens, Jr. and Elizabeth Campbell. Kodiak is a privately held contract compression business providing critical compression equipment in the US
- In January 2019, EQT Infrastructure acquired Osmose Utilities Services, Inc., provider of critical inspection, maintenance and restoration services for utility and telecom infrastructure in the US, from Kohlberg Investors VII, a fund managed by Kohlberg & Company, LLC
- In December 2018, EQT Infrastructure funds successfully completed the acquisition of Holding d'Infrastructures des Métiers de l'Environnement ("HIME"), the holding company of SAUR, a leading French water services management company providing water infrastructure management services for municipalities under long-term contracts
- In August 2018, the EQT Real Estate I fund acquired Allee Center, a modern shopping center located in a high-density residential area in Grünau, a suburb of Leipzig. The Allee Center was built in 1996 and comprises around 40,000 square meters of rental space

Other Details

- EQT currently has $80.75B in assets under management across 28 active funds within two business segments – Private Capital and Real Assets. Private Equity is EQT's largest business segment with 145 investment advisory professionals and 57 portfolio companies. EQT's Private Capital comprises 6 business lines: Private Equity, Ventures, Future, Life Sciences, Growth and Public Value
- EQT has 1,200 employees, of whom 326 are within the Investment Advisory teams. It has offices in 23 countries across Europe, APAC and the Americas. The company's latest open fund EQT X is a buyout fund with a target size of $22.81 billion. The fund typically seeks investment in the US
- Abu Dhabi Investment Authority, Accent Equity Partners, AEA Investors, Anticimex International, Ardian, Bagger-Sørensen Group, BNP Paribas, Capvis, Crescent Capital Group, Cubera Private Equity, DigitalBridge Group, Fisher Lynch Capital, Goldman Sachs Asset Management, Intermediate Capital Group, ISS World Services, Sjätte AP-fonden, TA Associates Management, Volito, Willoughby Capital are some of the co-investors who invest alongside EQT

Source: Pitchbook, Company Website, Press Release

FIRSTRESERVE

290 Harbor Drive, Stamford, CT 06902, US
Tel: +1 (203) 661-6601

Year Founded: 1983
www.firstreserve.com

First Reserve is a private equity investment firm that focuses on investment in the core segments of the energy sector. It specializes in growth capital, buyouts and industry consolidations and seeks to invest in companies based in the US, Australia and Europe

AUM: $5.34B | Dry Powder: $1.31B

Key Contacts

Alex T. Krueger – President & Chief Executive Officer

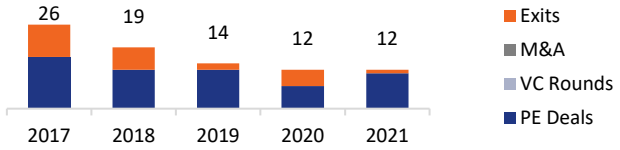
Edward T. Bialas – Managing Director

Patrick J. Carroll – Chief Financial Officer

INVESTMENT PREFERENCES

Preferred Industries	Commercial Products, Energy Equipment, Energy Services, Exploration, Production and Refining, Other Business Products and Services, Other Financial Services
Geographical Preferences	Australia, Europe, US
Preferred Deal Types	Add-on, Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Seeks ESG investments, Will syndicate

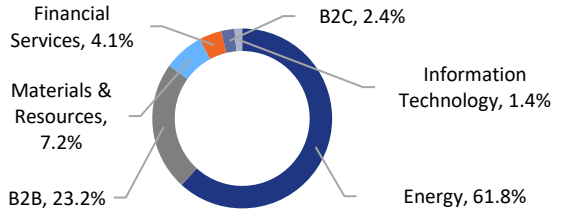
INVESTMENTS BY YEAR



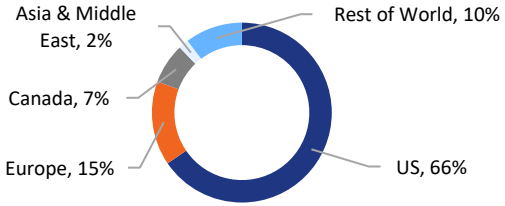
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
First Reserve Refuel Fund	2021	$510.5M	$405.2M	An extension fund created to acquire Refuel Operating Co. LLC. It additionally provides more dry powder to pursue growth
First Reserve Fund XIV	2019	$465M	$137.6M	The fund seeks to invest in vintage oil and gas companies
First Reserve Upstream Annex Fund	2017	$325.9M	$131.2M	A buyout fund started in 2016 alongside 17 investors

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

FIRSTRESERVE

290 Harbor Drive, Stamford, CT 06902, US
Tel: +1 (203) 661-6601

Year Founded: 1983
www.firstreserve.com

Key Investments

- In February 2022, Venterra Group, a wind energy services company received $31.06 million of development capital from First Reserve and other investors
- In December 2020, The Goldfield Corporation, an energy infrastructure company was acquired by First Reserve through an estimated $194 million public-to-private LBO. Citizens Bank, Sumitomo Mitsui banking provided $125 million debt financing in the form of a $25 million revolving credit line and a $100 million term loan B in support of this transaction
- In July 2019, First Reserve acquired Trillium Flow Technologies (“Trillium”), formerly Weir Flow Control (“WFC”), from The Weir Group PLC (“Weir”). Trillium Flow Technologies is a global designer, manufacturer and aftermarket services provider of engineered valves and pumps used in energy and broader industrial applications
- In November 2018, First Reserve acquired Dominion Energy's 50% interest in Blue Racer Midstream, LLC. The investment was funded in part by equity from First Reserve Fund XIII and investment funds affiliated with First Reserve. Blue Racer was a joint venture formed in December 2012 by Dominion and Caiman Energy II, LLC ("Caiman II") to own, operate, develop and acquire midstream assets
- In October 2018, First Reserve acquired Dresser Natural Gas Solutions from Baker Hughes, a GE Co. Dresser NGS makes natural-gas meters and pipeline-repair equipment
- In April 2018, First Reserve acquired CHA Consulting Inc. from Long Point Capital. The terms of the transaction were not disclosed. CHA Consulting Inc., is a New York based engineering consulting firm focused on the North American market
- In February 2016, First Reserve acquired the Mariah North Wind power project in Texas from Mariah Acquisition for an undisclosed sum. The project was expected to generate 230MW of wind power upon completion
- In January 2015, First Reserve acquired the Kingfisher Wind power project from Apex Clean Energy. Kingfisher Wind is a 298MW wind power generation project located in Canadian and Kingfisher Counties
- In November 2010, First Reserve Corporation invested €276 million for the Rovigo solar plant in Northeast Italy. First Reserve acquired the 70MW photovoltaic power plant from Sun Edison LLC, a division of MEMC Electronic Materials, Inc. in September 2010. The lenders who participated with First Reserve on the financing include Banco Santander, Unicredit Corporate Banking, Credit Agricole, Dexia Crediop, Natixis and Societe Generale
- In July 2010, 9REN Group a subsidiary of First Reserve Corporation, with a syndicate of three banks invested €80 million for a 22MW solar project in Italy

Other Details

- First Reserve has raised $32 billion of aggregate capital since inception. It has completed over 700 transactions (including platform investments and add-on acquisitions), creating several notable energy companies. Its portfolio companies have operated in six continents, spanning the energy spectrum from upstream oil and gas to midstream and downstream, including resources, equipment and services, and associated infrastructure
- First Reserve’s Private Equity Funds follow a buy and build model, and invest diversely across resources, equipment & services and midstream / downstream sectors
- ACE & Company, AEW Capital Management, AMCI Group, Avista Capital Partners, Azimuth Capital Management, BlackRock, Caithness Energy, Canada Pension Plan Investment Board, China Investment Corporation, Fortress Investment Group, Goldman Sachs Asset Management, Odyssey Investment Partners, Petroplus Holdings, Quintana Capital Group, White Star Petroleum are some of the co-investors who invest alongside First Reserve

Source: Pitchbook, Company Website, Press Release

GE Energy Financial Services

800 Long Ridge Road, Stamford, CT 06927, US
Tel: +1 (312) 441-6875

Year Founded: 1980
www.geenergyfinancialservices.com

GE Energy Financial Services is a financial arm of General Electric that is based in Stamford, Connecticut. Its global portfolio spans across conventional, renewable power and oil and gas infrastructure projects

AUM: $422.10M | Dry Powder: $149.23M

Key Contacts

Susan Flanagan – President & Chief Executive Officer

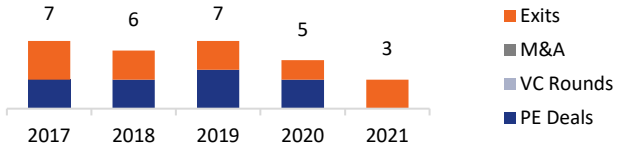
Vishal Gulati – Chief Financial Officer

Gaurav Raniwala – Managing Director & Global Renewable Energy Leader

INVESTMENT PREFERENCES

Preferred Industries	Exploration, Production and Refining
Geographical Preferences	North America, US
Preferred Deal Types	Buyout/LBO, Debt - General, Equity For Service, Later Stage VC, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Will syndicate

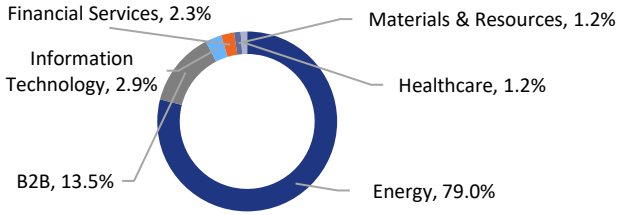
INVESTMENTS BY YEAR



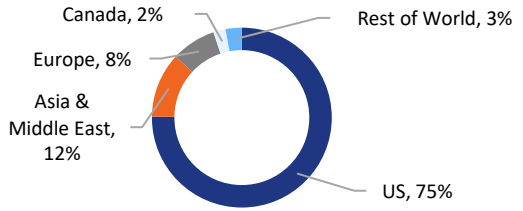
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
EFS Energy Japan Investment Fund	2018	$422.1M	$149.2M	The fund invests in Japanese solar power projects & prefers operating projects. It is the largest solar energy fund in Japan. Development Bank of Japan Inc. has committed as the anchor investor for one third of the fund's interests
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

GE
Energy Financial Services

800 Long Ridge Road, Stamford, CT 06927, US
Tel: +1 (312) 441-6875

Year Founded: 1980
www.geenergyfinancialservices.com

Key Investments

- In September 2020, 1.2GW Hydro Asset was acquired by Greenko Group, via its financial sponsors EIG Global Energy Partners, GE Energy Financial Services, Government of Singapore Investment Corporation (GIC) and The Abu Dhabi Investment Authority, through an LBO for an undisclosed sum
- In September 2019, E.ON secured more than $200 million in tax equity financing to repower its Panther Creek I and Panther Creek II Wind Farms in Texas. GE Energy Financial Services underwrote and committed a portion of the tax equity which enabled E.ON to significantly increase the lifespan of the combined 258MW sites
- In July 2019, GE Energy Financial Services and LongWing Energy S.C.A. reached financial close on a $150 million debt financing package for the first phase of the Zaporizhia Wind Farm, in the Zaporizhia region in southeast Ukraine. The phase one 98MW project is expected to produce over 330,000MWh of clean energy per year and power approximately 170,000 households
- In June 2019, GE Energy Financial Services reached financial close on a €90 million project financing package with a German banking consortium and two European export credit agencies for the construction of phase II of a wind farm in the southern region of Zaporizhia, Ukraine. The project is owned by DTEK Renewables. It is part of DTEK's two-phase process to build a 200MW wind farm in Ukraine
- In October 2018, Orange Renewable, a developer of renewable energy projects was acquired by Greenko Group, via its financial sponsors TPG Growth, GIC Private, GE Energy Financial Services, EIG Global Energy Partners and Abu Dhabi Investment Authority, through a $300 million LBO
- In April 2018, GE Energy Financial Services secured $150 million project financing to refinance and expand the Los Guindos open-cycle thermoelectric power plant in central Chile. The expansion of the power plant will nearly double its overall capacity from 139MW to approximately 275MW
- In January 2018, GE Energy Financial Services committed to provide over $190 million of tax equity financing to the 200MW first stage of the 365MW Persimmon wind farm project in Oklahoma. GE Energy Financial Services also served as bookrunner, administrative agent and lender for $252 million of credit facilities
- In January 2018, GE Energy Financial Services provided tax equity financing for the repowering of the combined capacity 136MW Sweetwater 1 & 2 wind farms in Nolan County, Texas. The wind farms are owned by Leeward Renewable Energy, LLC
- In November 2017, Green Investment Group and GE Energy Financial Services partnered as 50/50 equity investors to acquire 650MW Markbygden ETT wind farm in Sweden from Svevind. Norsk Hydro to purchase the power via a 19-year fixed volume corporate PPA

Other Details

- GE Energy Financial Services is a leading investor in the renewable energy market, having committed more than $15B globally in renewable projects since 2004. Its investment experience spans 18GW of wind power projects including onshore, offshore and repowering and 2.5GW of solar power projects. It has also invested $1 billion in other renewable power projects
- Its only fund GE Energy Financial Services Solar Energy Fund is the largest solar energy fund in Japan. The fund invests in operating projects in Japan. With additional backing by a group of Japanese institutional investors, the fund launched successfully with funding of JPY46.3 billion. It has a target size of JPY75 billion with the potential to increase to JPY90 billion, expanding opportunities to invest in attractive, operating infrastructure assets
- 3i Group, Abengoa, Abu Dhabi Investment Authority, Alinda Capital Partners, AMP Capital Investors, Arc Logistics Partners, Black Hills Energy, Brightwood Capital Advisors, Caisse de dépôt et placement du Québec, Canada Pension Plan Investment Board, DEG, DEME, General Electric Ventures, Impax Asset Management Group, Leaf Clean Energy, MUFG Union Bank, North Bridge Venture Partners, RockPort Capital Partners, Search Fund Partners, South Great Investment, Zachry American Infrastructure are some of the co-investors who invest alongside GE Energy Financial Services

Source: Pitchbook, Company Website, Press Release

generation

20 Air Street, London W1B 5AN,England, UK
Tel: +44 (0)20 7534 4700

Year Founded: 2004
www.generationim.com

Generation Investment Management is a sustainability-focused investment firm headquartered in London, UK with a regional headquarter in San Francisco, California. The firm operates both private and public equity strategies to invest in companies that are accelerating the transition to a more sustainable economy

AUM: $39B | Dry Powder: $8.07B

Key Contacts

David Blood – Co-Founder & Senior Partner

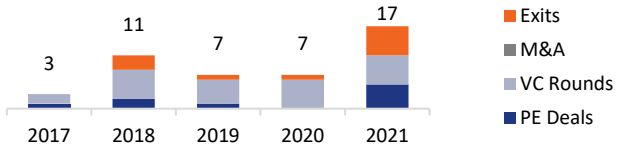
Lisa Anderson – Partner, Chief Operating Officer & Chief Risk Officer

Mark Ferguson – Partner, co-Chief Investment Officer

INVESTMENT PREFERENCES

Preferred Industries	Software
Geographical Preferences	Africa, Americas, Asia, Canada, Europe, Middle East, Oceania, US
Preferred Deal Types	Early-Stage VC, Later Stage VC, PE Growth/Expansion
Other Investment Preferences	Long-Term Investor, Prefers majority stake, Prefers minority stake, Seeks ESG investments, Seeks Impact investments, Will syndicate

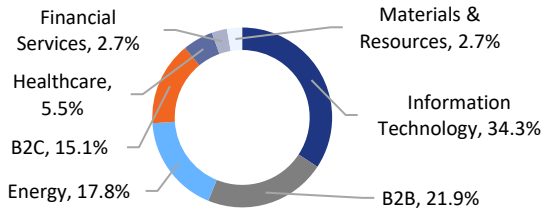
INVESTMENTS BY YEAR



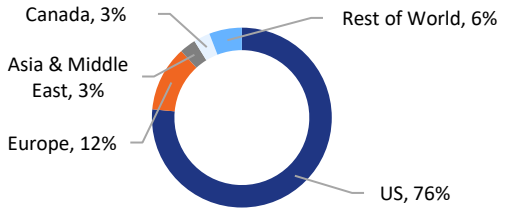
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
IM Sustainable Solutions Fund III	2019	$1.00B	$507M	The fund prefers to invest in clean tech, healthcare, financial services, digitech & fintech sectors
IM Climate Solutions Fund II	2014	$520M	$520M	The fund focuses on growth & expansion investments in the IT sector
IM Climate Solutions Fund	2008	$638M	NA	Preferably invests in energy, materials, B2B, B2C, IT sectors in Australia & US

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

generation

20 Air Street, London W1B 5AN,England, UK
Tel: +44 (0)20 7534 4700

Year Founded: 2004
www.generationim.com

Key Investments

- In March 2022, FNZ, via its financial sponsors Caisse de dépôt et placement du Québec, Generation Investment Management, Summit Partners, Temasek Holdings, Motive Partners and Canada Pension Plan Investment Board, entered into a definitive agreement to acquire the Retirement & Superannuation Solutions division of Link Group (Australia) for $1.5 billion
- In December 2021, Project44, a developer of a logistics technology platform raised $420 million through a combination of debt and Series F venture funding in a deal led by TPG, Bluewater Companies, Thoma Bravo, WP Global Partners and Goldman Sachs Asset Management. Insight Partners, Sozo Ventures, Emergence Capital Partners, Chicago Ventures, Sapphire Ventures, Silverton Partners, Generation Investment Management also participated in the round
- In September 2021, Octopus Energy, a producer and supplier of renewable solar, wind and tidal energy received $300 million of development capital from Canada Pension Plan Investment Board
- In Jan 2019, Sophia Genetics, a health tech company secured $77 million investment round to accelerate the democratization of Data-Driven Medicine. The round was co-led by Generation Investment Management, Idinvest Partners, Balderton Capital and Alychlo. The company used the fund to expand the operational capabilities of its airborne BlueQube gravity gradiometry imaging service and to accelerate production of its proprietary technology
- In Jan 2016, M-Kopa Solar, a Kenya-based “pay-as-you-go” solar energy supplier for homes in Africa raised $19 million in an equity round led by Generation Investment Management LLP. This investment was used to expand “pay-as-you-go” model in East Africa
- In May 2012, Infinite Power Solutions, Inc (“IPS”) secured $10 million Series D financing. The investment was co-led by Generation Investment Management, D. E. Shaw Ventures, Polaris Venture Partners and Core Capital Partners. This fund was used to expand IPS' manufacturing capacity in response to growing customer demand and further support advanced research and development of its eco-friendly THINERGY solid-state rechargeable Micro-Energy Cell (MEC) products. Infinite Power Solutions, Inc. is a US based clean-technology company which manufactures solid-state, rechargeable, thin-film micro-energy storage devices for embedded applications
- In April 2011, Tigo Energy Inc. raised $10 million from Generation Investment Management LLP through Climate Solutions Fund LP. The investment raised the output of solar arrays by implementing maximum power point control at the module level. Tigo basically develops solutions to maximize output by photovoltaic installations
- In March 2011, Harvest Power a producer of renewable energy from organic waste raised $51.7 million in the Series B financing round. This financing round was led by Generation Investment Management and also attracted Kleiner Perkins, DAG Ventures, Munich Venture Partners, and TriplePoint Capital

Other Details

- Generation Investment Management is a pure-play sustainable investment manager & currently manages more than $39 billion of assets for its global client base of asset owners. The firm invests globally in growth-stage businesses with proven technology and commercial traction. The firm’s approach to active investment management is based on an investment process that fully integrates sustainability analysis into the decision-making and is focused on long-term performance.
- The company’s latest fund Generation IM Sustainable Solutions Fund IV is a private equity growth and expansion fund with a size of c.$350 million. The fund will target innovative sustainability-focused high growth companies primarily in North America and Europe
- 8VC, Accel, Akkadian Ventures, Alta Park Capital, Andreessen Horowitz, Angeleno Group, Arnold Venture Group, Bain Capital Ventures, Brookside Capital, Clal Energy, Greenspring Associates, Hartford Financial Services Group, John Hancock Investments, Kleiner Perkins, Lead Edge Capital, Mousse Partners, OVP Venture Partners, Serena Ventures, T. Rowe Price, Venrock, Y Ventures are some of the co-investors who invest alongside Generation Investment Management

Source: Pitchbook, Company Website, Press Release

GLOBAL ENVIRONMENT FUND

2 Bethesda Metro Center, Suite 440, Bethesda, MD 20814,US
Tel: +1 (240) 482-8900

Year Founded: 1990
www.globalenvironmentfund.com

Global Environment Fund is a global alternative asset manager and investment firm that prefers to invest in the energy, environmental and natural resources sectors. The firm was founded in 1990 and is based in Bethesda, Maryland

AUM: NA	Dry Powder: $99.76M

Key Contacts

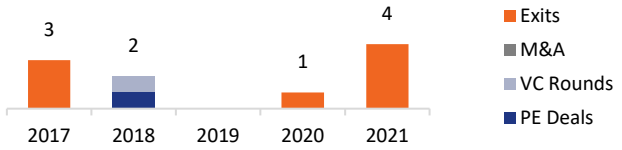
H. Jeffrey Leonard – CEO & Co-Founder

Katie Vasilescu – Chief Compliance Officer

Scott MacLeod – Managing Partner

INVESTMENT PREFERENCES	
Preferred Industries	Agriculture, Application Software, Chemicals and Gases, Database Software, Energy Refining, Environmental Services (B2B), Financial Software, Gas Utilities, Hospitals/Inpatient Services, Logistics, etc.
Geographical Preferences	North America, South America, Southeast Asia
Preferred Deal Types	PE Growth/Expansion
Other Investment Preferences	Long-Term Investor, Seeks ESG investments, Seeks Impact investments, Will syndicate

INVESTMENTS BY YEAR

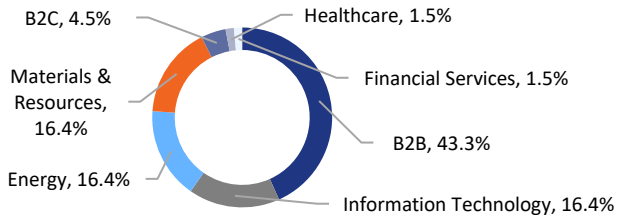


Source: Pitchbook

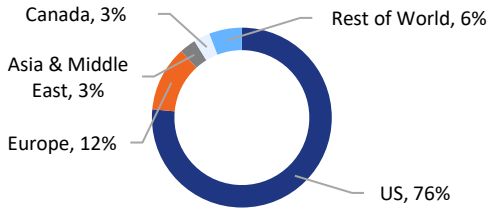
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
GEF Latin America Fund II	2019	NA	NA	The fund has $45.42 million in AUM. It invests a minimum of $5 million & prefers to invest in the Americas
South Asia Growth Fund II	2018	$200M	$86.2M	The fund targets energy and climate tech industries & invests primarily in India & Bangladesh
GEF Africa Growth Fund	2015	$50M	$0.0	The fund used to invest in the commercial product and energy service sectors

