# FY22 Results Presentation

Managed by Jupiter Investment Management Limited

Richard Watts Co-Manager Nick Williamson Co-Manager

For professional investors in the UK only



February 2023

## **Important information**

This document has been prepared for information purposes only by Jupiter Investment Management Limited ("**Investment Manager**") on behalf of Chrysalis Investments Limited (the "**Company**") and may not be used in making any investment decision. This document should not be construed as a prospectus or offering document and investors should not subscribe for any shares in the Company on the basis of the information in this document. Copies of the prospectus published by the Company are available from http://chrysalisinvestments.co.uk/.

This document is an advertisement and not a prospectus and is strictly confidential, may not be distributed to the press or any other person, may not be reproduced in any form and may not be published, in whole or in part, for any purpose. Failure to comply with this restriction may constitute a violation of applicable securities laws. Nothing in this document constitutes investment advice and any recommendations that may be contained herein have not been based upon a consideration of the investment objectives, financial situation or particular needs of any specific recipient.

This document contains only summary information and is incomplete. The information and opinions contained in this document are provided as at the date of the document and are subject to change and no representation or warranty, express or implied, is or will be made in relation to the accuracy or completeness of the information contained herein and, save in the case of fraud, no responsibility, obligation or liability (whether direct or indirect, in contract, tort or otherwise) is or will be accepted by Liberum Capital Limited ("Liberum"), Numis Securities Limited ("Numis"), the Investment Manager or the Company or by any of their respective directors, partners, officers, employees or advisers ("Affiliates") in relation thereto.

All projections, estimations, target returns and the like in this document are illustrative exercises involving significant elements of judgement and analysis and using the assumptions described herein, which assumptions, judgements and analyses may or may not prove to be correct. The actual outcome may be materially affected by changes in, for example, economic and/or other circumstances. Each of Liberum, Numis, the Investment Manager, the Company and their respective Affiliates expressly disclaims any and all liability which may be based thereon. In particular, no representation or warranty is given as to the achievement or reasonableness of future projections, estimates, or target returns, if any. Any views contained herein are based on financial, economic, market and other conditions prevailing as of the date of this document. The information contained in this document will not be updated.

This document may not be published, distributed or transmitted by any means or media, directly or indirectly, in whole or in part, in or into the United States. This document does not constitute an offer to sell, or a solicitation of an offer to buy, securities in the United States. The securities mentioned herein have not been, and will not be, registered under the U.S. Securities Act of 1933, as amended (the "**US Securities Act**") or with any securities regulatory authority of any state or other jurisdiction of the United States and will not be offered, sold, exercised, resold, transferred or delivered, directly or indirectly, in or into the United States or to, or for the account or benefit of, any US person (as defined under Regulation S under the US Securities Act). The Company has not been, and will not be, registered under the U.S. Investment Company Act of 1940, as amended.

Neither this document nor any copy of it may be taken or transmitted into or distributed in any member state of the European Economic Area, Australia, Canada, Japan or the Republic of South Africa or to any resident thereof. Any failure to comply with these restrictions may constitute a violation of the securities laws or the laws of any such jurisdiction. The distribution of this document in other jurisdictions may be restricted by law and the persons into whose possession this document comes should inform themselves about, and observe, any such restrictions.

This document is only being distributed to, and is only directed at:

(a) persons in the United Kingdom that are "qualified investors" within the meaning of the UK version of Regulation (EU) 2017/1129 and are (ii) persons who have professional experience in matters relating to investments, i.e. investment professionals within the meaning of Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended (the "FPO"); or (iii) high net-worth companies, unincorporated associations and other bodies within the meaning of Article 49 of the FPO; and

(b) persons who it may otherwise lawfully be communicated,

(all such persons in (a) and (b) together being referred to as "**relevant persons**"). The investment or investment activity to which this document relates is available only to relevant persons and will be engaged in only with such persons. Persons who fall outside category (a) above must check that they fall within category (b). If they do not, they may not receive this document or attend any meeting relating to its content. Any person who does not fall within category (a) above may not rely on or act upon the matters communicated in this document. Any person falling outside category (a) who has received this document must return it immediately.

Each of Numis and Liberum, which are authorised and regulated by the Financial Conduct Authority in the United Kingdom, are acting only for the Company in connection with the matters described in this document and are not acting for or advising any other person, or treating any other person as their client, in relation thereto and will not be responsible for providing the regulatory protection afforded to clients of Numis or Liberum or advice to any other person in relation to the matters contained herein. Neither Numis, Liberum nor any of their directors, officers, employees, advisers or agents accept any responsibility or liability whatsoever for this document, its contents or otherwise in connection with it or any other information relating to the Company, whether written, oral or in a visual or electronic format.

By accepting this document you agree to be bound by the foregoing provisions, limitations and conditions and, in particular, you have represented, warranted and undertaken that you have read and agree to comply with the contents of this notice including without limitation the obligation to keep the information given at the presentation and in this document and its contents confidential.

