# THE CARLYLE GROUP

GLOBAL ALTERNATIVE ASSET MANAGEMENT

# The Carlyle Group Unitholder Presentation

December 2018

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This presentation includes comparisons of certain private equity indices to various indexes including certain MSCI indexes (MSCI) and the S&P 500 and other indexes. The private equity indices do not represent the performance of any Fund or family of Funds. Recipients should not infer that any Fund is top quartile. There are significant differences between the types of securities and assets typically acquired by U.S. and global buyout funds, the investments covered by the MSCI, S&P 500 and other indexes. Specifically, U,S. and global buyout funds typically make investments in securities and other assets that have a greater degree of risk and volatility, and less liquidity, than those securities included in these indexes and companies included in the indexes are not subject to certain of the management fees, carried interest or expenses to which investors in U.S. and global buyout funds are typically subject. Comparisons between private equity funds, Carlyle sponsored funds, the MSCI, S&P 500 and other indexes are included for informational purposes only. The private equity returns do not represent the performance of any Fund or family of Funds. Recipients should not infer that any Fund is top quartile.

Detailed information about Carlyle's management fees and performance revenues is available in Carlyle's public filings. Please note that certain metrics and projections contained in this Presentation include the Legacy Energy Funds and funds advised by NGP Energy Capital Management. Please note that the Legacy Energy Funds (as defined in Carlyle's public filings), are managed with Riverstone Holdings LLC and its affiliates. Affiliates of both Carlyle and Riverstone act as investment advisers to each of the Legacy Energy Funds. Currently, Carlyle is only entitled to carried interest and management fees in certain funds advised by NGP Energy Capital Management. The NGP Energy Capital Management funds which solely earn management fees are referred to herein as "NGP management fee funds."

For purposes of the non-financial operating and statistical data included in this presentation, including the aggregation of our non-U.S. dollar denominated investment funds, foreign currencies have been converted to U.S. dollars at the spot rate as of the last trading day of the reporting period when presenting period end balances, and the average rate for the period has been utilized when presenting activity during such period. With respect to capital commitments raised in foreign currencies, the conversion to U.S. dollars is based on the exchange rate as of the date of closing of such capital commitment.

This presentation includes certain Non-GAAP financial measures, including Economic Income ("EI"), Distributable Earnings ("DE") and Distributable EBITDA. These Non-GAAP financial measures should be considered only as supplemental to, and not as superior to, financial measures prepared in accordance with GAAP. Please refer to the Appendix of this presentation for a reconciliation of the non-GAAP financial measures included in this presentation to the most directly comparable financial measured prepared in accordance with GAAP. Please see Carlyle's public filings for the definition of "carry funds," "Fee-earning assets under management" or "Fee-earning AUM," (FEAUM), and "Assets under management" or "AUM."

# Carlyle Is A Global Leader In Private Investing

# THE CARLYLE GROUP

Total AUM: \$212 bn Available Capital: \$81 bn

Corporate
Private Equity
(CPE)

Real Assets<sup>1</sup> (RA) Global Credit (GC) Investment Solutions (IS)

\$82

\$46

\$37

\$47

- Buyout
- Growth

- Real Estate
- Energy
- Power
- Infrastructure

- Structured Credit
- Direct Lending
- Energy Credit
- Distressed Credit
- Opportunistic Credit

- Private Equity and Real Estate
- ✓ Funds
- ✓ Secondaries
- ✓ Co-investments

#### Core Business Metrics Robust & Diversified

### **Carry Fund Appreciation**

(LTM)

**17%** 

СРЕ	RA	GC	IS
16%	17%	10%	20%

#### **Invested Capital**

(LTM)

**\$18.0** billion

СРЕ	RA	GC	IS
\$7.0	\$5.2	\$1.5	\$4.3

#### **Net Accrued Performance Revenue**

(as of 9/30/2018)

\$1.9 billion

СРЕ	RA	GC	IS
\$1.2bn	\$570m	\$34m	\$93m

#### **Realized Proceeds**

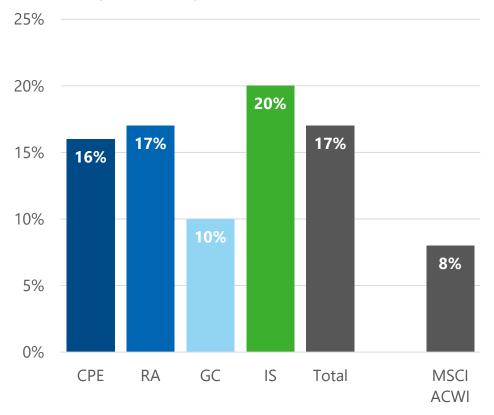
(LTM)

\$27.1 billion

СРЕ	RA	GC	IS
\$10.5	\$5.6	\$0.9	\$10.1

## **Exceptional Investment Performance Is Our Primary Goal**

# LTM Carry Fund Appreciation vs Major Equity Index Performance <sup>1</sup>

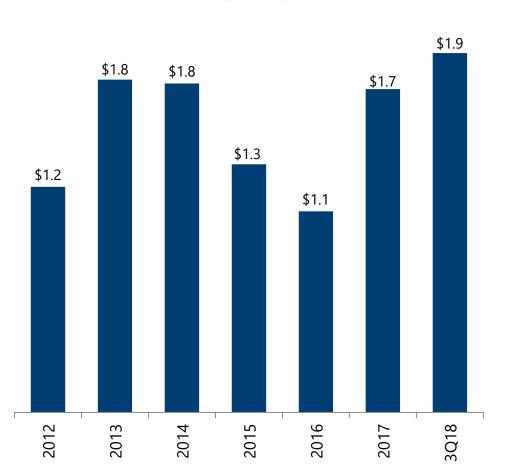


- Carry Fund Appreciation outpaced the MSCI ACWI by ~900 basis points over the LTM
- Realized/Partially Realized CPE investments generated a 2.5x MOIC & 27% Gross IRR since inception
- 69% of Remaining Fair Value in CPE/RA/GC carry funds accruing performance revenue as of 9/30/18
- TCG BDC dividend yield of 9.1% on NAV<sup>2</sup>
- Exceptional CLO performance with default rates of 0.7%/1.6% for US/EU CLOs <sup>3</sup>

Note: Data as of 9/30/2018. See The Carlyle Group L.P.'s filings with the U.S. Securities and Exchange Commission for more information on fund performance. 1) Appreciation/(Depreciation) represents unrealized gain/(loss) for the period on a total return basis before fees and expenses. The percentage of return is calculated as: ending remaining investment fair market value plus net investment outflow (sales proceeds minus net purchases) minus beginning remaining investment fair market value divided by beginning remaining investment fair market value. Fund only, does not include co-investment. The MSCI ACWI – All Cap Index represents the performance of the MSCI All Country World Index across all market capitalization sizes of the global equity market. Please see the "Important Information" slide for more information related to comparisons with indices. 2) Reflects latest annualized dividend for BDC 1 divided by 3Q18 reported NAV. 3) Inception to date default rate for U.S. (since 1999) and Europe CLOs (since 2005).

