

Q3 2020 Results presentation

## **Disclaimer and notes**



NOT FOR RELEASE, PUBLICATION OR DISTRIBUTION, DIRECTLY OR INDIRECTLY, IN WHOLE OR IN PART, INTO OR WITHIN THE UNITED STATES OR TO "US PERSONS" (AS DEFINED IN REGULATION S UNDER THE UNITED STATES SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT")) OR INTO OR WITHIN AUSTRALIA, CANADA, SOUTH AFRICA OR JAPAN. RECIPIENTS OF THIS DOCUMENT AND THE PRESENTATION (THE "MATERIALS") IN JURISDICTIONS OUTSIDE THE UK SHOULD INFORM THEMSELVES ABOUT AND OBSERVE ANY APPLICABLE LEGAL REQUIREMENTS IN THEIR JURISDICTIONS. IN PARTICULAR, THE DISTRIBUTION OF THE MATERIALS MAY BE RESTRICTED BY LAW IN CERTAIN JURISDICTIONS. ACCORDINGLY, RECIPIENTS REPRESENT THAT THEY ARE ABLE TO RECEIVE THE MATERIALS WITHOUT CONTRAVENTION OF ANY APPLICABLE LEGAL OR REGULATORY RESTRICTIONS IN THE JURISDICTION IN WHICH THEY RESIDE OR CONDUCT BUSINESS.

The information presented herein is not an offer for sale within the United States of any equity shares or other securities of Apax Global Alpha Limited ("AGA"). AGA has not been and will not be registered under the US Investment Company Act of 1940, as amended (the "Investment Company Act"). In addition, AGA's shares (the "Shares") have not been and will not be registered under the Securities Act or any other applicable law of the United States. Consequently, the Shares may not be offered or sold or otherwise transferred within the United States, or to, or for the account or benefit of, US Persons, except pursuant to an exemption from the registration requirements of the Securities Act and under circumstances which will not require AGA to register under the Investment Company Act. No public offering of the Shares is being made in the United States.

This document represents the Q3 report of AGA. It does not constitute an advertisement and is not a prospectus. It does not constitute an offer to sell or a solicitation of an offer to buy any securities described herein in the United States or in any other jurisdiction, nor shall it, by the fact of its distribution, form the basis if, or be relied upon, in connection with any such contract. No offer, invitation or inducement to acquire Shares or other securities in AGA is being made by, or in connection with, this document.

The information and opinions contained in this document are for background purposes only, do not purport to be full or complete and do not constitute investment advice. Subject to AGA's regulatory requirements and responsibilities, no reliance may be placed for any purpose on the information and opinions contained in this document or their accuracy or completeness and no representation, warranty or undertaking, express or implied, is given as to the accuracy or completeness of the information or opinions contained in this document by AGA or any of its affiliates and no liability is accepted by such persons for the accuracy or completeness of any such information or opinions. This information is not intended to provide, and should not be relied upon for accounting, legal, tax advice or investment recommendations. You should consult your tax, legal, accounting or other professional advisors about the issues discussed herein. The descriptions contained herein are summaries and are not intended to be complete ness of any of its affiliates undertakes any obligation to update or correct any errors or inaccuracies in any of the information presented herein. The information in this document and any other information discussed at the presentation is subject to change. This document does not constitute or form part of any offer to issue or sell, or any solicitation of any offer to subscribe or purchase any investment nor shall it, or the fact of its distribution, form the basis of, or be relied on in connection with, any contract thereof.

Performance information in this report is stated as of 30 September 2020. Please note that recent events arising from the global Covid-19 pandemic have caused significant disruptions, illiquidity and volatility in the global capital and financial markets. Views and other forward-looking statements expressed in this report may therefore be based upon assumptions that are likely out of date, and accordingly, recipients should attach correspondingly qualified considerations to all performance information in this report.

The Materials may include forward-looking statements. The words "expect", "anticipate", "intends", "plan", "estimate", "aim", "forecast", "project" and similar expressions (or their negative) identify certain of these forward-looking statements are statements regarding AGA's intentions, beliefs or current expectations concerning, among other things, AGA's results of operations, financial condition, liquidity, prospects, growth and strategies. The forward-looking statements in the Materials are based on numerous assumptions regarding AGA's present and future business strategies and the environment in which AGA will operate in the future. Forward-looking statements involve inherent known and unknown risks, uncertainties and contingencies because they relate to events and depend on circumstances that may or may not occur in the future and may cause the actual results, performance or achievements of AGA to be materially different from those expressed or implied by such forward looking statements. Many of these risks and uncertainties relate to factors that are beyond AGA's ability to control or estimate precisely, such as future market conditions, currency fluctuations, the behaviour of other market participants, the actions of regulators and other factors such as AGA's ability to continue to obtain financing to meet its liquidity needs, changes in the political, social and regulatory framework in which AGA expressly disclaims any obligation or undertaking to release any undertas or revisions to these forward-looking statements to reflect any change in AGA's expectations with regard thereto or any change in events, or to haderials, or to update or to keep current any other information contained in the Materials. Accordingly, undue reliance should not be placed on the forward-looking statements, which speak only as of the date of the Materials.

Note this presentation covers the period from 1 July 2020 to 30 September 2020 unless otherwise indicated.

The contents of this Presentation, which have been prepared by and are the sole responsibility of the Company, have been approved by Apax Partners LLP solely for the purposes of section 21(2)(b) of the Financial Services and Markets Act 2000, as amended (the "FSMA").

This Presentation is not intended to be marketing as defined in an EU jurisdiction under the EU's Alternative Investment Fund Managers Directive (2011/61/EU).

Date: 4 November 2020



8.5% Total Adjusted NAV Return in Q3 2020

€1,124m NAV and Adjusted NAV

## €2.29/ £2.08

NAV and Adjusted NAV per Share

### 63%

Average Uplift on Full Exits and IPOs<sup>1</sup> Strong performance during the quarter

Exposure to Tech & Telco / Digital, Services, and Healthcare underpinned **resilience of the portfolio** and is driving **strong returns in Private Equity** portfolio

In Private Equity, **four full exits and IPOs** completed (idealista, Neuraxpharm, Duck Creek, and Max Stock)

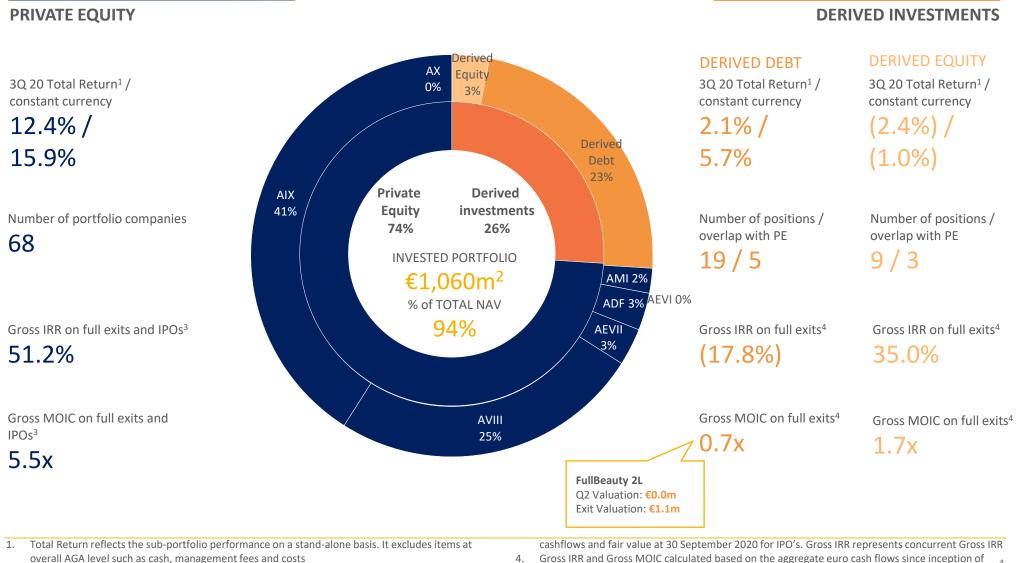
**New Private Equity investment** in legal practice management software provider MyCase