This document includes statements that are, or may be deemed to be, "forward-looking statements". These forward-looking statements can be identified by the use of forward-looking terminology, including the terms "believes", "estimates", "anticipates", "expects", "intends", "may", "will", or "should" or, in each case, their negative or other variations or comparable terminology. These forward-looking statements relate to matters that are not historical facts regarding the Company's investment strategy, financing strategies, investment performance, results of operations, financial condition, prospects and dividend policies of the Company and the instruments in which it will invest. By their nature, forward-looking statements are not guarantees of future performance. There are a number of factors that could cause actual results and developments to differ materially from those expressed or implied by these forward-looking statements. These factors include, but are not limited to, changes in general market conditions, legislative or regulatory changes, changes in taxation regimes or development planning regimes, the Company's ability to invest its cash in suitable investments on a timely basis and the availability and cost of capital for future investments.

The Company and the Investment Manager expressly disclaims any obligation or undertaking to update or revise any forward-looking statements contained herein to reflect actual results or any change in the assumptions, conditions or circumstances on which any such statements are based unless required to do so by FSMA, the Listing Rules, the Prospectus Regulation Rules, the UK version of the Market Abuse Regulation (2014/596/EU) or the Financial Conduct Authority or other applicable laws, regulations or rules.



## **Chrysalis Investments**

Accessing innovative and disruptive private companies

# Welcome to investing in the 21st century digital economy.

Investment Advisor is one of Europe's leading crossover investors

Unparalleled insight into public and private markets

Embedded knowledge and sector expertise; access to some of the most innovative and disruptive companies

**Global reach and ecosystem** 

Significant opportunity to drive outsized returns



# **Chrysalis Investments**

FY22 highlights and Q1 NAV update

147.79P – 2022 NAVPS DECLINE OF 41%	£108M OF REALISATIONS
104p decline largely driven by Klarna (58p) and listed assets (32p) with a relatively stable performance across remaining assets	Including realised proceeds of £57m from Embark Group generating a 2.1x return
67% OF ASSETS FUNDED TO PROFITABILITY	£78M OF AVAILABLE LIQUIDITY
A further 13% have a cash runway of approximately two-years (based on Dec-22 weightings)	£78m of liquidity as at 30 January. Approximately £20m required for follow-on investment

## A high quality portfolio that is well-funded and conservatively valued versus listed peers



£80.3M OF CAPITAL DEPLOYED

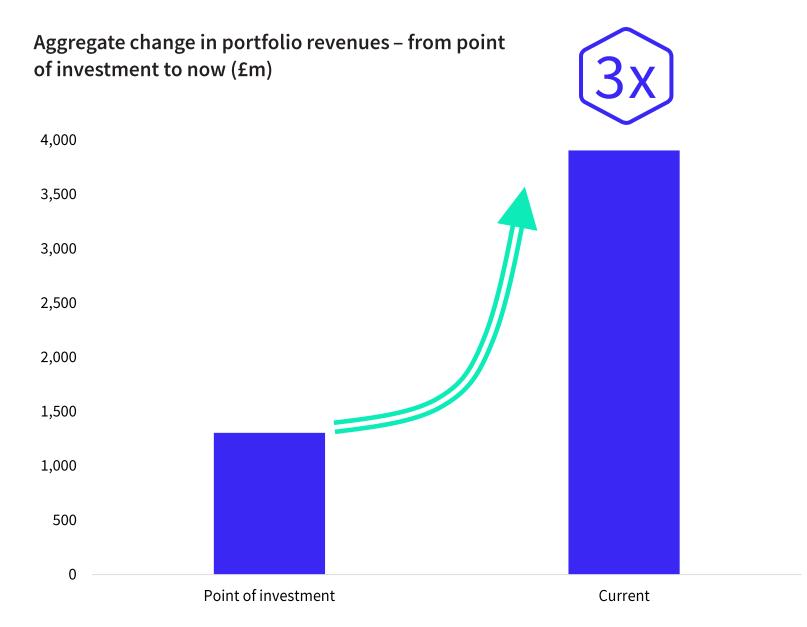
nsuring portfolio companies are well-funded and able to continue growing rapidly

128.26P - Q1 2023 NAV

have a portfolio that is attractively valued versus isted peers, particularly given its rate of growth

# **Chrysalis blueprint**

We see rapid growth as a key driver of NAV progression



Source: Jupiter Asset Management.

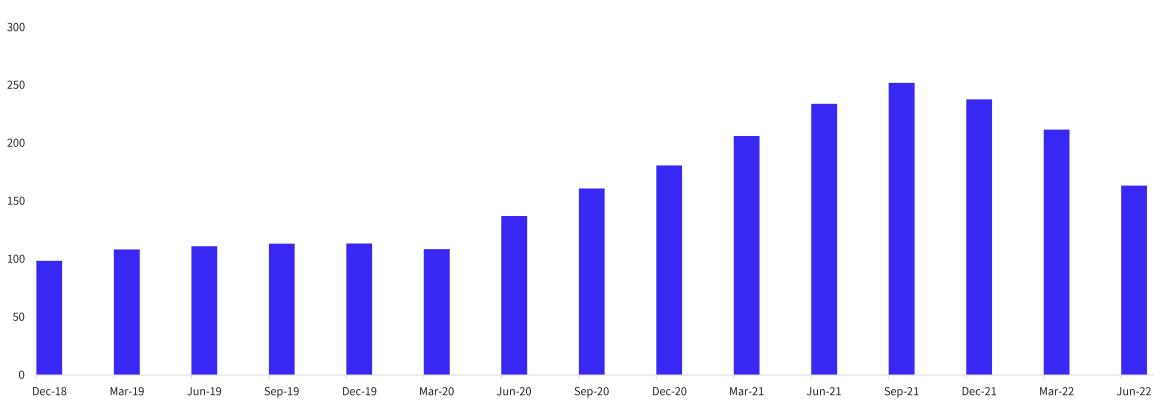
## Our core purpose remains unchanged, and our key assets continue to thrive