# Accrued Carry Growing And Transitioning Towards Current Generation Funds

Net Accrued Performance Revenue Balance (\$ billions)



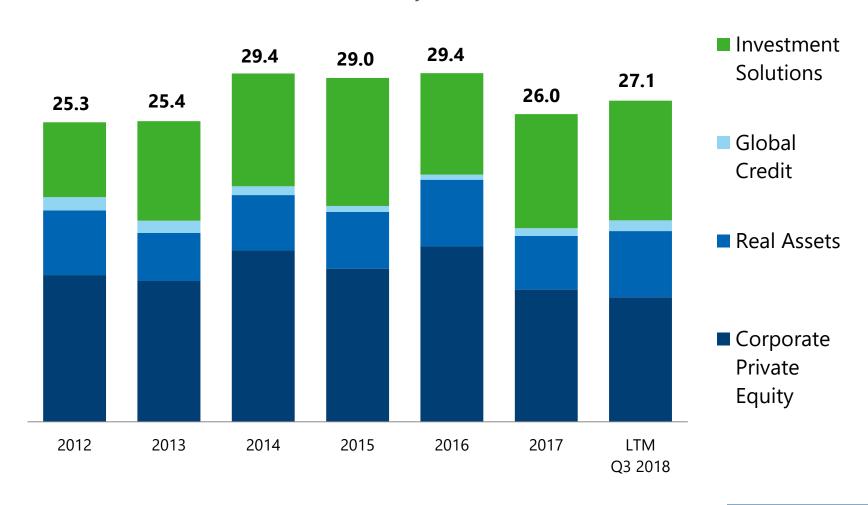
Current Generation<sup>1</sup> funds account for more than 60% of the \$1.9 billion Net **Accrued Performance** Revenue Balance as of September 30, compared to 0% of the balance at year end 2015

Note: Data as of 9/30/2018. There is no guarantee these trends will continue.

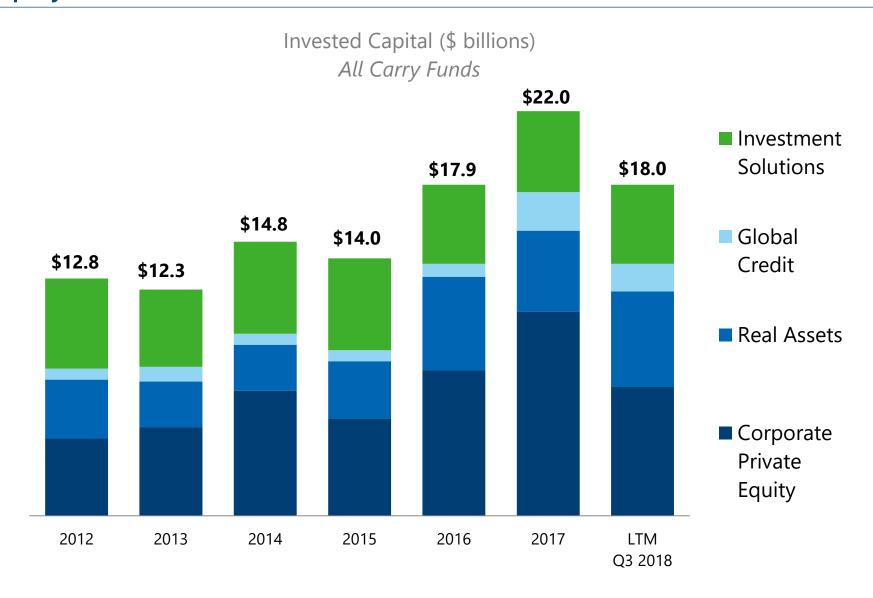
<sup>1)</sup> Current Generation of funds includes: CP VI, CEP IV, CAP IV, CJP III, CGFSP II, CEOF II, CETP III, CGP, CRP VII, NGP XI, CIEP, CPP II, CSP IV, CEMOF II.

# Consistent Realized Proceeds Provide a Steady Engine for Net Realized Performance Revenues

# Realized Proceeds (\$billions) All Carry Funds



### Deployment Has Increased As Our Investment Platform Has Grown



# Focused On Improving Fee Related Earnings

### We Are Focused On Improving Fee Related Earnings

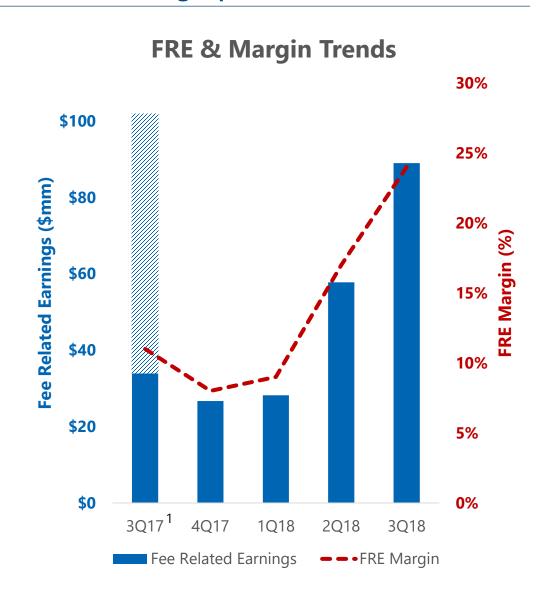
- Quarterly Fee Related Earnings growth accelerated in 2018 as fees activated on our recently raised large flagship funds
- Fund scaling has allowed us to leverage our expense base and drive higher Fee Related Earnings and FRE margins
- Diversifying investment platform and earnings capacity with our Global Credit build out and strategic acquisitions such as Fortitude and Apollo Aviation Group<sup>1</sup>
- Strong LP demand and fund performance has allowed us to maintain net fee economics
- Raised \$83 billion of our \$100 billion four year target, and remain confident we will reach or exceed by the end of next year
- Substantially all of our Fee-Earning AUM base is comprised of long term, locked up capital that should provide stability over the fund cycle

### Fee Related Earnings and Margins Are Trending Up

Fee Related Earnings growth accelerated over the last few quarters as we activated fees on our largest buyout funds

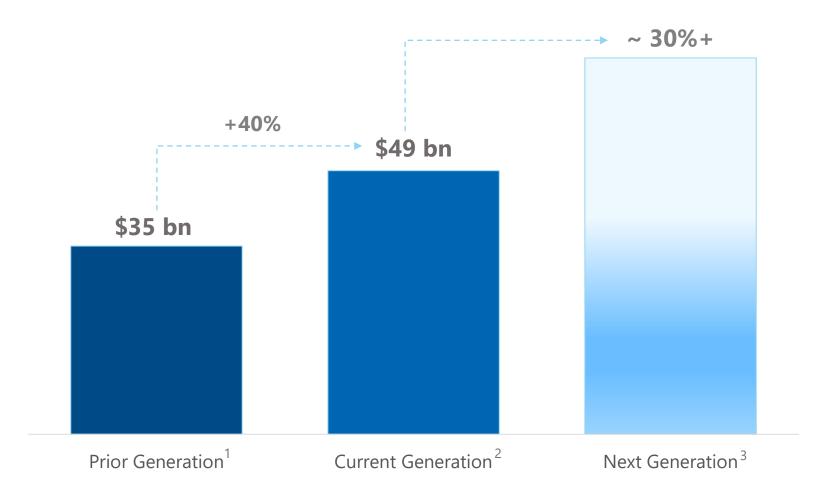
FRE of \$89 million in Q3 2018 compared to a runrate of \$34 million<sup>1</sup> one year prior

**FRE margin** reached **24%** in Q3 2018, up from **11%** one year prior



### FRE Growth Supported By A Growing Carry Fund Investment Platform

Fund Commitments for Major CPE/RA/GC Carry Funds



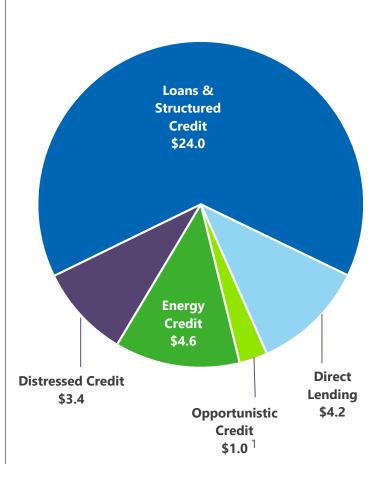
Note: Data as of 9/30/2018. Reflects Management's views as of 11/29/2018. Please see "Important Information" slides for information about the use of and reliance on projections.

