2018 PREQIN GLOBAL PRIVATE EQUITY & VENTURE CAPITAL REPORT

SAMPLE PAGES
**CONTENTS**

<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEO’s Foreword - Mark O’Hare</td>
<td>4</td>
</tr>
<tr>
<td>1: 2018 PREQIN GLOBAL PRIVATE EQUITY &amp; VENTURE CAPITAL REPORT</td>
<td>6</td>
</tr>
<tr>
<td>Keynote Address: Finding Opportunity in the Current Market - Johannes Huth, KKR</td>
<td>6</td>
</tr>
<tr>
<td>2: OVERVIEW OF THE PRIVATE EQUITY &amp; VENTURE CAPITAL INDUSTRY</td>
<td></td>
</tr>
<tr>
<td>Private Equity in Context</td>
<td>10</td>
</tr>
<tr>
<td>Private Equity: 2017 in Numbers</td>
<td>14</td>
</tr>
<tr>
<td>Private Equity in 2018 - Christopher Elvin, Preqin</td>
<td>15</td>
</tr>
<tr>
<td>Diversity as a Long-Term Strategy - Bronwyn Bailey, American Investment Council</td>
<td>16</td>
</tr>
<tr>
<td>The UK Policy Agenda in 2018 - Gurpreet Manku, BVCA</td>
<td>17</td>
</tr>
<tr>
<td>Beyond Alpha: Five Top LP Issues for 2018 - Jennifer Choi, ILPA</td>
<td>18</td>
</tr>
<tr>
<td>3: ASSETS UNDER MANAGEMENT AND DRY POWDER</td>
<td></td>
</tr>
<tr>
<td>Deployment Is Key - Moose Guen, MVision</td>
<td>20</td>
</tr>
<tr>
<td>Assets under Management and Dry Powder</td>
<td>22</td>
</tr>
<tr>
<td>4: FUNDRAISING</td>
<td></td>
</tr>
<tr>
<td>Moving from Strategic Thinking to Investment - Stanislas Cuny, Amundi</td>
<td>26</td>
</tr>
<tr>
<td>Longhold Funds - The Next Wave of Private Equity Innovation? - Michael Murphy, Credit Suisse Private Fund Group</td>
<td>28</td>
</tr>
<tr>
<td>Ample Room for Private Equity Investors in Turkey - Arda Ermut, Invest in Turkey</td>
<td>30</td>
</tr>
<tr>
<td>2017 Fundraising Market</td>
<td>31</td>
</tr>
<tr>
<td>Funds in Market</td>
<td>34</td>
</tr>
<tr>
<td>In Focus: Regional Fundraising</td>
<td>36</td>
</tr>
<tr>
<td>North American Fundraising</td>
<td>37</td>
</tr>
<tr>
<td>European Fundraising</td>
<td>38</td>
</tr>
<tr>
<td>Asian Fundraising</td>
<td>39</td>
</tr>
<tr>
<td>Rest of World Fundraising</td>
<td>40</td>
</tr>
<tr>
<td>5: FUND MANAGERS</td>
<td></td>
</tr>
<tr>
<td>Ready or Not: ESG Is Coming - Chris Ferguson, Preqin Solutions</td>
<td>42</td>
</tr>
<tr>
<td>Fund Manager Outlook for 2018</td>
<td>44</td>
</tr>
<tr>
<td>Fund Manager Views on Investor Appetite</td>
<td>46</td>
</tr>
<tr>
<td>First-Time Fund Managers</td>
<td>47</td>
</tr>
<tr>
<td>Largest Fund Managers</td>
<td>50</td>
</tr>
<tr>
<td>Compensation and Employment</td>
<td>52</td>
</tr>
<tr>
<td>6: ALTERNATIVE STRUCTURES</td>
<td></td>
</tr>
<tr>
<td>Alternative Structures</td>
<td>54</td>
</tr>
<tr>
<td>7: PERFORMANCE</td>
<td></td>
</tr>
<tr>
<td>Mitigating the Performance Impact of Subscription Credit Facilities - Oliver Gottschalg, PERACS</td>
<td>58</td>
</tr>
<tr>
<td>Performance Overview</td>
<td>61</td>
</tr>
<tr>
<td>PreEQin Private Equity Quarterly Index</td>
<td>63</td>
</tr>
<tr>
<td>Horizon Returns</td>
<td>64</td>
</tr>
<tr>
<td>Private Equity Returns for Public Pension Funds</td>
<td>65</td>
</tr>
<tr>
<td>Private Equity Performance Benchmarks</td>
<td>66</td>
</tr>
<tr>
<td>Consistent Performing Fund Managers</td>
<td>68</td>
</tr>
<tr>
<td>8: INVESTORS</td>
<td></td>
</tr>
<tr>
<td>Pre-Fundraising Checklist: Have You Outgrown Counsel? - Clay Deniger, Capstone Partners</td>
<td>72</td>
</tr>
<tr>
<td>Evolution of the Investor Universe</td>
<td>73</td>
</tr>
<tr>
<td>Investor Appetite for Private Equity in 2018</td>
<td>76</td>
</tr>
<tr>
<td>Sample Investors to Watch in 2018</td>
<td>79</td>
</tr>
</tbody>
</table>

