04 2021

Fintech sector update



Qualitative insights into broader Fintech trends and public and private valuations across the transaction spectrum, and interviews with today's leaders transforming the sector.

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DEFI AND NFTS – WHAT'S THE BIG DEAL?

- DeFi is already a \$250bn market with experts forecasting this figure to rise in the coming years as projects mature, and the crypto industry makes progress lessening its environmental impact
- With the explosion in popularity of cryptocurrency, new assets such as NFTs are thriving

THE VIEW

Q4 Fintech perspectives from GP Bullhound

DIGITAL ASSET – THE BATTLE FOR CUSTODY

- Custodians are essential to any financial market and this also applies to digital assets. Their role is to provide safeguarding services and protect investors from theft. They are also required for compliance, accounting and reporting by regulatory bodies
- The growth of Digital AUM led by institutional investors and exchange-traded funds has created a fierce battle for custody and the main players are now attracting mega-round investments

EQUITY
CROWDFUNDING
PLATFORMS ARE
OPENING EARLYSTAGE INVESTING
TO THE MASSES

- Early-stage investing is an asset class which was until recently only available to professional investors
- Allowing the "crowd" to back companies which they believe in has the potential to revolutionise how startups access capital, but also provides additional benefits

GP Bullhound's recent Fintech activity



Investment Management











DeFi and NFTs – what's the big deal?

Beyond Bitcoin: what is DeFi and why is it important?

- A decentralised finance ('DeFi') system allows people to create financial products or "smart contracts" that execute actions automatically on the blockchain without any bank, brokerage, exchange of corporate acting as an intermediary. DeFi takes the basic premise of Bitcoin and expands on it, with most DeFi applications running on the Ethereum blockchain
- Ethereum's ability to carry data in its code was an important innovation and forms the basis for decentralised finance markets. This has the potential to create more open, free and fair financial markets that are accessible to anyone with an internet connection
- Borrowing and lending are among the most common use cases for DeFi applications, but there are many more increasingly complex options too. DeFi is already a \$250bn market with industry experts forecasting this figure to rise in the coming years as DeFi projects mature, and the crypto industry makes progress on lessening its environmental impact
- However, DeFi's strengths can also be its weaknesses:
 - Technology: if there is an issue with the developer's code, then there could be potential weakness within a DeFi protocol
 - Asset: When borrowing, typically other crypto assets are offered as collateral, given that volatility value frequently fluctuates
 - Product: Unlike a traditional bank there is no regulation or insurance

With the explosion in popularity of cryptocurrency new assets such as NFTs are thriving

- Over the last 12 months we have seen entrepreneurs expand the ideas that started with Bitcoin and DeFi to games, media, digital commerce and even social networking enabled by Non-Fungible Tokens (NFTs)
- NFTs are a unique digital identifier that connect a piece of media to the blockchain. An NFT can be anything, but is
 often a gif, jpg or video. NFTs provide value through proof of ownership and create a direct source of income via
 collectors
- NFTs are similar to limited-editing trading cards, online only. NFTs are designed to be one of a kind, and to have one
 owner at a time. This has enabled a digital gold rush as they have proven that a digital item can be scarce, giving digital
 creators a new way to monetise their work
- In December 2021 alone, \$2.4bn worth of NFTs changed hands on OpenSea, the largest NFT platform. The record for the
 most expensive NFT ever sold so far is the digital artwork 'Everydays: The First 5000 Days' which sold for \$69.3m at
 traditional auction house Christie's in March 2021

Select news

\$250BN

TOTAL VALUE LOCKED
IN DEFI

DEC-21 DEFI LLAMA INDEX

70%

MARKET SHARE OF ETHEREUM IN DEFI VS C.100% AT THE BEGINNING OF 2021 AS OTHER BLOCKCHAINS DEVELOP



Paradigm COATUE

DEAL DATE: JAN-22 RAISED: \$300M VALUATION: \$13.3BN

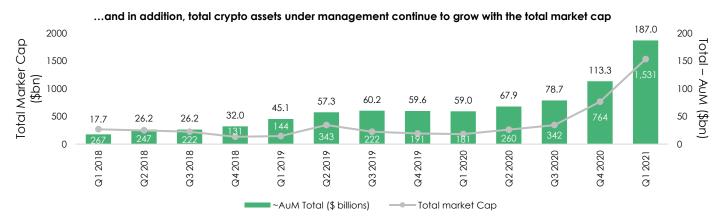
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YOY TRANSACTION VOLUME INCREASE ON OPENSEA IN 2021