- 1) Prior Generation of funds includes direct predecessors to Current Generation where applicable.
- ) Current Generation of funds includes: CP VI, CEP IV, CAP IV, CJP III, CGFSP II, CEOF II, CETP III, CGP, CRP VII, NGP XI, CIEP, CPP II, CSP IV, CEMOF II.
- Next Generation of funds includes follow on funds for Current Generation as well as new fund families and new product initiatives. There is no assurance these trends will continue or that we will be able to raise the capital required to achieve these targets.

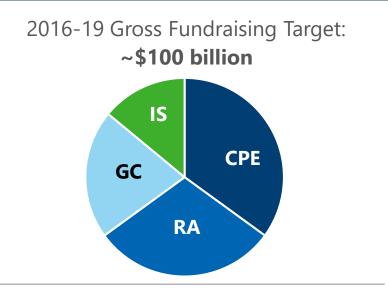
### Continuing Momentum and Scale in Global Credit

- ➤ Global Credit has~\$240 million in annual run-rate management fees, up 27% YoY
- Continue to build out capabilities to manage larger amounts of capital
  - Fortitude relationship is expected to help Global Credit develop incremental scale
- ➤ Launch/acquire new funds & products
  - Opportunistic Credit
  - New Direct Lending funds and vehicles
  - Managed Accounts
  - Aviation Investment & Servicing (expected Q1 2019)
- Leverage functional platform to scale broadening investment capabilities

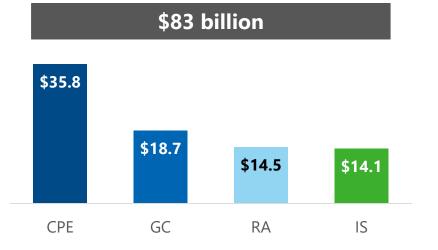




## On Track To Exceed Our Fundraising Target of \$100 Billion By YE 2019

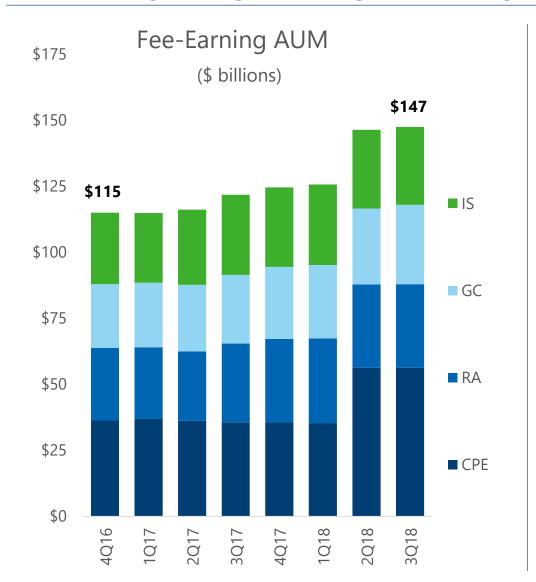


Gross Fundraising Since Q1 2016



- ✓ Raised \$83 billion towards goal from 2016 to Q3 2018
- ✓ Strong partnerships with more than 1,925 global investors from 90 countries
- ✓ Expect to raise ~\$30 billion in 2018 (\$26 billion raised 2018 YTD through 9/30/2018)
- ✓ Nearly \$51 billion raised LTM

## **Fundraising Strength Driving Fee Earning AUM Higher**



Substantially all (99%) of current Fee Earning AUM locked up in long term fund structures and not subject to quarterly redemption

\$11 billion in Pending Fee-Earning AUM will activate fees upon fund initiation or capital deployment <sup>1</sup>

Note: Data as of 9/30/2018.

<sup>1)</sup> Pending Fee-Earning AUM of \$11.4 billion as of 9/30/2018 includes approximately \$5.6 billion in CPE fund commitments that will activate as new funds turn on fees. The remaining amount will generally become fee-earning as the commitments are invested.

# Carlyle Is Delivering Attractive Financial Performance

# **Carlyle Is Delivering Attractive Financial Performance**

(\$mm or \$per unit)	2016	2017	YTD 2018	3Q18
Management Fee Revenue	\$1,086	\$1,081	\$971	\$355
Fee Related Earnings <sup>1</sup>	\$33	\$192	\$175	\$89
Economic Income <sup>1</sup>	\$306	\$1,269	\$552	\$111
Distributable Earnings <sup>1</sup>	\$652	\$670	\$463	\$210
Distribution Per Common Unit	\$1.55	\$1.41	\$0.91	\$0.42

Note: Data as of 9/30/2018

<sup>1)</sup> Fee Related Earnings, Economic Income and Distributable Earnings for 2016 and 2017 include net (charges)/recoveries of \$(175) million and \$68 million, respectively, in Global Credit

# **Strong Balance Sheet With Growing Value Per Unit**

Key Balance Sheet Items <sup>1</sup> (\$ billions)	9/30/2018
Cash, Cash Equivalents and Corporate Treasury Investments <sup>2</sup>	\$1.5
Net accrued performance fees (net of giveback and accrued performance fee compensation)	\$1.9
Investments attributable to Carlyle unitholders <sup>3</sup>	\$0.9
Loans Payable and Senior Notes <sup>3</sup>	\$1.2
Drawn revolving credit line (\$750 million capacity)	\$0

- Balance sheet amounts are shown without the impact of certain Carlyle funds that are required to be consolidated on its financial statements.
- 2) Corporate treasury investments represent investments in U.S. Treasury and government agency obligations, commercial paper, certificates of deposit, other investment grade securities and other investments with original maturities of greater than three months when purchased.
- 3) Excludes the impact of approximately \$0.3 billion of loans used to finance our investments in CLOs. Investments also excludes the equity method accounting of our investment by Carlyle in NGP Energy Capital Management.

### Key Balance Sheet Items

(\$ in billions, except per adjusted unit amounts)





### Well Are Tracking Well Against Our Main Focus Areas

**Investment performance** continues to be strong: LTM carry fund appreciation of 17%

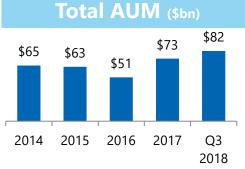
Investment platform scaling significantly and we remain on track for \$100 billion in new capital raised by 2019

Gaining traction on **building a premier global credit business** 

Platform scaling and financial focus driving accelerating Fee Related Earnings and Margin

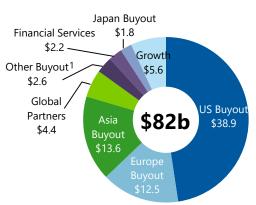
# **SEGMENT SUMMARIES**

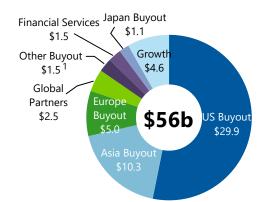
# Corporate Private Equity: Platform Continues to Scale While Maintaining Superior Long Term Performance











#### **Financial Metrics** (\$mm)

	2015	2016	2017	LTM Q3 2018
Fee Related Earnings	\$135	\$116	\$26	\$17
Net Realized Perf. Revenues	669	588	459	288
Distributable Earnings	798	739	488	320
Economic Income	399	224	896	509

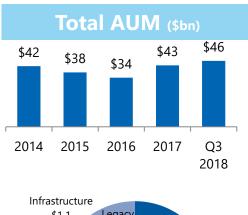
#### **Key Points**

- Superior, diversified track record
  - 2.5X MOIC on realized and partially realized investments
  - Experience across multiple deployment and exit cycles
- Successor funds continue to scale CPE platform
  - US/Asia/Europe buyout fundraising to date scales latest funds by more than 45%
  - \$40 bn of Available Capital
  - Deployment of \$7.0 bn LTM
- Positioned to deliver future performance fees
  - \$41 bn Remaining Fair Value
  - \$1.2 bn of Net Accrued Performance Revenue

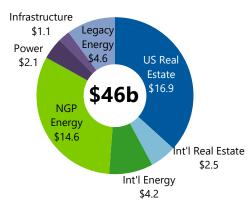
Note: Data as of 9/30/2018 unless otherwise noted. See The Carlyle Group L.P.'s filings with the U.S. Securities and Exchange Commission for more information on fund performance.