# NAV progression since IPO

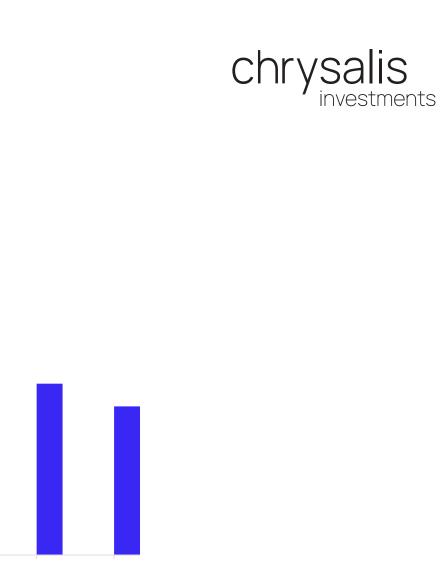
Recent NAV performance driven by a derating of listed peers



Quarterly NAV per share performance since IPO

Source: Chrysalis Investments, to December 2022

- The NAV per share declined by 41% through FY22 with Klarna and listed assets accounting for most of the decline (87%)
- K This compares against the NASDAQ which declined by 27% and the GS Non-Profitable Tech Index which declined by 62%
- Sour Q1 NAV declined by a further 13%. Much of this was driven by a change in valuation methodology (shifting away from PoRI) and FX
- A significant derating in listed assets such as Crowdstrike (-41%), Zscaler (-21%), Rapid7 (-51%) and Affirm (-57%) in Q4 negatively impacted the valuation of assets such as Deep Instinct, Featurespace and Klarna



## of the decline (87%) nich declined by 62% gy (shifting away from PoRI) and Affirm (-57%) in O4 negatively

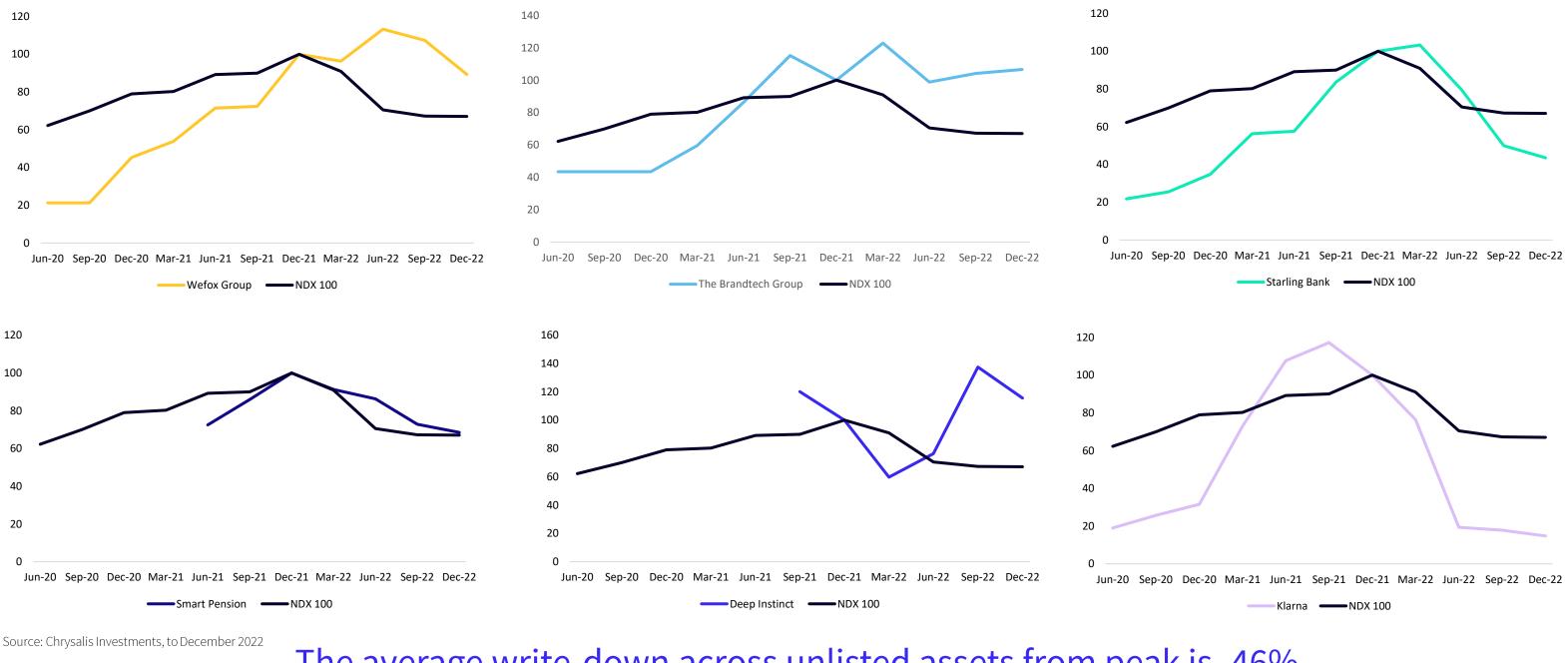
Dec-22

Sep-22

# Valuation progression of key assets

The carrying value of our assets fairly reflects the derating of equity markets and listed peers