**PREQIN’S PRIVATE EQUITY DATA**

Preqin’s private equity data has helped thousands of private equity professionals raise capital, identify investment opportunities, develop new business and form new partnerships. Constantly updated by a team of dedicated analysts, this comprehensive resource provides the most up-to-date information on all areas of private equity.

www.preqin.com/privateequity
How Investors Source and Select Funds 80
Largest Investors by Region 81
Largest Investors by Type 82

9: INVESTMENT CONSULTANTS 84
Investment Consultant Outlook for 2018

10: FUND TERMS AND CONDITIONS 88
Fund Terms and Conditions

11: BUYOUT 92
The New Imperatives for Deal Origination
- Hugo Parson & Frank Reynolds, EY
Buyout Fundraising 93
Buyout Fund Managers 94
Buyout Performance Benchmarks 95
Private Equity-Backed Buyout Deals 97
Deal Flow by Type, Value and Industry 99
Private Equity-Backed Buyout Exits 100
Industry Focus: Industrials 101
Industry Focus: Information Technology 102
Industry Focus: Consumer & Retail 103
Largest Buyout Deals and Exits 104

12: VENTURE CAPITAL 106
Venture Capital Fundraising
Venture Capital Fund Managers 107
Venture Capital Performance Benchmarks 108
Venture Capital Deals 110
Deal Flow by Stage and Industry 112
Venture Capital Exits 113
Industry Focus: Internet 114

13: GROWTH 115
Industry Focus: Software
Industry Focus: Telecoms 116
Largest Venture Capital Deals and Notable Exits 117

14: FUNDS OF FUNDS 120
Fund of Funds Fundraising
Fund of Funds Managers 122
Fund of Funds Performance Benchmarks 123

15: SECONDARY MARKET 124
Overview of the Secondary Market
Secondaries Fundraising 133
Secondary Fund of Funds Managers 134
Direct Secondaries 135
Intermediaries 136

16: SERVICE PROVIDERS 138
Placement Agents
Fund Administrators 141
Fund Auditors 142
Law Firms: Fund Formation 143
Law Firms: Transactions 144

DATA PACK FOR 1018 PREQIN GLOBAL PRIVATE EQUITY & VENTURE CAPITAL REPORT

The data behind all of the charts and infographics featured in this report is available to purchase in Excel format. Ready-made charts and graphs are also available, and can be used for marketing materials, presentations or company reports.

www.preqln.com/gper
KEYNOTE ADDRESS: FINDING OPPORTUNITY IN THE CURRENT MARKET
- Johannes Huth, KKR

Christopher Elvin: Let’s start with the market environment. What are your views?
Johannes Huth: In almost every meeting we have with investors today, we are asked where we think we are in the market cycle. How can we put money to work in an expensive environment, are we concerned by the overhang of dry powder in the industry, and so on.

In part, the high valuation environment is a reflection of the economic resurgence that has occurred, largely uninterrupted in the developed economies, since the Global Financial Crisis of 2008-2009. The question of high valuations with respect to private equity is perhaps particularly pertinent given the continued outperformance of the asset class relative to public equity, and this strong relative performance is driving more investors to increase their allocations to the asset class. At the same time, a highly favourable exit environment has been generating sizeable distributions, much of which we believe will be channelled back into successor funds. All told, the volume of unused commitments in the private equity industry has been estimated at ~$1tn today, 76% of which is held in 2015-2017 vintage funds.1

In addition to these increasing amounts of private equity capital available, loose monetary policy and an environment of “easy money” mean that we see increased engagement from strategic investors in Europe, including foreign buyers that often have a significantly lower cost of capital than our own. As a result, we find that the average purchase price multiple for deals in Europe has increased to an average of 9.7x recorded in 2008-2017, higher than the 7.9x recorded in 2008.2

The reality is there have been concerns over high purchase prices for at least the last three years, but to have held back from the market during this timeframe would undoubtedly have been a mistake - there have been some excellent deals executed during this period that have already demonstrated impressive results. The European private equity market is large, and is less well penetrated than it is in the US. To put this in context, European private equity investments in recent years have accounted for between 0.2% and 0.3% of total European GDP, as compared to over 1.0% in the US.3 We are not, therefore, deterred by the volume of dry powder, and regard buyers prepared to pay higher multiples as an opportunity, rather than a threat. Provided we can continue to find businesses where we can help optimize performance, we think we can deliver strong investment returns to our investors, regardless of the point in the market cycle.