Healthy liquidity position with revolving credit facility undrawn and solid performance of Derived Debt portfolio

The Apax Funds' focus on: i) sub-sector expertise; ii) driving business transformation; and iii) investing with modest average entry leverage levels leaves the **portfolio well-positioned as the pandemic evolves** 

<sup>1.</sup> Valuation uplifts on exits are calculated based on the total actual or estimated sales proceeds and income as appropriate since the last Unaffected Valuation. Unaffected Valuation is determined as the fair value in the last quarter before exit, when valuation is not affected by the exit process (i.e. because an exit was signed, or an exit was sufficiently close to being signed that the Apax Funds incorporated the expected exit multiple into the quarter end valuation). Average uplift of full exits and IPO's in the current quarter calculated based on the expected sales proceeds from the two full exits signed (idealista & Neuraxpharm) and the fair value based on the closing share price at 30 September 2020, in addition to proceeds received in the quarter for the two IPOs (Duck Creek & Max Stock)





overall AGA level such as cash, management fees and costs 2. Excludes cash and cash equivalents, revolving credit facility drawn and net current assets, including

these the NAV is €1,124.2m and Adjusted NAV is €1,124.2m. The performance fee reserve was €nil at 30 September 2020 3. Gross IRR and Gross MOIC on the two full exits (both signed yet to close) and two IPO's in Q3 20

calculated based on the aggregate expected cash flows in euro across all funds for deals signed and

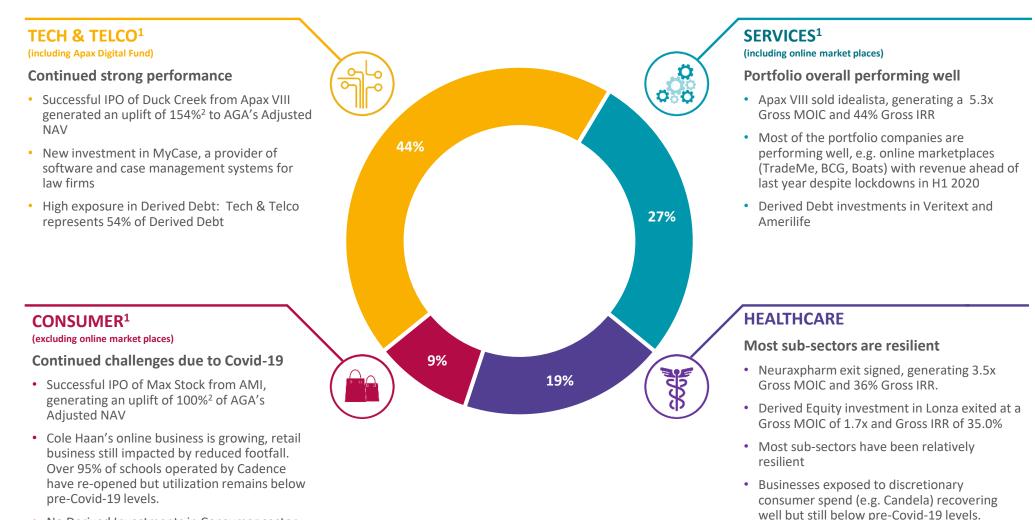
Gross IRR and Gross MOIC calculated based on the aggregate euro cash flows since inception of Л

deals fully realised during 3Q 20

AGA's target allocation will fluctuate over time due to market conditions and other factors, including calls for and distributions from Apax Funds, the timing of making and exiting Derived Investments and the Company's ability to invest in future Apax Funds



5



- No Derived Investments in Consumer sector
- Percentages are % of AGA's invested portfolio at 30 September 2020. Percentages of Services and Consumer been amended to reflect the reclassification of two online market-place businesses (idealista and Baltics Classifieds Group) from "Consumer (excluding online market-places)" to "Services (including online marketplaces)" above. There is an insignificant portfolio company categorised as "Other"
- 2. For both Duck Creek and Max Stock represents valuation at 30 September 2020 based on closing share price in addition to IPO proceeds received compared to fair value held at 30 June 2020

3. Represents uplift based on agreed sale price. Both idealista and Neuraxpharm sales remain subject to customary closing procedures

## Healthy balance sheet and liquidity position





1. Includes recallable distributions received from the Apax Funds

2. Excluding AEVI and AEVII

3. Represents current outstanding balance of facilities drawn at 30 September 2020. Balances of facilities drawn in US dollars have been converted to euro at the 30 September 2020 closing FX rate

4. NCA = Net current assets (inclusive of cash) consists of cash of €72.9m less current liabilities of €8.5m



PRIVATE EQUITY UPDATE



#### **PRIVATE EQUITY** Total Return 3Q20 / 3Q20 constant currency 12.4% / 15.9% **PRIVATE EQUITY HIGHLIGHTS** Continued improvement in operating performance across the portfolio with portfolio companies benefitting from operating LTM EBITDA growth<sup>1</sup> leverage: 17.8% - Year-over-year LTM revenue growth at 10.4% on average, 5.1% if adjusted for M&A - EBITDA year-over year LTM growth of 17.8% Net Debt/EBITDA Exit activity reflective of value creation initiatives, delivering a significant re-rating at exit, with portfolio companies having multiple<sup>2</sup> undergone a business transformation under the Apax Funds' ownership. 4.1x LTM Enterprise Value / EBITDA Valuations multiples were 17.8x - Valuation methodology based on comparable multiples - 88% of Private Equity portfolio is exposure to Tech & Telco / Digital, Services, and Healthcare Enterprise Value / Average uplift of 63% on full exits and IPOs compared to 30 June carrying values<sup>3</sup> **EBITDA** valuation multiple<sup>2</sup> Two exits signed during the quarter generated an average Gross IRR<sup>4</sup> of 39.7% and Gross MOIC<sup>4</sup> of 4.3x, additionally two investments 17.8x IPO'd generating an average uplift of 146.1%<sup>5</sup> in the guarter New investment in MyCase, a provider of case management software for law firms Uplift on full exits and IPOs<sup>3</sup> Post period, Genius Sports Group ("Genius") announced that it would go public through a combination with a special purpose acquisition vehicle. The transaction value represents a 70% uplift to the September<sup>6</sup> valuation of Genius. The transaction, which is 63% expected to complete in Q2 2021, remains subject to shareholders approval and customary closing conditions.

- LTM Revenue growth and LTM EBITDA growth rates exclude companies where EBITDA is not meaningful such as financial services or high growth business with fluctuations in EBITDA. Huayue Education and TietoEVRY are also excluded due to the unavailability of reported data.
- Net debt/EBITDA multiple and EV/EBITDA valuation multiple excluded companies where EBITDA is not meaningful such as financial services or high growth business valued on a revenue basis. MATCHESFASHION.COM is excluded due to low EBITDA from opex investments and short term fluctuations in EBITDA.
- Valuation uplifts on exits are calculated based on the total actual or estimated sales proceeds and income as appropriate since the last Unaffected Valuation. Unaffected Valuation is determined as the fair value in the last quarter before exit, when valuation is not affected by the exit process (i.e. because an exit was signed, or an exit was sufficiently

close to being signed that the Apax Funds incorporated the expected exit multiple into the quarter end valuation). This excludes Genius Sports Group which announced that it would go public through a combination with a special purpose acquisition vehicle post quarter end.

Gross MOIC and Gross IRR calculated based on the expected aggregate euro cash flows since inception for deals signed (yet to close) during 3Q 2020. Concurrent Gross IRR

Duck Creek listed in August and Max Stock listed in September. Their average uplift represents valuation using closing share price at 30 September 2020 in addition to IPO proceeds received compared to their fair values at 30 June 2020 6.