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



CLEANBRIDGE

GLOBAL ENVIRONMENT FUND

2 Bethesda Metro Center, Suite 440, Bethesda, MD 20814,US
Tel: +1 (240) 482-8900

Year Founded: 1990
www.globalenvironmentfund.com

Key Investments

- In May 2018, OPTIMOZ, a provider of digital transformation and managed cloud computing services received $2 million of development capital from Global Environment Fund. The funds will be used to expand its enterprise DevSecOps platform service to meet growing market needs
- In April 2018, ReNew Power acquired Ostro Energy for an enterprise value of $1.66 billion. As of the acquisition date Ostro Energy had wind assets of 648MW with 350MW in pipeline. The investors in ReNew Power includes Global Environment Fund, Goldman Sachs, Abu Dhabi Investment Authority, the Asian Development Bank and JERA
- In April 2016, Global Environment Fund (GEF) and Kinea acquired a stake in Brazilian logistics company AGV Logística from Tarpon. GEF and Kinea also invested R$60 million in the company. AGV Logística is a provider of intelligence and logistics operations in x`Brazil
- In August 2015, Global Environment Fund invested $11 million in India based wastewater-treatment company Concord Enviro Systems. The fund was provided to expand Concord's global presence and introduce new products
- In July 2014, GEF SACEF India, a fund managed by the Global Environment Fund along with Asian Development Bank and Goldman Sachs, invested $140 million in ReNew Power Ventures, an independent power producer. As of then, ReNew Power owned and operated 460MW of renewable energy assets
- In February 2010, Global Environment Fund invested $30 million in UPC Renewables China, an independent renewable energy producer with focus in wind energy development. The investment was provided for wind power development in China, where UPC had 150MW in construction and more than 3GW of projects in pipeline
- In November 2009, Global Environment Fund invested $46.3 million to acquire 29.99% stake in India based Greenko, an independent power producer focused on the generation of renewable energy
- In November 2009, Global Environment Fund (GEF) acquired Mozwood in Mozambique. Mozwood is a provider of forest products. Mozwood combined with Pemba Sun concession consists of 160,000 hectares of Eastern Miombo Woodlands in Mozambique
- In June 2009, Global Environment Fund and Robeco together invested $13 million in SPG Holdings. SPG Holdings, includes SPG Solar and Thompson Technologies Industries. SPG Solar designs and installs photovoltaic power systems and Thompson Technologies designs, manufactures and sells innovative solar photovoltaic (PV) products

Other Details

- Global Environment Fund (“GEF”) has already invested $1 billion in companies operating in clean energy, energy and resource efficiency, environmental, and sustainable natural resource management industries across the globe
- Abu Dhabi Investment Authority, Affidea, Aloe Private Equity, AlpInvest Partners, Asian Development Bank, Canada Pension Plan Investment Board, Dalmia Bharat Enterprises, MTO Group, Goldman Sachs Merchant Banking Division, ReNew Power Ventures, TVS Capital, Vedanta Capital, Stonehaven Capital, Spring Growth Partners are some of the co-investors who invest alongside GEF

Source: Pitchbook, Company Website, Press Release

One Maritime Plaza Suite 2300 San Francisco, CA 94111 US
Tel: +1 (415) 217-7400

Year Founded: 1997
www.gryphon-inv.com

Gryphon Investors is a private equity firm founded in 1997 and is based in San Francisco, California. The firm seeks to invest in business products, business services, consumer products, consumer services, IT, healthcare, manufacturing, TMT, industrials, life sciences, SaaS, and technology-based sectors in the US

AUM: $8.3B | Dry Powder: $2.07B

Key Contacts

R. David Andrews – Founder and Chief Executive Officer

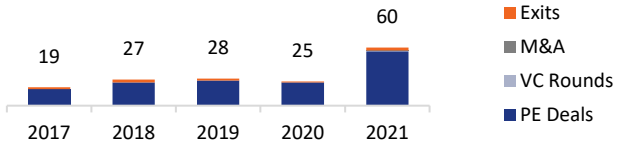
Jennifer Haas – Partner and Chief Operating Officer

Jeff Balagna – Operating Partner

INVESTMENT PREFERENCES

Preferred Industries	Beverages, Commercial Services, Food Products, Healthcare Services, Healthcare Technology Systems, Household Products, IT Services, Other Business Products and Services, Other Healthcare, Personal Products
Geographical Preferences	US
Preferred Deal Types	Add-on, Buyout/LBO, Debt - General, Mezzanine, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Will lead on a deal, Will syndicate

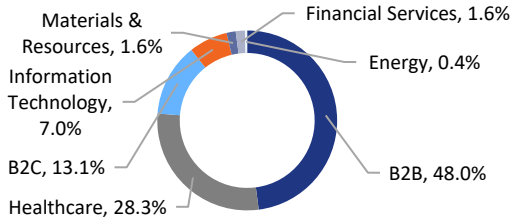
INVESTMENTS BY YEAR



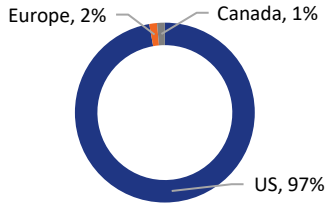
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Gryphon Mezzanine Partners II	2019	$300M	$162M	The fund seeks minority investments in junior debt financings of portfolio companies
Gryphon Partners V	2018	$2.11B	$245.1M	The fund focuses on North American healthcare, industrial growth & software industries
Gryphon Mezzanine Partners	2017	$105M	$16.2M	The fund participates in the mezzanine securities of recent & prospective financings of Gryphon 3.5 & Gryphon IV

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

One Maritime Plaza Suite 2300 San Francisco, CA 94111 US
Tel: +1 (415) 217-7400

Year Founded: 1997
www.gryphon-inv.com

Key Investments

- In November 2021, Metagenics, a subsidiary of Alticor, was acquired by Gryphon Investors through a $600 million LBO. In support of the transaction, WhiteHorse Capital and Jefferies Group provided debt financing of $129.6 million loan. Metagenics is a manufacturer and distributor of personalized lifestyle medicines and professional-grade supplements
- In July 2021, Environmental Management Alternatives, a provider of environmental and emergency response services was acquired by HEPACO, via its financial sponsor Gryphon Investors, through an LBO for an undisclosed sum. This acquisition gives HEPACO a desirable geographic footprint in Saint Louis, along with national hazardous waste brokerage and recycling capabilities
- In January 2021, Summit Field Services, a provider of environmental services was acquired by HEPACO, via its financial sponsor Gryphon Investors, through an LBO for an undisclosed sum. HEPACO acquired business division of Summit Environmental Services located in Evansville. The business unit specializes in emergency response, industrial services, and waste management services
- In December 2020, Seminole Septic, a provider of waste disposal services was acquired by Wind River Environmental, via its financial sponsor Gryphon Investors through an LBO for an undisclosed sum
- In December 2020, Gryphon Investors acquired Physical Rehabilitation Network through an estimated $280 million LBO. Churchill Asset Management provided $57 million mezzanine financing and Antares Capital provided a $79 million term loan, a $75 millions delayed drawn term loan and a $15 million revolver facility to support this transaction. Physical Rehabilitation Network is an operator of a physical therapy clinic across 11 states in the western and central portions of the US
- In January 2020, Safire, an operator of a fire protection engineering company was acquired by Jensen Hughes, via its financial sponsor Gryphon Investors, through an LBO for an undisclosed sum
- In September 2019, NextGen Technologies, a provider of electrical testing services was acquired by Shermco Industries, via its financial sponsor Gryphon Investors for an undisclosed sum
- In February 2019, Technical Response Planning, a provider of emergency management consulting services was acquired by JENSEN HUGHES, via its financial sponsor Gryphon Investors, through an LBO for an undisclosed sum

Other Details

- Founded in 1997, Gryphon Investors focuses on the attractive, lower-end segment of the middle market and seeks companies with attractive risk-adjusted returns. Gryphon prefers to invest in the $50 to $300 million investment range in companies with EBITDA of up to $60 million. The firm makes traditional buyouts, leveraged build-ups and growth equity investments with a 3 to 5 year holding period. Gryphon's preferred industry groups include business services, consumer products & services, healthcare, industrial growth & software
- Gryphon's latest open fund, Gryphon Partners VI was launched in March 2020 and has a target size of $2.2 billion to $2.7 billion. The fund targets investments in information technology, healthcare, business product and service, consumer product and service, industrial, manufacturing sectors. it prefers minimum investment of $175 million
- 3Cloud, Athyrium Capital Management, Barings BDC, CORA Health Services, Ferrer Freeman & Company, GoldPoint Partners, Harris Preston & Partners, Indosuez Ventures, Jensen Hughes, Marcy Consulting Group, NB Private Equity Partners, PineBridge Investments, Shermco Industries, Spring Lake Equity Partners, TriArtisan Capital Advisors, Varagon Capital Partners, Wind River Environmental are some of the co-investors who invest alongside Gryphon Investors

Source: Pitchbook, Company Website, Press Release

Hahn & Company

21F Ferrum Tower, 19, Eulji-ro 5-gil,Jung-gu, Seoul, 100-210, S.Korea
Tel: +82 (0)26 353 7900

Year Founded: 2010
www.hcompany.com

Hahn is a private equity investment firm focused on making corporate acquisitions and investment in Korea. The firm executives directly develop long-term strategic and operational value creation initiatives, including those in areas such as revenue growth, new product development, R&D investment, sales and marketing repositioning

AUM: $10.5B | Dry Powder: $1.53B

Key Contacts

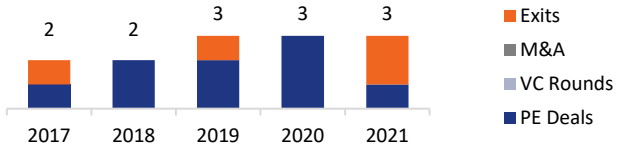
Yeo-Eul Yoon – Chairman

Scott Sang-Won Hahn – Chief Executive Officer

INVESTMENT PREFERENCES

Preferred Industries	Commercial Products, Commercial Services, Construction (Non-Wood), Consumer Non-Durables, Transportation
Geographical Preferences	South Korea
Preferred Deal Types	Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake

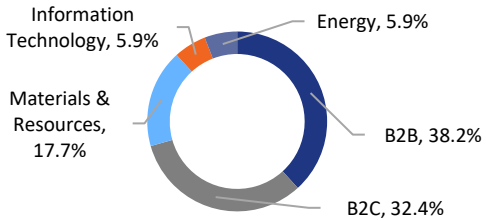
INVESTMENTS BY YEAR



FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Hahn & Co III	2019	$2.7B	$1.53B	The fund preferably focuses on commercial products, construction consumer non-durables mainly in South Korea
Hahn & Co II	2015	$1.20B	$0.00	Preferably focuses on commercial products, construction & manufacturing companies
Hahn & Co I	2011	$750M	$0.00	The fund prefers B2B commercial services, industrial and TMT companies

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION

Source: Pitchbook

Hahn & Company

21F Ferrum Tower, 19, Eulji-ro 5-gil,Jung-gu, Seoul, 100-210, S.Korea
Tel: +82 (0)26 353 7900

Year Founded: 2010
www.hcompany.com

Key Investments

- In May 2021, Hahn & Company entered into a definitive agreement to acquire dairy products manufacturer Namyang Dairy Products Co Ltd through a $270 million LBO
- In May 2020, Hana Financial Group and Hahn & Company acquired H-Line Shipping Company through a $1.45 billion LBO
- In February 2020, Hahn & Co agreed to acquire SK Chemicals' biofuel business for $322.2 million in a cash transaction
- In December 2018, Hahn & Co acquired a 71% stake in SK Shipping from its parent firm SK Group for $1.32 billion
- In September 2018, Hahn & Company through its portfolio company Hanon Systems acquired global Fluid Pressure & Controls business from Magna International Inc., in a transaction valued at approximately $1.23 billion
- In 2018, Hahn & Company acquired 100% stake in SK Encar (K Car) from the SK Group. SK Encar is an online and Offline used car retailer in Korea
- In 2017, Hahn & Co invested in SK D&D, Korea's commercial and residential real estate developer and a top-tier developer of renewable energy such as wind and solar power generation as well as ESS (electric storage systems)
- In June 2016, Hahn & Company acquired the remaining 79.2% stake in Ssangyong Cement from Taiheiyo Cement and became the sole stakeholder of the company. Earlier it owned 20.8% stake of Ssangyong cement
- The other companies which feature in Hahn & Company's investment portfolio are;
    - Fluid Pressure & Controls Group, global leader in automotive pump components and electronic cooling fan modules based on brushless DC motor technology. Hahn & Company made the investment in 2018
    - Daehan Slag, Korea's largest slag powder manufacturer. Hahn & Company acquired 100% stake of the company from Posco in 2015
    - N search Marketing, Korea's largest internet advertising agency specializing in search advertising. Hahn & Company made the investment in 2014
    - Coavis, global automobile fuel pump module manufacturer serving the world's largest automakers. Hahn & Company made the investment in 2012

Other Details

- Hahn & Company is focused on making corporate acquisitions and investments in South Korea. Companies controlled and operated by Hahn & Co. represent over $11.9 billion in revenues, $21.6 billion in assets with over 30,000 employees across multiple industries including technology manufacturing, building materials, automobile components, consumer goods, transportation & logistics as well as new media
- AlpInvest Partners, Castle Private Equity, H-Line Shipping Company, Hankook Tire Worldwide, N Search Marketing, Woongjin Foods, SK Encarsales are some of the co-investors who invest alongside Hahn & Company

Source: Pitchbook, Company Website, Press Release

HELIOS Investment Partners

2nd Floor, 12 Charles II Street, London SW1Y 4QU, England, UK
Tel: +44 (0)20 7484 7700

Year Founded: 2004
www.heliosinvestment.com

Founded in 2004, Helios Investment Partners is a private equity firm based in London, UK. The firm seeks to invest in the retail, consumer products, media, technology, financial service, power, energy, transportation, logistic and distribution sectors

AUM: $3.6B | Dry Powder: $110.74M

Key Contacts

Babatunde Soyoye – Co-Founder & Managing Partner

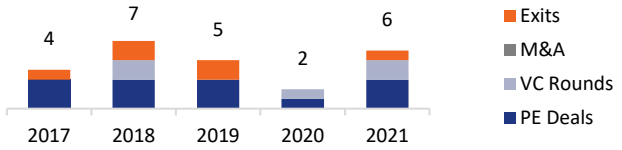
Paul Cunningham – Chief Financial Officer & Partner

Christina Drews – Partner, COO and Member of Executive Committee

INVESTMENT PREFERENCES

Preferred Industries	Energy Equipment, Energy Services, Exploration, Production and Refining, Insurance, IT Services, Logistics, Media, Media and Information Services (B2B), Office Services (B2B), Other Business Products and Services, Software, Transportation, Utilities, Other Energy, etc.
Geographical Preferences	Africa
Preferred Deal Types	Buyout/LBO, Debt - General, Loan, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Seeks ESG investments, Seeks Impact investments

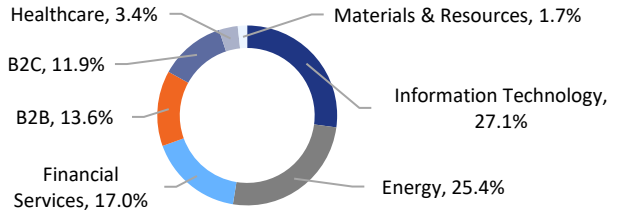
INVESTMENTS BY YEAR



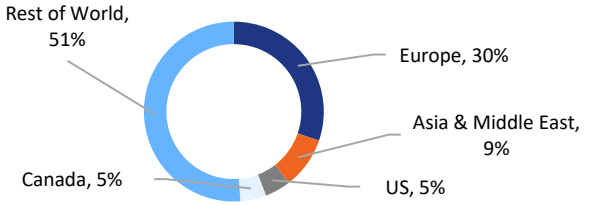
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Helios Investors III	2014	$1.1B	$4.64M	The fund focuses on financial services, health care, power & utilities, telecommunications, agribusiness sectors
Helios Investors II	2010	$900M	$0.00	The fund focuses on distribution & logistics, telecommunications, financial services, power & utilities sectors
Helios Investors I	2007	$305M	$6.1M	Prefers impact investments in IT, telecom & banking industries

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

HELIOS Investment Partners

2nd Floor, 12 Charles II Street, London SW1Y 4QU, England, UK
Tel: +44 (0)20 7484 7700

Year Founded: 2004
www.heliosinvestment.com

Key Investments

- In September 2021, Zola Electric, a developer of smart storage solar power systems raised $90 million funding in a deal co-led by Vulcan Capital, TotalEnergies Ventures, DBL Partners, Electron Capital Partners and Helios Investment Partners. The funds will be used to enter new markets, improve product development and commercial efforts and drive distributed renewable energy
- In May 2020, ISC- Total Test Solutions, a developer and manufacturer of chip sockets for the semiconductor manufacturing industry entered into a definitive agreement to receive $132.28 million of development capital from Helios Investment Partners
- In April 2019, Helios Investment Partners acquired 25% stake in Axxela Limited from Oando for an undisclosed sum. With the acquisition, Helios Investment Partners became the sole owner of Axxela. Earlier in 2016 Helios acquired a majority stake in Axxela's gas and power business following Oando's divestment. Axxela is a designated natural gas shipper on the West African Gas Pipeline
- In February 2018, African Infrastructure Investment Managers (AIIM), together with Helios Investment Partners acquired the stake of Starsight Power Utility. Starsight is a Nigeria-based energy services company providing solar-diesel-battery hybrid and cooling and lighting solutions to its commercial and industrial clients
- In January 2018, Off Grid Electric – a rooftop solar provider in Africa raised $55 million in Series D funding led by Helios Investment Partners with support from GE Ventures. Off Grid Electric through its consumer brand Zola, combines Silicon Valley technology with local expertise to offer African homes and businesses rooftop solar as a solution to an unreliable or non-existent grid
- In April 2017, Vitol and Helios Investment Partners acquired 100% of Vivo Energy. Vivo Energy distributes and markets Shell and Engen branded fuels and lubricants to retail and commercial customers in Africa. Vivo operates in 23 countries across North, West, East and Southern Africa
- In July 2016, Helios Investment Partners and The Vitol Group acquired 49% stake in OVH Energy, the downstream business of Nigeria-based oil and gas company Oando. The transaction was structured as a $210 million recapitalization through HV Investments II, a joint venture owned by Helios and Vitol
- In August 2014, Helios Investment Partners and Hoskins Consolidated Investments invested $50 million in Impact Oil & Gas. Impact Oil & Gas identifies prospective blocks via medium to deep water exploration in offshore South and West Africa, and has offshore exploration interests in Namibia, Gabon and Guinea-Bissau

Other Details

- Helios is an Africa-focused private investment firm, managing funds totaling $3.6 billion. Helios has offices in London, Paris, Lagos and Nairobi, and manages geographically diversified portfolios of private equity and credit investments in over 30 African countries
- The firm's latest open fund Helios Investors IV is a $100 million buyout fund with a target size of $1.25 billion to $1.40 billion. The fund's geographical focus includes Francophone West and East Africa
- Albright Capital Management, ACE & Company, Bioenergy Infrastructure Holdings, BTG Pactual, Foresight Group, Helios Towers, IFC Asset Management Company, International Finance Corporation, Providence Equity Partners, Pitango Venture Capital, RIT Capital Partners, The World Bank Group, TowerBrook Capital Partners, Wellcome Trust, Spice Private Equity and Vitol Holding are some of the co-investors who invest alongside Helios Investment Partners

Source: Pitchbook, Company Website, Press Release

Hg

2 More London Riverside, London SE1 2AP, England, UK
Tel: +44 (0)20 8396 0930

Year Founded: 1990
www.hgcapital.com

Founded in 1990, Hg is a private equity firm and is based in London, UK. The firm makes buyout investments in the tech and services industry. Hg Capital is focused on investing in financial services, healthcare, information technology and SaaS sectors, primarily based in Northern Europe

AUM: $40B | Dry Powder: $18.4B

Key Contacts

Nicholas Humphries – Senior Partner & Executive Chairman

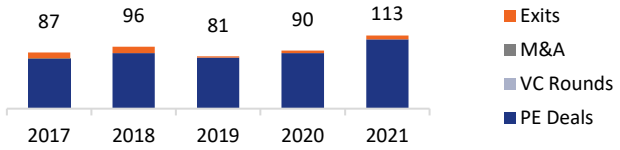
Matthew Brockman – Managing Partner, Operating Committee Member & Chair of IC

Steven Batchelor – Partner & Chief Operating Officer

INVESTMENT PREFERENCES

Preferred Industries	Accounting, Audit and Tax Services (B2B), Automotive, Capital Markets/Institutions, Healthcare, Insurance, IT Services, Legal Services (B2B), Legal Services (B2C), Software
Geographical Preferences	Northern Europe
Preferred Deal Types	Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Seeks ESG investments, Will syndicate

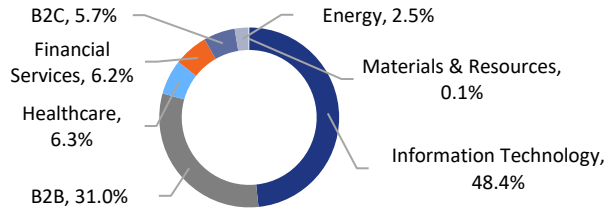
INVESTMENTS BY YEAR



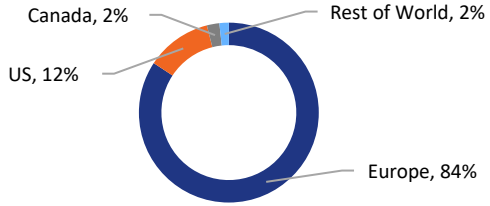
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Hg Genesis 9	2020	$5.19B	$5.15B	The fund focuses on investments in the software and IT service sectors
Hg Capital Saturn 2	2020	$4.95B	$2.74B	The fund focuses on larger-cap companies with enterprise values above £1 billion
HgCapital Mercury 3	2020	$1.44B	$1.42B	The fund focuses on investments in the software and IT service sectors in Europe

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

2 More London Riverside, London SE1 2AP, England, UK
Tel: +44 (0)20 8396 0930

Year Founded: 1990
www.hgcapital.com

Key Investments

- In February 2022, Iubenda, a developer of a compliance platform was acquired by team.blue for $68 million, via its financial sponsors HgCapital Trust and HG Capital through an LBO
- In November 2021, Sigma Conso, a developer of consolidation and reporting software application was acquired by Prophix Software, via its financial sponsors HgCapital Trust and HG Capital (UK), through an estimated $100 million LBO
- In March 2021, Litera Microsystems acquired DocsCorp, a developer of hybrid desktop SaaS-based productivity software, via its financial sponsor HG Capital (UK) through a $102 million LBO
- In December 2020, Abintegro, a developer of career development platform was acquired by The Access Group, via its financial sponsors TA Associates Management, HgCapital Trust and HG Capital (UK), through an estimated $30 million LBO
- In February 2020, Hg Capital Trust invested around £17.5 million in SmartTrade Technologies, with other institutional clients of Hg through the Hg Mercury 2 Fund. SmartTrade is a managed services and hosted software provider for trading desks, provided liquidity management solutions to enable financial institutions to develop and run high-performance trading platforms
- In January 2020, Hg Capital Trust invested approximately £28.9 million in Intelerad, with other institutional clients of Hg investing through Hg Genesis 8 Fund. Intelerad is a medical imaging software provider that specializes in diagnostic viewing, reporting and collaboration solutions for radiologists
- In April 2019, Hg Capital Trust with Hg Saturn and other investors invested c.€640 million equity in Visma, a provider of business-critical software to private and public enterprises in the Nordic, Benelux and Baltic regions. Hg was co-lead investor in Visma for the last 13 years. Cinven, who first invested in Visma in 2014, sold part of its stake to Hg and co-investors in 2017 but recently sold its entire share
- In February 2010, Hg Capital invested $209.16 million and acquired two solar power plants in Spain with a total capacity of 20MW. After the transaction, Hg Capital's installed capacity in Spain added up to 61MW
- In March 2009, Hg Capital invested an aggregate of €300 million into three solar energy plants in southern Spain, with the total output of 35.4MW. Hg Capital purchased the stake from AIG Financial Products and 360 Corporate, a Spanish investment banking firm