CE: How do you view political risk in today’s investment environment, in particular the potential impact of Brexit?
JH: I think that in reality Europe is politically more stable now than at any point over the last decade. The one exception I would make to this observation is the UK’s decision to leave the European Union. The result of the Brexit referendum unleashed considerable volatility in the sterling exchange rate, and it is clear that the full consequences of this event are yet to play out. Consistent with this, our team of macro specialists are following the economic indicators of the UK very closely. Of particular note is the UK’s substantial current account deficit, which leaves it vulnerable to shocks, and is in contrast to the eurozone which has a substantial current account surplus. Additionally, the UK consumer appears to be in especially shaky territory: UK unsecured consumer credit has grown by an extraordinary 50% in the last five years, a rate which we believe is untenable over the longer or even medium term. While an outright recession in the UK is not our base case for now, it is worth remembering the extent to which periods of economic contraction in the UK have been both deep and prolonged, with GDP declining on average between 2% and 4% from peak to trough. Our assessment of the UK does not mean to say that we are not investing there, however we remain cautious. We favour UK companies with a large proportion of their revenue base coming from overseas, and where the investment thesis is about expansion globally. We seek to avoid domestically oriented businesses with significant exposure to the UK consumer. Our ultimate goal is to build diversified, pan-European portfolio, which will include exposure to the UK.

Outside the UK, the picture looks more robust, politically as well as economically. Looking back on the elections we have seen in 2017, radical political forces were marginalized in both the Netherlands and in France, and it is our view that Germany will continue to provide stability within the eurozone. We think that the economy is currently well positioned, and our macro team are forecasting GDP growth in the eurozone of 2.0% for 2018. Although ECB tapering is top of mind for many investors, we do not believe that this will derail Europe’s recovery. Indeed, even with the proposed tapering, we expect the ECB to add over a third of a trillion euros to its balance sheet in 2018. Together with other tailwinds, such as lower unemployment and a relatively weak euro supporting exports, we feel optimistic about the European economic outlook.

CE: You have spoken about market cycles – what did you learn from 2008/2009?
JH: We made a number of changes to our investment approach following the last market downturn. Firstly, the majority of deals we are doing in Europe today are different from the deals we were pursuing in the 2006-2007 period – these typically targeted higher levels of leverage and were often executed in consortia with other

---

1 Prequin
2 LCD News; Q3 2017 Review
financial sponsors. This sometimes comes as a surprise to people, but in contrast to our reputation for “mega-buyout” deals, our average equity cheque since 2009 has been €200m. Over the same period, our average entry leverage has been relatively conservative, at 3.3x net debt/EBITDA. That said, we can leverage our balance sheet and established co-investment program to enable us to review a very broad spectrum of opportunities, and will still consider large deals – like the recent carve-out of the spreads business from Unilever. However, our most typical deal today is in what we term the “upper mid-market”, or roughly between €500m and €2bn in enterprise value. We think this is an attractive area of the market given the wealth of deal flow we see, and because this size of business is often best positioned to benefit from the resources that we can bring as a partner.

Secondly, we deepened our local footprint in our core European markets and established local investment and portfolio management committees. We still have global representation on these committees in the form of KKR’s co-founders, Henry Kravis and George Roberts, and co-president, Joe Bae; however, the majority of both committees are members of our European teams. I believe this helps to ensure deeper accountability from the investment team, and means that our local expertise is genuinely shaping our investment decisions.

Beyond these enhancements to our investment approach and process, we have proactively developed significant resources that can help support our investment businesses. I have mentioned our macro team already, who bring a very important dimension to our understanding of each opportunity we consider. They provide a top-down perspective that helps identify investment themes and secular trends, and they assist with portfolio construction, where their work can help us avoid unintended overexposure to key macro risks. Additional capabilities include the incorporation of ESG criteria into our investment screening and management practices, an area in which we believe we have become thought leaders for the industry.

CE: How is KKR positioning itself for investment opportunities in Europe today?

JH: Our starting point is always asking: what can we bring to an investment beyond being simply providers of capital? We have an experienced private equity team in Europe, but KKR also has a wealth of resources globally that we believe make us better investors and more attractive partners to the businesses we invest in. For example, we have one of the largest private equity businesses in the US and Asia; we have a group of operating experts, KKR Capstone, with over 50 people worldwide; and we have a network of over 100 portfolio companies globally, with approximately $100bn in annual revenues, which can help our European companies gain access to new markets.

We think that the power of our firm-wide resources makes us an attractive partner to businesses, and we see this thesis being proved out in our deal track record. Over two-thirds of the portfolio companies we have invested in since 2009 have been partnership transactions, where a family owner, founding entrepreneur or corporate shareholder has rolled a significant portion of their stake in a business into a new partnership with us. We work together with our partners to implement value creation initiatives that impact top-line growth as well as EBITDA margin expansion, support accretive M&A, and utilize our global footprint to help internationalize local European businesses. Often, we find that we are selected as the partner of choice by the owners of a company on the basis of the toolkit that we can bring, even in instances where we are not offering the highest price.