Valuation progression for Top 6 assets versus NASDAQ 100 (benchmarked at December 2021)



Source: Chrysalis Investments, to December 2022

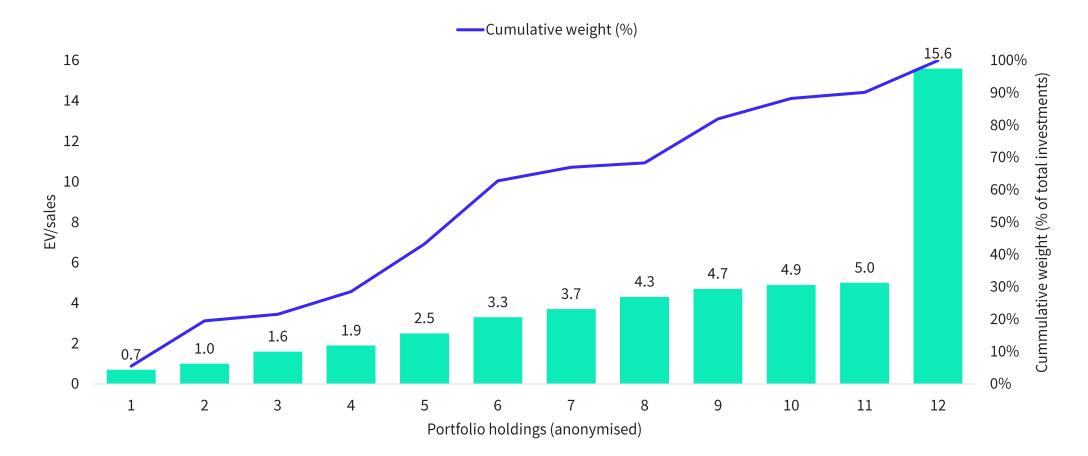
The average write-down across unlisted assets from peak is -46%



# Valuation distribution

Most of our companies are now valued at a material discount to NASDAQ

Chrysalis - valuation distribution by holding\*



Source: Jupiter Investment Management Limited

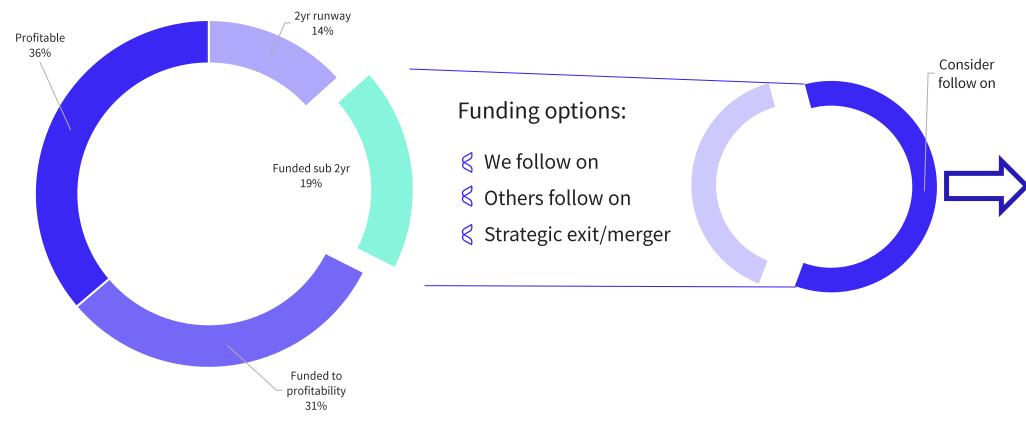
# Over 90% of the portfolio is valued more cheaply than **NASDAQ**

🗧 11 of our assets now trade at a discount to NASDAQ

- 8 The portfolio trades on 4.2x<sup>\*</sup>1 year forward EV/sales versus NASDAQ on 5.5x 1 year forward EV/Sales
- NASDAQ generates c7% growth with R our portfolio companies growing in excess of 50%
- Outside of asset 12, the portfolio 8 trade on 3.1x\* 1 year forward EV/Sales
- R The one asset trading on 15.6x EV/Sales is demonstrating exceptional growth and recently completed a funding round. It is also typically valued on ARR not Sales

# Profitability

Our portfolio companies are generally well-funded and are driving towards profitability