Other Details

- Hg Capital employs a total of c.240 employees. It has three investment offices based in London, Munich and New York, managing funds of around $40 billion and serving more than 15 highly regarded institutional investors, including private and public pension funds, insurance companies, endowments and foundations. In 2017, Hg's renewable energy infrastructure investment business Asper performed a staged Spin-off and started operating as an independent entity completely owned by the management. Since then, Asper has raised 2 new funds exceeding €400m. Asper manages its own funds, investor mandates and commitments for more than €1.3b. Asper focuses on sustainable energy infrastructure investments in Europe
- The latest open fund Hg Genesis 10 has a target size of $6.24 billion. The fund focuses on midsize and large software and services companies in northern Europe
- 3i Group, A-Plan Insurance, Accel-KKR, Achilles, Ad_Astra, Addison Software, Allocate Software, AlpInvest Partners, Andrew Page, Ardian, Awaze, Axiom Systems, Azets, Bain Capital, Baldwins, Bank of Scotland, Blick Rothenberg, Bolster Investment Partners, Bridgepoint Advisers, BS Baker Street AcquiCo, Campbell Dallas, ICG Enterprise Trust, Index Ventures, Kohlberg Kravis Roberts, Montagu Private Equity, Visma Group, Vista Equity Partners, Western Technology Investment, Zitcom are the co-investors who invest alongside Hg Capital

Source: Pitchbook, Company Website, Press Release

KOHLBERG & COMPANY

111 Radio Circle Mount Kisco, NY 10549 US
Tel: +1 (415) 217-7400

Year Founded: 1987
www.kohlberg.com

Founded in 1987, Kohlberg & Company is a private equity firm based in Mount Kisco, New York. The firm seeks to invest in middle-market companies operating in the industrial manufacturing, consumer products, business services, healthcare services, and financial services sectors

AUM: $7.77B | Dry Powder: $4.48B

Key Contacts

Gordon H. Woodward – Partner and Chief Investment Officer

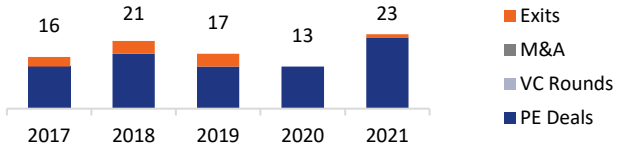
Samuel P. Frieder – Managing Partner

Christopher W. Anderson – Partner

INVESTMENT PREFERENCES

Preferred Industries	Commercial Products, Commercial Services, Consumer Products and Services (B2C), Financial Services, Healthcare Services
Geographical Preferences	North America
Preferred Deal Types	Buyout/LBO, Carveout, PE Growth/Expansion, Privatization, Public to Private, Recapitalization
Other Investment Preferences	Prefers majority stake, Seeks ESG investments, Will syndicate

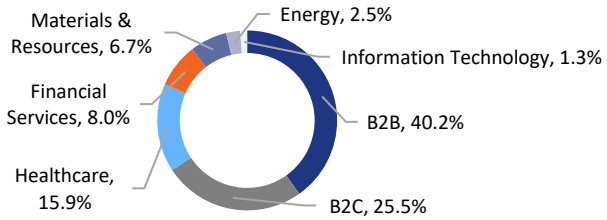
INVESTMENTS BY YEAR



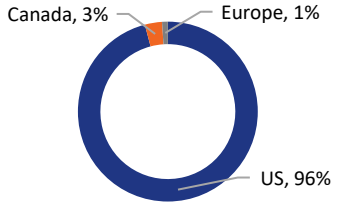
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Kohlberg Investors VII CV	2021	$1.10B	$1.04B	A continuation fund formed in partnership with BlackRock GIC & Lexington Partners
Kohlberg Investors IX	2021	$3.40B	$3.07B	The fund focuses on industrial, consumer, business & financial services, healthcare companies
Kohlberg Investors VIII	2016	$2.20B	$327.6M	The fund seeks to invest in US-based manufacturing, consumer products, business, healthcare & financial service companies

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

KOHLBERG & COMPANY

111 Radio Circle Mount Kisco, NY 10549 US
Tel: +1 (415) 217-7400

Year Founded: 1987
www.kohlberg.com

Key Investments

- In March 2022, Phoenix Marketing International, a provider of global marketing research and consulting services was acquired by MarketCast, via its financial sponsors Kohlberg & Company, RLJ Credit and General Electric Asset Management, through an approximately $150 million LBO
- In January 2022, Invoke Solutions, a developer of real-time online mobile research technologies was acquired by MarketCast, via its financial sponsors RLJ Credit, Kohlberg & Company and General Electric Asset Management through an LBO for an undisclosed amount
- In November 2021, IWI Motor Parts, a distributor of original equipment manufacturer automotive parts was acquired by The Parts Authority, via its financial sponsor Kohlberg & Company, through an LBO for an undisclosed amount
- In December 2020, Radarview, a provider of concrete scanning and utility locating services was acquired by Ground Penetrating Radar Systems, via its financial sponsors Kohlberg & Company and CIVC Partners, through an LBO for an undisclosed amount
- In February 2020, Kestrel Power Engineering was acquired by EN Engineering via its financial sponsors Kohlberg & Company and Ares Capital through an LBO for an undisclosed sum. Kestrel Power Engineering is a provider of consulting services to the North American electric power generation market
- In August 2019, Bemis Healthcare Packaging Europe, a subsidiary of Bemis Company was acquired by Nelipak Healthcare Packaging via its financial sponsor Kohlberg & Company, through a $394 million LBO. Bemis Healthcare Packaging Europe is a manufacturer of packaging materials
- In August 2019, Superior Cake Products, a producer of baked goods entered into a definitive agreement to be acquired by Sara Lee Frozen Bakery, via its financial sponsor Kohlberg & Company, through a $65 million LBO. The company expects to use the net proceeds from the transaction to pursue a range of potential strategic options, including reinvesting in its business, de-leveraging its balance sheet and pursuing potential strategic acquisitions, while effectively managing its capital structure
- In June 2017, K2 Sports, a manufacturer of sporting products was acquired by Kohlberg & Company through a $240 million LBO. The transaction will allow Newell Brands to accelerate its growth by simplifying and strengthening its portfolio

Other Details

- Founded in 1987, Kohlberg & Company is a private equity firm with $7.77 billion in assets under management. Since its inception, Kohlberg & Company has made 85 platform investments, 200 add-on acquisitions and has successfully closed 10 private equity funds. This strong track record translates to $11 billion in aggregate commitments and a total transaction value of $30 billion
- Kohlberg & Company focuses on corporate carve-outs, private sale, public-to-private buyouts & recapitalization transaction types. The firm makes $100 million to $500 million equity investments in companies that have enterprise values between $200 million to $2 billion and EBITDA of $25 million to $150 million. It prefers to invest in industrial manufacturing, consumer products, business services, healthcare services & financial services sectors
- Alcentra Capital BDC, Ares Capital Corporation BDC, Brightwood Capital Advisors, Charlesbank Capital Partners, CIVC Partners, DBi Services, Entrepreneurial Equity Partners, HarbourVest Partners, Manulife Investment Management -Private Equity & Credit, Norwest Mezzanine Partners, PNC Erieview Capital, Roustan Capital, Sterling Partners Private Equity, Three20 Capital Group, Ulysses Management, Versa Capital Management are some of the co-investors who invest alongside Kohlberg & Company

Source: Pitchbook, Company Website, Press Release

LGP | LEONARD GREEN & PARTNERS

11111 Santa Monica Boulevard, Los Angeles, CA 90025, US
Tel: +1 (310) 954-0444

Year Founded: 1989
www.leonardgreen.com

Leonard Green & Partners is a private equity investment firm founded in 1989 and is based in Los Angeles, California. The firm primarily focuses on consumer products & services, business services, healthcare services, retail, distribution and industrial sectors

AUM: $50B	Dry Powder: $3.76B

Key Contacts

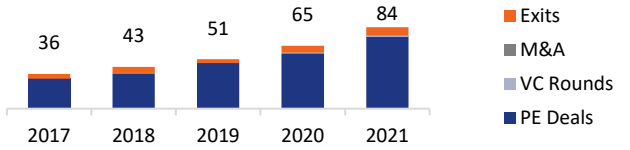
Benjamin Funk – Principal

John Danhakl – Managing Partner

Jonathan Seiffer – Senior Partner

INVESTMENT PREFERENCES	
Preferred Industries	Commercial Products, Commercial Services, Consumer Durables, Consumer Non-Durables, Healthcare Devices and Supplies, Healthcare Services, Healthcare Technology Systems, Other Healthcare, Pharmaceuticals and Biotechnology, Retail, Services (Non-Financial)
Geographical Preferences	NA
Preferred Deal Types	Buyout/LBO, Debt - General, PE Growth/Expansion, Recapitalization
Other Investment Preferences	Prefers majority stake, Will syndicate

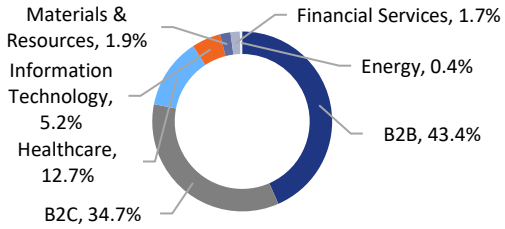
INVESTMENTS BY YEAR



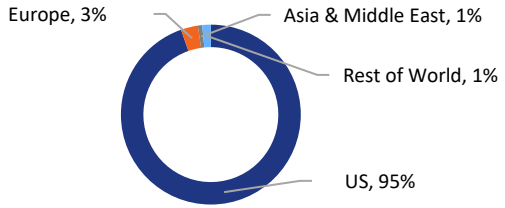
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Green Equity Investors CF	2021	NA	NA	Buyout fund focused on investments in the US
Green Equity Investors VIII	2020	$12B	$2.27B	The fund seeks investments between $400 million and $1 billion in North America
Jade Equity Investors	2019	$2.75B	$1.13B	The fund targets the commercial products sector in the US with an investment range of $50 million and $250 million

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

LGP | LEONARD GREEN & PARTNERS

11111 Santa Monica Boulevard, Los Angeles, CA 90025, US
Tel: +1 (310) 954-0444

Year Founded: 1989
www.leonardgreen.com

Key Investments

- In January 2022, DB Ventures, an operator of a celebrity management company entered into a definitive agreement to be acquired by Authentic Brands Group, via its financial sponsors BlackRock Private Equity Partners, General Atlantic, Leonard Green & Partners, Lion Capital and Jasper Ridge Partners, for £200 million LBO
- In August 2021, The heritage brands business of PVH, an apparel store retailer was acquired by Authentic Brands Group, via its financial sponsors BlackRock Private Equity Partners, General Atlantic, Leonard Green & Partners, Lion Capital and Jasper Ridge Partners, through a $223 million LBO
- In July 2021, Intrinsic Imaging, a provider of medical imaging service was acquired by WIRB-Copernicus Group, via its financial sponsors Government of Singapore Investment Corporation (GIC), Novo Holdings, Leonard Green & Partners and Arsenal Capital Partners, through a $80 million LBO
- In December 2020, ClearChoice, an operator of dental treatment centers was acquired by Aspen Dental Management, via its financial sponsors Ares Private Equity Group, American Securities, Candescent Partners and Leonard Green & Partners, through an estimated $1.1 billion LBO
- In January 2020, Green Equity Investors VIII, managed by Leonard Green & Partners made a commitment of $400 million towards New York State Common Retirement Fund which will focus on retail, business services and health care in North America
- In November 2019, an investor group led by Leonard Green & Partners, L.P. ("LGP"), in partnership with Arsenal Capital Partners ("Arsenal") and Novo Holdings agreed to terms on a recapitalization of WCG, world's leading provider of clinical trial optimization solutions
- In July 2019, Leonard Green & Partners and Ares Management together with investment partners GIC, British Columbia Investment Management Corporation, acquired Press Ganey Associates, Inc. from EQT Partners. Terms of the transaction were not disclosed. Press Ganey Associates, Inc., is a provider of safety, quality, patient experience and workforce engagement solutions for healthcare organizations
- In January 2018, Leonard Green & Partners acquired ProMach from AEA Investors. The financial terms of the transaction were not disclosed. ProMach provides packaging solution for product brands, it serves manufacturers of all sizes, geographies, and industries
- In August 2017, Leonard Green Partners acquired CPA Global, a patent management services company from Cinven in a deal that valued the business at £2.4 billion including debt. CPA Global is an Intellectual Property (IP) Management and Technology company

Other Details

- Since inception Leonard Green & Partners has invested in over 100 companies in the form of traditional buyouts, going-private transactions, recapitalizations, growth equity, and selective public equity and debt positions. The firm primarily focuses on companies providing services, including consumer, business, and healthcare services, as well as retail, distribution, and industrials. The firm employs 64 executives including 48 investment professionals
- Its most recent open fund, Jade Equity Investors II has a target size of $3.50 billion. The fund targets the consumer discretionary sector
- Abu Dhabi Investment Authority, ACE & Company, AerSale, AlpInvest Partners, American Funds Insurance Series, aPriori Capital Partners, Ares Credit Group, Ares Management, British Columbia Investment Management, Canada Pension Plan Investment Board, Gannett Company, Hellman & Friedman, Juggernaut Capital Partners, Ridgemont Equity Partners, SRS Distribution, TPG, York Street Capital Partners are some of the co-investors who invest alongside Leonard Green Partners

Source: Pitchbook, Company Website, Press Release

montagu

2 More London Riverside London SE1 2AP England, UK
Tel: +44 (0)20 7336 9955

Year Founded: 1968
www.montagu.com

Montagu Private Equity is a private equity investment firm founded in 1968 and is based in London, UK. The firm seeks to invest in companies operating in the essential services, healthcare, software, and technology sectors

AUM: $10.98B	Dry Powder: $3.52B

Key Contacts

Jason Gatenby – Chief Executive Officer

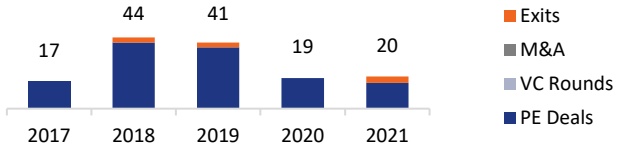
Caroline Abensour – Director

Sebastian Ahrens – Director

INVESTMENT PREFERENCES

Preferred Industries	Broadcasting, Radio and Television, Commercial Products, Commercial Services, Commercial Transportation, Consumer Durables, Consumer Non-Durables, Energy Equipment, Energy Services, Financial Services, Healthcare Services
Geographical Preferences	Northern Europe
Preferred Deal Types	Add-on, Buyout/LBO, Carveout, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Seeks ESG investments, Seeks Impact investments, Will lead on a deal

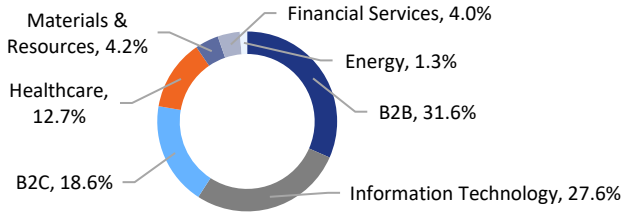
INVESTMENTS BY YEAR



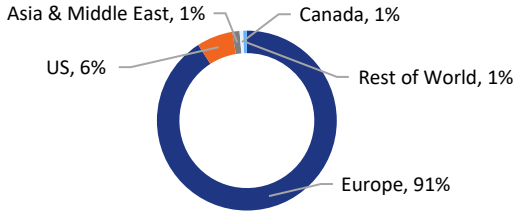
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Montagu VI	2019	$3.67B	$3.67B	A buyout fund focused on investments in US. It targets the financial software and communication sectors
Montagu V	2015	$3.05B	$1.06B	The fund mainly invests in the UK based technology sector
Montagu IV	2010	$3.63B	$0.00	The fund focuses on investments in the European technology sector

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

montagu

2 More London Riverside London SE1 2AP England, UK
Tel: +44 (0)20 7336 9955

Year Founded: 1968
www.montagu.com

Key Investments

- In March 2022, AKAD University, a provider of higher education and distance learning services was acquired by Galileo Global Education, via its financial sponsors Montagu Private Equity, Tethys Investment, Bpifrance and Canada Pension Plan Investment Board, through an estimated $50.98 million LBO
- In October 2021, L'École Multimedia, an operator of a digital communication training school was acquired by Galileo Global Education, via its financial sponsors Bpifrance, Canada Pension Plan Investment Board, Montagu Private Equity and Tethys Investment, through a $2.67 billion LBO
- In July 2020, Montagu Private Equity acquired the OEM business of CRTI Surgical through a $440 million LBO. RTI Surgical is an operator of OEM business intended to serve the health sector
- In December 2019, Montagu Private Equity acquired Jane's Information Group through a $470 million LBO. As a part of the transaction, the company received debt financing in the form of a senior secured credit facility from Barings and a $24.68 million first-lien senior secured term loan from Barings BDC. Jane's Information Group is a subsidiary of IHS and provides pen source information to the aerospace, defense and security industries
- In November 2018, Nordea Ejendomme, a provider of residential and business property leasing services was acquired by DEAS Holding, via its financial sponsor Montagu Private Equity, through a DKK22 billion LBO. With the deal Deas welcomes a number of institutional investors with a property portfolio totaling approximately DKK25 billion
- In July 2018, Raet, a provider of HR cloud software and services was acquired by Visma Group, via its financial sponsors Montagu Private Equity, Intermediate Capital Group, Hg, Cinven and GIC Private, through a €623.1 million LBO. The combination will substantially expand Visma's addressable market and allow it to provide Raet's existing customers with access to Visma's leading suite of cloud software applications, enabling them to benefit from joint innovation capacity and agility
- In October 2017, Admincontrol, a provider of cloud-based software was acquired by Visma, via its financial sponsors Cinven, GIC, HgCapital, Intermediate Capital Group and Montagu Private Equity through a $400 million LBO, The acquisition gives Visma the opportunity to help its customers improve their collaboration routines as well as regulations and compliance for the board of directors in addition to secure data rooms for M&A and procurement

Other Details

- Founded in 1968, Montagu Private Equity has more than 50 years investing experience. The firm currently has 100+ institutional investors & €10 billion in capital commitments across 4 active funds. Montagu employs over 130 people who operates from 5 offices in Frankfurt, London, Luxembourg, Paris & Warsaw
- Montagu Private Equity focuses on sales execution, new products & services, new geographies, tech-enablement, operational improvement, carve-outs and mergers & acquisitions. Its most recent open fund, Montagu VI Phoenix Co-Invest was launched in February 2022 and has a target size of $162.14 million
- 3i Group, AlpInvest Partners, Bpifrance, Cinven, Funeral Partners, Goldman Sachs Asset Management, HG Capital (UK), Intermediate Capital Group, J.P. Morgan, Kohlberg Kravis Roberts, Merrill Lynch Global Private Equity, OASIS Group, Sjätte AP-fonden, The Storebrand Group, Visma Group, Wendel Group are some of the co-investors who invest alongside Montagu Private Equity

Source: Pitchbook, Company Website, Press Release

NEW ENERGY CAPITAL

53 South Main Street Third Floor Hanover, NH 03755, US
Tel: +1 (603) 643-8885

Year Founded: 2004
www.newenergycapital.com

New Energy Capital Partners is an infrastructure firm founded in 2004 and is based in Hanover, New Hampshire. The firm seeks to invest in clean energy and infrastructure assets

AUM: $2B	Dry Powder: $306.21M

Key Contacts

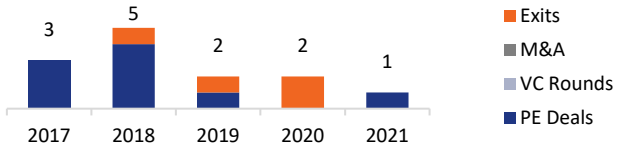
Scott Brown – Partner

Patrick Fox – Partner

Curt Whittaker – Partner

INVESTMENT PREFERENCES	
Preferred Industries	Energy, Energy Services
Geographical Preferences	NA
Preferred Deal Types	Buyout/LBO, Mezzanine, PE Growth/Expansion, Second Lien
Other Investment Preferences	Prefers majority stake, Seeks Impact investments

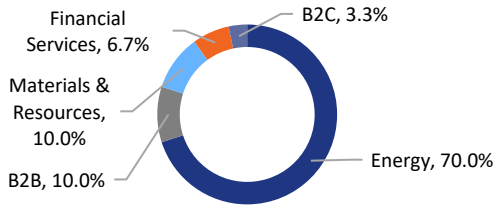
INVESTMENTS BY YEAR



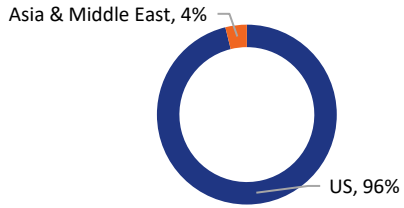
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Infrastructure Credit Fund II	2019	$500M	$306.2M	The fund focuses on solar, wind, energy efficiency, storage & water assets in North America
Infrastructure Credit Fund	2016	$325M	$0.00	Fund targets senior & mezzanine debt investments in the North American clean energy sector
Cleantech Infrastructure Fund	2010	$120M	$0.00	Fund focuses on cost-effective commercial technologies, renewable energy & environmental projects in the US

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

New Energy Capital

53 South Main Street Third Floor Hanover, NH 03755, US
Tel: +1 (603) 643-8885

Year Founded: 2004
www.newenergycapital.com

Key Investments

- In May 2021, Horne Brothers Construction, a developer of solar projects was acquired by Pine Gate Renewables, via its financial sponsor New Energy Capital, through a $60 million LBO
- In May 2020, Hecate Energy via its financial sponsor New Energy Capital formed a joint venture together with Independent Power. The name of the JV is Hecate Independent Power which is based in London, UK and is a provider of renewable energy project services
- In December 2019, New Columbia Solar, a developer of solar energy projects received $10 million of development capital from New Energy Capital. The funding was used for additional staffing and the development and operation of 100 to 150 solar projects
- In November 2018, SunEast Development, a developer and manager of clean energy projects received an undisclosed amount of development capital from New Energy Capital. The funds was used to support the continued development of a 105 MWAC solar portfolio acquired by SunEast in June 2018, and further accelerate the company's solar development and acquisition efforts in the eastern US
- In July 2017, Southern Current, a developer and installer of solar utility systems received an undisclosed amount of development capital from North Sky Capital, MMA Capital Management and New Energy Capital. The funding was used for project financing
- In June 2016, Bluewave Barrett Project, a 16.5MW photovoltaic community solar project was acquired by Morgan Stanley, New Energy Capital and MMA Energy Capital through an LBO. Avidia Bank provided loan financing to support the transaction
- In May 2014, Cypress Creek Renewables acquired FLS Energy, via its financial sponsor New Energy Capital, through an LBO for an undisclosed sum