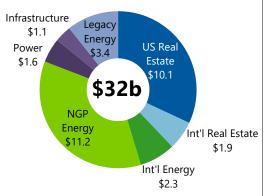
# Real Assets: Growing Real Estate Platform & Opportunities in Natural Resources, Power and Infrastructure

2018









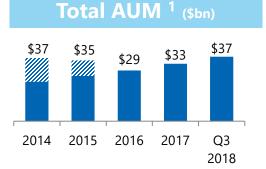
#### **Financial Metrics** (\$mm)

	2015	2016	2017	LTM Q3 2018
Fee Related Earnings	\$82	\$69	\$52	\$118
Net Realized Perf. Revenues	95	16	50	75
Distributable Earnings	73 <sup>1</sup>	49	25	202
Economic Income	33 <sup>1</sup>	217	215	324

#### **Key Points**

- US Real Estate business delivering strong performance
  - Strong performance and substantial scaling in opportunistic funds
  - Core Plus market an attractive opportunity to leverage USRE expertise
- Natural Resources actively deploying capital and performing
  - Invested Capital of \$5.2 bn over the LTM
  - Carry funds appreciated 3% in Q3 and 17% over the LTM
- **☐** Global Infrastructure opportunity
  - New global infrastructure fund has announced several significant transactions with a strong pipeline

# Global Credit: Significant Growth Potential as We Build a Larger Diversified Credit Platform









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	2015	2016	2017	LTM Q3 2018
Fee Related Earnings <sup>2</sup>	\$20	\$(175)	\$82	\$31
Net Realized Perf. Revenues	21	19	40	24
Distributable Earnings <sup>2</sup>	39	(157)	127	58
Economic Income <sup>2</sup>	(40)	(159)	107	22

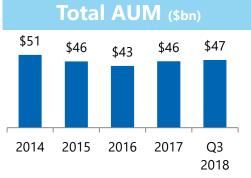
#### **Key Points**

- Focused on enhancing and scaling credit platform
  - · Private credit accelerating as an asset class
  - New credit teams capable of managing higher AUM
  - Growth via organic/inorganic means capturing significant white space
- □ Solid core platform
  - \$22 bn US/Europe CLO business with strong fee margins
  - Direct Lending with \$4.2 bn of AUM with a majority first lien portfolio
  - Latest vintage Energy Credit and Distressed Credit funds significantly larger than predecessor funds
- ☐ Launch or acquire new capabilities
  - Opportunistic credit
  - Secondary structured credit
  - OFI Carlyle Private Credit Fund
  - Aviation finance & servicing (expected 1Q19)

Note: Data as of 9/30/2018.

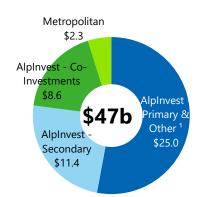
 <sup>2014</sup> and 2015 Total AUM and Fee Earning AUM reflect breakout of the former hedge fund platform

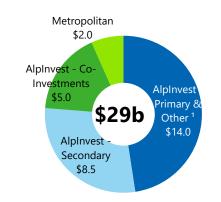
# Investment Solutions: Successful Fundraising Efforts & Consistent Strong Performance Support Future Upside Potential











#### **Financial Metrics (\$mm)**

	2015	2016	2017	LTM Q3 2018
Fee Related Earnings	\$15	\$23	\$32	\$36
Net Realized Perf. Revenues	4	2	3	8
Distributable Earnings	13	20	30	40
Economic Income	4	24	51	63

#### **Key Points**

- ☐ AlpInvest has great investment performance with performance fee upside
  - 12% net IRR & 1.6x MOIC with LTM appreciation of 20%<sup>2</sup>
  - Performance revenues could improve as post acquisition European waterfall funds mature
- ☐ Effective management fee rate should rise over time
  - New commitments have higher fee yield
  - Expect older/low fee commitments to drive FEAUM runoff over next few years

Note: Data as of 9/30/2018.

<sup>1)</sup> Includes Mezzanine funds.

<sup>2)</sup> Includes impact from foreign exchange gain/loss in underlying fund investments.

# **APPENDIX**

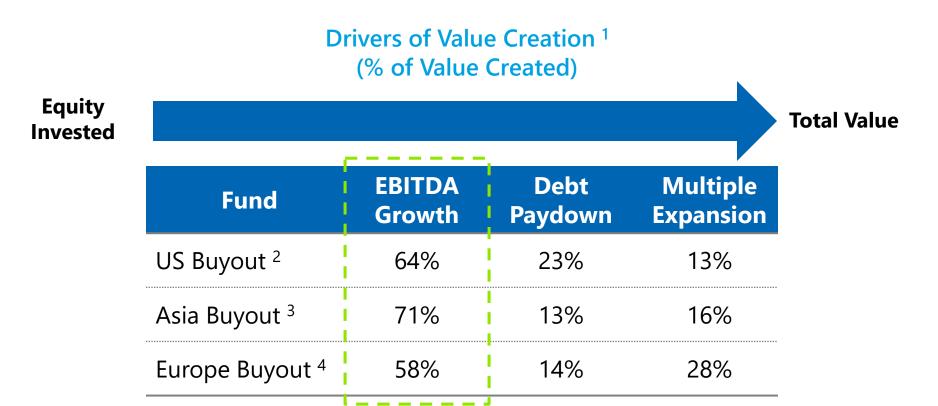
### **Fortitude Group Holdings Transaction Highlights**

- Transaction signed on July 31, 2018 and closed in Q4 2018
- Acquired a 19.9% interest in Fortitude Group Holdings (from AIG), which was previously known as DSA Re
- Carlyle to become the preferred alternative asset manager for Fortitude, with Fortitude to commit significant assets to Carlyle investment funds/strategies over a 36 month period
- Creates a platform for Carlyle to better provide investment management services to the insurance sector
- > \$381 million upfront cash consideration and up to \$95 million of additional deferred consideration
- Capital allocated to CG funds should result in ~\$50 million in annual management fee revenue once fully ramped
- > 19.9% equity stake will generate investment income for Carlyle based on Fortitude earnings and future dividends paid

### **Apollo Aviation Group (AAG) Transaction Highlights**

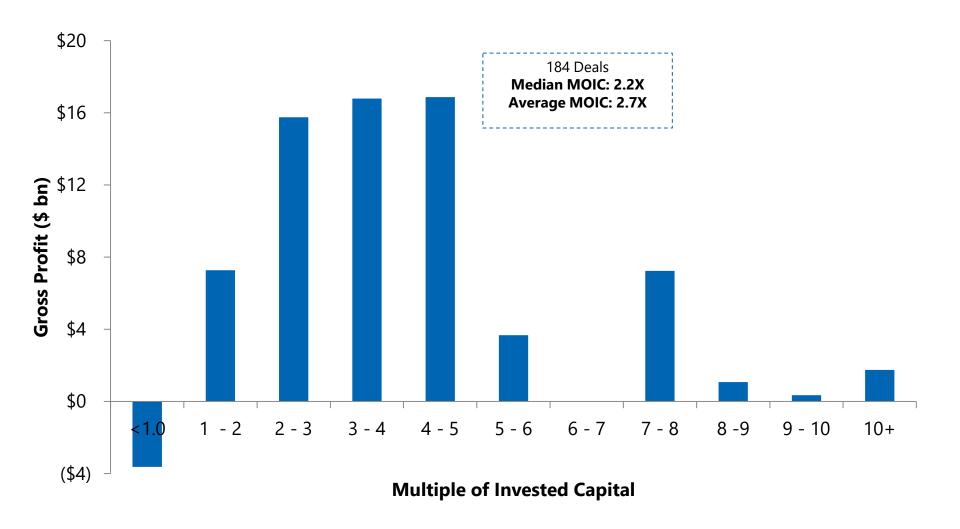
- Transaction announced on October 15, 2018 and expected to close by the end of January 2019
- Carlyle will acquire 100% of AAG Global commercial aviation investment and servicing firm with \$5.6 billion of AUM, including 243 aircraft owned, managed or committed to purchase
- Will operate as Carlyle Aviation Partners within the Global Credit segment
- > AAG raises closed-end funds from limited partners to provide financing solutions to the commercial aviation sector through the purchase, leasing and management of portfolios of aircraft
- Acquisition expands Carlyle's Global Credit capabilities in the growing asset-based credit market via a scalable platform with strong growth prospects
- > \$75 million upfront cash consideration and up to \$150 million of additional deferred consideration
- Upon closing we expect annual FRE to be at least \$10 million in the first year