Represents an uplift of €0.01 / £0.01 to Adjusted NAV and NAV at 30 September 2020



#### AVERAGE FUND VALUATION UPLIFTS<sup>1</sup> TO UNAFFECTED VALUATIONS<sup>1</sup>

	NO. OF EXITS <sup>2</sup>	AVERAGE FUND VALUATION UPLIFT <sup>1</sup>
Apax Europe VI	18	26%
Apax Europe VII	24	23%
Apax VIII	14	20%

#### PORTFOLIO ACTIVITY

				COST <sup>3</sup>
	🗊 mycase			€7.9m
nents	price <b>f</b> x			€2.7m
Investments				€12.6m
			Total:	€23.2m
		GROSS MOIC <sup>4</sup>	GROSS IRR⁴	UPLIFT <sup>1</sup>
its		3.5x	36%	66%
Exits	idealista	5.3x	44%	(5%)
IPO's	Duck Creek Technologies	8.2x	66%	154%
Ddl	МАХ Бавическу	5.5x	75%	100%
	Combined:	5.5x	51%	63%

#### VALUATION OF PRIVATE EQUITY

- The Apax Funds' investments are valued on a quarterly basis to reflect their latest fair value
- Fair value of Apax Funds' private investments are largely determined using public trading comparatives and/or transaction comparables as appropriate
- In the Apax Funds, the majority of fair value movements are reported as unrealised given that gains or losses on exits signed, but not closed, are already reflected in the quarter end valuations

1.	Valuation uplifts on exits are calculated based on the total actual or estimated sales proceeds and income as appropriate since the last Unaffected Valuation. Unaffected Valuation is determined as the fair value in
	the last quarter before exit, when valuation is not affected by the exit process (i.e. because an exit was signed, or an exit was sufficiently close to being signed that the Apax Funds incorporated the expected exit
	multiple into the quarter end valuation).

2. Number of exits represents full exits from each of the respective Private Equity fund since 2014

3. Cost represents expected AGA look-through costs of investments closed or committed (investment amounts for AX deals remains subject to change until AX holds its final close). Innovage and pricefx both signed in June 2020 and closed in July 2020 and August 2020 respectively, whilst MyCase signed and closed in September 2020

4. Gross MOIC and Gross IRR calculated based on the expected aggregate euro cash flows since inception for deals signed (yet to close) or IPO'd during 3Q 2020. Combined Gross IRR and Gross MOIC calculated on aggregate concurrent cashflows.





#### **About Duck Creek**

Duck Creek is a leading provider of modern software technology to the P&C Insurance Carrier market

#### Value Creation

Following a proactive approach to Accenture with an unsolicited proposal to carve-out Duck Creek, Apax VIII completed the transaction in 2016

Transformed the business from a small subsidiary of a multinational professional services company to a next-generation SaaS platform disrupting a massive software market for insurance carriers

Value creation under Apax VIII ownership driven by:

- Strengthening of the Board and Management team, including the hire of a new CFO, CMO, CTO and international leadership
- Transitioning the business model to SaaS
- Accelerating S&M investments
- Expansion of system integrator partnerships
- Strategic M&A: completed four strategic add-on acquisitions during Apax Funds ownership

#### Exit

On 14 August Duck Creek started trading on the Nasdaq Global Select Market

The investment in Duck Creek is marked at a total Gross MOIC of 8.2x and a Gross IRR of  $66\%^1$  for Apax VIII

Apax VIII acquired Duck Creek at a substantial multiple discount to its listed peer. The transformation of the business has resulted in a public listing at a large premium to the same peer



1. Returns for Apax VIII EUR and USD sleeves combined at Q3 2020 (Gross MOIC / Gross IRR); Duck Creek based on share price of \$45.43 at 30 September 2020. At AGA level Gross MOIC is 8.4x given FX rates used for cost and proceeds

2. Gain in value represents proceeds of €15.1m and fair value of €96.5m based on share price at 30 September 2020 compared to initial cost of investment

## **Operating performance and exit uplifts driving valuations upwards**

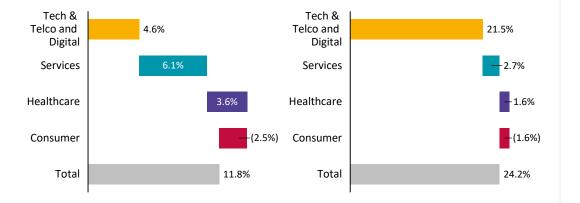
valuation multiple<sup>2</sup> (by sector)



#### LTM TO SEPTEMBER 2020 PERFORMANCE



**companies' earnings** (by sector)



#### **KEY PERFORMANCE DRIVERS**

- Many portfolio companies on track to achieve the budgets they set pre-Covid-19
- Increased valuation was particularly marked in technology and digital
- Movement in net debt decreasing returns by 4.6% mainly due to M&A
  - Average debt levels remained modest at 4.1x EV / EBITDA across portfolio
- FX with negative impact of 4.8% mainly due to the devaluation of the US dollar

1. Represents movement in all instruments senior to equity

 Movement in the valuation multiples captures movement in the comparable companies valuation multiples. In accordance with International Private Equity and Venture Capital Valuation ("IPEV") guidelines, the Apax Funds use a multiples based approach where an appropriate valuation multiple (based on both public and private market valuation comparators) is applied to maintainable earnings, which is often but not necessarily represented by EBITDA to calculate Enterprise Value

3. Mainly dilutions from incentive plans as a result of growth in the portfolio's value

4. Performance fee adjustment accounting for the movement in the performance fee reserve at 30 September 2020

# Apax GLOBAL ALPHA

## DERIVED INVESTMENTS UPDATE



DERIVED INVESTMENTS HI Total Return 3Q20 / 3Q20 constant currency 1.5% / 4.8%	GHLIGHTS
DERIVED DEBT Total Return 3Q 20 /3Q 20 constant currency 2.1% / 5.7% TOTAL INVESTED <sup>1</sup> €13.6m	<ul> <li>Solid performance of Derived Debt portfolio though impacted by currency headwinds from depreciating USD</li> <li>Continued focus on Tech &amp; Telco and Services (77%)</li> <li>Maintained balanced risk exposure in Derived Debt portfolio (36% in first lien loans, 53% in second lien loans) whilst achieving attractive yields <ul> <li>Yield to maturity across Derived Debt average at 8.8%</li> </ul> </li> </ul>
GROSS IRR / MOIC <sup>2</sup> on full exits (17.8%) / 0.7x	<ul> <li>Two new investments in the period – PCI (Healthcare) and Veritext (Services)</li> <li>The remaining investment in FullBeauty 2L was exited during Q3: exit proceeds of €1.1m compared to June 2020 valuation of €0.0m</li> </ul>
DERIVED EQUITY Total Return 3Q 20/3Q 20 constant currency (2.4%) / (1.0%)	<ul> <li>Reduced exposure to Derived Equity – just over 3% of NAV of the overall portfolio – with no new investments during the quarter</li> </ul>
TOTAL INVESTED <sup>1</sup> €0.0m	<ul> <li>Investment in Lonza was successfully exited, achieving a 1.7x MOIC and 35% Gross IRR</li> </ul>
GROSS IRR / MOIC <sup>2</sup> on full exits 35% / 1.7x	<ul> <li>Investments in Indian financial services (RepCo and DCB Bank), Sinopharm, AirtelAfrica, and Just Group still impacted by depressed valuation multiples</li> </ul>

1. Includes additional investment in EverCommerce and AmeriLife. No equity investments made in 3Q 20

2. Gross MOIC and Gross IRR calculated based on the aggregate euro cash flows since inception for deals realised during 3Q 20