#### Chrysalis – Funding status of the portfolio (% of investable assets)

Source: Jupiter Asset Management

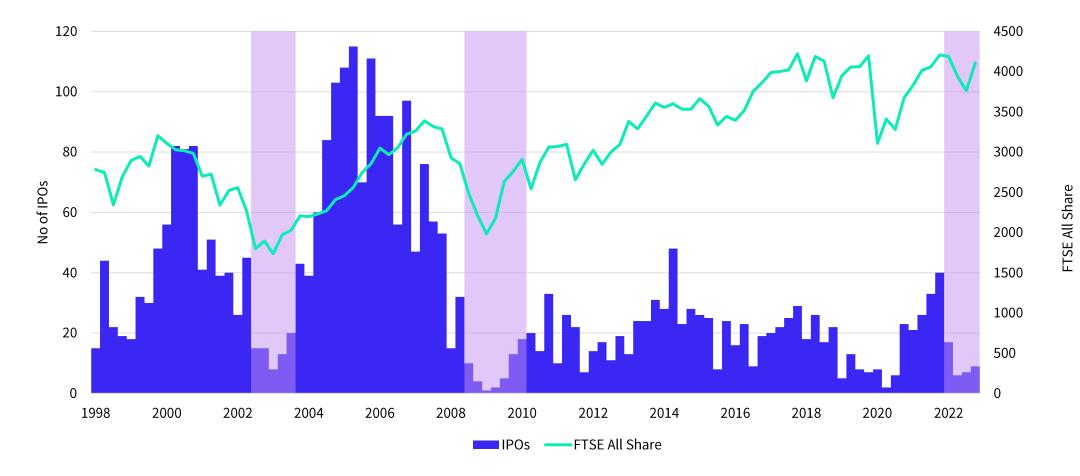
# Our expected future commitments are approximately £20m

- B
- Approximately 1/3 of our portfolio is already profitable, led by names such as Starling and Brandtech
- 𝔅 We believe, approximately 1/3rd of the portfolio is now funded to profitability, including Klarna
- Only ~19% of the portfolio has less than 2 years' funding and will require further capital to support its development

# When will the IPO market reopen?

Liquidity would be game changing

IPOs by quarter and All Share Index



Source: LSE, Bloomberg & Jupiter Asset Management

The IPO market reopening could be very beneficial to our liquidity profile, but it's not the only exit route

- In recent periods of market dislocation,
   IPO activity has suffered for 5-7
   quarters.
- Anecdotally, we believe these
   bottlenecks often create a backlog of
   IPOs, both in terms of numbers, and
   often quality
- Currently we are part way through the
   5th quarter of low issuance in this
   cycle
- Given the recent rally in equity markets, some later-stage assets have an IPO back on their board agendas

ESG

Substantial progress made in assessing our companies' ESG progress



Influence private companies to disclose emissions and align with the goal of net zero by 2050

Encourage founders to foster a healthy corporate culture within a talented and diverse workforce

Lay the foundations for future growth by creating appropriate corporate governance structures

- 41% of NAV has calculated Scope 1&2 GHG
   emissions
  - 37% of NAV has committed to net zero
  - 48% of NAV has an independent chair
  - 19% of NAV has a female CEO

8

8

8

8

- Women account for 24% of senior roles across our portfolio companies
- Contain much more detailed ESG information