Other Details

- Founded in 2004, New Energy Capital (“NEC”) is an alternative asset manager investing across the capital structures of clean energy infrastructure projects and companies. It is a Victory Capital Investment Franchise. Till date, NEC has invested or committed more than $1 billion across more than 40 investments. New Energy Capital invests in diversified portfolios of power generation and energy assets with a focus on small-to mid-size projects and companies
- Altira Group, Black Coral Capital, Cypress Creek Renewables, Dentsu Group, Hecate Energy, Independent Power, Jesta I.S., Lightyear Capital, Morgan Stanley, Nippon Antenna, North Sky Capital, Novus Energy Partners, Poletowin Pitcrew Holdings, Sumitomo Electric Industries, VantagePoint Capital Partners, Victory Capital Management, Vision Ridge Partners, XPV Water Partners are some of the co-investors who invest alongside New Energy Capital Partners

Source: Pitchbook, Company Website, Press Release

Newlight PARTNERS

320 Park Avenue, 25th Floor, New York, NY 10022, US
Tel: +1 (212) 205-2660

Year Founded: 2018
www.newlightpartners.com

Founded in 2018, Newlight Partners LP (Newlight) is a private equity firm focused on growth-stage companies through buyouts. The firm seeks to invest in business products, business services, financial services, healthcare, information technology, infrastructure and technology-based sectors in North America

AUM: $4B | Dry Powder: NA

Key Contacts

Ruairi Grant – Managing Director, Chief Financial Officer

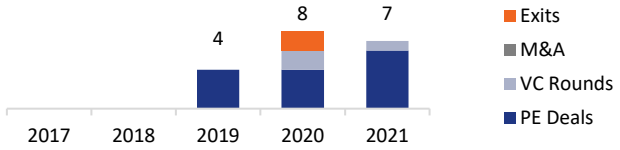
David Taylor – Partner, Chief Operating Officer & General Counsel

Dr. Alex Fridlyand – Partner, Chief Development Officer

INVESTMENT PREFERENCES

Preferred Industries	Commercial Services, Healthcare, Infrastructure, Insurance, Other Financial Services, Telecommunications Service Providers
Geographical Preferences	North America
Preferred Deal Types	Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Will syndicate

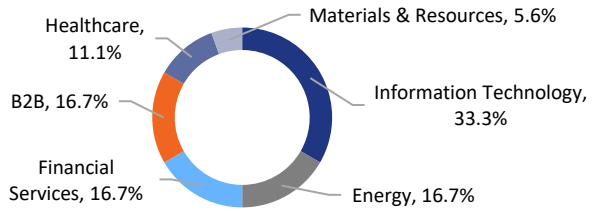
INVESTMENTS BY YEAR



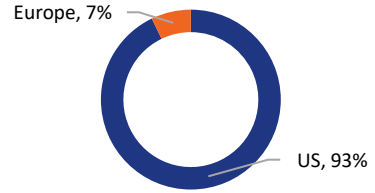
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA
NA	NA	NA	NA	NA

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

Newlight PARTNERS

320 Park Avenue, 25th Floor, New York, NY 10022, US
Tel: +1 (212) 205-2660

Year Founded: 2018
www.newlightpartners.com

Key Investments

- In September 2021, Alternative Resource Group, an operator of next-generation electric vehicle charging stations received an undisclosed amount of development capital from Newlight Partners
- In April 2021, a private investment firm Rosemark Group, received $150 million of development capital from Newlight Partners. The company will use the investment to build the next leader in customer marketing by acquiring and accelerating the growth of tech-enabled marketing companies focused on deepening consumer relationships
- In January 2021, Upland Capital Group, an operator of a specialty insurance company, received approximately $200 million of development capital from Newlight Partners. The initial capital raise will fund the company's immediate build-out and organic growth plans
- In October 2019, Leyline Renewable Capital, a Durham, N.C.-based provider of development-stage capital for renewable energy projects received a $150 million investment from Newlight Partners LP. Leyline is the provider of pre-construction capital for projects owned by small-to-mid-sized developers, deploying roughly $500,000 to $10 million per project. This investments are typically made as bridge loans and tend to include a minority equity stake
- In August 2019, Bioenergy DevCo, a developer of anaerobic digestion facilities with more than 200 plants globally, received investment of $106 million from Newlight Partners LP. The company intends to use the substantial new growth capital to expand its operational footprint in North America, working with municipalities and corporations to develop anaerobic digestion facilities that naturally transform organic waste into renewable natural gas and an organic soil amendment, reducing landfill waste and carbon emissions

Other Details

- Newlight Partners LLC provides financing to companies with valuable intellectual property (IP) portfolios. It preferably focusses on commercial services and other financial services industries
- Newlight was part of Soros Fund Management LLC since 2005 before it spun out from Soros in 2018 and started investing as an independent entity. Since 2005, Newlight has invested approximately $6 billion in over 100 investments. The firm typically targets investment opportunities up to $150 million, predominantly in North America
- BayoTech, Bioenergy DevCo, Sagewind Capital, Fortistar, Lifeforce Capital, Irradiant Partners, Harbour Point Capital, Sun Mountain Capital, Zing Health are some of the co-investors who invest alongside Newlight Partners LLC

Source: Pitchbook, Company Website, Press Release

NGP
ENERGY TECHNOLOGY PARTNERS

1750 K Street Northwest, Suite 700, Washington, DC 20006, US
Tel: +1 (202) 536-3920

Year Founded: 2005
www.ngpetp.com

NGP Energy Technology Partners is a private equity firm founded in 2005 and is based in Washington, D.C. The firm seeks to invest through means of buyout, growth equity, and debt. The firm prefers to invest in environmental services, alternate energy, oil, gas, CleanTech, and infrastructure sectors in North America

AUM: $20B | Dry Powder: $0.0B

Key Contacts

Rodd Macklin – Chief Financial Officer

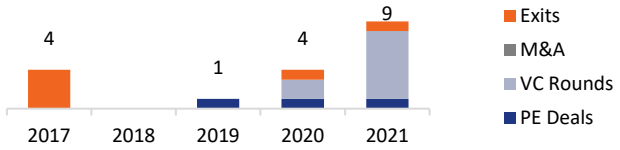
Bruce Schulman – Managing Partner

Phil Deutch – Managing Partner

INVESTMENT PREFERENCES

Preferred Industries	Alternative Energy Equipment, Environmental Services (B2B), Oil and Gas Equipment, Other Energy Services, Other Equipment
Geographical Preferences	North America
Preferred Deal Types	Buyout/LBO, Debt - General, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Will lead on a deal, Will syndicate

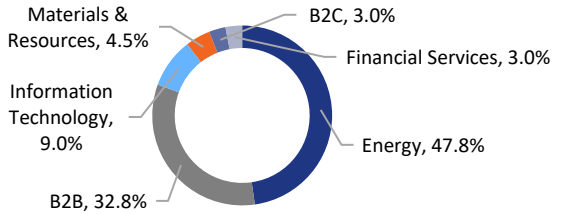
INVESTMENTS BY YEAR



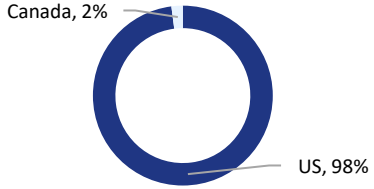
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
NGP Energy Technology Partners II	2008	$348M	$0.00	The fund targets publicly-traded companies that provide technology-related products & services to the oil & gas, power, energy efficiency sectors
NGP Energy Technology Partners	2005	$148M	$0.00	The fund targets companies that provide technology-related products & services to oil & gas, power, energy efficiency sectors
NA	NA	NA	NA	NA

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

NGP
ENERGY TECHNOLOGY PARTNERS

1750 K Street Northwest, Suite 700, Washington, DC 20006, US
Tel: +1 (202) 536-3920

Year Founded: 2005
www.ngpetp.com

Key Investments

- In October 2021, Persefoni, a developer of a carbon footprint management SaaS platform raised $101 million of Series B venture funding in a deal led by Prelude Ventures and The Rise Fund. EDF Pulse Ventures, Bain & Company, NGP Energy Technology Partners, Sallyport Investments, Parkway Venture Capital and 6 other investors participated in the round. The funds will be used by the company to support its expansion plans beyond its existing organization across 18 US states and eight countries
- In August 2021, Form Energy, a developer of sodium-based energy storage system raised $240 million through a combination of debt and Series D venture funding in a deal led by ArcelorMittal. TPG, Coatue Management, Macquarie Asset Management, Temasek Holdings. 10 other investors including NGP Energy Technology Partners also participated in the round. The funds will be used to accelerate its market entry
- In July 2016, Saudi Aramco Energy Ventures (SAEV) and NGP Energy Technology Partners participated in the financing round for Zahroof Valves Inc. The Series C funding was led by Saudi Aramco Energy Ventures (SAEV). Zahroof Valves manufactures and sells reciprocating gas compressor valves that improve valve efficiency, service intervals and productivity
- In March 2015, Signum Instruments raised growth capital investment from NGP Energy Technology Partners. Signum Instruments, Inc. is an innovative oilfield technology company based in the US
- In June 2014, GeoDigital International Inc. raised an undisclosed amount of new equity financing from EnerTech Capital, Emerald Technology Ventures, North Sky Capital and NGP Energy Technology Partners. GeoDigital International provides light detection and ranging, and imaging technology
- In October 2013, NGP Energy Technology Partners and Natural Gas Partners made significant capital commitment to establish The Catapult Group (“Catapult”). Catapult invests primarily in start-up oilfield services companies (“Affiliates”) established by experienced, entrepreneurial managers
- In 2012, NGP Energy Technology Partners acquired Penn Power Group for $66 million. Penn Power Group offers a wide range of products and services that are used in the on-highway transportation, off-highway construction and industrial markets, transport refrigeration, coach and bus climate control, power generation and renewable power generation markets
- In September 2009, NGP Energy Technology Partners invested in American Wind Capital. American Wind Capital is a company which operates in the wind energy royalty acquisition business
- In 2006, NGP Energy Technology Partners acquired Renewable Energy Group. Renewable Energy Group is a North American biodiesel producer with a nationwide distribution and logistics system

Other Details

- NGP Energy Technology Partners manages approximately $500 million in committed capital. The firm is affiliated with NGP Energy Capital Management, a premier investment franchise in the natural resources industry, which together with its affiliates, has managed over $20 billion in cumulative committed capital
- NGP Energy Technology Partners’ typical investment ranges between $5 million and $30 million in transactions of up to $100 million. The firm also has led investment rounds of up to $100 million. Its preference is to lead transactions and invest in North American companies
- Activate Capital Partners, Advanced Technology Ventures, Altira Group, Angeleno Group, Bunge North America, ED&F Man Holdings, Fairbridge Venture Partners, Index Ventures, Kleiner Perkins, NGP Energy Capital, Oilfield Water Logistics, Parkway Venture Capital, RockPort Capital Partners, Sallyport Investments, Temasek Holdings, West Central Cooperative, WK Technology Fund are some of the co-investors who invest alongside NGP Technology Partners

Source: Pitchbook, Company Website, Press Release

NORDIC CAPITAL

Sankt Annæ Plads 11 1250 Copenhagen Denmark
Tel: +45 3344 7750

Year Founded: 1989
www.nordiccapital.com

Nordic Capital is a private equity firm founded in 1989 and is based in Stockholm, Sweden. The firm seeks to invest in the Northern region of Europe and America with a focus on healthcare technology, payments and financial services, industrial and business services sectors

AUM: $14.28B | Dry Powder: $8.14B

Key Contacts

Klas Tikkanen – Chief Operating Officer

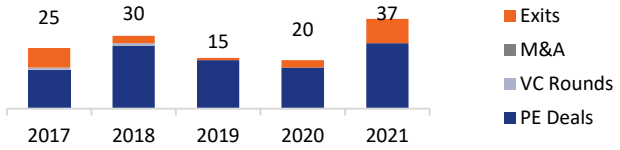
Kristoffer Melinder – Managing Partner

Alfa Chan – Partner

INVESTMENT PREFERENCES

Preferred Industries	Capital Markets/Institutions, Commercial Banks, Commercial Products, Commercial Services, Consumer Durables, Healthcare Devices and Supplies, Healthcare Services, Healthcare Technology Systems, Insurance
Geographical Preferences	Denmark, Estonia, Faroe Islands, Finland, Iceland, North America, Norway, Sweden
Preferred Deal Types	Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Long-Term Investor, Prefers majority stake, Prefers minority stake, Seeks ESG investments, Will syndicate

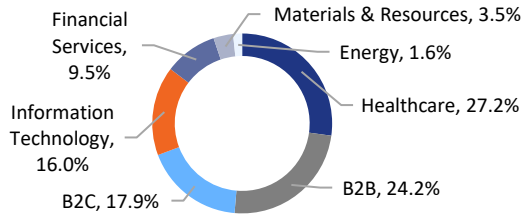
INVESTMENTS BY YEAR



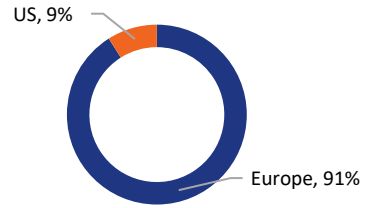
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Nordic Capital Mid-Market Evolution Fund	2021	$1.44B	$1.44B	The fund targets North European IT, healthcare & financial services sectors. It prefers investments between €35 to €150 million
Nordic Capital Fund X	2020	$7.2B	$5.86B	The fund targets healthcare, IT, B2B payments sectors. It prefers to invest in the Nordic countries
Nordic Capital Fund IX	2018	$5.2B	$739.11M	The fund focuses on healthcare, financial, technology, payments, retail & good & services sectors

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

NORDIC CAPITAL

Sankt Annæ Plads 11 1250 Copenhagen Denmark
Tel: +45 3344 7750

Year Founded: 1989
www.nordiccapital.com

Key Investments

- In March 2022, Inovalon Holdings, a provider of medical cloud-based analytics and platforms was acquired by Insight Partners, Nordic Capital, 22C Capital, Mr. Keith Dunleavy, and other investors through a $7.3 billion public-to-private LBO. In support of the transaction, PNC, Blackstone Credit, Owl Rock Capital Corporation BDC, NMF SLF I BDC, and Apollo Global Management provided debt financing in the form of a $3.5 billion unitranche loan, a $15.26 million first-lien loan, a $1.63 million first-lien delayed drawn term loan, an undisclosed revolving credit line, and a term loan
- In July 2021, LEO Pharma, a manufacturer of medicines received c.$534 million of development capital from Nordic Capital. The investment will support the company's ambitious growth strategy and strengthen its position in medical dermatology
- In March 2021, Sortera, a provider of waste management and disposal services was acquired by Nordic Capital and Ryk Group through an SBO for an undisclosed sum
- In January 2021, Cytel, a developer of statistical medical data management software was acquired by Nordic Capital and Astorg (Paris) through a $1 billion LBO
- In March 2020, SpaMedica, a provider of ophthalmic services was acquired by Ober Scharrer, via its financial sponsors Nordic Capital, Adams Street Partners, Palamon Capital Partners and PGGM through an approximately $383.93 million LBO
- In December 2019, Crossway Holdings an operator of an offshore jack-up accommodation was acquired by Master Marine, via its financial sponsor Nordic Capital, through an LBO for an undisclosed sum
- In August 2019, Nordax Group acquired Bank Norwegian, via its financial sponsors Sampo and Nordic Capital, through an estimated NOK15.15 billion public-to-private LBO
- In December 2018, Restrack, a provider of oil & gas integrated tracer service was acquired by Resman, via its financial sponsor Nordic Capital, through an LBO
- In March 2018, Nordax Group, a provider of commercial banking and financial services was acquired by Nordic Capital and Sampo through a SEK6.7 billion public-to-private LBO. Nordic Capital and Sampo will hold 63.75 percent and 36.25 percent of the share capital respectively

Other Details

- Founded in 1989, Nordic Capital has over 30 years of investing experience. Until now the firm has raised 11 funds, has invested €19 billion in 120+ companies & made 88 successful investment exits. Nordic Capital's current portfolio consists of 42 companies which employ 74,000 people & generate €12.3 billion in revenues. The company currently employs 167 people based out of 10 offices in Europe & North America
- Nordic Capital is currently investing via its Fund X & Evolution Fund, which have a size of €6.1 & €1.2 billion respectively. Its most recent open fund is Nordic Capital CF1 fund, which was launched in March 2022
- Accent Equity Partners, Acino, AlpInvest Partners, ATP Private Equity Partners, Bure Equity, Capio, EG Software, Fidelio Capital, Hilding Anders, Kartesia, MPM Capital, Novo Holdings, Priveq Investment, Saferoad Holding AS, Thule Group, Unifeeder, Voima Ventures, ØSD FINANS AS are some of the co-investors who invest alongside Nordic Capital

Source: Pitchbook, Company Website, Press Release

North Sky
CAPITAL

701 Lake Street East Suite 350 Wayzata, MN 55391, US
Tel: +1 (612) 435-7150

Year Founded: 2000
www.northskycapital.com

North Sky Capital is a private markets investment firm founded in 2000 and is based in Minneapolis, Minnesota. The firm seeks to acquire secondary interests in impact funds through its clean growth strategy and invest in clean energy infrastructure projects through its alliance strategy

AUM: $1.5B | Dry Powder: $240.79M

Key Contacts

Scott Barrington JD – Chief Executive Officer & Managing Director

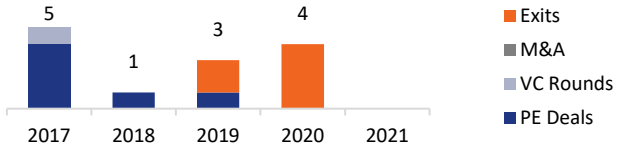
Angela Wood – Chief Financial Officer

Adam Bernstein – Managing Director

INVESTMENT PREFERENCES

Preferred Industries	NA
Geographical Preferences	Asia, Canada, Central America, North America, Oceania, Western Europe
Preferred Deal Types	Buyout/LBO, Early-Stage VC, Later Stage VC, PE Growth/Expansion
Other Investment Preferences	Prefers minority stake, Seeks ESG investments, Seeks Impact investments, Will syndicate

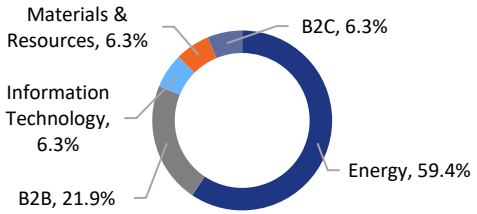
INVESTMENTS BY YEAR



FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Clean Growth Fund V	2019	$219.6M	$109.8M	The fund seeks impact investments in cleantech, transportation & energy sectors
Alliance Fund II	2017	$240M	$64.7M	The fund finances the construction and/or re powering of solar, wind, hydro, energy storage & other related projects
Clean Growth Fund IV	2017	$63M	$63M	The fund seeks investments in cleantech, edtech, infrastructure, LOHAS & wellness industries

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION

Source: Pitchbook

North Sky
CAPITAL

701 Lake Street East Suite 350 Wayzata, MN 55391, US
Tel: +1 (612) 435-7150

Year Founded: 2000
www.northskycapital.com

Key Investments

- In January 2020, North Sky Capital's Alliance Fund II acquired 51MW Grand Ridge Energy II and the 49.5MW Grand Ridge Energy III wind farms in LaSalle county from Stanton Equity Trading Delaware LLC. The projects hold long-term power purchase agreements with Appalachian Power Co.
- In July 2019, North Sky Capital provided financing as a financial sponsor to Soltage in its acquisition of 14MW solar assets in North Carolina from ReNew Petra
- In October 2018, North Sky Capital backed Nautilus Solar Energy acquired a 6.6MW community PV portfolio in Maryland for an undisclosed amount
- In December 2017, North Sky Capital invested an undisclosed amount of development capital in KDC Solar. The funding will be used to provide development capital and permanent project equity for a portfolio of four solar PV projects located in New Jersey
- In October 2017 North Sky Capital backed Nautilus Solar Energy acquired Clean Energy Collective's 5.4MW community solar portfolio
- In September 2017, North Sky Capital invested $25 million in JLM Energy which is an innovative technology company that creates renewable energy generation and energy storage solutions and products
- In July 2017 Southern Current, developer and installer of solar utility systems, received an undisclosed amount of development capital from North Sky Capital, MMA Capital Management and New Energy Capital. The fund has been used for project financing
- In April 2017, US Solar, a developer, owner, operator and financier of solar generation projects, raised an undisclosed amount of convertible debt financing from North Sky Capital and other undisclosed investors. The fund has been used to support the development of the company's more than 100MW solar portfolio, with an initial focus on the Minnesota community solar market
- In October 2016, Ygrene, A US based provider of clean energy financing services for residential, multifamily, and commercial markets received $30 million of mezzanine financing from New Energy Capital and North Sky Capital
- In September 2013, a consortium of New Energy Capital Partners, North Sky Capital, and EverStream Energy Capital Management closed an investment of $67.3 million to fund the development and construction of more than 150MW utility-scale solar PV power projects in Central and Southern California by SunEdison

Other Details

- North Sky Capital is a private markets investment firm which has approximately $1.5 billion of capital under active management. Since its inception, it has raised more than $1.6 billion of investor commitments. So far it has invested approximately $635 million in 33 projects, creating 3.3GW in clean power generation
- In October 2021, North Sky Capital launched its latest open fund, "North Sky Sustainable Infrastructure Fund IV". The fund has a target size of $350 million and will be North Sky's largest infrastructure fund yet, following Alliance Fund II, which was closed on $240 million
- Advent-Morro Equity Partners, Arcapita, Argonaut Private Equity, BASF Venture Capital, Crosslink Capital, DBL Partners, Emerald Technology Ventures, EnerTech Capital, EverStream Energy Capital Management, GM Ventures, Israel Cleantech Ventures, MediaWin & Partners, New Energy Capital, NGP Energy Technology Partners, Triton Systems, The Carlyle Group, Virgo Investment Group, Walden Venture Capital, XPV Water Partners are some of the co-investors who invest alongside North Sky Capital

Source: Pitchbook, Company Website, Press Release

OMNES

37 - 41 rue du Rocher, 75008 Paris, France
Tel: +33 (0)1 80 48 79 00

Year Founded: 1999
www.omnescapital.com

Omnes Capital is a private equity and venture capital firm founded in 1999 and is based in Paris, France. The firm seeks to invest in energy, healthcare, IT, B2B & B2C product & services, material & resources, semiconductors, commercial products, manufacturing, TMT, industrials, edtech, life sciences, media, and computer hardware sectors.