CE: What do you believe the main challenges are for LPs looking to invest in 2018?

JH: Investors drafting their asset allocation plans for 2018 face difficult choices about where to find the best risk-adjusted returns for their capital. As a practitioner of private equity, I think that the continued outperformance of private equity relative to public equity makes as strong a case as any for allocations to the asset class. I think another important point is that consistent and disciplined deployment to funds across vintage is critical, given how notoriously difficult it is to time markets. One of the advantages of illiquid funds is that they are structured to invest across market cycles, in our case over investment periods of six years, so by committing to a given vintage investors should get some comfort from the fact that not all their capital is being put at risk on day one.

In my view, one of the greater potential challenges to investors in 2018 will actually be getting access to the right managers. We have seen record volumes of capital distributed to investors, the demand for re-ups has been high and target allocations are growing. Many limited partners are placing pressure on managers not to drastically increase the size of their funds, but at the same time we have also had the experience, in KKR’s most recent series of private equity fundraises globally, of having to cut back on investor allocations. As such, I believe that some growth of fund size – within reason – is appropriate, as this is a reflection of the continued (in our view sustainable) growth of the private equity industry as it continues to perform and evolve.

KKR

KKR is a leading global investment firm that manages multiple alternative asset classes, including private equity, energy, infrastructure, real estate, credit and, through its strategic manager partnerships, hedge funds. KKR aims to generate attractive investment returns by following a patient and disciplined investment approach, employing world-class people, and driving growth and value creation with KKR portfolio companies. KKR invests its own capital alongside its partners’ capital and provides financing solutions and investment opportunities through its capital markets business.

www.kkr.com
PRIVATE EQUITY: 2017 IN NUMBERS

**$453bn**
Aggregate capital raised by 921 private equity funds closed in 2017.

**95%**
of investors felt their private equity investments met or exceeded their expectations in 2017.

**$233bn**
Total capital distributed in H1 2017, following the record $520bn distributed in 2016.

**4,191**
Number of private equity-backed buyout deals completed in 2017, for an aggregate $347bn.

**$2.83tn**
Private equity assets under management as at June 2017, an all-time high.

**53%**
of investors plan to increase their allocation to private equity over the longer term, a record proportion.

**$182bn**
Aggregate value of 11,145 venture capital deals completed in 2017, an all-time high.

**88%**
of investors consider valuations to be the greatest challenge facing the private equity industry in the year ahead.
In my introduction to last year’s report I wrote “private equity is well positioned for another strong year in 2017,” and that “fundraising has rarely looked so appealing”. Hindsight is a wonderful thing: however, it is fair to say that 2017 surpassed my expectations, particularly in terms of fundraising and the continued growth of the industry. Total AUM for the asset class now stands at $2.83tn as at June 2017 (the latest data available), an increase of $248bn since the end of 2016.

UNPRECEDENTED PERIOD FOR FUNDRAISING

While many in the industry anticipated 2017 would be another strong year for private equity fundraising, I suspect few would have predicted that 2017 would witness the largest amount of capital ($453bn) raised in any year. Not only was a record amount of capital raised but the speed and success with which fund managers raised their capital was unparalleled: of the funds to reach a final close, 30% spent less than six months in market and 79% of funds met or exceeded their fundraising target. 2017 marked the fifth consecutive year in which private equity fundraising has surpassed $300bn; even in the build-up to the GFC, only three consecutive years (2006-2008) saw fundraising surpass $300bn, which illustrates the unprecedented period of private equity fundraising that we are in.

Despite the success that many fund managers are having, one of the clear, persisting trends within the industry is the growing concentration of capital among fewer funds. Although a record amount of capital was raised in 2017, 322 fewer funds reached a final close than in 2016, resulting in the average fund size increasing to $535m from $384m. In short, the gap between the haves and have nots is widening – first-time funds accounted for just 6% of capital secured by funds in 2017.

CONCERNS PERSIST OVER HIGH PRICES

Preqin’s survey results show that entry prices for assets have been at the forefront of investors’ and fund managers’ minds for the past three years. This concern has reached new highs though as we move into 2018, with the latest survey results showing that 88% of LPs and 62% of GPs perceive pricing, and the impact it may have on future returns, to be the biggest challenge facing the private equity industry in 2018.

Despite these concerns, strong fundraising and the resulting rise in dry powder levels meant that the number of private equity-backed buyout deals completed in 2017 remained on par with the past four years, with over 4,000 deals completed. Aggregate deal value increased slightly on 2016 to $347bn; however, this still represents a 19% fall from 2015 and less than half of the value seen back in 2007. Venture capital, however, saw fewer transactions completed in 2017 (11,145), but the value of transactions increased by 28% compared to 2016 to reach an all-time high of $182bn.