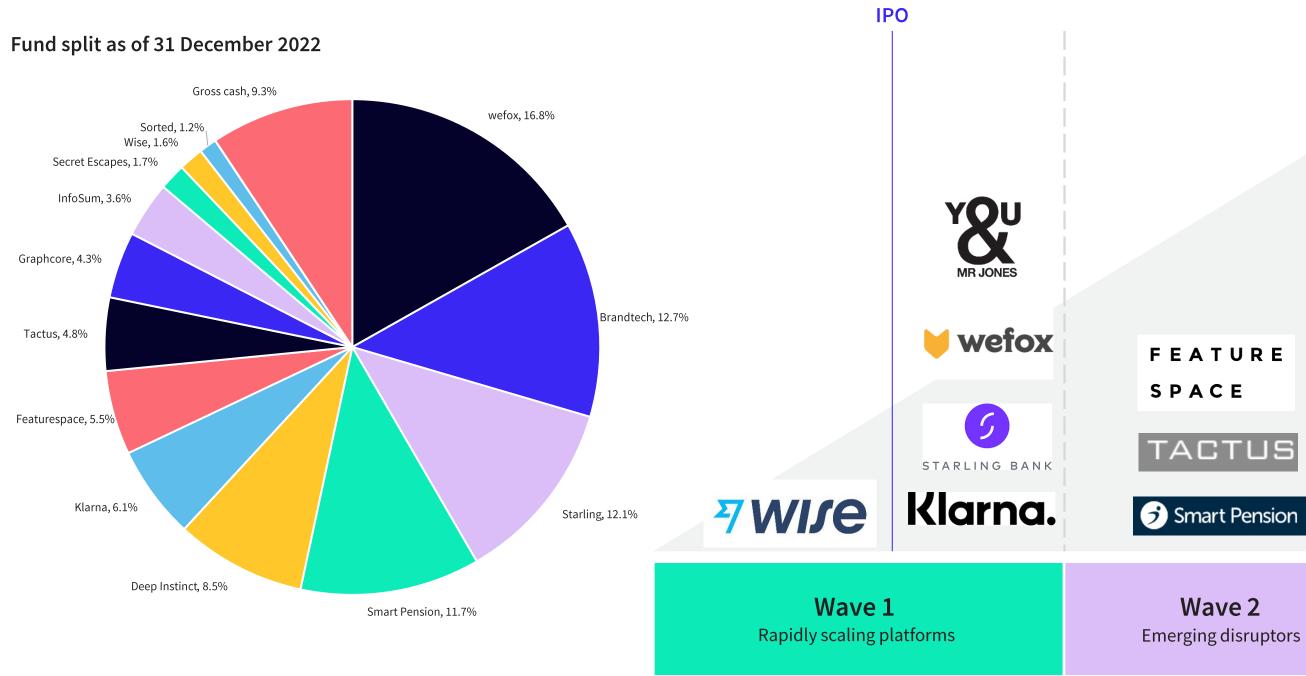
## Portfolio and Company Section

XXXXXX

# 

# Portfolio composition and stage

### Strong future IPO contenders



Source: Chrysalis Investments. Holding sizes, as of 31 December 2022. Due to rounding the figures may not add up to 100%. Holdings examples are not a recommendation to buy or sell.









GRAFHCORE

#### secret escapes

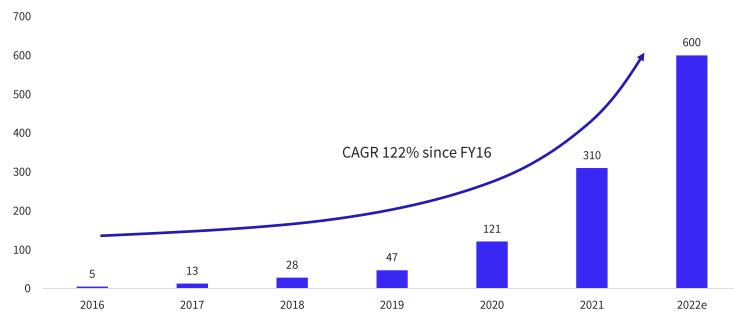
Wave 3 Approaching scale

# Wefox

## Multiple avenues for growth

#### Key highlights and update

- ✓ Wefox has grown rapidly since we first invested in 2019 generating a CAGR of 122%. The CAGR comprises strong organic growth, typically 40-75% per annum, and selective M&A
- K The company has grown rapidly by expanding into new territories such as, Italy, Spain and Poland and by launching new insurance products such as short-term absence, dental and motor. Wefox has been able to successfully expand into new territories and product categories through its indirect model, this involves wefox acquiring distribution capabilities and harnessing data
- Suring the financial period, wefox closed another successful funding round. The company raised €400m at a valuation of €4.5bn and used the proceeds of the round to acquire a distribution in another new territories, Netherlands
- Going forwards, wefox will be increasingly focused on profitability. We believe that the business can continue to growing at 30-40% organically in the medium-term while being EBITDA and cashflow positive within the next twelve months.



#### Revenue progression since inception (€m)

Source: wefox, Jupiter Asset Management

## Exceptional organic growth with substantial M&A opportunities





2019

### 2022

# \$600m

## 2022 revenue target

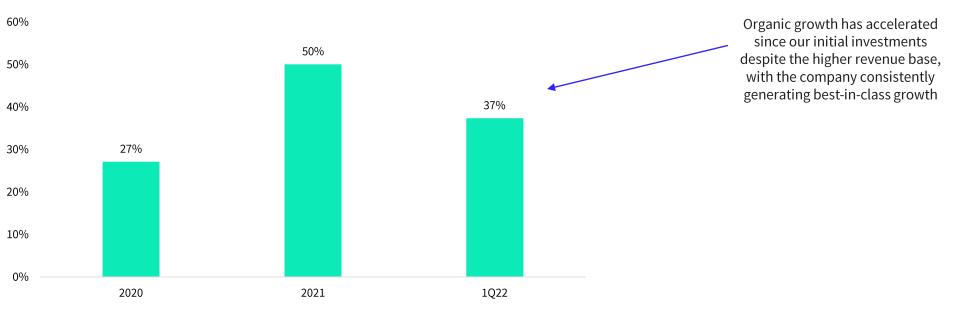
Largest and most valuable Insurtech globally

# **Brandtech**

### Sub 1% of share of a massive market

#### Key highlights and update

- Since we invested in the business in H2 2020, organic revenue growth has accelerated materially,. This has been driven by new account wins but very strong net revenue retention across the existing customer base. We expect the medium-term rate of organic growth to be >20%
- Organic growth has been bolstered by M&A and the company recently disclosed that it has entered exclusive negotiations to potentially acquire Jellyfish, a performance and digital market agency
- Kerical Content of the market and the most profitable segment to operate in. In April 2021, Brandtech hired former Mindshare Global CEO Nick Emery to run this division
- K There is a clear roadmap to generating in excess of \$1bn revenues in the near term and we believe that the business can generate a 20%+ EBITDA margin in the medium