## **Executing Derived Investment strategy in line with overall sector focus**



#### **INVESTMENT ACTIVITY 3Q 20**

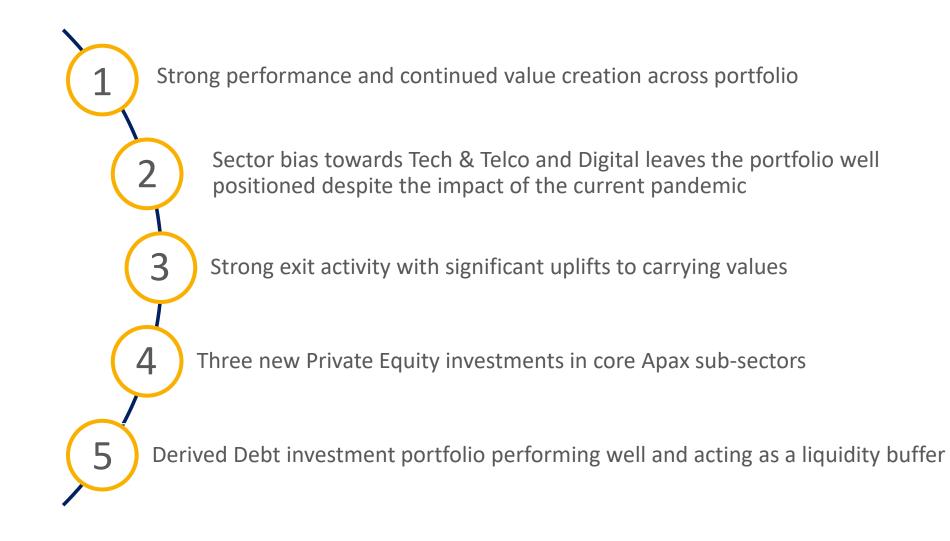
#### **DERIVED DEBT**

	SECTOR	DESCRIPTION		COST
INVESTMENTS				
PARMA SERVICES	() Healthcare	Provider of integrated pharmaceutical supply chain solutions		€10.2m
	Services	North American court reporting company		€0.3m
ADD-ONS				
A M E R I L I F E'	Services	Provider of insurance and retirement solutions		€2.9m
Evercommerce	🛞 Tech & Telco	Portfolio of marketing, business management, and customer experience software solutions		€0.2m
			Total:	€13.6m
EXITS				PROCEEDS
FULL <b>BEAUTY BRANDS</b> "	Consumer	Retailer for women's and men's apparel and household goods		€1.1m
<b>DERIVED EQUITY</b> No new investments				
			GROSS MOIC	GROSS IRR
EXITS				
Lonza	() Healthcare	Swiss multinational, biotechnology and chemicals company	1.7x	35%

## Apax GLOBAL ALPHA

## SUMMARY AND OUTLOOK

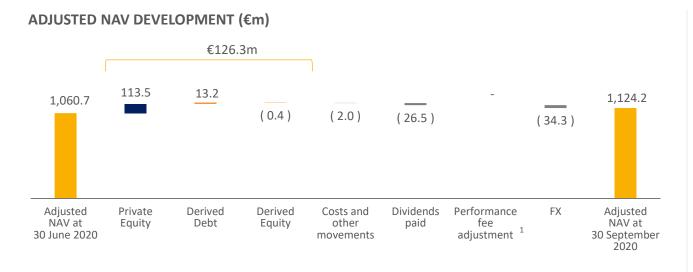




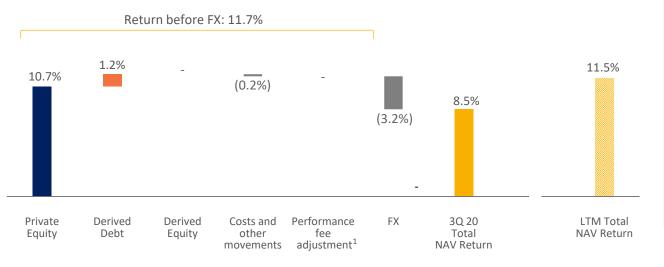
# Apax GLOBAL ALPHA

APPENDIX





#### **PERFORMANCE (%)**



#### HIGHLIGHTS

- Adjusted NAV increased by €63.5m to €1,124.2m
- Income and fair value gains of €126.3m driven by:
  - €113.5m from the Private Equity portfolio driven by increases in both comparable companies multiples and movements in the underlying companies earnings
  - €13.2m from the Derived Debt portfolio
  - €(0.4)m from Derived Equity mainly driven by two positions (Sinopharm & Just Group)
  - Offset by income of €5.2m, mainly interest income from the Derived Debt portfolio

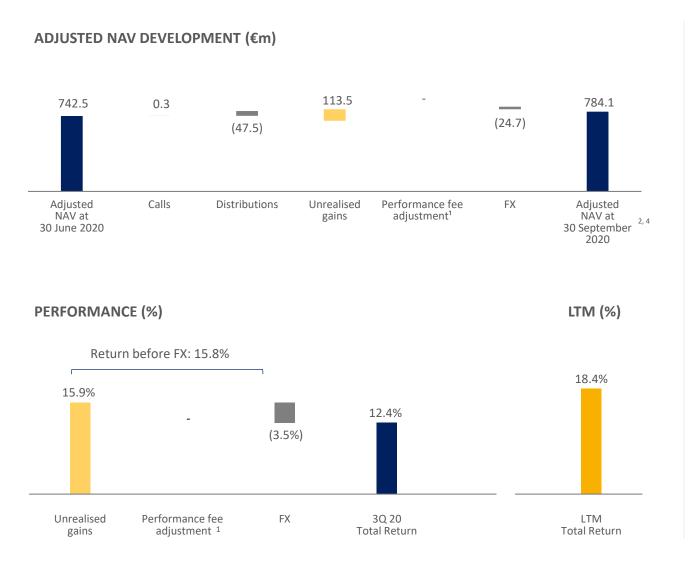
#### • Total NAV Return of 8.5%

LTM (%)

- Private Equity contributed 10.7% to Total NAV Return
- Derived Debt and Derived Equity contributed 1.2% and 0.0% respectively reflecting mark-tomarket movements of investments made
- Performance fee reserve is nil, i.e. NAV equals Adjusted NAV

### **Strong exits leading to value uplifts** Private Equity Adjusted NAV development and performance





#### HIGHLIGHTS

- Adjusted NAV increased by €41.6m to €784.1m:
  - Unrealised gains of €113.5m driven by an overall increase in portfolio companies' valuations with notable increase in Duck Creek following its listing during the quarter
  - Distributions of €47.5m from Apax VIII (€41.9m) in relation to Engineering and Duck Creek and AMI (€5.6m) following the listing of Max Stock during the quarter
  - Small call of €0.3m from AMI for fees in the quarter
- Largest absolute fair value gains:
  - Duck Creek (+€60.4m current NAV<sup>3</sup>: €96.5m)
  - Neuraxpharm (+€21.5m, current NAV<sup>3</sup>: €54.1m)
  - Max Stock (+€6.8m, current NAV<sup>3</sup>: €7.0m)

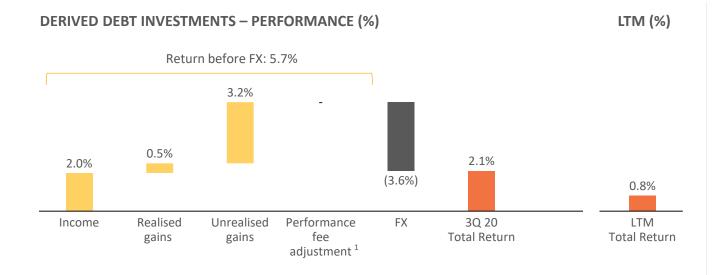
• Largest mark-downs:

- Vyaire (-€11.2m, current NAV<sup>3</sup>: €34.7m)
- Cole Haan (-€5.6m, current NAV<sup>3</sup>: €45.6m)
- Idealista (-€3.0, current NAV<sup>3</sup>: €55.1m)