AUM: $5.0B | Dry Powder: $1.2B

Key Contacts

Fabien Prévost – Chief Executive Office

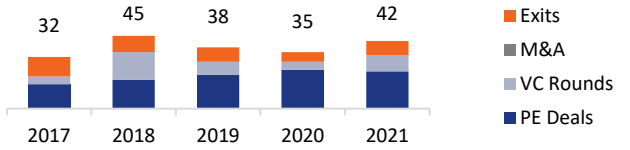
Benjamin Arm – Managing Partner

Michel de Lempdes – Managing Partner

INVESTMENT PREFERENCES

Preferred Industries	Apparel and Accessories, Commercial Products, Commercial Services, Communications and Networking, Computer Hardware, Consumer Durables, Containers and Packaging, Energy Services, Exploration, Production and Refining, Forestry, etc.
Geographical Preferences	Europe
Preferred Deal Types	Buyout/LBO, Early-Stage VC, Later Stage VC, PE Growth/Expansion, Seed Round
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Seeks ESG investments, Will syndicate

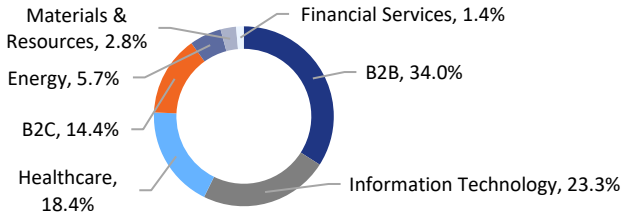
INVESTMENTS BY YEAR



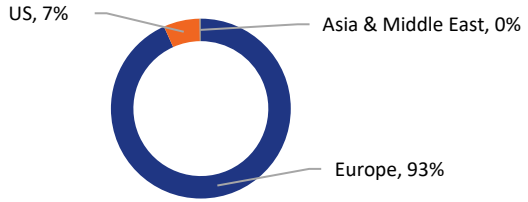
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Omnes Mezzanis 3	2019	$112.3M	NA	The fund targets investments in the forestry, healthcare service, container and packaging sectors
Omnes Expansion III	2018	$117.5M	$70.26M	A small-cap fund targeting to support and transform market leading French SMEs
Omnes Croissance 4	2016	$220.3M	$28.99M	A mid-cap fund that seeks to invest in French small and medium-sized businesses

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

37 - 41 rue du Rocher, 75008 Paris, France
Tel: +33 (0)1 80 48 79 00

Year Founded: 1999
www.omnescapital.com

Key Investments

- In May 2021, Ilmatar, an energy company producing and selling renewable energy received €250 million of development capital from Omnes Capital, Amundi, Après-demain, Arcano Partners, Industriens Pensionsforsikring, Cambridge Associates, RAISE, European Investment Bank and other undisclosed investors. The investment will support the company in consolidating its growth strategy and converting it into a leading independent power producer. It will also enable the company to build at least 1GW of installed wind capacity in Finland by 2027
- In November 2020, Omnes Capital acquired Power Capital Renewable Energy, an operator of utility-scale solar park assets
- In August 2020, Ilmatar Energy acquired 50MW Megatuuli wind farm project via its financial sponsor Omnes Capital through an LBO for an undisclosed sum
- In Jan 2020, Omnes Capital acquired a 30% stake in Danish solar PV developer Better Energy for €30 million. This deal marks the first investment of Omnes's fourth-generation fund dedicated to renewable energy, Capenergie 4. The fund reached its first closing at €380 million in the same month
- In May 2019, a consortium comprising Andera Partners, via its fund WINCH Capital 4, and Omnes, via its fund Omnes Croissance 4, took a majority shareholding in the group SPHEREA which offers modular technology solutions for the entire lifecycle of electronic systems
- In April 2019, AgomAb Therapeutics completed €21 million Series A round led by V-Bio Ventures, Advent France Biotechnology, Boehringer Ingelheim Venture Fund, Omnes and Pontifax. AgomAb Therapeutics N.V. is a privately held Belgian biotherapeutics company developing agonistic antibodies for regeneration of damaged tissues
- In Dec 2018, Omnes, through its Capenergie 3 fund, and Bpifrance, through its France Investissement Energie Environnement (FIEE) fund jointly acquired a minority stake in UNITe. UNITe is an independent renewable energy producer. The aim of the deal was to help UNITe to pursue its growth in terms of developing power plants in France and abroad
- In Dec 2018, Repower Italia and Omnes via its Capenergie 3 fund launched joint venture named Repower Renewable. Repower Renewable's portfolio is made up of hydro, solar and wind assets for a total capacity of about 90MW. The joint venture was formed to manage the portfolio assets and develop new generation projects in the renewable energy sector

Other Details

- Omnes provides SMEs with the capital needed to finance growth. The firm has dedicated investment teams across three key areas: Venture Capital, Buyout & Growth Capital and Infrastructure. The firm has supported 450 businesses. It has $5 billion of assets under management and employs 69 executives
- The firm's latest open mid-cap fund Omnes Croissance 5 was launched in October 2020. The fund has a target size of $411.59 million and seeks to invest in France
- 123 Investment Managers, 180 Degree Capital, 21 Invest, 3i Group, A Plus Finance, Accel, Alpha Group, Amgen Ventures, Andera Partners, Apax Partners (France), aws Gründerfonds, Banexi Ventures Partners, Cathay Capital Private Equity, Exclusive Networks, GeneChem, Idinvest Partners, Kepler Cheuvreux IFE, Le Groupe Freres Blanc, NBGI Private Equity, Pontifax Venture Capital, Scottish Equity Partners, The Carlyle Group, Unexo, Wellington Partners are some of the co-investors who invest alongside Omnes Capital

Source: Pitchbook, Company Website, Press Release

PLATINA
A CATALYST FOR INVESTING

5th Floor 20 Old Bailey London EC4M 7AN England, United Kingdom
Tel: +44 (0)20 7042 9600

Year Founded: 2002
www.platinapartners.com

Platina Partners is a private equity firm founded in 2002 and is based in London, UK. It specializes in growth capital, management buy-ins, management buyouts, leveraged buyouts and equity investments. Platina Energy Partners focuses on renewable energy infrastructure projects, mostly wind and solar

AUM: $6.42M | Dry Powder: $32.94M

Key Contacts

John Elliott – Partner and Chief Executive Office

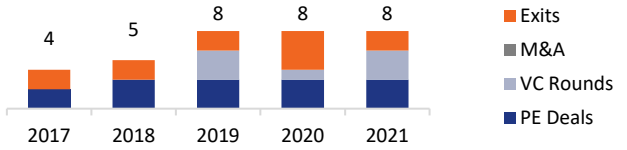
Thomas Rottner – Managing Partner

Riccardo Cirillo – Partner

INVESTMENT PREFERENCES

Preferred Industries	Electrical Equipment, Energy Equipment, Energy Services, Exploration, Production and Refining, Other Services (B2C Non-Financial)
Geographical Preferences	Europe
Preferred Deal Types	Buyout/LBO, Carveout, Management Buy-In, Management Buyout, PE Growth/Expansion
Other Investment Preferences	Long-Term Investor, Seeks ESG investments, Will syndicate

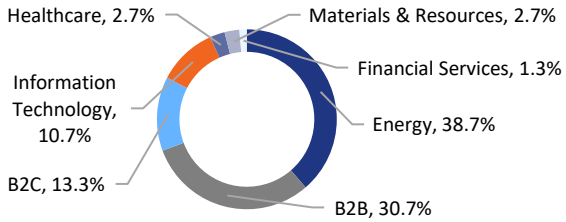
INVESTMENTS BY YEAR



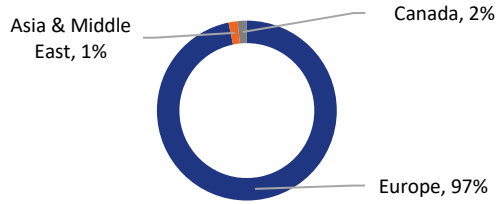
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Platina Energy III	2010	$283.8M	$11.32M	An infrastructure core fund that targets renewable energy, oil & gas, infrastructure, and industrial sectors
Platina Finance I	2007	NA	NA	The fund seeks impact investments and targets business products and services, energy and industrials sector
Platina II	2007	$81.02M	$21.62M	The fund targets commercial services and industrials sectors

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

PLATINA
A CATALYST FOR INVESTING

5th Floor 20 Old Bailey London EC4M 7AN England, United Kingdom
Tel: +44 (0)20 7042 9600

Year Founded: 2002
www.platinapartners.com

Key Investments

- In March 2022, Platina Partners funded Everli, a developer of an online grocery delivery platform. Everli raised $146.3 million of Series C venture funding in a deal Co-led by Verlinvest and United Ventures alongside 10 other investors
- In December 2020, Evocime, a provider of behavioral training was acquired by Fitec, via its financial sponsor Platina Partners, through an LBO, for an undisclosed sum
- In 2018, Platina Partners supported the management team of Green Lighthouse, a solar developer based in Bordeaux to co-found the development company
- In May 2016, Platina Energy Partners LLP, the renewable power arm of Platina Partners LLP agreed to a €50 million ($56.3 million) refinancing for a 20MW solar photovoltaic portfolio in Italy. The company secured the non-recourse long term financing from the Milan branch of ING Bank NV
- In May 2016, Platina Energy Partners LLP secured £28 million of new funding in order to refinance 28MW Danu II wind farm portfolio, consisting of two operational 14MW on-shore wind farms in the UK, both constructed in 2009
- In February 2016, Platina Partners provided development capital to the Lingbo wind plant. The plant can generate 210MW of wind energy for household and commercial purposes which is distributed through out Sweden
- In September 2014, Platina Energy Partners bought a wind farm in Ireland from Quinn Insurance Ltd. The Slieve Rushen wind farm in County Fermanagh comprises 18 turbines for a total capacity of 54MW. The wind farm was bought through competitive tender. The acquisition price remained undisclosed
- In September 2010, Platina Partners invested in TAG Energy Solutions Ltd, a UK based project management and construction company. TAG Energy Solutions has extensive experience in the offshore energy industry and has expanded its capabilities to serve the growing renewable energy sector
- In April 2010, Platina Partners LLP acquired Orites wind farm, an 82MW wind farm that is the first wind farm in Cyprus. The acquisition was made under European Renewable Energy Fund (EREF)
- In April 2010, Platina Partners bought 52MW of operational wind farms from Infigen Energy for €71.3 million. The wind farms are part of the 140MW Fruges wind farms in Pas de Calais, France
- Platina Partners' current renewable portfolio comprise Your Energy. Established in 2001, Your Energy was one of the pioneers in onshore wind development in the UK. The Your Energy team constructed 70MW across five sites. Platina acquired a further 54MW, bringing the Platina UK portfolio to 124MW

Other Details

- Over the years Platina Partners has invested in four development platforms, operated more than 740MW of renewable assets across 48 investments and deployed €1.3 billion. Since inception, the company invested in major solar PV and wind projects predominantly in continental Europe and in the UK, opportunistically elsewhere
- Platina operates on the French and European lower middle markets typically investing tickets in the range of €5m to up to €30m, while favoring incremental growth and prudent leverage. Its investment team comprises 18 experienced executives
- 123 Investment Managers, Arise, Ekium, ETF Partners, Rive Private Investment, TriNova, Perseus Capital Partners, Idinvest Partners, Cube Infrastructure Managers, DN Capital, Ekium, Rive Private Investment, Stags Participations, United Ventures, TriSpan, Verve Ventures are some of the co-investors who invest alongside Platina Partners

Source: Pitchbook, Company Website, Press Release

QUADRIVIO GROUP

Via Manfredo Camperio 9, 20123 Milan, Italy
Tel: +39 02 8909 3758

Year Founded: 2000
www.quadriviosgr.com

Quadrivio SGR is a private equity firm founded in 2000 and is based in Milan, Italy. The firm invests in the food, beverage, manufacturing, distribution, business-to-business service, financial service, niche fast-moving consumer good and specialty machinery sectors

AUM: $659.63M | Dry Powder: $269.18M

Key Contacts

Alessandro Binello – Group Chief Executive Officer & Managing Partner

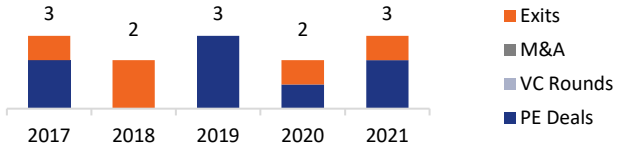
Walter Ricciotti – Chief Executive Officer & Managing Partner

David Pambianco – Managing Partner

INVESTMENT PREFERENCES

Preferred Industries	Business Products and Services (B2B), Consumer Products and Services (B2C), Healthcare, Information Technology
Geographical Preferences	Europe, US
Preferred Deal Types	Buyout/LBO, Debt - General, Early-Stage VC, Later Stage VC, Seed Round
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Seeks ESG investments, Will syndicate

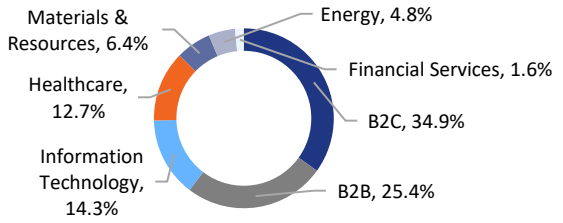
INVESTMENTS BY YEAR



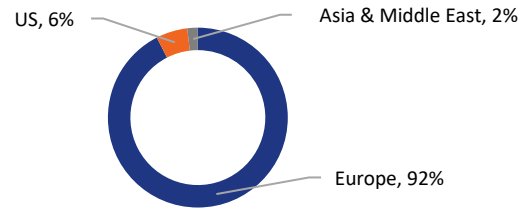
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Industry 4.0 Fund	2018	$170.7M	$85.11M	The fund targets to invest in digital transition & technological innovation for Italian SMEs
Industry 3.0 Fund	2017	NA	NA	The fund prefers to invest in digital & technological companies in Italy & Luxembourg
Quadrivio Fondi Q3	2017	$236.8M	$54.04M	The fund targets investments in the computer hardware sector in Italy

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

QUADRIVIO GROUP

Via Manfredo Camperio 9, 20123 Milan, Italy
Tel: +39 02 8909 3758

Year Founded: 2000
www.quadriviosgr.com

Key Investments

- In July 2021, Texbond, a manufacturer of polypropylene nonwoven fabrics was acquired by Quadrivio SGR, Mediocredito Trentino-Alto Adige, Mr. Giuseppe Gaspari and Ms. Cristina Parisi through an LBO for €60 million
- In November 2020, EPI (Accessories), an operator of an e-commerce sports merchandising company was acquired by Quadrivio SGR through an LBO for an undisclosed amount
- In July 2019, Quadrivio acquired a majority stake in Italy-based rotational moulding business Rototech. Quadrivio via its Industry 4.0 fund, acquired 60% stake in Rototech from the founding Accornero family
- In June 2019, Quadrivio Group , through its Industry 4.0 fund , acquired a majority stake in Nabucco, the holding company of F&DE Group , active in hotel catering services
- In December 2017, Quadrivio Capital S.G.R. acquired a portfolio of photovoltaic plants from IMESA. The portfolio consists of three ground-based photovoltaic plants located in Central Italy
- The Quadrivio Green Energy Fund invested in 4 greenfield projects - 2 biogas plants and 2 mini-hydro plant. The fund also approved a new investment to acquire a group of solar plants bringing the draw-down to 40% of the total commitment. The fund closed the fundraising in December 2016 with a total amount equal to €52 million
- In October 2016, Quadrivio Private Equity Fund 3 acquired a majority stake in Farmol. Farmol based out of Italy, is a producer of aerosol and liquid-based products for the household and personal care sector
- In February 2016, Quadrivio through its fund "Quadrivio Private Equity Fund 3 (QPEF3)", acquired a majority stake in printed circuit board producer Somacis for €100 million from IMI Fondi Chiusi. Somacis Group produces printed circuit boards for the aerospace, medical and infrastructure sector
- In December 2014, Quadrivio acquired Pantex, from Bromioli Rocco Holdings Sa (Vision Capital and Banca Nazionale del Lavoro). Pantex, based out of Italy, is a roll goods manufacturer which offers premium materials for the hygienic market

Other Details

- Quadrivio Group has cumulatively raised and managed over €2 billion. The group has an international presence, with offices in Luxembourg, Milan and London. The group has made more than 100 investments so far. Quadrivio group has realized significant performances, with 21% Average Portfolio IRR. Quadrivio's investment team comprises 55 professionals
- Quadrivio group's latest open fund "Silver Economy Fund" was launched in April 2021 and has target size of $474.72 million. Silver Economy Fund is a themed fund focusing on enterprises leading the Baby Boomers and Over 70. The fund will invest in European and US companies offering bespoke products and services to the entire over-50s age group, supplying these businesses with the necessary capital to speed up growth and development
- 21 Invest, Axiom Asia Private Capital, Change Capital Partners, Istituto Atesino di Sviluppo, NEM Sgr, New Horizon, Siguler Guff & Company, Style Capital SGR, Sirius Holding, Tachyon Mobility, TTVenture, Vertis SGR, Wellington Partners, ZernikeMeta Ventures are some of the co-investors who invest alongside Quadrivio Group

Source: Pitchbook, Company Website, Press Release

RIVER STONE

712 5th Avenue, 36th Floor, New York, NY 10019, US
Tel: +1 (212) 993-0076

Year Founded: 2000
www.riverstonellc.com

Riverstone Holdings is an energy and power-focused private equity investment firm founded in 2000 and is based in New York, US. It conducts buyout and growth capital investments in the exploration & production, midstream, oilfield services, power, and renewable sectors of the energy industry

AUM: $80B | Dry Powder: $1.74B

Key Contacts

Pierre F. Lapeyre, Jr – Co founder and Senior Manging Director

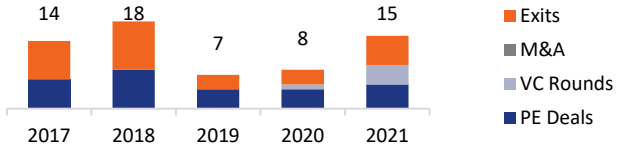
David M. Leuschen – Co founder and Senior Manging Director

Christopher A. Abbate – Partner

INVESTMENT PREFERENCES

Preferred Industries	Commercial Services, Energy Services, Exploration, Production and Refining, Other Financial Services, Software
Geographical Preferences	Africa, Americas, Asia, Australia, Europe
Preferred Deal Types	Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Seeks ESG investments, Will syndicate

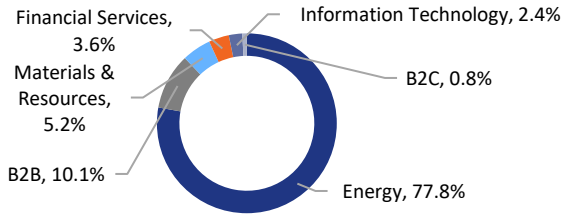
INVESTMENTS BY YEAR



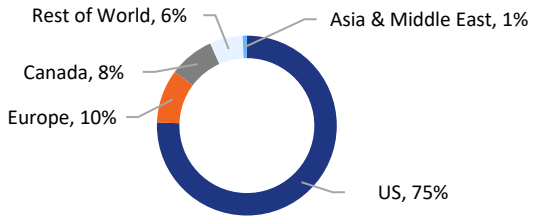
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Riverstone Non-ECI Partners	NA	$256.3M	NA	A buyout fund with no minimum investment criteria
Riverstone Echo Continuation Fund	2020	$988.6M	$794.98M	The fund is comprised of a total of 40 investors
Riverstone Strategic CIOC Partners	2016	$17M	$5.40M	The fund targets investments in the energy service, exploration, production & refining sectors

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

RIVER STONE

712 5th Avenue, 36th Floor, New York, NY 10019, US
Tel: +1 (212) 993-0076

Year Founded: 2000
www.riverstonellc.com

Key Investments

- In March 2022, Summit Partners, Peabody Energy and Riverstone Holdings formed R3 Renewables, a joint venture company which operates as a renewable energy development company committed to developing and building grid-scale reliable renewable generation
- In August 2021, Sicona Battery Technologies, a developer of lithium-ion battery materials raised $2.73 million of seed funding in a deal led by Riverstone Holdings and Artesian Capital Management. Chaos Ventures, Bandera Capital, SDGx, and other undisclosed investors also participated in the round. The funds will be used to accelerate pilot manufacturing and commercial deployment of Sicona's innovative battery materials
- In January 2021, Lithium Royalty Corp, an operator of a battery royalty and streaming company received c.$71 million of development capital from Riverstone Holdings and Altius Minerals
- In May 2019, Pattern Energy backed by Riverstone Holdings acquired two operating wind power facilities: the Henvey Inlet Wind facility in Ontario and the Grady Wind Facility in New Mexico. The purchase price was $293 million. The wind power facilities have PPA contract for 20 and 25 years respectively
- In February 2019, Riverstone Holdings committed an equity investment of around $500 million for Three Rivers Natural Resource Holdings IV, an oil and gas exploration and production company
- In January 2018, Riverstone Holdings LLC and Goldman Sachs Merchant Banking Division acquired Lucid Energy Group II from Lucid Energy Group for approximately $1.6 billion in cash. Lucid Energy Group II offers oilfield midstream services
- In May 2017, Riverstone Holdings and JOG Capital co-led an equity financing round of C$295 million for Vesta Energy Corp. Vesta Energy Corp. operates as an exploration and production company
- In December 2016, Riverstone Holdings acquired the remaining 65% stake in Talen Energy Corporation for $5.2 billion.Talen Energy is an independent power producer based in US. At the time of the acquisition, Talen Energy owned or controlled 16,000MW of capacity in eight states
- In December 2014, Riverstone Holdings LLC invested approximately $150 million in Castex Energy. Riverstone invested approximately $100 million from Riverstone Global Energy and Power Fund V ("Fund V") and approximately $50 million from Riverstone Energy Limited ("REL"). The investment made Riverstone the largest investor in "Castex Energy 2005". Castex 2005 has operations in South Louisiana and the Gulf of Mexico Shelf and is an affiliate of Castex Energy 2014, LLC, which was formed by Riverstone and Castex management in September 2014

Other Details

- Riverstone has raised nearly $40 billion of capital. It has committed to nearly 200 investments in North America, South America, Europe, Africa, Asia, and Australia. The firm operates from offices located in New York, Menlo Park, London, Houston, Mexico City and Amsterdam
- The firm’s latest open fund “Riverstone Logistics Fund” was launched in April 2021 and has a target size of $200 million. The fund will invest in Southeast and Midwest regions of the US and targets investments in the logistics sector
- Abaco Energy Technologies, Access Industries, ACE & Company, AES, AMCI Group, Apollo Global Management, Azimuth Capital Management, BNP Paribas, Fieldwood Energy, First Reserve, Goldman Sachs Merchant Banking Division, Intermediate Capital Group, Kelso Private Equity, Lime Rock Partners, Magellan Midstream Partners, NGP, Pattern Energy Group, Riverstone Energy, SchindlerAM Ventures, Stallion Oilfield Services, The Carlyle Group, Wind Ventures are some of the co-investors who invest alongside Riverstone Holding

Source: Pitchbook, Company Website, Press Release

ROCKLAND CAPITAL

24 Waterway Avenue, The Woodlands, TX 77380, US
Tel: +1 (281) 863-9000

Year Founded: 2003
www.rocklandcapital.com

Rockland Capital is an infrastructure investment firm founded in 2003 and is based in The Woodlands, Texas. The firm seeks to invest in the infrastructure, industrial, and energy services sectors