While high pricing is common to most asset classes today, many GPs remain confident in their ability to innovate and find value. LPs, however, appear to be more pessimistic: 34% of LPs expect current valuations to result in lower returns in the longer term.

ONGOING MARKET EVOLUTION

Given the illiquid and long-term nature of private equity, change within the asset class can sometimes appear somewhat slow paced; however, we are probably in a period when there has never been so much change.

We have seen GPs expand their offerings to include multi-product strategies, long-life funds and, more recently, using the secondary market to extend ownership of assets. Meanwhile, ESG and responsible investment practices have come to the fore and there is a real focus among fund managers to provide excellent returns to their investors by building best-practice businesses. LPs too are innovating and becoming increasingly sensitive around anything that impacts net performance, and are set to increase their use of alternative structures to access the asset class.

2017 witnessed further fines from the SEC to private equity firms for inaccurate disclosure of fees as well as new reporting guidelines from ILPA over the use of subscription credit lines by GPs. Demand for even greater transparency, particularly surrounding fees paid by LPs, is only going to continue. We are also in a period of extraordinary technological advancement which is having a significant impact on private equity firms, both in terms of the underlying portfolio companies that they are looking to invest in but also from an internal operations and reporting standpoint.

OUTLOOK FOR 2018

With dry powder levels now exceeding $1tn, bull market conditions and increased competition from direct investors, high entry prices for assets look set to continue for the foreseeable future.

The reality is that fund managers will have to continue to put capital to work irrespective of market conditions, and while exit activity has declined for three consecutive years, more than a third of fund managers expect exit activity to increase in the next 12 months; a further 50% expect exit activity to remain at the same level.

Despite concerns over the impact of high pricing on future returns, Preqin’s investor survey results show LPs remain satisfied with the returns their private equity portfolios are delivering and continue to have an avid appetite for the asset class. While H1 2017 data shows that net distributions are not at the levels seen between 2014 and 2016, they continue to exceed capital calls and increase LP liquidity. As a result, 2018 is likely to be another very strong fundraising year – a given if SoftBank Vision Fund reaches a final close!
In 2017, 921 private equity funds reached a final close, securing just over $453bn, the largest amount of capital ever raised in any year. This marks the second consecutive year in which annual fundraising has surpassed $400bn, a landmark that has only been achieved once previously in 2007/2008 (Fig. 4.1). Although 26% fewer funds closed in comparison to 2016, $39bn more capital was raised by private equity funds closed in 2017 and this figure will increase as more data becomes available. The private equity asset class accounted for 60% of all private capital raised in 2017, an increase from 57% of capital raised in 2016.

The positive net distributions that LPs have received since 2011 have driven the stellar fundraising activity seen in recent years (see page 24). The latest data shows that, while positive net distributions continue, momentum does appear to be slowing: LPs received $66bn in net distributions in H1 2017, compared to $149bn over the whole of 2016. Nonetheless, the results of Preqin’s interviews with investors in December 2017 show that 63% of LPs have a positive perception of private equity, and 53% plan to increase their allocation to private equity in the longer term (see pages 76-78). As a result, LP capital is likely to continue to flow back into the asset class as LPs strive to maintain their allocations.

QUARTERLY FUNDRAISING
The capital flow into private equity funds via interim and final closes each quarter can be seen in Fig. 4.2. To calculate this, the capital raised for each close that took place in each quarter is examined; only fresh capital is considered, which therefore excludes capital that has been raised via previous closes held in an earlier quarter.

CAPITAL CONCENTRATION
There were a number of high-profile mega fund (funds greater than $4.5bn) final closures in 2017, including Apollo Investment Fund IX on $24.7bn, the largest.
Fig. 7.15: All Private Equity: Median Net IRRs and Quartile Boundaries by Vintage Year (As at June 2017)

Fig. 7.16: All Private Equity: Median Net Multiples by Vintage Year (As at June 2017)
Prequin surveyed over 250 institutional investors in private equity in December 2017 to determine their satisfaction with the asset class, their key concerns and their plans for the year ahead. Although the majority (63%) of investors have a positive perception of private equity at present, this is a 21-percentage-point decrease from the results of December 2016’s survey (84%). This is perhaps unsurprising given that the survey results also showed that 37% of LPs feel portfolio companies are currently overpriced and a market correction is imminent or likely in the next 12 months.