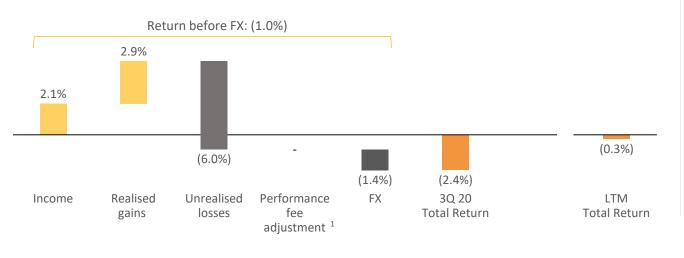
- 1. Performance fee adjustment accounting for the movement in the performance fee reserve at 30 September 2020
- 2. Includes AGA's exposure to carried interest holdings in AEVII and AEVI which were respectively valued at €20.5m and €3.6m at 30 September 2020
- 3. Current NAV represents AGA's gross indirect look-through NAV in the Apax Funds at 30 September 2020. Uplift of Max Stock includes proceeds received upon IPO during the quarter.
- 4. All underlying private equity funds were revalued as at 30 September 2020

## Solid performance of Derived Debt impacted by FX headwinds





#### **DERIVED EQUITY INVESTMENTS – PERFORMANCE (%)**



#### HIGHLIGHTS

#### DERIVED DEBT

- Income yield contributed 2.0% to Total Return
- Mark-to-market movements<sup>2</sup> were mainly positive. Largest increases were Syncsort (+€1.7m), Evercommerce (+€1.2m) and FullBeauty (+€1.1m)
- Small negative FX movements as 87% of Derived Debt portfolio is exposed to US dollar denominated debt

#### DERIVED EQUITY

LTM (%)

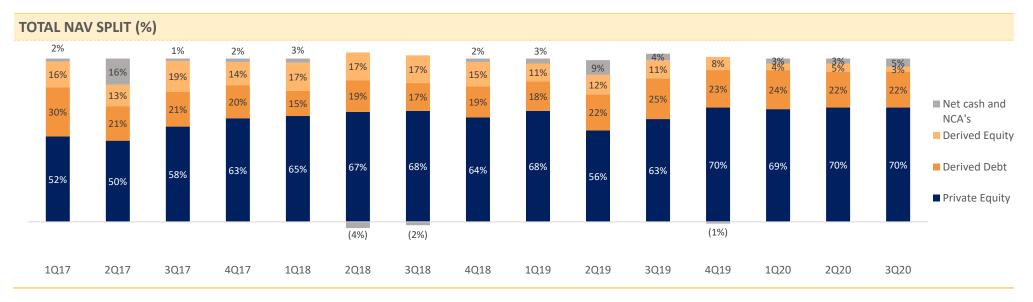
- Net realised gains €1.0m from the sale of Lonza Group
- Unrealised losses across most of the portfolio reflecting mark-to-market movements
- FX decrease largely driven by movement in sterling during the period

- 1. Performance fee adjustment accounting for the movement in the performance fee reserve at 30 September 2020. There was no movement in the period as reserve remained at nil for Derived Investments
- 2. Represents realised and unrealised movements only, excludes income earned and the impact of FX

## Key NAV highlights



ADJUSTED NAV DEVELOPMENT (€m)	Private Equity €m	Derived Investments €m	Cash €m	Treasury Shares €m	Facility drawn €m	Other €m	3Q20 Total €m
Adjusted NAV at 30 June 2020	742.5	281.5	33.8	-	-	2.9	1,060.7
+ Investments	0.3	13.6	(3.7)	-	-	(10.2)	-
- Distributions/ divestments	(47.5)	(18.1)	67.0	-	-	(1.4)	-
+ Interest and dividend income	-	-	6.8	-	-	(1.6)	5.2
+/- Unrealised gains/(losses)	113.5	5.4	-	-	-	-	118.9
+/- Realised gains/(losses)	-	2.2	-	-	-	-	2.2
+/- FX gains/(losses)	(24.7)	(8.9)	(0.7)	-	-	-	(34.3)
+/- Costs and other movements	-	-	(3.8)	-	-	1.8	(2.0)
- Dividends paid	-	-	(26.5)	-	-	_	(26.5)
+/- Performance fee reserve	-	-	-	-	-	-	_
+/- Treasury shares	-	-	-	-	-	-	-
+/- Revolving credit facility drawn/repaid	_	-	-		-	-	_
Adjusted NAV at 30 September 2020	784.1	275.7	72.9	-	-	(8.5)	1,124.2





	Total Return <sup>1</sup> (EUR)					Total Return1Return Attribution(Constant currency)														
	Private Equity	Derived Debt	Derived Equity	Private Equity	Derived Debt		Perform ance Fee	Other <sup>2</sup>	Total NAV Return		Private Equity	Derived Debt	Derived Equity	Private Equity	Derived Debt	Derived Equity	Perform ance fee	Other <sup>2</sup>	FX <sup>3</sup>	Tota NA\ Retu
1Q19	12.3%	4.8%	1.2%	7.9%	0.9%	0.1%	(0.0%)	(0.2%)	8.7%	1Q19	10.0%	2.5%	(1.5%)	6.4%	0.5%	(0.2%)	(0.0%)	(0.2%)	2.2%	8.7%
2Q19	7.1%	0.9%	(0.4%)	4.8%	0.2%	(0.0%)	(0.3%)	(0.2%)	4.4%	2Q19	8.0%	2.3%	0.8%	5.3%	0.5%	0.1%	(0.3%)	(0.2%)	(1.0%)	4.4%
3Q19	6.9%	6.0	(3.5%)	4.3%	1.4%	(0.4%)	(0.2%)	(0.2%)	4.9%	3Q19	4.8%	2.5%	(5.1%)	3.1%	0.6%	(0.6%)	(0.2%)	(0.3%)	2.3%	4.9%
4Q19	3.0%	1.8%	14.9%	2.5%	0.1%	1.3%	(0.5%)	0.0%	3.4%	4Q19	4.1%	3.7%	15.2%	3.2%	0.6%	1.3%	(0.5%)	0.0%	(1.2%)	3.4%
1Q20	(11.6%)	(7.7%)	(25.1%)	(8.0%)	(1.8%)	(1.8%)	0.0%	(0.3%)	(11.9%)	1Q20	(11.6%)	(8.6%)	(23.5%)	(7.9%)	(2.0%)	(1.7%)	0.0%	(0.2%)	(0.1%)	(11.9
2Q20	16.0%	7.0%	14.8%	11.1%	1.6%	0.7%	0.0%	(0.2%)	13.3%	2Q20	16.3%	8.4%	16.2%	11.4%	2.0%	0.8%	0.0%	(0.2%)	(0.6%)	13.3
3Q20	12.4%	2.1%	(2.4%)	8.4%	0.4%	(0.1%)	-	(0.3%)	8.5%	3Q20	15.9%	5.7%	(1.0%)	10.7%	1.2%	0.0%	0.0%	(0.2%)	(3.2%)	8.5%
2015	34.6%	10.5%	15.9%	10.9%	3.8%	2.0%	(1.6%)	(1.4%)	13.6%	2015	31.3%	1.8%	7.2%	9.8%	1.2%	1.1%	(1.6%)	(1.3%)	4.3%	13.6
2016	8.0%	8.0%	11 <b>.3</b> %	3.8%	2.7%	0.9%	(0.0%)	(0.9%)	6.6%	2016	5.9%	5.6%	1 <b>2.0</b> %	3.0%	<b>2.</b> 1%	1.0%	(0.0%)	(1.3%)	1.9%	6.6%
2017	3.3%	(2.0%)	24.2%	1.6%	(0.7%)	4.3%	(1.4%)	(1.7%)	2.2%	2017	10.0%	9.8%	35.7%	4.9%	2.1%	5.5%	(1.4%)	(1.0%)	(8.0%)	2.2%
2018	17.4%	4.5%	(17.6%)	10.1%	1.2%	(3.0%)	0.2%	(1.4%)	7.1%	2018	15.9%	0.3%	(17.4%)	9.2%	0.4%	(2.9%)	0.2%	(1.5%)	1.7%	7.1%
2019	33.9%	11.8%	9.1%	20.2%	2.7%	1.1%	(1.0%)	(0.3%)	22.7%	2019	31.7%	9.6%	5.5%	19.3%	2.2%	0.7%	(0.7%)	(1.0%)	(2.2%)	22.7
LTM Sep 20	18.4%	0.8%	(0.3%)	12.5%	0.2%	0.0%	(0.2%)	(1.0%)	11.5%	LTM Sep 20	23.2%	6.6%	4.0%	15.7%	1.6%	0.2%	(0.2%)	(0.7%)	(5.1%)	11.5