AUM: NA | Dry Powder: $785.05M

Key Contacts

Scott Harlan – Co-Managing Partner

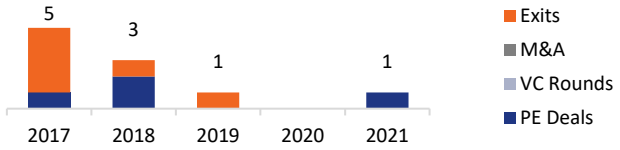
Jim Maiz – Co-Managing Partner

Jon Beach – Partner

INVESTMENT PREFERENCES

Preferred Industries	Energy Services, Exploration, Production and Refining, Other Business Products and Services
Geographical Preferences	Europe, North America
Preferred Deal Types	Acquisition Financing, Buyout/LBO, Management Buyout, PE Growth/Expansion, Recapitalization
Other Investment Preferences	Seeks distressed investments, Will syndicate

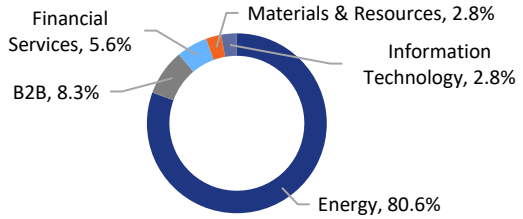
INVESTMENTS BY YEAR



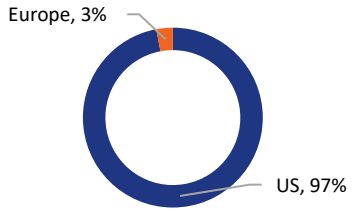
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Rockland PJM Partners	2020	$200M	$130.73M	The fund targets investments in the power sector in US
Rockland Power Partners III	2018	$454M	$320.48M	The fund preferably focuses on energy industries. Its preferred verticals are industrials & infrastructure
Rockland Power Partners II	2013	$425M	$39.67M	The fund preferably focuses on exploration, production and refining mainly in North America

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

ROCKLAND CAPITAL

24 Waterway Avenue, The Woodlands, TX 77380, US
Tel: +1 (281) 863-9000

Year Founded: 2003
www.rocklandcapital.com

Key Investments

- In December 2021, Rockland Capital entered into a definitive agreement to acquire the two gas-fired peaking facilities of Agilon Energy for $64.3 million
- In Nov 2019, Rockland Capital purchased US renewable energy portfolio from Chicago-based Seventus LLC, a subsidiary of Suzlon Energy. In this deal Rockland acquired more than 800MW wind and solar portfolio. The deal amount was not disclosed
- In May 2019, Rockland Capital acquired 100% of the interests in Rolls Royce Power Development Limited – now renamed Whitetower Energy Limited from Rolls Royce Plc. The 308MW Portfolio comprises five natural gas peaking facilities located throughout the UK
- In May 2018, Rockland Capital acquired 12MW natural gas combined cycle facility located in Dayton, Ohio
- In May 2018, Rockland Capital acquired 12MW natural gas simple cycle facility located in Sidney, Ohio
- In May 2018, Rockland Capital acquired Montpelier, a 263MW natural gas simple cycle facility located in Poneto, Indiana
- In Sep 2016, Rockland Capital, LLC acquired 100% interests in a combined cycle cogeneration facility located in Clark County, Nevada (“NCA2”) \and a dual-fuel combined cycle facility located in Pasco County, Florida (“Pasco”) from affiliates of Quantum Utility Generation, LLC. NCA2 is a fully contracted, 85MW natural gas-fired qualifying facility that sells 100% of its electric output to Nevada Power under the terms of a long-term PPA and Pasco is also a fully contracted, 121MW dual-fuel combined cycle plant that sells 100% of its electric output to TECO under the terms of a Tolling Agreement
- In March 2015, Rockland Capital acquired a 17MW biomass plant located in Rabun county, Georgia
- In July 2013, Rockland Capital acquired Lakeswind Power Partners, LLC which owned a 49.9MW wind facility in Minnesota, US. Lakeswind will sell a majority of its power under a 20-year contract with the Wisconsin municipal joint action agency Great Lakes Utilities
- In March 2012, Rockland Capital completed its acquisition of Beacon Power Corporation’s 20MW flywheel energy storage plant in Stephentown, New York, and most of the other assets of the Company. Under the terms of the agreement, Rockland purchased substantially all of the Company’s assets for a combination of cash and a promissory note to the US Department of Energy, totalling $30.5 million

Other Details

- Rockland Capital’s portfolio investments are located throughout the US and the UK and ranges between 1,875MW to 5MW in size. The portfolio comprises natural gas, coal, biomass, oil, energy storage, wind and solar power. Rockland’s investment team comprises 28 executives. It works with industry players and vendors who are looking for an operational partner for new, existing or refurbished projects
- Its most recent open fund is Rockland Power Partners IV. The fund is managed by Rockland Capital and targets investments in the oil & gas sector
- Angelo, Gordon & Co., Ares Private Equity Group, Broadway Electrical, GE Energy Financial Services, Goldman Sachs Asset Management, Lightyear Capital, Main Line Generation, Solus Alternative Asset Management, Veber Partners, Wolverine Power Supply Cooperative are some of the co-investors who invest alongside Rockland Capital

Source: Pitchbook, Company Website, Press Release

SILVERLAKE

2775 Sand Hill Road, Suite 100, Menlo Park, CA 94025, US
Tel: +1 (650) 233-8120

Year Founded: 1999
www.silverlake.com

Silver Lake is a private equity firm founded in 1999 and is based in Menlo Park, California. The firm seeks to invest in disruptive technology, technology-enabled, and related growth companies.

AUM: $90B | Dry Powder: $15.25B

Key Contacts

Egon Durban – Co-CEO

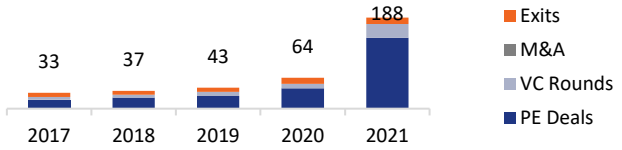
Greg Mondre – Co-CEO

Kenneth Hao – Chairman and Managing Partner

INVESTMENT PREFERENCES

Preferred Industries	Commercial Services, Computer Hardware, Media, Other Consumer Products and Services, Software
Geographical Preferences	Canada, East Asia, North America, US, Western Europe
Preferred Deal Types	Buyout/LBO, PE Growth/Expansion, PIPE, Recapitalization
Other Investment Preferences	Invests in GP Stakes, Prefers majority stake, Prefers minority stake, Will syndicate

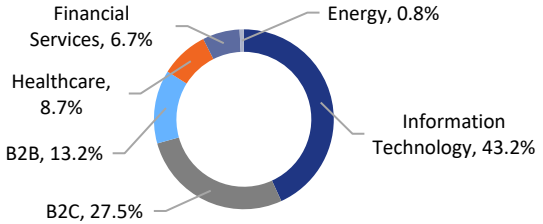
INVESTMENTS BY YEAR



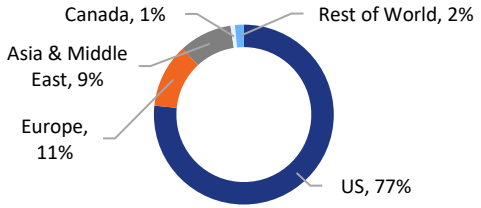
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Silver Lake Partners VI	2020	$20B	$10.84B	The fund focuses on large-scale investments in technology, technology-enabled & related growth industries
Silver Lake Partners V	2017	$15B	$1.55B	The fund invests in technology, software, B2C, energy, financial services, TMT & IT sectors
Silver Lake Kraftwerk Fund	2013	$720M	$16.80M	A growth-expansion fund focused on investments in the IT sector

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

SILVERLAKE

2775 Sand Hill Road, Suite 100, Menlo Park, CA 94025, US
Tel: +1 (650) 233-8120

Year Founded: 1999
www.silverlake.com

Key Investments

- In March 2022, Entrata, a developer of property management software was acquired by Silver Lake, Dragoneer Investment Group and HGGC through an LBO for $1.5 billion
- In December 2021, Integrity Marketing Group, a distributor of life and health insurance and provider of wealth management and retirement planning service received $1.2 billion of development capital from Silver Lake and Government of Singapore Investment Corporation (GIC). The investment will help the company to accelerate the development and implementation of its omnichannel insurance technology platform
- In July 2021, SmartRecruiters, a developer of an online recruitment platform raised $110 million of Series E venture funding in a deal led by Silver Lake. Insight Partners, Acadian Ventures, Mayfield (Private Equity), and W Capital Partners also participated in the round. The funds will be used to accelerate product development for its leading talent acquisition suite in the areas of intelligence, automation and conversational interfaces
- In September 2020, Silae, a developer of cloud-based payroll and human resource software was acquired by Silver Lake Management through a $600 million LBO
- In May 2020, Waymo, a developer of a self-driving technology raised $2.5 billion of Series B venture funding from Magna International, AutoNation, and Silver Lake. Eight other investors also participated in the round. The funds will be used to continue advancing the company's growth and team
- In November 2019, Silver Lake, through its fund Silver Lake Partners V, agreed to acquire First Advantage from Symphony Technology Group in a deal that valued the company for more than $1.5 billion. First Advantage, based in Atlanta, provides background screening identity service to employers and housing providers globally
- In October 2019, Silver Lake acquired TEG from funds advised by Affinity Equity Partners (S) Pte Ltd and its affiliates. The financial terms were not disclosed. TEG is an entertainment and ticketing company in Asia Pacific
- In July 2019, Unity Technologies offered to buy up to $525 million of the company shares from common shareholders. The investment came from a group of investors including D1 Capital Partners, Canada Pension Plan Investment Board (CPPIB), Light Street Capital, Silver Lake Partners, and Sequoia Capital. Silver Lake Partners also invested $400 million in the company in May 2017. Unity Technologies is the creator of a flexible and high-performance end-to-end development platform used to create rich interactive 2D, 3D, VR and AR experiences
- In August 2017, Silver Lake Kraftwerk a fund of Silver Lake led an investment round for Peloton Computer Enterprises, a leading provider of well data software solutions to the oil and gas industry. Other investment partners were TriWest Capital Partners and HarbourVest Partners. The terms of the transaction were not disclosed

Other Details

- At present Silver Lake has over $90 billion in combined assets under management and committed capital and a team of approximately 162 investment and operating professionals located around the world. Silver Lake operates through 8 offices, 5 of which are located in the US and 1 office each in Singapore, London and Hong Kong
- Silver Lake's portfolio companies collectively generate more than $243 billion of revenue annually and employ more than 586,000 people globally. The firm's latest open fund "Silver Lake Partners VII" is a private equity fund focused on investments in US & North America. In February 2022, the South Dakota Investment Council approved commitments totaling up to $250 million towards the fund
- 137 Ventures, A.G. Hill Partners, Access Technology Ventures, ACE & Company, Adams Street Partners, AlpInvest Partners, Apax Partners, Apollo Global Management, Ardian, Baillie Gifford, Bain Capital, Canada Pension Plan Investment Board, Dragoneer Investment Group, EQT, FirstMark Capital, Thrive Capital, Tola Capital, Unitas Capital, Warburg Pincus, Yunfeng Capital, Zedcrest Group are some of the co-investors who invest alongside Silver Lake

Source: Pitchbook, Company Website, Press Release

SIXTH STREET

345 California Street Suite 3300 San Francisco, CA 94104 US
Tel: +44 (0)20 7009 4800

Year Founded: 2009
www.sixthstreet.com

Sixth Street Partners is a private equity firm founded in 2009 and is based in San Francisco, California. The firm seeks to invest in growth-stage companies operating in the business services, consumer, internet, energy, healthcare, life sciences, real estate, renewables, retail, technology, software, telecom and media sectors

AUM: $60B | Dry Powder: $11.27B

Key Contacts

David Stiepleman – Co-Founding Partner, Co-President & Chief Operating Officer

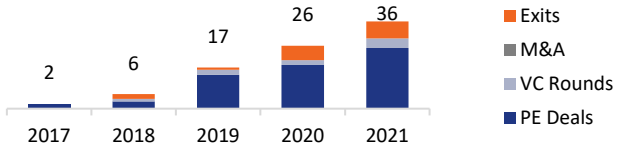
Robert Karicod – Partner & Chief Financial Officer

Michael Muscolino – Co-Founder and Partner

INVESTMENT PREFERENCES

Preferred Industries	Agriculture, Buildings and Property, Commercial Products, Consumer Durables, Energy Equipment, Energy Services, Exploration, Production and Refining, Healthcare Devices and Supplies, Healthcare Services
Geographical Preferences	NA
Preferred Deal Types	Debt - General, Loan, Management Buyout, Mezzanine, PE Growth/Expansion, Recapitalization, Secured Debt, Subordinated Debt
Other Investment Preferences	Invests in GP Stakes, Long-Term Investor, Prefers minority stake, Seeks Impact investments, Will syndicate

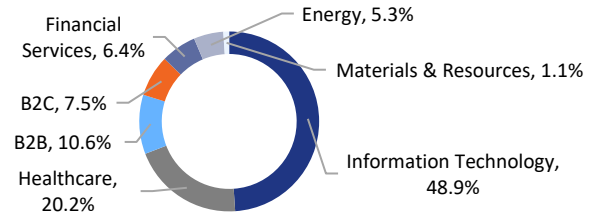
INVESTMENTS BY YEAR



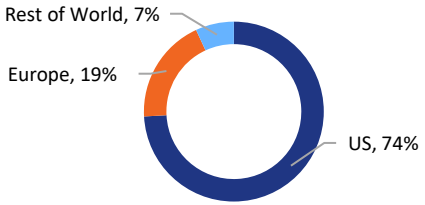
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Sixth Street TAO 5.0 Equity	2020	NA	NA	A flexible fund with the ability to be both nimble in small and reliable in large transactions
Sixth Street Fundamental Strategies Partners Fund	2020	NA	NA	The fund is focused on identifying and investing in thematic dislocations in public markets
Super TAO MA	2020	NA	NA	The fund makes both medium and long term-oriented investments across geographies

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

SIXTH STREET

345 California Street Suite 3300 San Francisco, CA 94104 US
Tel: +44 (0)20 7009 4800

Year Founded: 2009
www.sixthstreet.com

Key Investments

- In March 2022, EniPower agreed to sell 49% stake in the company to Sixth Street Partners for c.$667 million. EniPower is an energy generation company dedicated to the production of electricity and steam. The company offers decarbonized blue gas products, bioproducts from bio-refineries and green products from renewable sources
- In February 2022, Bloomreach, a developer of a cloud-based software received $175 million of development capital from Sixth Street Partners, Bain Capital Ventures, VII Ventutes and Goldman Sachs Asset Management. The capital will be invested in R&D to bring more personalization to life and make it easier to connect via APIs
- In December 2021, SnapLogic, a developer of a unified data and application integration platform raised $165 million through the combination of debt and Series H venture funding in a deal led by Sixth Street Partners. The funds will be used to speed up the company's international expansion, product innovation, and sales and marketing
- In July 2021, CIOX Health, a developer of a medical information management platform was acquired by Datavant, via its financial sponsors Sixth Street Partners, The Goldman Sachs Group, Cigna Ventures, Transformation Capital, Flex Capital and Johnson & Johnson Innovation - JJDC, through a $7 billion LBO
- In November 2020, Convex Insurance, a specialty insurer and reinsurer firm received $500 million of development capital from Sixth Street Partners
- In January 2020, DrFirst, a developer of e-prescribing and secure messaging services received $50 million of development capital from Sixth Street Partners
- In September 2019, FerroAtlántica, a subsidiary of Ferroglobe and an operator of hydroelectric facilities was acquired by Sixth Street Partners through a $189 million LBO. The company assets transferred in this transaction include ten hydroelectric power plants with a combined generating capacity of approximately 167MW
- In June 2019, Glendale Energy Ventures, an operator of private oil and gas company received $500 million of development capital from TPG Sixth Street Partners. The financing is intended to be used for acquisition purposes
- In December 2018, Clara-Pensions, a provider of benefit pension scheme consolidation services received c.$286 million of development capital from Wilton Re and Sixth Street Partners
- In April 2017, Trinity Midstream, an operator of a 185 miles long carbon dioxide pipeline was acquired by TPG Sixth Street Partners and Trinity CO2 through an LBO for an undisclosed sum

Other Details

- Founded in 2009, Sixth Street is a global investment firm with $60 billion in assets under management. The company currently has more than 350 team members including over 180 investment professionals operating from 9 locations around the world. The firm operates 9 investment platforms which provide capital and created financing solutions across a wide range of industry verticals
- Its most recent open fund, Sixth Street Mid-Stage Growth Partners was launched in January 2021 and has a target size of $750 million. The fund will focus on the purchase or origination of investments in performing, late-stage growth companies in the software/technology sectors. Investments will generally consist of equity-oriented transactions, hybrid debt and equity investments, or debt-focused investments
- Alpha Square Group, Aquiline Capital Partners, Black Diamond Capital Management, Coatue Management, EverCommerce, Glade Brook Capital Partners, Highland Capital Management, New Mountain Capital, Providence Equity Partners, Providence Strategic Growth, Silver Lake, The Goldman Sachs Group, W Capital Partners are some of the co-investors who invest alongside Sixth Street Partners

Source: Pitchbook, Company Website, Press Release

5 Greenwich Office Park 2nd Floor Greenwich, CT 06831 US
Tel: +1 (203) 422-7700

Year Founded: 2005
www.starwoodenergygroup.com

Starwood Energy Group is a private equity firm founded in 2005 and is based in Greenwich, Connecticut. The firm specializes in energy infrastructure investments, with a focus on renewables, power generation, transmission, storage, and midstream and downstream sectors in North America

AUM: $3B | Dry Powder: $1.44B

Key Contacts

Himanshu Saxena – Chief Executive Officer

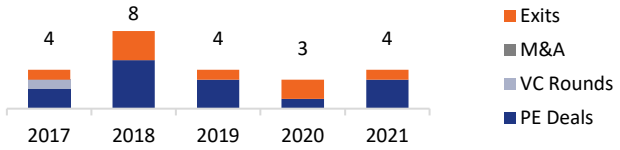
Madison F. Grose – Vice Chairman, Senior Managing Director and General Counsel

Alex Daberko – Managing Director

INVESTMENT PREFERENCES

Preferred Industries	Energy
Geographical Preferences	North America
Preferred Deal Types	Buyout/LBO, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Seeks Impact investments, Will syndicate

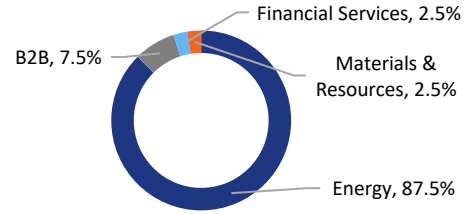
INVESTMENTS BY YEAR



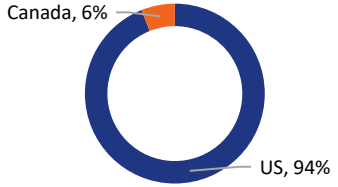
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Energy Infrastructure Fund III	2018	$1.20B	$456.0M	Seeks to invest in mid-market high-voltage transmission within wind, solar, natural gas in NAMER
Energy Infrastructure Fund II	2013	$983M	$983.0M	The fund invests in wind, solar, natural gas & other power generation & transmission assets in NAMER
Energy Infrastructure Fund	2008	$433M	$4.5M	The fund targets impact investing in energy and infrastructure sectors

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

5 Greenwich Office Park 2nd Floor Greenwich, CT 06831 US
Tel: +1 (203) 422-7700

Year Founded: 2005
www.starwoodenergygroup.com

Key Investments

- In September 2021, BerQ RNG, a developer of renewable natural gas projects was acquired by Starwood Energy Group through an LBO, for an undisclosed sum
- In June 2021, Starwood Energy Group acquired portfolio of renewable assets from Con Edison Development for an undisclosed amount. The transaction was supported by $68.4 million debt financing in the form of loan from CIT Group. The portfolio consists of a 150MW solar plant and an adjacent 25MW battery storage facility
- In December 2020, Starwood Energy Group acquired a 150MW wind farm in Lincoln County, Colorado, through an LBO, for an undisclosed sum
- In July 2019, Starwood Energy Group acquired a portfolio of 2 contracted power plants, Garrison Energy Center & RockGen Energy Center from Calpine Corporation through a $360 million LBO. The portfolio consists of dual-fuel power plants with a capacity of 325MW and 503MW that are located in the Eastern Mid-Atlantic and the midcontinent independent system operator (MISO) regions
- In November 2018, Starwood Energy Group acquired a 545MW, periodic-start, combustion-turbine generation station through a $144 million LBO. The West Lorain Power Plant is located across 500 acres in Lorain, Ohio and contains seven combustion turbines, two heat-recovery steam generators and a steam turbine generator
- In September 2017, Compass Power Generation acquired 2 power generation plants from Dynegy via its financial sponsor Starwood Energy Group, through a $119 million LBO. The portfolio contains 2 Dighton and Milford gas-fueled plants of 310MW capacity. The proceeds from the sale will go toward debt reduction and will allow the company to crystallize value in the ComEd region
- In June 2015, Starwood Energy Group acquired 204MW Shannon Wind Project through an LBO, for an undisclosed amount. Citibank, Santander Corporate Banking, Berkshire Hathaway Energy and Royal Bank of Canada Group provided a loan facility of $287 million as part of the transaction
- In March 2015, Starwood Energy Group acquired Lakeside Generation through an LBO, for an undisclosed sum. Lakeside Generation is a subsidiary of Lakeside Energy, the company owns & operates natural gas facilities located in the US

Other Details

- Founded in 2005, Starwood Energy specializes in energy infrastructure investments, with a focus on power generation, transmission, storage, and related projects. Through Starwood Energy Infrastructure Fund, including successor funds and affiliated investment vehicles, Starwood Energy has raised in excess of $3 billion of equity capital and has executed transactions totaling more than $8 billion in enterprise value, inclusive of $2 billion in enterprise value related to the development and construction of renewable assets such as wind farms, solar farms and biomass power plants
- Starwood Energy actively pursues attractive, risk-adjusted returns from both opportunistic acquisitions and development of energy infrastructure assets. Starwood Energy's equity investments typically range from $50 million to $200 million or more in the middle-market. The firm's latest open fund is SCG Maple Co-Invest, which is a hedge fund managed by Starwood Capital Group
- Abengoa, Ares EIF Group, Cate Street Capital, BlackRock, Frist Capital, J.H. Whitney Capital Partners, Nautilus Solar Energy, Post Oak Energy Capital, Quarry Capital Management, Roccia Partners, Temasek Holdings, United Business Media, VantagePoint Capital Partners are some of the co-investors who invest alongside Starwood Energy Group

Source: Pitchbook, Company Website, Press Release

STONEHENGE PARTNERS

191 West Nationwide Boulevard, Suite 600, Columbus, OH 43215, US
Tel: +1 (614) 246-2500

Year Founded: 1999
www.stonehengepartners.com

Stonehenge Partners is a private equity investment firm founded in 1999 and is based in Columbus, Ohio. The firm specializes in management buyouts, leveraged acquisitions, recapitalization, expansion/growth capital and mezzanine transactions