### **CPE Portfolio Company Earnings Growth Drives Value Creation**



- 1) Includes both realized & unrealized deals for US Buyout, & includes only realized & partially realized deals for Europe Buyout. Asia buyout only reflects realized & partially realized investments, but includes the unrealized portion of partially realized investments. On the unrealized portion of partially realized investments, actual realized values may differ from the estimated values on which this slide is based. Past performance is not indicative of future results & there is no guarantee these trends will continue. See "Important Information" at the beginning of this presentation.
- 2) As of 6/30/2018 or most recent data available. Illustrates the source of value creation on all deals currently valued at greater than 1.0x in CP IV, CP V & CP VI. Excludes coinvestment in deals acquired by CP IV, CP V & CP VI.
- 3) As of 6/30/2018 or most recent data available. Excludes co-investment.
- 4) As of 6/30/2018 or most recent data available. Includes all fully realized & partially realized CEP transactions since inception with the exception of Bredbandsbolaget AB (venture led deal which is not representative of CEP strategy). The losses from realized transactions that have returned < 0.5x cost have been allocated to EBITDA growth, deleveraging, & multiple expansion on a pro-rata basis. Excludes co-investment.

### CPE's Proven, Disciplined Investment Process Drives Consistent Returns



# Exceptional Fund Performance Is Our Top Priority, and Many Of Our Largest Fund Families Have Consistently Delivered

Carlyle Fund Family	le Fund Family Inception Year		Gross IRR	Gross IRR Net IRR	
Carlyle Partners IV (U.S.)	2004	\$7.9	16%	13%	2.4x
Carlyle Partners V (U.S.)	2007	\$13.7	18%	14%	2.1x
Carlyle Partners VI (U.S.)	2012	\$13.0	18%	12%	1.5x
Carlyle Asia Partners II	2006	\$1.8	11%	8%	1.9x
Carlyle Asia Partners III	2008	\$2.6	17%	11%	1.8x
Carlyle Asia Partners IV	2012	\$3.9	16%	9%	1.4x
Carlyle Europe Partners II	2003	€1.8	36%	20%	2.0x
Carlyle Europe Partners III	2006	€5.3	19%	14%	2.3x
Carlyle Europe Partners IV	2013	€3.7	21%	11%	1.4x
Carlyle Realty Partners V (U.S.)	2006	\$3.0	12%	9%	1.7x
Carlyle Realty Partners VI (U.S.)	2010	\$2.3	28%	19%	1.8x
Carlyle Realty Partners VII (U.S.)	2014	\$4.2	22%	14%	1.5x
Carlyle Realty Partners VIII (U.S.)	2017	\$5.5	NM	NM	1.0x
Natural Gas Partners X	2012	\$3.6	9%	6%	1.3x
Natural Gas Partners XI	2014	\$5.3	31%	22%	1.5x
Natural Gas Partners XII	2017	\$3.2	NM	NM	1.1x
Carlyle Strategic Partners II	2007	\$1.4	17%	11%	1.8x
Carlyle Strategic Partners III	2011	\$0.7	30%	20%	1.7x
Carlyle Strategic Partners IV	2016	\$2.5	NM	NM	1.2x

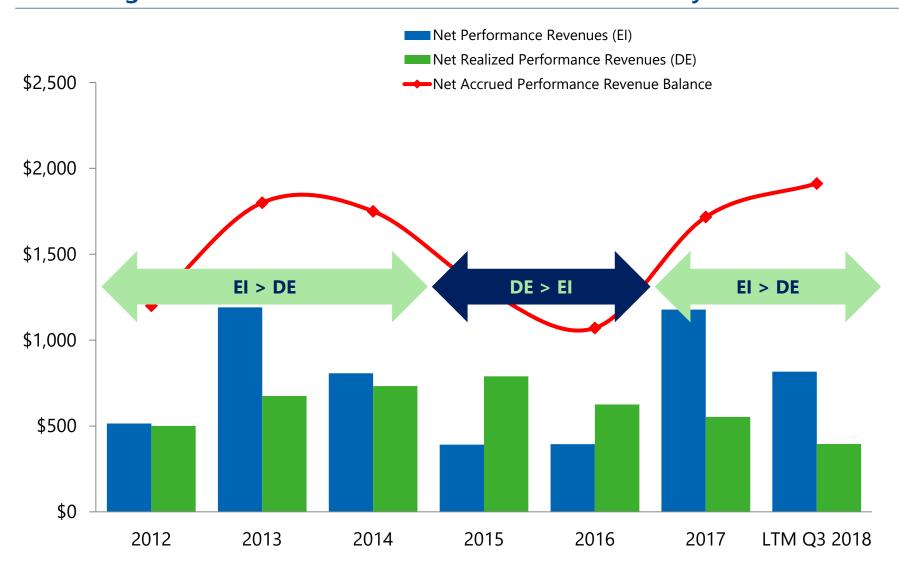
Note: Data as of 9/30/2018. Does not represent all Carlyle carry funds. For a full list of the firm's significant funds and information about their performance, see information in our latest earnings release or quarterly or annual reports filed with the U.S. Securities and Exchange Commission. Bold represents funds currently in the investment period.

# Carlyle's Private Equity Funds Have Historically Performed Well During Various Investment Cycles

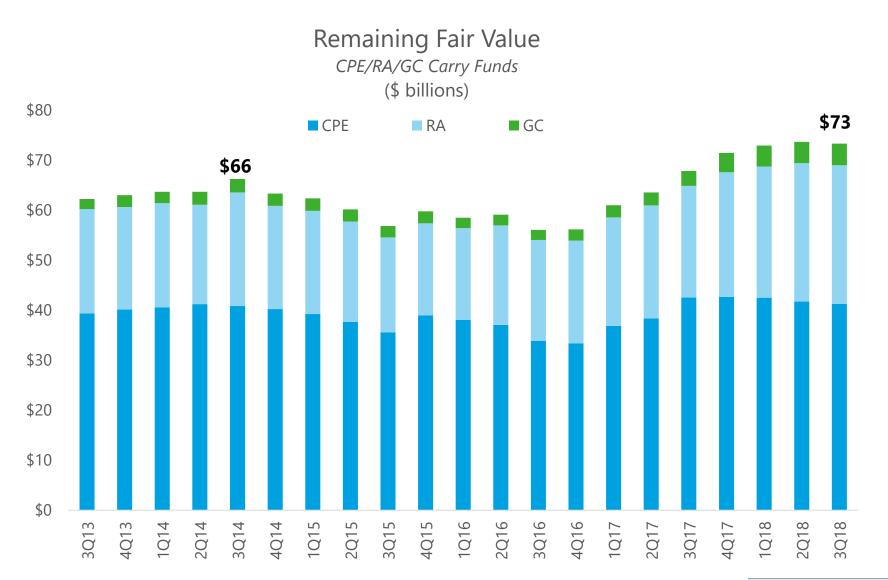
		Total Inv	vestments	Realized/Partially Realized							
Fund	Investing Period	MOIC	Gross IRR	MOIC	Gross IRR						
Carlyle Partners IV	2004 – 2007	2.4X	16%	2.4X	16%						
Carlyle Partners V	2007 – 2012	2.1X	18%	2.6X	25%						
Carlyle Europe Partners II	2003 – 2006	2.0X	36%	2.2X	43%						
Carlyle Europe Partners III	2007 – 2013	2.3X	19%	2.6X	21%						
,	2006 – 2008	1.9X	11%	1.9X	11%						
Carlyle Asia Partners III	2008 – 2012	1.8X	17%	2.1X	19%						

Note: Data as of 9/30/2018. Past performance is not indicative of future results and there is no guarantee these trends will continue. Investment period begins at fund inception date. Total Investments represents both realized as well as unrealized fund investments, while Realized/Partially Realized only represents fully realized investments or investments when total proceeds received represent at least 85% of invested capital and such investment is not fully realized. MOIC is multiple of invested capital. See "Important Information" for more information on the calculation of gross IRRs, gross MOIC, and realized and partially realized investments. See The Carlyle Group L.P.'s filings with the U.S. Securities and Exchange Commission for more information on the performance of the firm's significant funds.