1. Total Return for each respective sub-portfolio has been calculated using the total gains or losses and dividing them by the sum of Adjusted NAV at the beginning of the period and the timeweighted net invested capital. The time-weighted net invested capital is the sum of investments made during the period less realised proceeds received during the period, both weighted by the number of days the capital was at work in the portfolio 22

2. Includes management fees, impact of FX on cash and other general costs

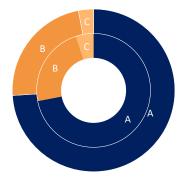
3. Includes the impact of FX movements on investments and FX on cash held during the period



PRIVATE EQUITY PORTFOLIO (LO	OOK-THROUGH BASIS)	- AGA'S INDIRECT	EXPOSURE		DE	RIVED INVESTMENTS PORTFO	OLIO				
	Geography	Sector	Valuation €m	% of NAV			Instrument	Geography	Sector	Valuation €m	% of NAV
1 Duck Creek Technologies	North America	Tech & Telco	96.5	9%	1	Paycor*	Preferred shares	North America	Tech & Telco	25.6	2%
2 Thoughtworks	North America	Tech & Telco	84.0	7%	2	ECi Software Solutions*	2L term loan	North America	Tech & Telco	21.3	2%
3 Idealista	Europe	Consumer	55.1	5%	3	Syncsort	2L term loan	North America	Tech & Telco	20.5	2%
4 Neuraxpharm	Europe	Healthcare	54.1	5%	4	Exact Software	2L term loan	Europe	Tech & Telco	19.7	2%
5 Cole Haan	North America	Consumer	45.6	4%	5	Rocket Software	2L term loan	North America	Tech & Telco	16.2	1%
6 Unilabs	Europe	Healthcare	44.8	4%	6	Quality Distribution*	2L term loan	North America	Services	15.4	1%
7 Paycor*	North America	Tech & Telco	39.3	3%	7	Vyaire Medical*	1L term loan	North America	Healthcare	15.3	1%
8 Eci Software Solutions*	North America	Tech & Telco	35.3	3%	8	PowerSchool	2L term loan	North America	Tech & Telco	12.7	1%
9 Vyaire Medical*	North America	Healthcare	34.7	3%	9	WCG	1L term loan	North America	Healthcare	12.7	1%
10 TradeMe*	Rest of world	Services	30.1	3%	10	AccentCare	1L term loan	North America	Healthcare	12.6	1%
11 Assured Partners (AIX)	North America	Services	28.9	3%	11	EverCommerce	1L term loan	North America	Tech & Telco	12.2	1%
12 Safetykleen Europe	United Kingdom	Services	22.5	2%	12	TradeMe*	2L term loan	Rest of World	Services	12.1	1%
13 Tosca Services	North America	Services	22.5	2%	13	Alexander Mann Solutions	1L term loan	United Kingdom	Services	10.8	1%
14 Wehkamp	Europe	Consumer	21.5	2%	14	PCI	1L term loan	North America	Healthcare	10.2	1%
15 Candela	North America	Healthcare	20.5	2%	15	Airtel Africa	Listed equity	Rest of World	Tech & Telco	9.6	1%
16 Authority Brands	North America	Services	20.2	2%	16	AmeriLife (2020)	2L term loan	North America	Services	9.2	1%
17 Genius Sports Group	United Kingdom	Tech & Telco	18.2	2%	17	Navicure	1L term loan	North America	Healthcare	8.3	1%
18 KAR Global	North America	Services	16.7	1%	18	Sinopharm	Listed equity	China	Healthcare	6.4	1%
19 TietoEVRY*	Europe	Tech & Telco	16.6	1%	19	Just Group	Listed equity	United Kingdom	Services	5.2	0%
20 Inmarsat	Europe	Tech & Telco	16.2	1%	20	Astra	1L term loan	North America	Tech & Telco	4.2	0%
21 Cadence Education	North America	Consumer	15.9	1%	21	Veritext	2L term loan	North America	Services	4.1	0%
22 InnovAge	North America	Healthcare	15.8	1%	22	Development Credit Bank	Listed equity	India	Services	3.4	0%
23 Boats Group	North America	Services	15.0	1%	23	TietoEVRY*	Listed equity	Europe	Tech & Telco	2.8	0%
24 Coalfire	North America	Tech & Telco	14.7	1%	24	Repco Home Finance	Listed equity	India	Services	2.5	0%
25 MatchesFashion	United Kingdom	Consumer	14.6	1%	25	Cengage Learning*	OTC equity	North America	Other	1.6	0%
26 Quality Distribution*	North America	Services	13.8	1%	26	Answers	Equity	North America	Services	0.4	0%
27 Baltic Classifieds Group	Europe	Consumer	13.5	1%	27	FullBeauty*	Equity	North America	Consumer	0.4	0%
28 Fractal Analytics	India	Tech & Telco	12.2	1%	28	Veritext	1L term loan	North America	Services	0.3	0%
29 ADCO Group	Europe	Services	10.6	1%							
30 Solita	Europe	Digital	10.5	1%							
Total top 30 - gross values			860.0	76%	То	tal				275.7	25%
Other investments			156.2	14%							
Carried interest			(129.2)	(11%)							
Capital call facilities and othe	er		(102.8)	(9%)							
Total Private Equity			784.1	70%	То	tal Derived Investments				275.7	25%

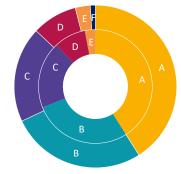


#### PORTFOLIO SPLIT BY ASSET TYPE



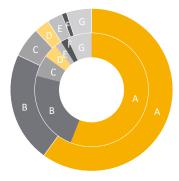
	Jun 20	Sep 20
A Private Equity	72%	74%
B Derived Debt	23%	23%
<b>C</b> Derived Equity	5%	3%

#### PORTFOLIO SPLIT BY SECTOR<sup>1</sup>



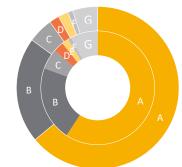
	Jun 20	Sep 20
Tech & Telco	41%	41%
Services	28%	27%
Healthcare	19%	19%
Consumer	9%	9%
Digital	3%	3%
Other	0%	1%
	Tech & Telco Services Healthcare Consumer Digital Other	Tech & Telco41%Services28%Healthcare19%Consumer9%Digital3%

#### PORTFOLIO SPLIT BY GEOGRAPHY



Jun 20	Sep 20
56%	60%
23%	22%
6%	6%
4%	3%
2%	3%
2%	1%
7%	5%
	56% 23% 6% 4% 2% 2%

#### PORTFOLIO SPLIT BY CURRENCY



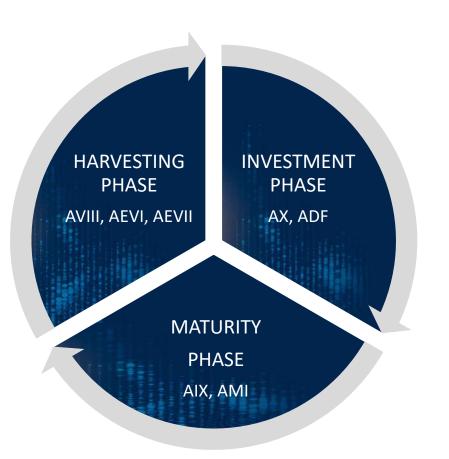
	Jun 20	Sep 20
A USD	61%	64%
<b>B</b> EUR	22%	21%
<b>C</b> GBP	6%	5%
<b>D</b> ILS	3%	2%
e inr	2%	2%
F HKD	1%	1%
<b>G</b> Other	5%	5%