AUM: $1B	Dry Powder: $122.12M

Key Contacts

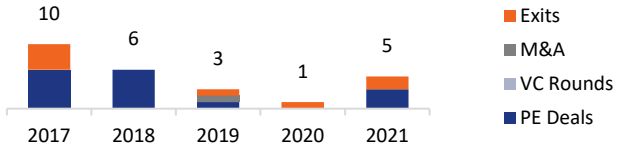
Erin Bender – Chief Financial Officer

Andrew Bohutinsky – Managing Partner

Peter Davies – Managing Partner

INVESTMENT PREFERENCES	
Preferred Industries	Building Products, Distributors/Wholesale, Healthcare Services, Industrial Supplies and Parts, Machinery (B2B), Office Services (B2B), Other Commercial Services
Geographical Preferences	US
Preferred Deal Types	Add-on, Buyout/LBO, Carveout, Corporate Divestiture, Equity For Service, Investor Buyout by Management, Leveraged Recapitalization, Management Buy-In, Management Buyout, Merger/Acquisition
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Will syndicate

INVESTMENTS BY YEAR

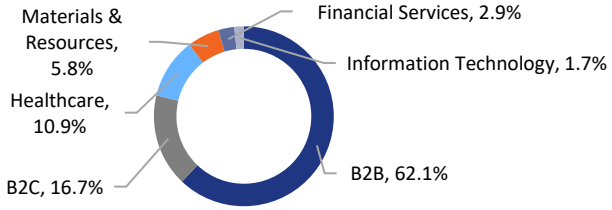


Source: Pitchbook

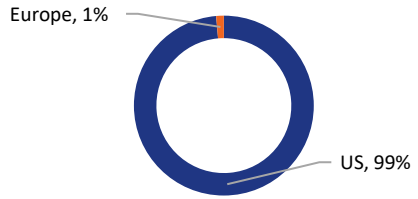
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Stonehenge Opportunity Fund IV	2016	$280M	$0.00	The fund targets commercial, industrial, food & packaging sectors
Stonehenge Opportunity Fund III	2011	$280M	£9.18M	A SBIC fund providing mezzanine & structured equity to middle-market commercial products & healthcare companies in the US
Mezzanine Opportunities II	2008	$200M	$0.00	This fund focuses on healthcare devices and supplies and healthcare supply services

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



STONEHENGE PARTNERS

191 West Nationwide Boulevard, Suite 600, Columbus, OH 43215, US
Tel: +1 (614) 246-2500

Year Founded: 1999
www.stonehengepartners.com

Key Investments

- In February 2021, The Davlyn Group, a manufacturer of high-temperature textile products received $10 million of development capital from Stonehenge Partners
- In June 2019, Weil Foot & Ankle Institute, a provider of podiatric care, research and training services received an undisclosed amount of development capital from Stonehenge Partners and Aureus Capital
- In Aug 2018, Huron Capital with KCM Capital Partners and Stonehenge Partners raised a joint investment in national food service supplier Atlantic Beverage Company. Atlantic Beverage serves as Huron Flex Equity's newest platform in the food service and distribution markets
- In Feb 2018, Verogy raised $5 million in pre-seed equity capital from Stonehenge Growth Capital. Verogy is a solar-development company
- In Oct 2017, Stonehenge Partners, Inc. invested approximately $1 billion in Simmons Grain Company. This company is a supplier of organic soybean meal to the organic poultry and egg industries
- In Aug 2017, Stonehenge Growth Capital invested $5 million through the Invest CT program in PosiGen in order to increase the company's operations in Connecticut and to provide clean energy technology to hundreds of low- to moderate-income Connecticut households. This company has already reduced the cost burden across four states, including Connecticut, New York, Louisiana and Florida. This investment helped PosiGen to provide an additional 750 rooftop solar panel systems to further reduce Connecticut households' energy costs
- In Dec 2015, MedVet Associates raised $31.5 million in a combination of private equity and bank loans to finance an acquisition. Stonehenge Partners Inc. and SkyKnight Capital Fund LP invested to finance MedVet's Chicago acquisition. This deal was raised to fuel expansion of MedVet
- In Oct 2011, SL Green Realty Corp. and Stonehenge Partners formed a joint venture to enter into a contract to acquire eight retail and multifamily properties for $416 million. This transaction was completed in the first quarter of 2012. SL Green Realty Corp. is fully integrated real estate investment trust, focused primarily on acquiring, managing and maximizing value of Manhattan commercial properties

Other Details

- Stonehenge invests in manufacturing, distribution, healthcare and business services companies. Stonehenge avoids investments in real estate, retail and technology. The firm has made approximately $1 billion of capital commitments. Its investments range from $5 million to $40 million. The firm's investment team comprises 16 executives
- The firm is currently investing through its fifth fund. The situations preferred by the firm are management and leveraged buyouts, acquisitions, recapitalizations and growth equity. The firm's latest open fund Stonehenge Opportunity Fund V, has a size of c.$122 million and focuses on investment in the US
- 3Stone Advisors, Barings BDC, Calvert Street Capital Partners, Dayton Development Coalition, Goldman Sachs Merchant Banking Division, Incline Equity Partners, Invesco Real Estate, Installed Building Products, Littlejohn & Co., MedVet Associates, Primus Capital are some of the co-investors who invest alongside Stonehenge Partners

Source: Pitchbook, Company Website, Press Release

TEMASEK

60B Orchard Road, #06-18 Tower 2 The Atrium at Orchard Singapore, 238891
Tel: +65 6828 6828

Year Founded: 1974
www.temasek.com.sg

Temasek Holdings is a sovereign wealth fund founded in 1974 and is based in Singapore. The firm prefers to invest in financial services, telecommunications, media, technology, consumer, real estate, transportation, industrials, life sciences, agribusiness, energy and resources sectors

AUM: $280.39B | Dry Powder: $442.01M

Key Contacts

Dilhan Pillay Sandrasegara – Executive Director & Chief Executive Officer

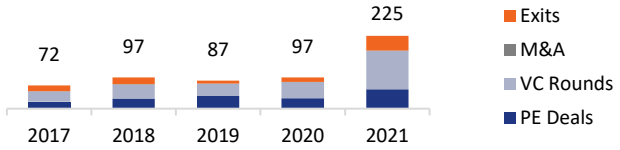
Chia Song Hwee – Deputy Chief Executive Officer

Jonathon Allaway – Chief Technology Officer

INVESTMENT PREFERENCES

Preferred Industries	Agriculture, Energy, Financial Services, Media, Other Materials, Services (Non-Financial), Software, Telecommunications Service Providers, Transportation
Geographical Preferences	Asia, Australia, Europe, New Zealand, North America
Preferred Deal Types	Buyout/LBO, Early-Stage VC, GP Stakes, Later Stage VC, PE Growth/Expansion, Seed Round
Other Investment Preferences	Invests in GP Stakes, Long-Term Investor, Prefers majority stake, Prefers minority stake, Will syndicate

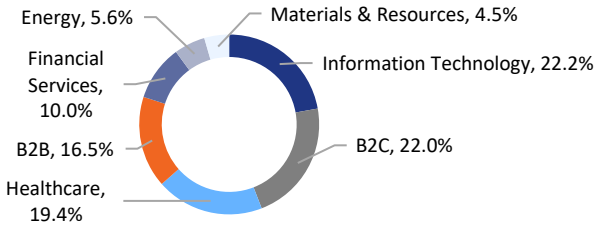
INVESTMENTS BY YEAR



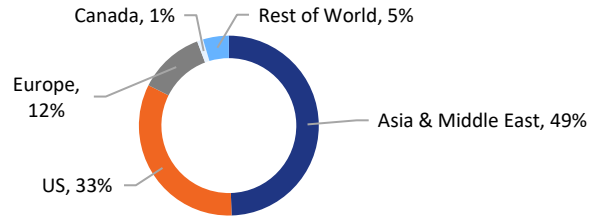
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
EvolutionX Debt Capital	2021	$500M	NA	An Asia focused fund targeting the finserv, healthcare, education & industrial development sectors
ABC World Asia	2019	$291.7M	$182.28M	The fund prefers ESG and impact investments in agriculture, cleantech, climate tech & agtech sectors
International Partnership Fund	2017	$445.6M	$162.02M	An agriculture sector focused fund targeting investments in Singapore

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

TEMASEK

60B Orchard Road, #06-18 Tower 2 The Atrium at Orchard Singapore, 238891
Tel: +65 6828 6828

Year Founded: 1974
www.temasek.com.sg

Key Investments

- In February 2022, SES AI Corp received $275 million of development capital from Applied Ventures, GM Ventures, Tianqi Lithium Industries, Hyundai Motor, Koch Strategic Platforms, Temasek Holdings and 10 other investors through a private placement. SES AI Corp is engaged in the development and initial production of high-performance Li-Metal rechargeable batteries for electric vehicles and other applications
- In January 2022, H2Pro, a developer of hydrogen production technology raised $75 million of Series B venture funding from ArcelorMittal, Temasek Holdings and Horizons Ventures. Eight other investors also participated in this round. The funds will be used to accelerate their hydrogen production research
- In November 2021, General Fusion, a developer of an alternative power generation system raised c. $132 million of Series E venture funding in a deal led by Temasek Holdings. Jameel Investment Management Company, Business Development Bank of Canada, Thistledown Capital, Norrsken VC, Presight Capital, Climate Capital, and 12 other investors also participated in the round. The funds will be allocated to technology development & research
- In October 2021, Sydrogen Energy was formed as a joint venture between Temasek Holdings and Nanofilm Technologies. With the deal, Temasek Holdings contributed an estimated S$120 million (S$50 million in cash and S$70 million in non-cash consideration) and holds 35% whereas Nanofilm Technologies contributed an estimated S$21 million and holds 65% of the venture. The proceeds are intended to be used for research and development and the construction of production lines for the hydrogen energy business
- In August 2021, Form Energy, a developer of sodium-based energy storage systems raised $240 million through a combination of debt and Series D venture funding in a deal led by ArcelorMittal. Capricorn Investment Group, Breakthrough Energy Ventures, Macquarie Asset Management, Kapor Capital, Temasek Holdings. Nine other investors also participated in the round. The funds will be used to accelerate its market entry
- In December 2020, Verily Life Sciences received $700 million of development capital from Silver Lake Management, Ontario Teachers' Pension Plan, Alphabet, Temasek Holdings and other undisclosed investors. The funds will be used to support the company's Health Platforms, which supports population health, clinical care delivery and chronic disease management through programs like Healthy at Work, Onduo and Coefficient
- In November 2019, Temasek Holdings and EQT formed O2 Power as a joint venture for $500 million. 02 Power develops, builds and executes utility scale renewable energy projects in India

Other Details

- Incorporated in 1974, Temasek is an investment company headquartered in Singapore. Supported by 13 offices internationally, Temasek owns a net portfolio value of $283 billion. Temasek's portfolio is made up of listed and unlisted investments, other assets and liabilities. Temasek has invested S$49 billion during 2021. It invests in financial services, telecommunications, media, technology, transportation, industrials, life sciences, consumer, real estate, energy and resources industries
- 406 Ventures, 3i Group, ABC World Asia, Accel, Adage Capital Management, ARCH Venture Partners, Baillie Gifford, Bain Capital, Bessemer Venture Partners, Calm Ventures, CAS Investment Management, Dayone Capital, EDBI, Fidelity International, Gaorong Capital, HBM Healthcare Investments, IDG Capital, J.P. Morgan, Kelso Private Equity, Lake Bleu Capital are some of the co-investors who invest alongside Temasek Holdings

Source: Pitchbook, Company Website, Press Release

TPG

301 Commerce Street, Suite 3300, Fort Worth, TX 76102, US
Tel: +1 (817) 871-4000

Year Founded: 1992
www.tpg.com

TPG is a private equity firm that prefers to invest in companies operating in the consumer, healthcare, business services, internet, digital media & communications, software, and enterprise technology sectors. The firm also makes impact and real estate investments

AUM: $114B | Dry Powder: $32.23B

Key Contacts

Jon Winkelried – Chief Executive Officer & Director

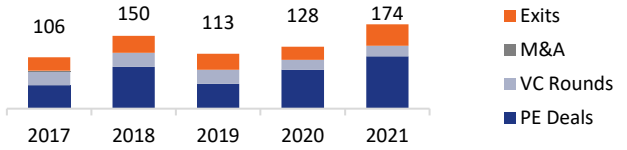
Jack Weingart – Chief Financial Officer & Director

Ken Murphy – Chief Operating Officer

INVESTMENT PREFERENCES

Preferred Industries	Apparel and Accessories, Capital Markets/Institutions, Chemicals and Gases, Commercial Banks, Commercial Products, Commercial Services, Consumer Non-Durables, Energy Production, Retail, Software, Transportation, IT Services, Media, Metals, etc.
Geographical Preferences	Asia, Europe, Middle East, North America, US
Preferred Deal Types	Buyout/LBO, GP Stakes, PE Growth/Expansion
Other Investment Preferences	Invests in GP Stakes, Prefers majority stake, Prefers minority stake, Seeks distressed investments, Seeks ESG investments, Seeks Impact investments, Will syndicate

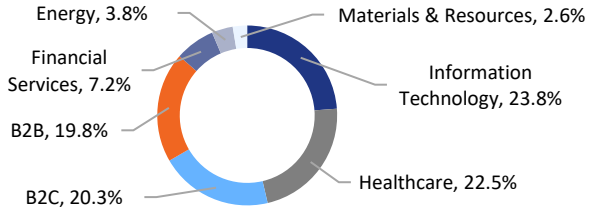
INVESTMENTS BY YEAR



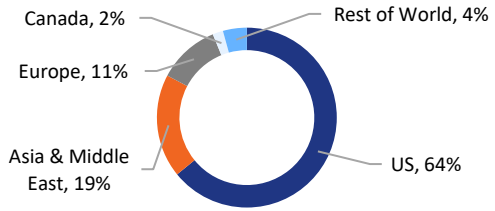
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
TPG Growth Fund V	2021	$3.56B	$2.21B	The fund targets investments in the healthcare sector in Asia
TPG Growth II Gator	2020	$675.9M	$543.6M	NA
The Rise Fund II	2019	$2.17B	$1.31B	The fund targets investments in the agriculture & food products, healthcare, energy and education sectors

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

TPG

301 Commerce Street, Suite 3300, Fort Worth, TX 76102, US
Tel: +1 (817) 871-4000

Year Founded: 1992
www.tpg.com

Key Investments

- In April 2022, Matrix Renewables, via its financial sponsor TPG, entered into a definitive agreement with Recurrent Energy to acquire 105MW solar plus 80MWh energy storage project for an undisclosed sum. The Gaskell West 2 and 3 projects are located in Kern County, California
- In February 2022, Roeslein & Associates and Smithfield Foods sold a stake in Monarch Bioenergy to TPG for an undisclosed amount. Monarch Bioenergy is a producer of renewable natural gas based in Saint Louis, Missouri
- In November 2021, Matrix Renewables acquired a portfolio of 91MW solar projects across Italy via its financial sponsor TPG for an undisclosed amount
- In August 2021, Form Energy, a developer of sodium-based energy storage systems raised $240 million through a combination of debt and Series D venture funding in a deal led by ArcelorMittal. Eni Next, Perry Creek Capital, TPG, Sleeping Bear Capital and 11 other investors participated in the round
- In June 2021, Alten Energías Renovables entered into a definitive agreement to sell its 300MW solar portfolio to Matrix Renewables, via its financial sponsor TPG, through an LBO
- In July 2020, Matrix Renewables, TPG Capital and The Rise Fund acquired 1GW of solar PV projects from Trina Solar for an undisclosed sum. The solar PV projects include late-stage development nearing ready-to-build status across Spain, Chile, Colombia and Mexico
- In December 2018, Greenko Group, via its financial sponsors Abu Dhabi Investment Authority, EIG Global Energy Partners, TPG Growth and GIC Private, acquired 385MW of wind assets from Skeiron Renewable Energy, through a $528 million LBO
- In June 2018, TPG Growth and The Rise Fund acquired CLEAResult, from General Atlantic. The financial terms of the transaction were not disclosed. CLEAResult is a provider of energy efficiency programs and services in North America
- In June 2018, The Rise Fund, a global impact investment fund managed by TPG Growth invested $70 million in Fourth Partner Energy. Fourth Partner Energy, based out of India, is a distributed energy management company with complete in-house capabilities across design, engineering, construction, service, monitoring and financing
- In April 2018, TPG acquired Wind River from Intel. The terms of the transaction were not disclosed. Wind River enables companies to develop, run and manage device software faster and more reliably at a lower cost

Other Details

- Founded in 1992, TPG is a global alternative asset manager with $114 billion in assets under management. TPG invests through its capital, growth, impact, real estate & market solution platforms. The firm focuses on consumer, healthcare, business services, internet, digital media & communications, software & enterprise technology sectors
- TPG's most recent open fund "TPG Real Estate Partner IV" was launched in January 2022 and has a size of $110 million. The fund is a real estate opportunistic fund
- Alloy Ventures, Alta Partners, Bain Capital, Baker Brothers Investments, Berkshire Partners, Caffeinated Capital, Canaan Partners, Cisco Investments, Desjardins Capital, EDBI, First Atlantic Capital, General Atlantic, Greylock Partners, HarbourVest Partners, ICONIQ Capital, JMI Equity, Khaira Capital, Lead Edge Capital, Xplorer Capital, Zesiger Capital Group are some of the co-investors who invest alongside TPG

Source: Pitchbook, Company Website, Press Release

VITRUVIAN PARTNERS

105 Wigmore Street London W1U 1QY England, UK
Tel: +44 (0)20 7518 2800

Year Founded: 2006
www.vitruvianpartners.com

Vitruvian Partners is a private equity investment firm founded in 2006 and is based in London, UK. The firm prefers to invest in companies operating in the business services, consumer services, financial services, life sciences, healthcare, media, technology, telecom, and internet sectors across Europe, the US, and China

AUM: $10.99B | Dry Powder: $5.41B

Key Contacts

James Sanderson – Partner and Chief Financial Officer

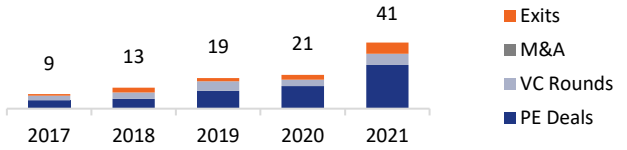
Sophie Bower-Straziota – Partner

Stephen Byrne – Partner

INVESTMENT PREFERENCES

Preferred Industries	Consumer Products and Services (B2C), Financial Services, Healthcare, Media and Information Services (B2B), Software
Geographical Preferences	China, Europe, US
Preferred Deal Types	Buyout/LBO, Management Buyout, PE Growth/Expansion, Public to Private, Recapitalization
Other Investment Preferences	Prefers majority stake, Prefers minority stake, Seeks ESG investments

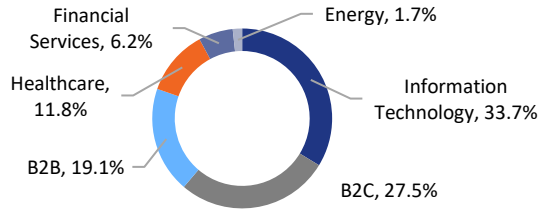
INVESTMENTS BY YEAR



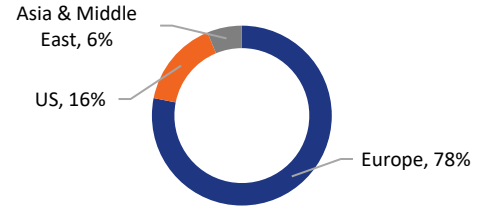
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Vitruvian Investment Partnership IV	2020	$4.57B	$4.51B	The fund targets investments in the commercial service, IT, healthcare & FinServ sectors
Vitruvian Investment Partnership I CF	2019	NA	NA	The fund has a target size of $1.06 billion and focuses on the financial, communication, automotive, medical sectors
Vitruvian Investment Partnership III	2017	$2.69B	$886.42M	The fund targets growth capital & management buyout deals between £25 & £150 million

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

VITRUVIAN PARTNERS

105 Wigmore Street London W1U 1QY England, UK
Tel: +44 (0)20 7518 2800

Year Founded: 2006
www.vitruvianpartners.com

Key Investments

- In April 2022, Forest Holidays, an operator of woodland holiday cabins was acquired by Sykes Holiday Cottages, via its financial sponsors Livingbridge, Vitruvian Partners and HarbourVest Partners, through an LBO for c.$394 million
- In January 2022, AnyVan, an operator of a logistics technology company received c.$168 million of development capital from Vitruvian Partners and other investors. The investment will help the company to accelerate growth and develop technology to disrupt the fragmented transportation markets in the UK and Europe
- In October 2021, Dental Monitoring, a developer of remote dental monitoring platform received $150 million of development capital from Vitruvian Partners and Mérieux Equity Partners. The funds will be used to strengthen its teams and continue its international expansion, in particular with a recruitment plan for 400 additional people
- In March 2021, Vestiaire Collective, a developer of a global resale marketplace platform raised €254.4 million of venture funding in a deal led by Kering and Tiger Global Management. Condé Nast, SoftBank Group, Vitruvian Partners, Eurazeo, Idinvest Partners, Luxury Tech Fund and other investors also participated in the round. The company intends to use the fund to accelerate its growth in the second-hand market and drive change for more sustainable fashion industry
- In July 2020, Friends Provident International was acquired by RL360 Insurance Company, via its financial sponsor Vitruvian Partners, through a £323.17 million LBO. Payment will comprise £209 million in cash receivables and a £50 million in deferred cash consideration. Friends Provident International provides financial security services intended to help their customers achieve their financial goals
- In April 2020, Azul Systems, a developer of Java runtime products was acquired by Vitruvian Partners and Lead Edge Capital through a $340 million LBO. The company also received debt financing in the form of senior debt of an undisclosed amount from Golub Capital and $9.5 million from Golub Capital BDC as a part of the transaction
- In July 2019, Boku, a carrier billing company received an undisclosed amount of development capital from Vitruvian Partners
- In April 2019, CPU Service, a polish IT company was acquired by TechnoGroup IT Service, via its financial sponsor Vitruvian Partners, through an LBO for an undisclosed sum
- In June 2018, Travel Counsellors, an operator of a travel agency was acquired by Vitruvian Partners through an estimated $259 million LBO. The transaction was supported by debt financing in the form of a loan from Marlborough Partners

Other Details

- Founded in 2006, Vitruvian Partners is a private equity firm that focuses on growth capital, buyout & alternative investments. The firm targets growth capital and management buyout deals, investing between €25 to €600 million in companies typically valued between €75 million to €4 billion+. Till date, Vitruvian Partners has made over 50 investments and currently holds c.$10 billion in assets under management. The firm employs over 140 professional and has offices in London, Munich, Stockholm, Luxembourg, San Francisco, Shanghai & Madrid
- Vitruvian Partners focuses on investments in Europe, with exposure in the US and China. The core sectors for investment include business services, consumer services, financial services, life sciences & healthcare, media, technology, telecoms & internet. Its most recent open fund is VIP SIV I which was launched in December 2021
- 83North, AlpInvest Partners, Balderton Capital, Channel 4 Ventures, Doctari Group, Eurazeo, Goldman Sachs Growth Equity, Harwood Private Equity, Ignition Partners, Livingbridge, Madison India Capital, Molten Ventures, Runa Capital, Schroders Capital, Tiger Global Management, Verdane, Z Holdings are some of the co-investors who invest alongside Vitruvian Partners

Source: Pitchbook, Company Website, Press Release

WARBURG PINCUS

450 Lexington Avenue, New York, NY 10017, US
Tel: +1 (212) 878-0600

Year Founded: 1966
www.warburgpincus.com

Warburg Pincus is a private equity firm founded in 1966 and is based in New York, US. The firm seeks to invest in energy, financial services, healthcare, consumer, energy, industrial and business services, real estate, technology, media, and telecommunication sector companies based in America, Europe, China, Southeast Asia, and India

AUM: $80B | Dry Powder: $9.75B

Key Contacts

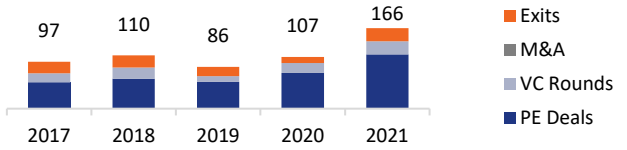
Saurabh Agarwal – Managing Director

Jonas Agesand – Managing Director

Greg Baecher – Managing Director

INVESTMENT PREFERENCES	
Preferred Industries	Buildings and Property, Capital Markets/Institutions, Commercial Banks, Communications and Networking, Consumer Durables, Energy Equipment, Energy Services, Exploration, Production and Refining
Geographical Preferences	Brazil, Canada, China, Europe, Hong Kong, India, Middle East, Southeast Asia, Taiwan, US
Preferred Deal Types	Buyout/LBO, Early-Stage VC, GP Stakes, Later Stage VC, PE Growth/Expansion, Seed Round
Other Investment Preferences	Invests in GP Stakes, Long-Term Investor, Prefers majority stake, Prefers minority stake, Seeks ESG investments etc.