# Performance Revenue Accrual Likely to Exceed Near Term Realizations as Investing Generation of Funds Continue to Accrue Carry



# Record Amount of Remaining Fair Value Supports Further Growth In Performance Revenue



# Breadth of Fundraising Resources and Capabilities Drive New Investor Relationships

- More than 1,925 fund investors from 90 countries
- More than 280 new fund investors over the past 3 years have committed \$8.0 billion
- 65% of fund investor capital is invested across six or more carry funds, up from 50% in 2006

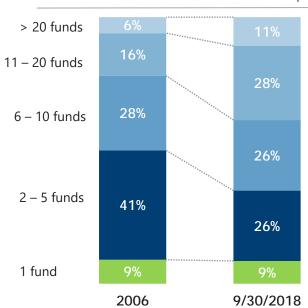


#### **Diverse Source of Capital Commitments**

#### Other Banks 3% 5% Insurance 7% Corporations **Public Pensions** 1% & Agencies 30% Fund of Funds 8% High Net Worth Sovereign 20% Wealth Funds 17% **Endowments Corporate Pensions** 6%

#### **Cross Selling Across Funds<sup>1</sup>**

% of \$ Commitments Across Multiple Funds



Note: Data as of 9/30/2018.

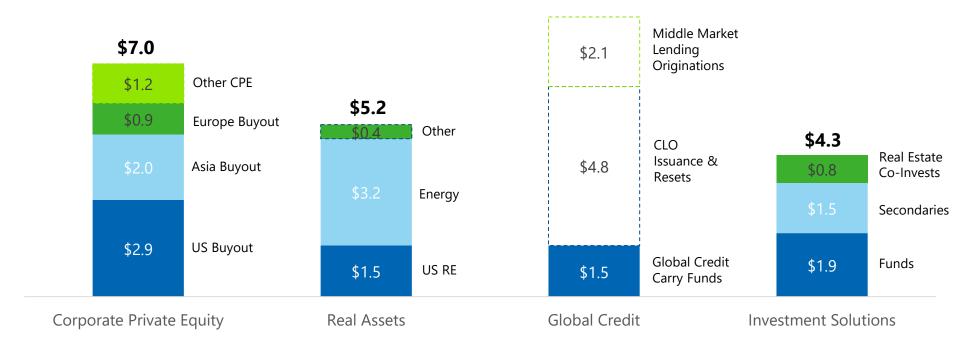
Number of fund investors for prior years is shown as of September 30th of each year.

1) Percentage of capital committed by investors to active carry funds, segmented by the number of active carry funds in which the investors were committed as of 12/31/2006 and 9/30/2018.

# Diverse Investment Activity Across Carry Funds And Credit Despite Competitive Global Markets

#### LTM Total Investment Activity (\$ billions)

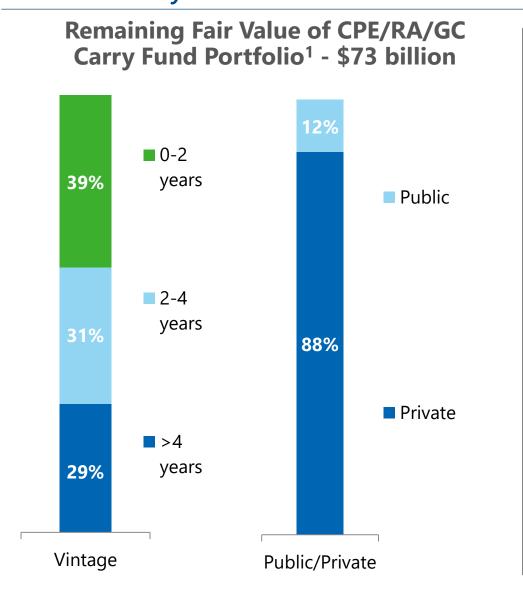
Carry Fund Deployment: \$18.0 Credit Investment Activity (Non-Carry Fund): \$6.9



Note: Data as of 9/30/2018.

THE CARLYLE GROUP

# Investments Remain Diversified Across Age With Majority of Investments Held Privately



"Aging" of carry fund portfolio remains diversified with 29% of Remaining Fair Value in investments made more than 4 years ago