Outer circle represents 30 September 2020, inner circle represents 30 June 2020

1. Percentages are % of AGA's invested portfolio at 30 September 2020 and 30 June 2020. The percentages of Services and Consumer been amended to reflect the reclassification of two online marketplace businesses (idealista and Baltics Classifieds Group) from "Consumer (excluding online market-places)" to "Services (including online marketplaces)" above

## AGA vintage diversification across the private equity lifecycle





#### **INVESTMENT PHASE**

("AX")	("ADF")
60.1	
€0.1m	€28.6m
€0.0m	€0.0m
0%	3%
2020	2017
€199.8m + \$225.0m	\$50.0m
20%	60%
TBC	\$1.1bn
	€0.0m 0% 2020 €199.8m + \$225.0m 20%

MATURITY PHASE		AMI
	Apax IX ("AIX")	Opportunities Fund ("AMI")
AGA NAV:	€435.4m	€21.8m
Distributions <sup>1</sup> :	€13.7m	€8.0m
% of AGA PE portfolio:	55%	3%
Vintage:	2016	2015
Commitment:	€154.5m + \$175.0m	\$30.0m
Invested and committed <sup>4</sup> :	89%	59%
Fund Size:	\$9.5bn	\$0.5bn

#### **HARVESTING PHASE**

	Apax VIII ("AVIII")	Apax Europe VII ("AEVII")	Apax Europe VI ("AEVI")
AGA NAV:	€263.8m	€29.1m <sup>2</sup>	€5.2m <sup>3</sup>
Distributions <sup>1</sup> :	€418.3m	€85.1m	€8.1m
% of AGA PE portfolio:	34%	4%	1%
Vintage:	2012	2007	2005
	€159.5m +		
Commitment:	\$218.3m	€86.5m	€10.6m
Invested and			
committed <sup>4</sup> :	108%	108%	107%
Fund Size:	\$7.5bn	€11.2bn	€4.3bn

- 1. Represents all distributions received by AGA since 15 June 2015
- 2. Includes AGA's exposure to AEVII as a limited partner, valued at €8.6m and through its carried interest holdings, valued at €20.5m. The carried interest holdings were acquired through a €10.5m investment in 2015 and €7.7m investment in April 2018
- 3. Includes AGA's exposure to AEVI as a limited partner, valued at €1.6m and through its carried interest holdings, valued at €3.6m. The carried interest holdings were acquired through a €3.4m investment in April 2018
- 4. Invested and committed figures for AX, AIX and AVIII are represented by the AX, AIX and AVIII euro tranches respectively



#### PORTFOLIO SPLIT BY SECTOR<sup>1</sup>

|--|

	Jun 20	Sep 20
A Tech & Telco	37%	38%
B Services	30%	28%
C Healthcare	16%	18%
D Consumer	12%	11%
E Digital	4%	4%
F Other	1%	1%

#### PORTFOLIO SPLIT BY GEOGRAPHY

			Jun 20	Sep 20
G	Α	North America	53%	57%
	В	Europe	26%	26%
	С	United Kingdom	5%	5%
	D	Israel	5%	4%
	Е	India	3%	3%
	F	China	1%	1%
	G	Rest of World	7%	4%

#### PORTFOLIO SPLIT BY CURRENCY

def G		Jun 20	Sep 20
C DE G	A USD	58%	61%
	<b>B</b> EUR	27%	25%
ВВА	C GBP	5%	5%
A	<b>D</b> ILS	3%	2%
	E INR	2%	2%
	F HKD	1%	0%
	G Other	5%	5%

#### PORTFOLIO SPLIT BY FUND EXPOSURE

		Jun 20	Sep 20
Α	AIX	51%	48%
В	AVIII	33%	35%
С	AEVII	3%	2%
D	AEVI	1%	1%
Ε	AMI	3%	2%
F	ADF	4%	4%
G	AX	5%	8%

#### PORTFOLIO SPLIT BY PRIVATE EQUITY VINTAGE

GA		Jun 20	Sep 20
F G A B	A 2005-2014	8%	7%
В	<b>B</b> 2015	12%	12%
	<b>C</b> 2016	18%	20%
C	<b>D</b> 2017	30%	28%
D	E 2018	11%	10%
D	<b>F</b> 2019	15%	14%
	<b>G</b> 2020	6%	9%

Outer circle represents 30 September 2020, inner circle represents 30 June 2020

Note: Calculated based on gross Private Equity values prior to adjustments for carried interest, capital call facilities, cash and other

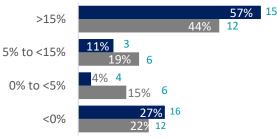
1. The percentages of Services and Consumer been amended to reflect the reclassification of two online market-place businesses (idealista and Baltics Classifieds Group) from "Consumer (excluding online market-places)" to "Services (including online marketplaces)" above



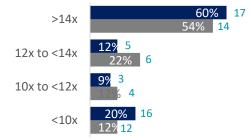
#### **PORTFOLIO YEAR-OVER-YEAR LTM REVENUE GROWTH<sup>1</sup>:** September 2020: 10.4% VS JUNE 2020: 11.0%



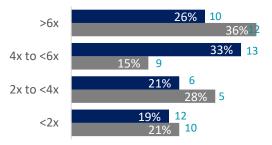
#### **PORTFOLIO YEAR-OVER-YEAR LTM EBITDA GROWTH<sup>1</sup>:** SEPTEMBER 2020: 17.8% VS JUNE 2020: 16.0%



#### **ENTERPRISE VALUE / EBITDA VALUATION MULTIPLE<sup>1</sup>:** SEPTEMBER 2020: 17.8x VS JUNE 2020: 17.0x



#### **NET DEBT / EBITDA MULTIPLE<sup>1</sup>:** SEPTEMBER 2020: 4.1x VS JUNE 2020: 4.2x



#### HIGHLIGHTS

- LTM revenue growth remains strong at 10.4% on average. Adjusting for M&A, revenue growth was 5.1% in LTM to September 2020 compared to 4.4% in LTM to June 2020
- LTM EBITDA growth remaining strong at 17.8%. Excluding the impact of M&A, LTM EBITDA growth was 12.3% to September 2020 compared to 11.9% in LTM to June 2020
- The weighted average valuation multiple increased from 17.0x LTM EBITDA to 17.8x LTM EBITDA, reflecting a fall in valuation multiples used to value the Private Equity portfolio
- The weighted average leverage of portfolio companies remained consistent at 4.1x LTM EBITDA

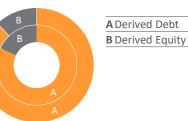
September 2020June 2020

Number of investments within the associated band

## Note: These operational metrics represent a snapshot of the portfolio as at period end, hence they do not capture the performance of exited investments in the reporting period Gross Asset Value weighted average of the respective metric across the portfolio. At June 2020 and September 2020, 24 and 24 investments were respectively excluded for companies where EBITDA is not meaningful such as financial services or high growth business with fluctuations in EBITDA. Huayue Education and TietoEVRY are also excluded due to the unavailability of reported data. Net debt/EBITDA multiple and EV/EBITDA valuation multiple excluded companies where EBITDA is not meaningful such as financial services or high growth business valued on a revenue basis. MATCHESFASHION.COM is excluded due to low EBITDA from opex investments and short-term fluctuations in EBITDA