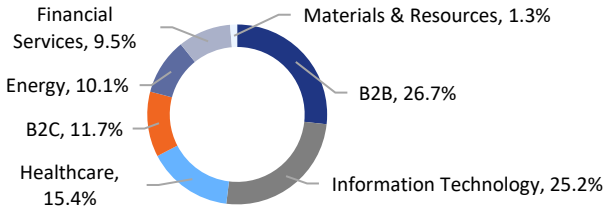
INVESTMENTS BY YEAR



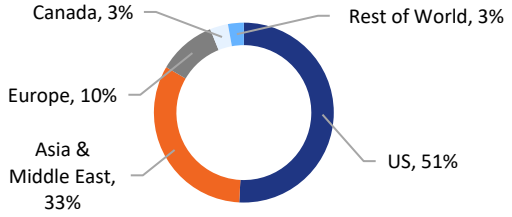
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
China-Southeast Asia II	2019	$4.5B	$3.17B	The fund preferably focuses on consumer products and services, healthcare, IT, financial services, technology, media
Warburg Pincus Global Growth	2018	$15B	$2.22B	The fund invests globally and across sectors and industries, specifically targeting energy, financial services, healthcare
WP Financial Sector	2017	$2.5B	$373.75M	The fund targets investments in the financial sector

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

WARBURG PINCUS

450 Lexington Avenue, New York, NY 10017, US
Tel: +1 (212) 878-0600

Year Founded: 1966
www.warburgpincus.com

Key Investments

- In April 2022, Eleanor Health, a provider of evidence-based outpatient care and addiction recovery services raised $78.6 million in Series C funding in a deal led by General Catalyst. Warburg Pincus, Town Hall Ventures, Northpond Ventures, Rethink Capital Partners & other undisclosed investors also participated in this round
- In March 2022, Scale Microgrid Solutions acquired a portfolio of 3 community solar projects via its financial sponsor Warburg Pincus, for an undisclosed amount. The projects have a total capacity of 14MW
- In October 2021, Citizen Energy acquired portfolio of production assets in Oklahoma via its financial sponsors Warburg Pincus and SFG Asset Advisors, through a $153 million LBO. The portfolio consists of about 8,000 barrels of oil equivalent per day of production (58% gas and 25% natural gas liquids), 97 operated wells, 400 non-operational wells and 28,000 net acres (94% held by production)
- In March 2020, Warburg Pincus agreed to lead an undisclosed initial investment in newly formed company, Delta Midstream. Delta would acquire midstream assets within both private and public ownership structures including natural gas, natural gas liquids, and crude oil operations
- In January 2020, Warburg Pincus provided equity commitment of about $300 million to distributed clean energy and microgrid company, Scale Microgrid Solutions(SMS). Established in 2016, SMS designs, builds, operates and finances on-site power systems for commercial and industrial (C&I) customers across the North America
- In July 2019, Warburg Pincus-backed firm Trident Energy signed a deal to acquire the Pampo and Enchova oil fields from Petrobras. Trident agreed to pay $851 million for the oil fields and potentially an additional $200 million in contractual earn-outs based on crude oil prices
- In July 2019, WildFire Energy I secured an equity line totaling more than $1 billion from management, funds affiliated with private equity fund Warburg Pincus and investment firm Kayne Private Energy Income Funds
- In July 2019, Ensign Natural Resources, a company funded through Warburg Pincus and the Kayne Private Energy Income Funds platform, acquired Eagle Ford assets from Pioneer for $475 million. The deal includes 59,000 net acres in Bee, DeWitt, Karnes, and Live Oak counties, Texas
- In October 2018, Kokopelli Project of DXI energy was aquired by Terra Energy Partners via its financial sponsors Warburg Pincus and Kayne Anderson Capital Advisors, through an undisclosed amount of leveraged buyout. Kokopelli is a gas and oil exploration project of 2,200 acres in Piceance Basin, Colorado
- In 2017, Warburg Pincus invested $109 million in Clean Max. Clean Max Enviro Energy Solutions is a rooftop solar developer with over 190MW rooftop solar operating capacity and over 330MW operating large-scale solar farms

Other Details

- Warburg Pincus LLC is focused on growth investing. The firm has more than $80 billion in private equity assets under management. The firm's active portfolio of more than 245 companies is highly diversified by stage, sector and geography. Warburg Pincus has raised 21 private equity funds, which have invested more than $100 billion in over 1,000 companies in more than 40 countries. The firm is headquartered in New York with 13 additional offices around the world. Its investment team comprises 250 investment professionals
- Warburg Pincus' open fund "Warburg Pincus Global Growth XIV" has a target size of $16 billion. If met, the fund will be the firm's largest fund to date, topping the $15 billion raised by the 2018-vintage fund XIII. The fund will invest in a broad spectrum of growth opportunities, from early growth platforms to later stage buyouts and special situations. The fund will focus on business services, energy, financial services, healthcare, industrials, real estate and technology sectors across North America, Europe and Asia
- 1901 Partners Management, 4D Global Energy Advisors, A.G. Hill Partners, Abu Dhabi Investment Authority, Accel, Access Technology Ventures, Advent International, Alibaba Group, Allianz Global Investors, Bertelsmann Asia Investments, Baring Private Equity Partners, Canaan Partners, Deutsche Beteiligungs, Endurance International Group, Goldman Sachs Asset Management, Visma Group, W Capital Partners, Zenith Energy Management, Zuoyu Capital are some of the co-investors who invest alongside Warburg Pincus

Source: Pitchbook, Company Website, Press Release

zouk

100 Brompton Road, London SW3 1ER, England,US
Tel: +44 (0)20 7947 3400

Year Founded: 1999
www.zouk.com

Zouk Capital a private equity firm founded in 1999 and is based in London, UK. Zouk's investment strategy focuses on the opportunities emerging at the intersection of infrastructure, technology and sustainability sectors

AUM: $1.1B | Dry Powder: $573.35M

Key Contacts

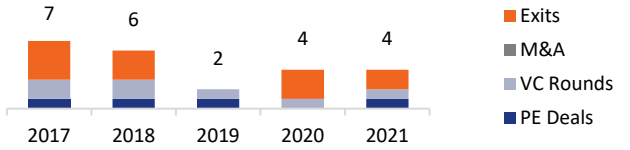
Samer Salty – Managing Partner

Colin Campbell – Partner

John Higelin – Partner

INVESTMENT PREFERENCES	
Preferred Industries	Commercial Products, Commercial Services, Commercial Transportation, Communications and Networking, Computer Hardware, Consumer Products and Services (B2C), Energy Equipment, Energy Services, Exploration, Production and Refining, Financial Services, Healthcare
Geographical Preferences	Europe, US
Preferred Deal Types	Later Stage VC, PE Growth/Expansion
Other Investment Preferences	Prefers majority stake, Seeks ESG investments, Seeks Impact investments

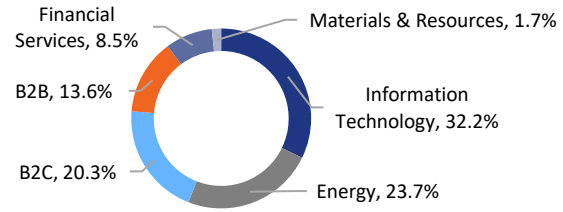
INVESTMENTS BY YEAR



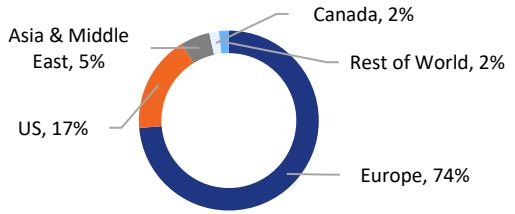
FUNDS CLOSED

FUND	VINTAGE	SIZE	DRY POWDER	DETAILS
Renewable Energy & Environmental Infra. Fund II	2013	$304.1M	$43.96M	The fund targets energy, TMT, waste management & infrastructure industries in Europe
Cleantech Europe II	2011	$330.2M	$6.12M	The fund targets renewable energy, energy efficiency, IT industries in US & Europe
Cleantech Fund I	2006	$104.5M	$12.71M	The fund invests in financial services, energy, B2B & B2C sectors in US & Europe

INVESTMENTS BY INDUSTRY



INVESTMENTS BY REGION



Source: Pitchbook

zouk

100 Brompton Road, London SW3 1ER, England,US
Tel: +44 (0)20 7947 3400

Year Founded: 1999
www.zouk.com

Key Investments

- In May 2020, Liberty Global & Zouk Capital formed Liberty Charge as a joint venture. Liberty Charge is a provider of vehicle charging facility
- In Oct 2019, Italy's Solar Ventures Srl teamed up with Zouk Capital to develop an initial 120MW portfolio of subsidy-free PV projects in Italy. The mid-development stage projects will be entirely financed by the two investors and won't rely on feed-in tariffs (FiTs) or other government incentive mechanisms. After the completion, the solar power plants will generate revenue by selling output under long-term PPAs
- In May 2019, Zouk Capital acquired 51% stake in Building Energy Ltd.'s subsidiary BE Power through a capital increase. This funding allowed BE Power to pursue its business strategy. BE Power operates as a virtual power plant technology through its 100% owned subsidiary 4Energia, which operates as an energy trader and provides demand response services
- In Sep 2018, EO Charging secured £13 million investment co-led by Zouk Capital to continue its growth. The investment from Zouk was initially used to grow EO Charging's team as well as for development of its product range. This helped fleet solution EO Genuis, which connects smart enabled chargers to the EO Hub which manages the host business and communicate with the wider energy system
- In Dec 2016, Basingstoke electric vehicle charging company InstaVolt was backed by a £12 million equity investment from Zouk Capital. InstaVolt provides rapid charging infrastructure for electric vehicles, planned to use the funding to achieve its target of introducing rapid charging points in more than 3,000 locations by 2020. The company is working with local authorities, businesses and landowners across the UK to install its charging points, which deliver a financial return for those who house them. These charging points can be utilised almost anywhere
- In Jan 2016, Taulia raised $46 million in Series E financing, led by Zouk Capital. This investment was used for rapid expansion. Taulia is a SaaS platform and network for supplier financing, e-invoicing and supplier portals. Some of the brands using Taulia's services include Coca-Cola, Consolidated, Pfizer, Pacific Gas & Electric, Hallmark, and others
- In Jan 2015, Taulia raised $15 million from Zouk Capital, bringing its total capital raised to $85 million. This company provides a platform that simplifies the process of tracking invoice and payments made to suppliers. In addition to automating the process, which in turn lowers costs for buyer, this platform also helps suppliers to get paid faster by offering short-term financing for approved invoices
- Zouk Capital made investment in Green Hedge Energy UK ltd. Green Hedge is a developer of utility scale battery storage projects in the UK. It also invested in Instavolt which is a provider of rapid charging infrastructure for electric vehicles

Other Details

- Zouk invests in commercially proven technology companies to accelerate growth, increase market share and create value. Its infrastructure investment funds finance the construction of new high-yielding assets, by acquiring, developing and funding late-stage renewable energy infrastructure projects. The firm's total assets under management stands at $1.1 billion. Zouk's investment team comprises 20 experienced professionals
- Zouk's open fund - Charging Infrastructure Investment Fund has a size of c.$511 million. The fund has 100% available dry powder and would invest in energy infrastructure projects in the UK
- 83North, American Express Ventures, Anchorage Capital Group, AMP Capital Investors, BankInvest Group, Creandum, Elliott Management, Greylock Partners, Index Ventures, J.P. Morgan, Masdar Capital, MissionPoint Partners, Novus Energy Partners, Rockwood Realisation, SEB Private Equity, Trinity Ventures, Vattenfall Europe Venture are some of the co-investors who invest alongside Zouk Capital

Source: Pitchbook, Company Website, Press Release

4. CleanBridge OVERVIEW

CLEANBRIDGE

CleanBridge Overview

CleanBridge provides high quality, independent strategic advisory, capital raising, and M&A services to businesses and their owners across the Americas and Europe

Introduction

- CleanBridge was founded to advise our clients in achieving their objectives for growth and value creation – through acquisition, investment and capital raising transactions
- Via CleanBridge Securities LLC, we are a member of FINRA/SIPC

Team

- Team of investment banking professionals with diversified backgrounds and extensive transaction experience in investment banking, capital raising, private equity, and corporate finance & operations
- Complemented by a prestigious group of highly experienced Senior Advisors

Leadership

- Directorial and executive leadership positions in the private and public sectors across the Americas and Europe, including with banks and leading financial institutions

Experience

- Deep operating and industry experience, including in power and renewable energy, EV transport, climate finance and sustainable living across Europe and the Americas

Focus

1. **M&A and strategic advisory transactions**, often private, complex or cross-border, across the Americas and Europe
2. **Debt and equity capital raising** for businesses, projects and highly differentiated fund managers.
3. **Sector expertise** in infrastructure, power and renewable energy. **$2.2 billion** in M&A advisory, project finance and equity capital raising across **25** transactions

Transactional Track Record

CleanBridge and members of the firm have completed over **300** M&A and capital raising transactions with c. **US$48 billion** in transaction value. CleanBridge through its affiliate CleanBridge Securities, has completed **80** transactions with **$4.4 billion** in transaction value.

$1.6 billion	$1.4 billion	$0.9 billion	$4.5 billion
M&A and strategic advisory across **40** transactions	Project finance, debt advisory and restructuring across **24** transactions	Mezzanine and equity capital raised across **10** transactions	Capital placement transactions across **15** fund transactions

Investment & Merchant Banking (Core Sectors)

We partner and guide industry-leading companies who have unique visions for building successful Sustainable Investment businesses within core infrastructure sectors of energy, water, and transport, alongside the climate finance, and sustainable living sectors

New Energy Infrastructure	▪ CleanBridge's focus on the onshore wind, solar PV, waste-to-energy, and energy storage covers the transition to a low carbon energy system. Across every market globally, climate change policy is being drawn down into government policy, asset owner and investor policy, and ultimately into power companies business strategy. We continue to operate at the central point of capital formation and investment into new energy across each of our core markets in Europe & Americas
Water Infrastructure	▪ Water desalination represents an increasingly important element in the world economy. Desalination plants will continue to become more efficient and membranes will be more fouling resistant. As well, solar powered desalination may provide massive change for the developing nations in providing both drinking water and water for irrigation and agriculture use ▪ Water infrastructure is a highly sought after investment for large infrastructure and strategic investors given its utility like nature and quality long term investment cash flows
Climate Finance	▪ Within the global economy, the commitment to a net-zero 2050 carbon environment is now set across all governments, investors, and sectors. With that commitment comes a material change in finance, and movement to climate based financings (both equity and debt) ▪ We advise governments, financial institutions, and investors on their transition towards financing and investing in a net-zero 2050 future
Sustainable Transportation	▪ The "third leg" of the low carbon economy is the electrification of transportation. Globally governments are applying a similar approach taken to the energy sector in regulating transportation towards being electrified – covering both public and private sector transportation ▪ The challenge and opportunity is a $Tn dollar opportunity over the next 25 years as all forms of transport move to electrification
Sustainable Living	▪ As part of transitioning to a low carbon, net-zero economy over the next 30 years, the world is moving to a more sustainable approach to living in that transition. From developing new agriculture technologies and techniques that will feed an estimated 8.5 billion people by 2030, to innovation in healthcare, fitness, nutrition, and vitality, people are looking to new sustainable ways of supporting a long and vital life ▪ We work to be at the heart of the sustainable living movement in advising and financing some of the best companies supporting the life transition that is underway in the world

Investment & Merchant Banking (Core Services)

CleanBridge is a leading specialist advisor on strategic advisory, capital advisory (equity and debt), mergers, acquisitions, and related strategic matters within sustainable investment markets. Our Strategic Advisory, Capital Advisory, and M&A practice is distinguished by senior banker involvement, deep industry sector expertise and global reach. We are regularly involved in large, complex and industry-defining transactions, often across national borders

Equity & Capital Advisory	▪ Our capital advisory services leverage our expertise on capital structure, capital formation and capital raising. Our professionals work closely to source and advice on corporate finance options, in helping tailor financing strategies to clients' unique situations, with an especially well established track record of finding innovative solutions for challenging market conditions ▪ We advise clients on a broad range of strategic and tactical issues, including capital structure optimization, capital allocation, equity and debt positioning and issuance ▪ We leverage our ecosystem of specialist investment counterparties including large asset owners, sponsors, corporates, and strategics in bringing best execution forward for our mandates
Debt Advisory	▪ Our team of senior bankers advises and negotiates on behalf of clients regarding alternatives for existing debt and the issuance of new debt. We also provide guidance on all aspects of the credit and non-recourse project finance process, including interactions with the ratings agencies, assembly of credit memos, financial modelling, and due diligence support ▪ We retain key relationships with over 20+ global non-recourse project finance banks in ensuring best execution on arranging non-recourse project finance for our clients and their projects ▪ Support project developers in structuring and arranging non recourse debt for their projects, and provide transaction support for greenfield, brownfield, acquisition financing and refinancing
M&A & Strategic Advisory	▪ We evaluate potential targets or merger partners as well as financial and strategic alternatives. We advise on strategy, timing, structure, financing, pricing, and we assist in negotiating and closing transactions. ▪ Complete suite of M&A advisory services including modelling and valuations, transaction services and due-diligence relating to acquisition or divestment of stakes in infrastructure projects
Private Capital Advisory	▪ Our group is a leader in raising capital, and providing capital solutions for private investment funds. Members of our team have been involved in over 50 private capital raising assignments, aggregating more than $20 billion. Our group has built one of the broadest institutional investor coverage networks in the industry and has cultivated relationships with over 150 investing institutions globally. Our practice is consistent with CleanBridge approach of delivering highly experienced, senior-level execution capabilities, with senior professionals managing all aspects of the capital raising process

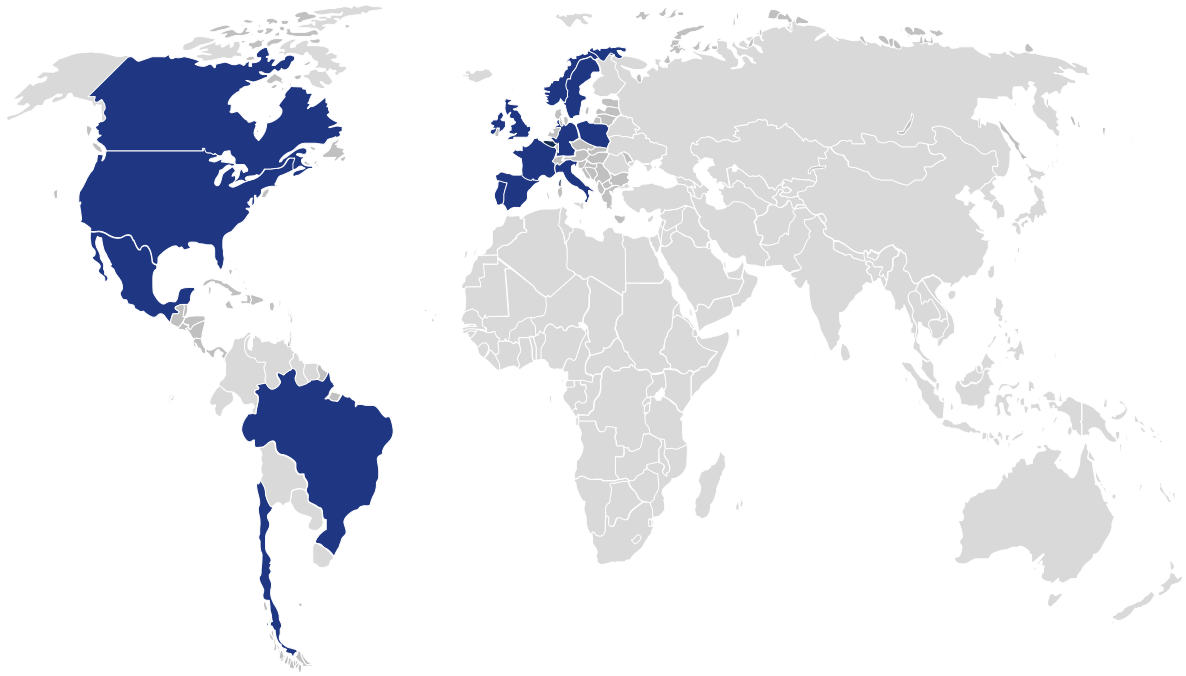
CleanBridge – Key Global Infrastructure Markets

Energy, water, sustainable transportation, climate finance, and sustainable living are global themes, within investment flows covering multiple world markets.

CleanBridge covers key European and Americas markets where its institutional investment clients are active.

The group's sector and product specialization, and "one team" platform with global P&L, global performance compensation pool, and global client and institutional investor coverage, ensures we bring the full resources of our group forward to clients across markets, including:

- Europe
- Americas



Contact us

CleanBridge Group LLLP, CleanBridge Securities LLC and CleanBridge Advisors (UK) Ltd

Miami office: 2601 South Bayshore Drive, Suite 1130, Miami, FL 33133, United States

London office: 50 Grosvenor Hill, London W1K 3QT, United Kingdom

Tel: +1 (305) 577 – 9799 • Fax: +1 (305) 577 – 9766

CleanBridge Securities LLC is a member of FINRA and SIPC

CleanBridge Advisors (UK) Ltd is authorized and regulated by the FCA