#### Organic revenue growth since point of investment

Source: The Brandtech Group, Jupiter Asset Management

## High organic growth, profitable, and with M&A opportunities



# **>\$500m** 2021 revenues

50%

## organic growth

# Profitable

# **C. \$640bn** Industry market size

# **Starling Bank**

### A standout performer

#### Key highlights and update

- Starling has been a standout performer for us and the current level of PBT is greater than the level of deposits at the point of investment at £250m
- Starling now has 3.4m customer accounts open. This includes 520k SME accounts which implies a BCA share of almost 9%
- In December, the company announced annualized PBT of over £250m off the back of almost £600m of annualised revenue. The bank expects to more than quadruple PBT in its FY23 annual results
- The lending portfolio is currently at £4.7bn and continues to grow. More than £3.1bn of lending now sits within residential and owneroccupied mortgage books. Fleet, the buy-to-let mortgage specialist that Starling acquired in 2021, completed £1.2bn of mortgages in 2022 which represents a growth rate of +58% year-on-year

#### KPI progression since the point of investment

	Nov-18	Jun-22	Dec-22
Customers (000s)	356	3,000	3,400
Lending (£m)	9	4,033	4,700
Deposits (£m)	202	9,628	10,700
Revenue (£m)	1	331	c600
PBT (£m)	-27	92	>250
PCA share	0.4%	2.5%	n/a
BCA share	0.3%	8.4%	8.9%

Source: Starling Bank, Jupiter Asset Management

## The UKs fastest growing and most profitable digital bank

## chrysalis investments



#### **BEST BRITISH BANK**



2018, 2019, 2020 & 2021





Ganking Brand of the

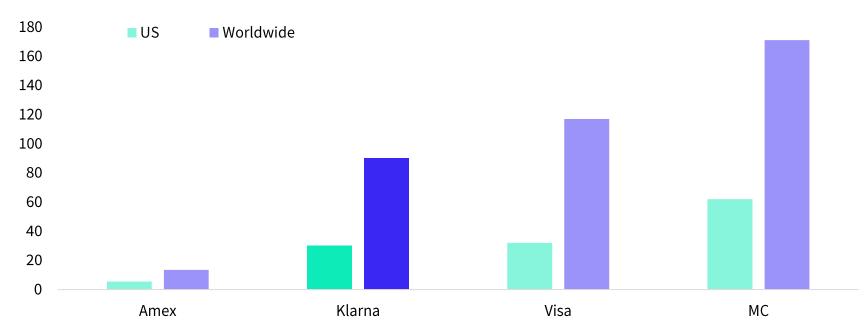
# Klarna

## Establishing US leadership and rapidly driving towards profitability

#### Key highlights and update

- Klarna continues to perform well and generated +22% revenue and GMV growth against a flat-to-declining global ecommerce market through Q3, we view this as a particular good outturn
- Extremely strong progress has been made in the US since our initial investment and in December, the US represented Klarna's largest market for the first time ever. US GMV has grown by over 90% YTD which is faster than any of its US listed peers
- K The roadmap to profitability is clear and Klarna are on track to reach this milestone in Q3 2023. Operating losses improved by \$169m through Q3 quarter-on-quarter which is a tremendous improvement considering this includes restructuring charges
- S We stated last year that we did not envisage a material increase in impairment and this has been proven. Credit losses improved by 10bps (to 70 bps) in Q3 with US credit losses improving by 30%

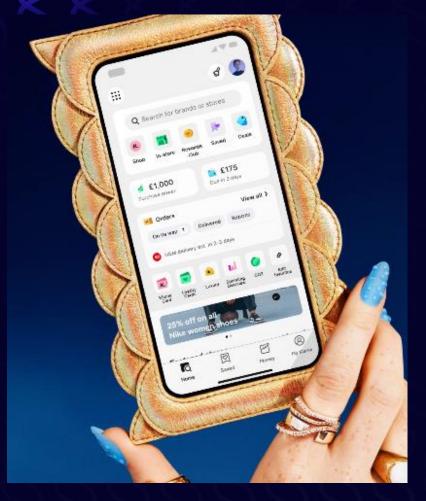
#### Net user adds Dec-18 to Jun-22 (millions)\*



Source: Companies & Jupiter Asset Management.<sup>#</sup> Defined as credit cards in force for card networks.

## Fantastic progress has been made over the last twelve months

## chrysalis investments



Key app functionality was launched in Q4 integrating recent acquisitions

8

8

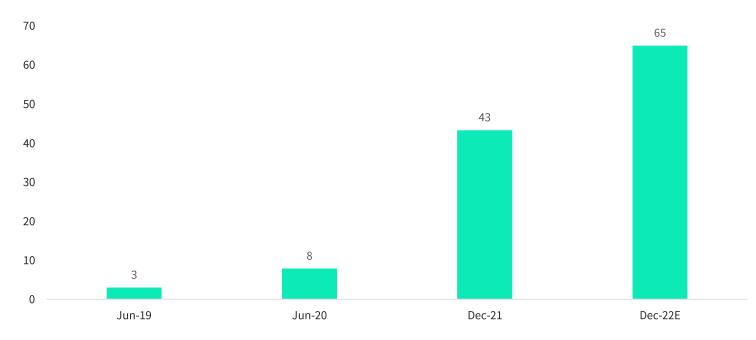
Customers can now compare prices across thousands of retailers and apply discount codes