# **Summary Financial Results**

Segment Revenues           Management, Portfolio Advisory & Transaction Fees         305         294         335         363         1,303         1,223         1,134         1,125           Performance Revenues         616         317         470         225         1,708         910         752         2,175         1           Principal Investment Income (Loss)         41         30         25         14         (111)         (22)         50         47           Interest Income         6         7         8         9         2         5         10         17           Other Income         4         6         2         2         20         17         13         15           Total Segment Revenues         971         654         840         613         3,022         2,132         1,959         3,379         2           Segment Expenses         8         80         613         3,022         2,132         1,959         3,379         2           Cash-based Compensation and Benefits         180         189         172         186         683         650         601         658           Equity-based Compensation         27         38 <td< th=""><th colspan="2"></th></td<>		
Management, Portfolio Advisory & Transaction Fees         305         294         335         363         1,303         1,223         1,134         1,125           Performance Revenues         616         317         470         225         1,708         910         752         2,175         1           Principal Investment Income (Loss)         41         30         25         14         (11)         (22)         50         47           Interest Income         6         7         8         9         2         5         10         17           Other Income         4         6         2         2         2         20         17         13         15           Total Segment Revenues         971         654         840         613         3,022         2,132         1,959         3,379         2           Segment Expenses         2         2         2         20         17         13         15           Cash-based Compensation and Benefits         180         189         172         186         683         650         601         658           Equity-based Compensation         27         38         50         52         80         122 <td< th=""><th>18 YTD</th></td<>	18 YTD	
Performance Revenues         616         317         470         225         1,708         910         752         2,175         1           Principal Investment Income (Loss)         41         30         25         14         (11)         (22)         50         47           Interest Income         6         7         8         9         2         5         10         17           Other Income         4         6         2         2         20         17         13         15           Total Segment Revenues         971         654         840         613         3,022         2,132         1,959         3,379         2           Segment Expenses         971         654         840         613         3,022         2,132         1,959         3,379         2           Segment Expenses         8         189         172         186         683         650         601         658           Equity-based Compensation and Benefits         180         189         172         186         683         650         601         658           Equity-based Compensation         27         38         50         52         80         122         1		
Principal Investment Income (Loss)  41 30 25 14 (11) (22) 50 47 Interest Income 6 7 8 9 2 5 10 17 Other Income 7 4 6 2 2 2 20 17 13 15 Total Segment Revenues 971 654 840 613 3,022 2,132 1,959 3,379 2 Segment Expenses  Cash-based Compensation and Benefits 180 189 172 186 683 650 601 658 Equity-based Compensation 27 38 50 52 80 122 120 124 Performance Revenues Related Compensation 27 38 50 52 80 122 120 124 Performance Revenues Related Compensation 278 157 220 156 901 518 358 997  General, Administrative, and Other Indirect Expenses 94 75 99 81 318 363 484 234 Depreciation & Amortization Expense 8 8 8 9 9 9 22 26 29 31 Interest Expense 17 18 19 19 56 58 61 66 Total Segment Expenses 605 485 568 502 2,060 1,736 1,653 2,110 15	992	
Interest Income         6         7         8         9         2         5         10         17           Other Income         4         6         2         2         20         17         13         15           Total Segment Revenues         971         654         840         613         3,022         2,132         1,959         3,379         2           Segment Expenses         Segment Expenses           Cash-based Compensation and Benefits         180         189         172         186         683         650         601         658           Equity-based Compensation         27         38         50         52         80         122         120         124           Performance Revenues Related Compensation         278         157         220         156         901         518         358         997           General, Administrative, and Other Indirect Expenses         94         75         99         81         318         363         484         234           Depreciation & Amortization Expense         8         8         9         9         22         26         29         31           Interest Expense         17         18	1,012	
Other Income         4         6         2         2         2         20         17         13         15           Total Segment Revenues         971         654         840         613         3,022         2,132         1,959         3,379         2           Segment Expenses           Cash-based Compensation and Benefits         180         189         172         186         683         650         601         658           Equity-based Compensation         27         38         50         52         80         122         120         124           Performance Revenues Related Compensation         278         157         220         156         901         518         358         997           General, Administrative, and Other Indirect Expenses         94         75         99         81         318         363         484         234           Depreciation & Amortization Expense         8         8         9         9         22         26         29         31           Interest Expense         17         18         19         19         56         58         61         66           Total Segment Expenses         605         485         568<	69	
Total Segment Revenues         971         654         840         613         3,022         2,132         1,959         3,379         2           Segment Expenses           Cash-based Compensation and Benefits         180         189         172         186         683         650         601         658           Equity-based Compensation         27         38         50         52         80         122         120         124           Performance Revenues Related Compensation         278         157         220         156         901         518         358         997           General, Administrative, and Other Indirect Expenses         94         75         99         81         318         363         484         234           Depreciation & Amortization Expense         8         8         9         9         22         26         29         31           Interest Expense         17         18         19         19         56         58         61         66           Total Segment Expenses         605         485         568         502         2,060         1,736         1,653         2,110         1	24	
Segment Expenses         Cash-based Compensation and Benefits       180       189       172       186       683       650       601       658         Equity-based Compensation       27       38       50       52       80       122       120       124         Performance Revenues Related Compensation       278       157       220       156       901       518       358       997         General, Administrative, and Other Indirect Expenses       94       75       99       81       318       363       484       234         Depreciation & Amortization Expense       8       8       9       9       22       26       29       31         Interest Expense       17       18       19       19       56       58       61       66         Total Segment Expenses       605       485       568       502       2,060       1,736       1,653       2,110       1	11	
Cash-based Compensation and Benefits       180       189       172       186       683       650       601       658         Equity-based Compensation       27       38       50       52       80       122       120       124         Performance Revenues Related Compensation       278       157       220       156       901       518       358       997         General, Administrative, and Other Indirect Expenses       94       75       99       81       318       363       484       234         Depreciation & Amortization Expense       8       8       9       9       22       26       29       31         Interest Expense       17       18       19       19       56       58       61       66         Total Segment Expenses       605       485       568       502       2,060       1,736       1,653       2,110       1	2,107	
Equity-based Compensation       27       38       50       52       80       122       120       124         Performance Revenues Related Compensation       278       157       220       156       901       518       358       997         General, Administrative, and Other Indirect Expenses       94       75       99       81       318       363       484       234         Depreciation & Amortization Expense       8       8       9       9       22       26       29       31         Interest Expense       17       18       19       19       56       58       61       66         Total Segment Expenses       605       485       568       502       2,060       1,736       1,653       2,110       1		
Performance Revenues Related Compensation         278         157         220         156         901         518         358         997           General, Administrative, and Other Indirect Expenses         94         75         99         81         318         363         484         234           Depreciation & Amortization Expense         8         8         9         9         22         26         29         31           Interest Expense         17         18         19         19         56         58         61         66           Total Segment Expenses         605         485         568         502         2,060         1,736         1,653         2,110         1	548	
General, Administrative, and Other Indirect Expenses       94       75       99       81       318       363       484       234         Depreciation & Amortization Expense       8       8       9       9       22       26       29       31         Interest Expense       17       18       19       19       56       58       61       66         Total Segment Expenses       605       485       568       502       2,060       1,736       1,653       2,110       1	139	
Depreciation & Amortization Expense       8       8       9       9       22       26       29       31         Interest Expense       17       18       19       19       56       58       61       66         Total Segment Expenses       605       485       568       502       2,060       1,736       1,653       2,110       1	533	
Interest Expense 17 18 19 19 56 58 61 66  Total Segment Expenses 605 485 568 502 2,060 1,736 1,653 2,110 1	255	
Total Segment Expenses 605 485 568 502 2,060 1,736 1,653 2,110 1	25	
	55	
Economic Income 366 169 272 111 962 397 306 1,269	1,555	
	552	
(-) Net Performance Revenues 337 160 250 69 807 392 394 1,178	479	
(-) Principal Investment Income (Loss) 41 30 25 14 (11) (22) 50 47	69	
(+) Equity-based Compensation 27 38 50 52 80 122 120 124	139	
(+) Net Interest 12 11 11 10 54 53 51 49	32	
(+) Reserve for Litigation and Contingencies 50 - (25)	-	
Fee Related Earnings 27 28 58 89 300 252 33 192	175	
(+) Realized Net Performance Revenues 118 103 50 124 733 789 625 553	277	
(+) Realized Principal Investment Income (Loss) 22 19 18 7 (6) (65) 45 (26)	43	
(+) Net Interest (12) (11) (11) (54) (53) (51) (49)	(32)	
Distributable Earnings 156 139 115 210 973 923 652 670	463	
Per Unit Measures		
	\$1.41	
	\$1.21 \$0.91	

Note: Data as of 9/30/2018.