#### PORTFOLIO SPLIT BY ASSET TYPE



## Jun 20 Sep 20 Derived Debt 82% 88% Derived Equity 18% 12%

#### PORTFOLIO SPLIT BY SECTOR



	Jun 20	Sep 20
ATech & Telco	52%	53%
<b>B</b> Services	21%	22%
<b>C</b> Healthcare	26%	24%
<b>D</b> Consumer	0%	0%
E Other	1%	1%

#### DERIVED DEBT CATEGORIES

#### Jun 20 Sep 20

36%

53% 11%

A First lien term loan	33%
B Second lien term loan	56%
C Preferred shares	11%
	B Second lien term loan

#### PORTFOLIO SPLIT BY CURRENCY

BAAA
------

AUSD	72%	78%
<b>B</b> EUR	8%	9%
<b>C</b> GBP	6%	5%
DINR	2%	2%
E HKD	3%	2%
F Other	10%	4%

Jun 20 Sep 20

## PORTFOLIO SPLIT BY GEOGRAPHY

A F	A North A
	<b>B</b> Europe
	C United
В	<b>D</b> India
A	E China
A	F Rest of

	Jun 20	Sep 20
North America	68%	74%
Europe	14%	8%
United Kingdom	6%	6%
India	2%	2%
China	3%	2%
Rest of World	7%	8%

-----

~~

#### **DERIVED DEBT TYPE**

ВС	A USD F
вС	<b>B</b> EUR F
	<b>C</b> NZD F
A	
A	

Jun	20	Sep	20
-----	----	-----	----

AUSD Floating	86%	87%
<b>B</b> EUR Floating	9%	8%
C NZD Floating	5%	5%

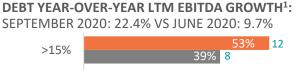
#### **DERIVED DEBT BY MATURITY**

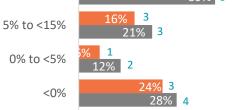


		Jun 20	Sep 20
Α	2023	7%	6%
В	2024	11%	11%
С	2025	28%	27%
D	2026	43%	40%
Е	2027	8%	12%
F	2028	3%	4%



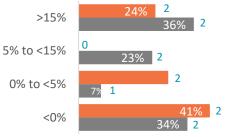
#### **DERIVED DEBT**





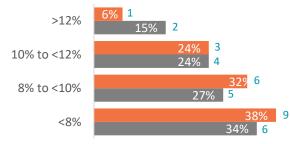
#### **DERIVED EQUITY**

EQUITY YEAR-OVER-YEAR LTM EARNINGS GROWTH<sup>2</sup>: SEPTEMBER 2020: 5.2% VS JUNE 2020: 7.0%

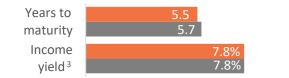


#### DEBT YTM<sup>1</sup>:

SEPTEMBER 2020: 8.8% VS JUNE 2020: 9.2%

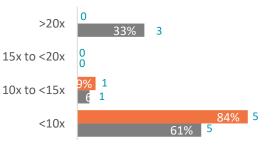


#### ADDITIONAL DEBT STATISTICS: AVERAGE ACROSS THE PORTFOLIO



#### EQUITY P/E RATIO<sup>2</sup>:

SEPTEMBER 2020: 7.8X VS JUNE 2020: 20.8X



## September 2020 June 2020 Number of investments within the associated band

#### **HIGHLIGHTS**

#### **DERIVED DEBT**

- Operational performance in the Derived Debt portfolio, measured by LTM EBITDA growth<sup>1</sup>, has risen from 9.7% to 22.4%, partially due to the recovery of the economy coming out of Covid-19
- Debt income yield remained the same at 7.8% due to central banks keeping the interest rates consistent

#### **DERIVED EQUITY**

- Average LTM earnings growth<sup>2</sup> in the Derived Equity portfolio fell from 7.0% to 5.2%
- The average price-to-earnings multiple<sup>2</sup> for the Derived Equity portfolio decreased to 7.8x

Note: These operational metrics represent a snapshot of the portfolio as at period end, hence they do not capture the performance of exited investments in the reporting period

1. Gross Asset Value weighted average of the respective metric across the Derived Debt portfolio. (FullBeauty was excluded from LTM EBITDA growth)

2. Gross Asset Value weighted average of the respective metric across the Derived Equity portfolio. (Answers, FullBeauty and Cengage were excluded from both LTM earnings growth and P/E ratio)

3. Gross Asset Value weighted average of the current full year income (annual coupon/clean price as at the respective date) for each debt position in the Derived Debt portfolio as at the respective date



#### **PERFORMANCE BY VINTAGE** (CONSTANT CURRENCY) YTD SEP **YEAR INVESTED** 2013 2014 2015 2016 2017 2018 2019 2020 Invested (€m) 41 166 213 84 125 111 101 27 ALL DEALS Gross IRR (9.5%) 0.7% (constant 5.8% 5.6% 16.2% 12.9% 7.9% 8.0% currency) Standard 68.1% 19.1% 17.3% 8.3% 4.3% 4.6% 3.7% 22.9% Deviation



Note – for periods prior to 15 June 2015, these assets were invested by AGA's predecessor, the PCV Group. All Gross IRR's calculated based on daily cashflows. Derived Debt investment approach was refined in 2016 and these changes were reflected in investments from this period onwards nm = not meaningful

1. Concurrent Gross IRR for all Derived Debt investments since inception calculated based on daily cashflows was 10.1%

## **Financial calendar and contact details**



#### **CONTACT DETAILS**

• If you would like to learn more about AGA, please get in touch and we would be happy to arrange a call or meeting with you.

Katarina Sallerfors INVESTOR RELATIONS - AGA Tel: +44 207 666 6526 investor.relations@apaxglobalalpha.com www.apaxglobalalpha.com

Linked in www.linkedin.com/company/apaxglobalalpha

#### **ENDNOTES**

#### References to "Apax Funds"

Private Equity Funds advised by Apax Partners LLP to which AGA is committed are Apax X - consisting of a euro tranche ("AX – EUR") and a US dollar tranche ("AX – USD"), Apax IX - consisting of a euro tranche ("AIX – EUR") and a US dollar tranche ("AIX – USD"), Apax Digital Fund ("ADF"), AMI Opportunities Fund ("AMI"), Apax VIII ("AVIII") – consisting of a euro tranche ("AVIII – EUR") and a US dollar tranche ("AVIII – USD"), Apax Europe VII ("AEVII") and Apax Europe VI ("AEVI"). In addition, reference is made to the Apax Buyout Funds which includes AX, AIX, AVIII, AEVII, Apax US VII, L.P. ("USVII"), AEVI and Apax Europe V ("AEV"). Please note that throughout this presentation both the funds full name and abbreviated forms are used interchangeably.

Information with Respect to AGA Performance including Gross IRRs, Net IRRs and MOICs

"Gross IRR" as used throughout this Presentation, and unless otherwise indicated, means an aggregate, annual, compound, gross internal rate of return calculated on the basis of cash receipts and payments together with the valuation of unrealised investments at the measurement date. Foreign currency cash flows have been converted at the exchange rates applicable at the date of receipt or payment by the relevant entity.

For the Company's Private Equity Investments, Gross IRR is net of fees and carried interest paid to the underlying investment manager and/or general partner of the relevant fund. For Derived Investments, Gross IRR does not reflect expenses to be borne by the relevant investment vehicle or its investors including, without limitation, performance fees, management fees, taxes and organisational, partnership or transaction expenses. "Net IRR" means Gross IRR less any expenses borne by the relevant investment vehicle or its investors including, without limitation, carried interest, management fees, taxes and organisational or transaction expenses. Please note that Multiples of Invested Capital ("MOICs) are presented in this Presentation on the basis indicated.

In certain instances, the Gross IRR shown is a concurrent IRR, meaning a gross annual IRR, calculated as if the first cash flow associated with all investments started in the same month.