**INVESTOR APPETITE FOR PRIVATE EQUITY IN 2018**

**INVESTOR EXPECTATIONS**

Despite this, the same proportion (95%) of LPs feel that their private equity investments have met or exceeded their expectations in 2017 as in 2016, with a two-percentage-point rise in the proportion with surpassed expectations (Fig. 8.10). Strong performance resulting in high distributions back to LPs has helped to sustain positive investor sentiment – when asked about the performance of their private equity investments over the past three years, over a third (38%) of investors stated that their expectations had been exceeded, and a further 57% reported that their expectations had been met. Investor sentiment with respect to venture capital is less optimistic: the proportion of LPs with a positive perception of the strategy has decreased from 41% in 2016’s survey to 34% in 2017, and the proportion of LPs with a negative perception has increased to 23% from 10% the previous year.

Furthermore, venture capital investments have fallen short of expectations according to 29% of those surveyed, although this is perhaps unsurprising given the higher risk profile of venture capital investments.

**Fig. 8.10: Extent to Which Investors Feel Their Private Equity Fund Investments Have Lived up to Expectations over the Past 12 Months, 2012 - 2017**

**Fig. 8.11: Investors’ Return Expectations for Their Private Equity Portfolios, 2012 - 2017**

**Fig. 8.12: Investor Views on the Key Issues for Private Equity in 2018**

**INVESTORS’ PERCEPTION OF PRIVATE EQUITY PERFORMANCE IN THE PAST THREE YEARS**

- Exceeded Expectations: 38%
- Met Expectations: 57%
- Fallen Short of Expectations: 5%
### Largest Buyout Deals and Exits

#### Fig. 11.38: Largest Private Equity-Backed Buyout Deals in 2017

<table>
<thead>
<tr>
<th>Portfolio Company</th>
<th>Investment Type</th>
<th>Deal Date</th>
<th>Deal Size (mn)</th>
<th>Deal Status</th>
<th>Investor(s)</th>
<th>Bought from/Exiting Company</th>
<th>Location</th>
<th>Industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toshiba Memory Corporation</td>
<td>Buyout</td>
<td>Sep-17</td>
<td>2,000,000 JPY</td>
<td>Announced</td>
<td>Apple Inc., Bain Capital*, Dell Inc., Hoya Corporation, Kingston Technology Company, Inc., Seagate Technology Holdings, SK Hynix, Toshiba Corporation</td>
<td>Toshiba Corporation</td>
<td>Japan</td>
<td>Electronics</td>
</tr>
<tr>
<td>Calpine Corporation</td>
<td>Public-to-Private</td>
<td>Aug-17</td>
<td>17,000 USD</td>
<td>Announced</td>
<td>Access Industries, CPP Investment Board, Energy Capital Partners*</td>
<td>-</td>
<td>US</td>
<td>Power</td>
</tr>
<tr>
<td>Unilever's margarine and spreads business</td>
<td>Buyout</td>
<td>Dec-17</td>
<td>6,825 EUR</td>
<td>Announced</td>
<td>KKR</td>
<td>Unilever</td>
<td>UK</td>
<td>Food</td>
</tr>
<tr>
<td>Staples, Inc.</td>
<td>Public-to-Private</td>
<td>Jun-17</td>
<td>6,900 USD</td>
<td>Completed</td>
<td>Sycamore Partners</td>
<td>-</td>
<td>US</td>
<td>Retail</td>
</tr>
<tr>
<td>Belle International Holdings Limited</td>
<td>Public-to-Private</td>
<td>Apr-17</td>
<td>53,100 HKD</td>
<td>Completed</td>
<td>CDH Investments, Hillhouse Capital Management</td>
<td>-</td>
<td>China</td>
<td>Retail</td>
</tr>
<tr>
<td>Stada Arzneimittel AG</td>
<td>PIPE</td>
<td>Aug-17</td>
<td>5,240 EUR</td>
<td>Completed</td>
<td>Bain Capital*, Cinven*, Partners Group</td>
<td>-</td>
<td>Germany</td>
<td>Pharmaceuticals</td>
</tr>
<tr>
<td>Nets Holding A/S</td>
<td>Public-to-Private</td>
<td>Sep-17</td>
<td>33,100 DKK</td>
<td>Announced</td>
<td>Advent International, Bain Capital, GIC, Hellman &amp; Friedman*</td>
<td>-</td>
<td>Denmark</td>
<td>Financial Services</td>
</tr>
<tr>
<td>West Corporation</td>
<td>Public-to-Private</td>
<td>May-17</td>
<td>5,100 USD</td>
<td>Completed</td>
<td>Apollo Global Management, Quadrangle Group, Thomas H Lee Partners</td>
<td>US</td>
<td>IT</td>
<td></td>
</tr>
<tr>
<td>PAREXEL International Corporation</td>
<td>Public-to-Private</td>
<td>Jun-17</td>
<td>5,000 USD</td>
<td>Completed</td>
<td>Pamplona Capital Management</td>
<td>-</td>
<td>US</td>
<td>Pharmaceuticals</td>
</tr>
</tbody>
</table>

*Indicates lead investor(s)/acquiror(s).