# **Smart Pension**

## The only cloud-based platform looking to serve multiple jurisdictions globally

#### Key highlights and update

- Smart has made good progress in terms of AuM and reveue progression over the past three revenues with revenues increasing from approximately £3m to over £65m
- Ker This has been driven by strong organic growth but also selective M&A. Smart continues to consolidate the UK Master Trust sector but also recently acquired Stadion in the US. Stadion added significant AuM as well as the capability to accelerate growth in a key market
- Ke continue to witness a shift towards defined contribution plans globally, driven by regulatory tailwinds, leaves Smart very well placed to serve multiple jurisdictions globally. In fact, we believe that Smart has the only cloud-based platform that has the ability to capture this opportunity



#### Revenue progression from 2019-2022 (£bn)

Source: Smart Pension, Jupiter Asset Management

## Smart faces one of the largest marketplaces: retirement savings



## **Consistently delivering for clients**



Reduction in admin personnel

More operationally efficient

# Operating at scale and growing rapidly

## £65m

Revenue (22E) R

## 150%

Revenue CAGR (19A – 22E)

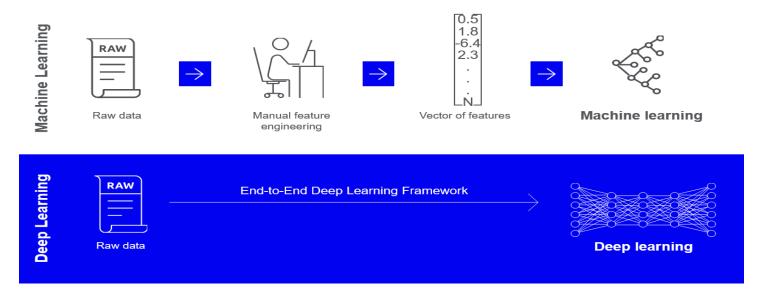
# Deep Instinct – market leading performance

### Growth delivery

#### Key highlights and update

- Seep Instinct has developed a deep learning framework that offers significant benefits over machine learning, with much better detection rates (>99%), even against new threats.
- Kernel Content of the solution was recently evidenced in MITRE Engenuity's ATT@CK Evaluations with Deep Instinct achieving a perfect score with 100% prevention across all categories
- Key The strength and robustness of Deep Instinct's multi-layered, prevention first approach has led to a number of very high-profile customer wins over the last twelve months
- The company has also attracted a very strong executive team. In September 2022, Lane Bess was appointed CEO Lane is ex-CEO of Palo Alto Networks (\$50bn MV) and ex-COO fo Zscaler (\$20bn MV) and in July 2022, Carl Froggett was appointed CIO – Carl is ex-CISO of Cybersecurity Services at Citi and Head of Global Infrastructure Defense

#### Machine learning vs Deep learning



Source: Deep Instinct, Jupiter Asset Management

## Deep Instinct has been able to attract major industry players

## chrysalis investments



## >99%

#### accuracy

## <0.1%

false positives

## <20m/s

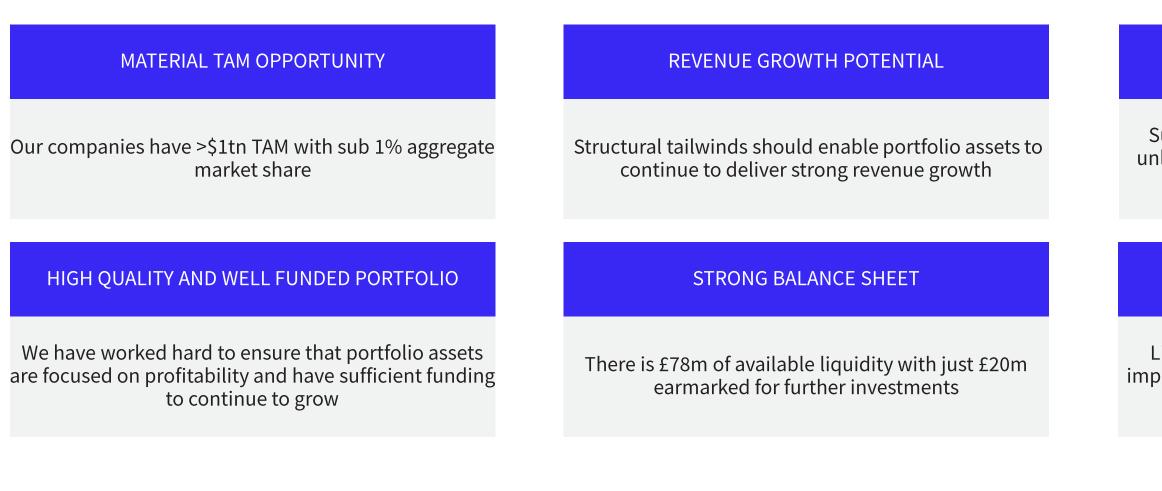
malware prevention/ intervention

## Outlook

# Chrysalis investments

# **Chrysalis Investments**

An encouraging outlook



# Significant embedded revenue growth potential within the portfolio will ultimately drive NAV progression and successful exits

Past performance is not a guide to future performance. The value of investments can go down as well as up and is not guaranteed.



GROWTH SELLOFF IMPACT?

Sustained growth combined with devaluation of unlisted assets has led to a material derating of the portfolio

AN IMPROVING BACKDROP

Listed peers have materially rerated YTD and an improving backdrop is driving the IPO agenda for our later-stage assets