## **Key Metrics for "The Carlyle Engine"**

		Q	uarterly Da	ta						Annu					al Data						
	4O16	1017	2017	3017	4017	1018	2O18	3Q18		2013	2014	2015	2016	2017	2018 YTE						
Total AUM(1) (\$ bn)	157.6	161.9	169.8	174.4	195.1	201.5	209.7	212.3	Total AUM(1) (\$ bn)	188.8	194.5	182.6	157.6	195.1	212.3						
Corporate Private Equity	50.9	53.0	54.3	55.7	72.6	75.0	81.2	81.6	Corporate Private Equity	64.9	64.7	63.1	50.9	72.6	81.6						
Real Assets	34.3	35.6	38.9	39.8	42.9	44.0	45.4	46.0	Real Assets	38.7	42.3	38.0	34.3	42.9	46.0						
Global Credit	29.4	29.4	30.9	31.9	33.3	33.8	35.5	37.4	Global Credit	35.5	36.7	35.3	29.4	33.3	37.4						
Investment Solutions	43.1	44.0	45.7	47.0	46.3	48.7	47.6	47.3	Investment Solutions	49.8	50.8	46.2	43.1	46.3	47.3						
Fee-Earning AUM(1) (\$ bn)	115.0	114.9	116.1	121.8	124.6	125.8	146.5	147.4	Fee-Earning AUM(1) (\$ bn)	139.9	135.6	131.0	115.0	124.6	147.4						
Corporate Private Equity	36.3	36.9	36.2	35.6	35.6	35.3	56.3	56.3	Corporate Private Equity	43.0	40.2	40.9	36.3	35.6	56.3						
Real Assets	27.5	27.2	26.2	29.8	31.6	32.1	31.5	31.6	Real Assets	28.4	28.4	30.9	27.5	31.6	31.6						
Global Credit	24.1	24.4	25.2	26.0	27.3	27.8	28.8	30.1	Global Credit	33.4	33.9	31.0	24.1	27.3	30.1						
Investment Solutions	27.1	26.4	28.5	30.3	30.2	30.5	29.8	29.5	Investment Solutions	35.1	33.1	28.2	27.1	30.2	29.5						
Fundraising(2)(3) (\$ bn)	2.7	3.0	8.4	7.2	24.7	7.7	12.3	6.0	Fundraising(2)(3) (\$ bn)	22.0	24.3	16.4	8.2	43.3	26.0						
Corporate Private Equity	0.0	0.2	0.3	0.9	19.1	3.9	8.8	1.8	Corporate Private Equity	11.8	7.6	8.0	0.8	20.5	14.5						
Real Assets	0.3	1.0	3.6	2.4	3.2	1.3	0.7	1.1	Real Assets	2.0	9.2	3.9	1.2	10.2	3.1						
Global Credit	1.3	0.4	2.7	1.8	1.7	0.8	2.0	2.0	Global Credit	5.7	6.9	2.9	3.5	6.6	4.8						
Investment Solutions	1.1	1.4	1.7	2.1	0.7	1.7	0.7	1.2	Investment Solutions	2.5	0.5	1.6	2.8	5.9	3.5						
Invested Capital(4) (\$ bn)	6.1	4.4	3.4	6.9	7.2	4.0	3.5	3.3	Invested Capital(4) (\$ bn)	12.3	14.8	14.0	17.9	22.0	10.8						
Corporate Private Equity	2.6	2.5	1.4	3.6	3.6	0.7	1.6	1.1	Corporate Private Equity	4.8	6.8	5.3	7.9	11.1	3.4						
Real Assets	2.2	0.7	0.8	1.3	1.6	1.9	0.9	0.8	Real Assets	2.5	2.5	3.1	5.1	4.4	3.6						
Global Credit	0.4	0.3	0.2	0.7	0.8	0.4	0.2	0.1	Global Credit	0.8	0.6	0.6	0.7	2.1	0.7						
Investment Solutions	0.9	0.9	1.0	1.3	1.2	1.0	0.8	1.3	Investment Solutions	4.2	5.0	5.0	4.3	4.4	3.1						
Realized Proceeds(4) (\$ bn)	8.6	3.6	5.9	8.4	8.0	5.6	7.0	6.4	Realized Proceeds(4) (\$ bn)	25.4	29.4	29.0	29.4	26.0	19.1						
Corporate Private Equity	3.6	1.1	2.6	4.0	3.4	2.7	2.9	1.5	Corporate Private Equity	11.9	14.5	12.9	14.8	11.2	7.1						
Real Assets	2.0	0.6	0.9	1.7	1.3	1.1	1.4	1.7	Real Assets	4.0	4.7	4.8	5.6	4.5	4.2						
Global Credit	0.1	0.1	0.1	0.2	0.3	0.2	0.3	0.1	Global Credit	1.0	0.7	0.5	0.4	0.6	0.6						
Investment Solutions	2.8	1.9	2.3	2.5	2.9	1.7	2.4	3.1	Investment Solutions	8.4	9.5	10.8	8.6	9.6	7.2						
Fund Appreciation(5)	5%	6%	5%	3%	5%	3%	5%	3%	Fund Appreciation(5)	18%	19%	12%	12%	20%	12%						
Corporate Private Equity	4%	9%	8%	4%	8%	4%	3%	1%	Corporate Private Equity	30%	23%	13%	11%	32%	8%						
Real Assets	4%	5%	6%	2%	4%	2%	7%	3%	Real Assets	1%	(2%)	(3%)	18%	19%	12%						
Global Credit	2%	7%	0%	0%	1%	2%	3%	1%	Global Credit	28%	20%	(8%)	(11%)	11%	7%						
Investment Solutions	7%	3%	1%	3%	3%	4%	8%	5%	Investment Solutions	15%	26%	23%	12%	10%	17%						
ar, comen bounds	7,0	070	1/0	570	0,0	1/0	0.0	570	arrestment boldtons	1070	2070	2070	12/0	1070	17 /0						

Note: segments may not add to total due to rounding; for definitions of the operating metrics above, please see The Carlyle Group LP's filings with the Securities and Exchange Commission. In early 2018, our Global Market Strategies business was renamed to Global Credit.

<sup>1)</sup> For purposes of aggregation, funds denominated in a currency other than U.S. Dollars have been converted at the spot rate as of the end of each period presented.

<sup>2)</sup> For purposes of aggregation, commitments denominated in a currency other than U.S. Dollars have been converted at the spot rate as of the date of closing of such commitment.

<sup>3)</sup> Excludes acquisitions.

<sup>4)</sup> Amounts represent Carry Fund transactions only (including related coinvestments). Does not include hedge funds, mutual funds, structured credit funds, and NGP management fee funds. For purposes of aggregation, transactions denominated in a currency other than U.S. Dollars have been converted at the average rate for the period presented.

<sup>5)</sup> Appreciation / (Depreciation) represents unrealized gain / (losses) for the period on a total return basis before fees and expenses. The percentage of return is calculated as: Ending Remaining Investment FMV plus net investment outflow (sales proceeds minus net purchases) minus Beginning Remaining Investment FMV divided by Beginning Remaining Investment FMV. Excludes external coinvestment.

#### Reconciliation of GAAP to Non-GAAP Financials

(\$ millions)			Quarterly									Annual							
(\$ millions)		3Q17		4Q17		1Q18		2Q18		3Q18		2015		2016		2017	20	018 YTD	
Income (loss) before provision for income taxes Adjustments:	\$	166	\$	395	\$	126	\$	253	\$	61	\$	402	\$	45	\$	1,132	\$	439	
Equity-based compensation issued in conjunction with the IPO, acquisitions and strategic investments		58		57		50		18		0		260		223		241		69	
Acquisition related charges, including amortization of intangibles and impairment		7		11		5		9		2		289		94		36		16	
Other non-operating expense (income) (1)		-		(72)		0		0		0		(7)		(11)		(71)		1	
Tax (expense) benefit associated with performance revenues		(2)		(2)		(2)		4		(13)		(15)		(15)		(9)		(11)	
Net income attributable to non-controlling interests in consolidated entities		(28)		(25)		(11)		(17)		(15)		(538)		(41)		(73)		(42)	
Lease assignment and termination costs		-		-		-		3		64		-		-		-		67	
Debt extinguishment costs		-		-		-		-		8		-		-		-		8	
Severance and other adjustments		1		2		2		1		3		6		10		13		5	
Economic Income	\$	203	\$	366	\$	169	\$	272	\$	111	\$	397	\$	306	\$	1,269	\$	552	
(-) Net Performance Revenues		147		337		160		250		69		392		394		1,178		479	
(-) Principal Investment Income (Loss)		(35)		41		30		25		14		(22)		50		47		69	
(+) Equity-based Compensation		30		27		38		50		52		122		120		124		139	
(+) Net Interest		12		12		11		11		10		53		51		49		32	
(+) Reserve for Litigation and Contingencies		(25)		-		-		-		-		50		-		(25)			
Fee Related Earnings	\$	108	\$	27	\$	28	\$	58	\$	89	\$	252	\$	33	\$	192	\$	175	
(+) Realized Net Performance Revenues		217		118		103		50		124		789		625		553		277	
(+) Realized Principal Investment Income (Loss)		(53)		22		19		18		7		(65)		45		(26)		43	
(+) Net Interest		(12)		(12)		(11)		(11)		(10)		(53)		(51)		(49)		(32)	
Distributable Earnings	\$	260	\$	156	\$	139	\$	115	\$	210	\$	923	\$	652	\$	670	\$	463	

Note: Data as of 9/30/2018.