#### Fig. 11.39: Largest Private Equity-Backed Buyout Exits in 2017

<table>
<thead>
<tr>
<th>Portfolio Company</th>
<th>Investment Type</th>
<th>Deal Date</th>
<th>Deal Size (mn)</th>
<th>Exit Date</th>
<th>Exit Type</th>
<th>Exit Value (mn)</th>
<th>Acquiror (Exit)</th>
<th>Location</th>
<th>Industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lightower Fiber Networks, LLC.</td>
<td>Merger</td>
<td>Dec-12</td>
<td>2,000 USD</td>
<td>Jul-17</td>
<td>Trade Sale</td>
<td>7,100 USD</td>
<td>Crown Castle International Corporation</td>
<td>US</td>
<td>Telecoms</td>
</tr>
<tr>
<td>Ista International GmbH</td>
<td>Buyout</td>
<td>Apr-13</td>
<td>3,100 EUR</td>
<td>Jul-17</td>
<td>Trade Sale</td>
<td>4,500 EUR</td>
<td>Cheung Kong Property Holdings Limited, CK Infrastructure Holdings</td>
<td>Germany</td>
<td>Energy</td>
</tr>
<tr>
<td>West Corporation</td>
<td>Public-to-Private</td>
<td>May-06</td>
<td>4,100 USD</td>
<td>May-17</td>
<td>Sale to GP</td>
<td>5,100 USD</td>
<td>Apollo Global Management</td>
<td>US</td>
<td>IT</td>
</tr>
<tr>
<td>VWR International</td>
<td>Buyout</td>
<td>May-07</td>
<td>3,500 USD</td>
<td>May-17</td>
<td>Trade Sale</td>
<td>4,380 USD</td>
<td>Avantor Performance Materials, Inc.</td>
<td>US</td>
<td>Medical Instruments</td>
</tr>
<tr>
<td>USI Holdings Corporation</td>
<td>Buyout</td>
<td>Nov-12</td>
<td>2,300 USD</td>
<td>Mar-17</td>
<td>Sale to GP</td>
<td>4,300 USD</td>
<td>CDPQ, KKR</td>
<td>US</td>
<td>Insurance</td>
</tr>
</tbody>
</table>

Source: Preqin Private Equity Online
In 2017, 11,145 venture capital deals were completed globally for an aggregate value of $182bn, representing both a four-year low in the number of deals completed and a record high for aggregate annual deal value (Fig. 12.15).

2017 in Context
2017 saw 7% fewer deals than in 2016, which followed an 8% decline in the number of venture capital deal financings between 2015 and 2016. However, in 2017 aggregate deal value was 28% higher than in 2016, reaching the highest level on record. The rise in value was driven by a high number of $1bn+ transactions, as well as larger late-stage funding rounds. Higher valuations have seen the average deal size grow 120% in the past decade ($10mn in 2007 vs. $22mn in 2017).

Prior to 2016, deal activity had been on the rise for six consecutive years; 2015 was a record year for deals, with 13,019 venture capital financings completed. The trend of fewer but higher valued deals that started in 2016 continued in 2017.

Regional Shifts
Regionally, venture capital deal flow has remained generally consistent from 2016. As shown in Figs. 12.16-12.19, there is continued movement away from North American markets, shifting towards European markets and emerging opportunities in Greater China:

- With 4,303 financings, deal flow in North America reached its lowest level since 2010, and the region's 2017 market share (39%) was substantially lower than its 58% historical average (2007-2016).
- Greater China saw an increase in the number of deals in 2017 (2,633 vs. 2,547 in 2016), and its share of the market has also increased for the fifth consecutive year to 24%, well above the 11% average in 2007-2016.
- European deal activity in 2017 was at its lowest level since 2012, although its 19% share of the market is only one percentage point short of its historical average in 2007-2016.
- India saw the most variation in deal activity in 2017 of all regions: there were 23% fewer venture capital financings, but aggregate deal value has more than doubled versus the previous year ($10.4bn vs. $4.5bn).
2018 PREQIN GLOBAL ALTERNATIVES REPORTS

The 2018 Preqin Global Alternatives Reports are the most detailed and comprehensive reviews of the alternative assets industry available, offering exclusive insight into the latest developments in the private equity, hedge fund, real estate, infrastructure, private debt and natural resources asset classes.

- Access in-depth analysis and comprehensive statistics, helping you to understand the latest trends in fundraising, performance, investors, deals, fund managers, secondaries, fund terms, placement agents, consultants, law firms and much more.
- View historical data alongside the most important industry developments. Read contributions from some of the industry’s leading figures.
- Improve your presentations, marketing materials and company reports.
- Discover the most important players in every area of the industry.
- Answer key questions: Who is investing? How much has been raised? Where are the centres of activity? Where is the capital going? What are the biggest deals? What is the outlook for the industry?

For more information visit: www.preqin.com/reports

I would like to purchase:

**PRINT**

<table>
<thead>
<tr>
<th>Name</th>
<th>First Copy</th>
<th>Each Additional Copy</th>
<th>Quantity</th>
<th>Data Pack*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Equity &amp; Venture Capital</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>Hedge Funds</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>Real Estate</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>Private Debt</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>Natural Resources</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>All Six Titles (25% Saving!)</td>
<td>$785/£560/€675</td>
<td>$395/£280/€340</td>
<td></td>
<td>$1,350/£965/€1,160</td>
</tr>
</tbody>
</table>

Shipping Costs: $40/£10/€12 for single publication $20/£5/€12 for additional copies

**DIGITAL**

<table>
<thead>
<tr>
<th>Name</th>
<th>Single-User Licence</th>
<th>Each Additional Copy</th>
<th>Quantity</th>
<th>Enterprise Licence**</th>
<th>Data Pack*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Equity &amp; Venture Capital</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$1,000/£715/€860</td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>Hedge Funds</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$1,000/£715/€860</td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>Real Estate</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$1,000/£715/€860</td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$1,000/£715/€860</td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>Private Debt</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$1,000/£715/€860</td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>Natural Resources</td>
<td>$175/£125/€150</td>
<td>$90/£65/€75</td>
<td></td>
<td>$1,000/£715/€860</td>
<td>$300/£215/€260</td>
</tr>
<tr>
<td>All Six Titles (25% Saving!)</td>
<td>$785/£560/€675</td>
<td>$395/£280/€340</td>
<td></td>
<td>$4,500/£3,215/€3,860</td>
<td>$1,350/£965/€1,160</td>
</tr>
</tbody>
</table>

*Data packs feature all the chart and league table data in an Excel file. Must be purchased alongside the associated report.

**SHIPPIING DETAILS:**

Name: ___________________________ Telephone: _______________________
Firm: __________________________ Email: _____________________________
Job Title: ______________________ State: _____________________________
Address: ______________________ Post/Zip: __________________________

Shipping Costs: $40/£10/€12 for single publication $20/£5/€12 for additional copies

**PAYMENT DETAILS:**

☑ Cheque enclosed (cheque payable to ‘Preqin’)
☐ Charge my: ☐ Visa ☐ Mastercard ☐ Amex

Please invoice me ☐

Currency: ☐ USD ☐ GBP ☐ EUR ☐
Card Number: __________________________
Name on Card: _______________________
Expiration Date: _____________________
Security Code: _______________________

*Please note all prices quoted throughout are exclusive of sales taxes.

For more information visit: www.preqin.com/reports

Complimentary copies of the reports are available for leading figures in the industry: Who is investing? How much has been raised? Where are the centres of activity? Where is the capital going? What are the biggest deals? What is the outlook for the industry?

The reports present detailed insights into the private equity, hedge fund, real estate, infrastructure, private debt and natural resources asset classes. With unparalleled data and analysis, the reports are the go-to resource for industry professionals worldwide.

**DIGITAL**

The Digital edition of the reports offers the same comprehensive insights as the print edition, with additional features:

- Access to all charts and league tables in Excel files
- Easy navigation through the reports
- Ability to search and filter data
- Enhanced analytical tools and features

**SHIPPING DETAILS:**

Name: ___________________________ Telephone: _______________________
Firm: __________________________ Email: _____________________________
Job Title: ______________________ State: _____________________________
Address: ______________________ Post/Zip: __________________________

**IMPRESSIVE FEATURES:**

- Historical data alongside the most important industry developments
- Improved presentations, marketing materials and company reports
- Discover the most important players in every area of the industry
- Answer key questions: Who is investing? How much has been raised? Where are the centres of activity? Where is the capital going? What are the biggest deals? What is the outlook for the industry?

**COMMERCIAL ADVANTAGE:**

- Access to comprehensive data and analysis
- Insights into the latest trends in the industry
- Superior understanding of the market
- Competitive advantage over competitors

**COMPLETED ORDER FORMS**

**NEW YORK**
One Grand Central Place
60 E 42nd Street
Suite 630
New York
NY 10165
Tel: +1 212 350 0100
Fax: +1 440 445 9595

**LONDON**
3rd Floor
Vintners’ Place
68 Upper Thames Street
London
EC4V 3BJ
Tel: +44 (0)20 3207 0200
Fax: +44 (0)870 330 5892

**SINGAPORE**
One Finlayson Green
#11-02
Singapore
049246
Tel: +65 6305 2200
Fax: +65 6491 2240

**SAN FRANCISCO**
One Embarcadero Center
Suite 2850
San Francisco
CA 94111
Tel: +1 415 316 0580
Fax: +1 440 445 9595

**HONG KONG**
Level 9, Central Building
1-3 Pedder Street
Central, Hong Kong
Tel: +852 3892 0200