The battle for digital custody

Digital asset custodians are the backbone, granting long term solidity to the digital asset class

- Custodians are financial services safeguarding assets for their clients. In a notoriously insecure highly-targeted industry by hackers, digital asset security has become a key requirement from institutional investors to evolve in the market. Ten percent of all cryptocurrency (\$250bn) is stored on the technology of eight crypto custody tech providers
- In addition, the apparition of exchange-traded products such as futures-backed Bitcoin ETFs, or the recently launched Bitpanda ETN listed on the Deutsche Börse, creates a demand for regulated custodians
- Institutional investors or exchange-traded products require more security and complexity for compliance, accounting
 and reporting, insurance and other regulatory needs. In addition, some players usually complete their product offering
 horizontally by providing complementary services such as staking, trading, financing or governance
- In a recent survey of institutional investors and wealth managers managing c.\$108bn in crypto, 79% consider asset custody as the key consideration to invest in this asset class
- 2021 also attracted some key funding rounds for some dominant players in the landscape, including:
 - Ledger, a Parisian unicorn, secured a \$380m Series C to support its provision of security and infrastructure solutions for digital assets
 - Finoa, a Berlin-based custodian for digital assets, raised its Series A at \$22.7m, bringing its total raised to \$25m
 - Swiss digital asset bank, Sygnum, secured \$90m in an oversubscribed Series B ahead of inevitable global expansion



Select transactions



KKR

DEAL DATE: DEC-21 DEAL SIZE: \$350M



WESTCAF

DEAL DATE: DEC-21 RAISED: \$1BN



SEQUOIA L

DEAL DATE: DEC-21 RAISED: \$400M



MORGAN CREEK

DEAL DATE: NOV-21 RAISED: \$400M

Equity crowdfunding platforms are opening early-stage investing to the masses

Millions of retail investors are increasingly eating the VC's lunch

- Early-stage investing is an asset class which was, until recently, only available to professional investors (such as venture capital funds), as well as wealthy individuals that had exclusive access to these high-value investments
- Allowing the "crowd" to back companies in which they believe in has the potential to revolutionise how startups access
 capital, but also provide additional benefits
- As equity crowdfunding introduced a new way of thinking about how great ideas could become a reality and fast-growing startups access the funds they need it has also fuelled a crowded race with multiple crowdfunding platforms launched in just a few years
- As it typically happens in many emerging industries with relatively low entry-barriers, several platform players entered the
 market and tried to grow by attracting promising startups looking to raise capital on their platforms
- However, their expansion has been, in most cases, limited to their local market due to a number of reasons, such as the
 regulatory landscape, linguistic barriers, as well as a generally limited startup ecosystem in some geographies
- In addition, even at country-level, the US and the UK have multiple platforms currently operating, each supporting hundreds of capital raisings every year
- On a mission to make early investing more accessible, affordable and flexible for all, the competitive landscape in the European space has started to show some signs of early consolidation:
 - Crowdcube and Seedrs announced their merger plans, but failed to get regulatory approval due to Antitrust issues
 - Republic did a \$150m Series B and there is speculation of a potential SPAC deal
 - Republic acquired Seedrs for ~\$100m creating the first global crowdfunding platform
 - Crowdcube received a £10m strategic investment from Circle (already owner of SeedInvest) and has now expanded into the EU

Select transactions





DEAL DATE: MAR-21 DEAL SIZE: £140M



Republic

VALOR EQUITY PARTNERS

DEAL DATE: OCT-21 RAISED: \$150M





DEAL DATE: OCT-21 DEAL SIZE: \$100M





DEAL DATE: NOV-21 RAISED: £10M

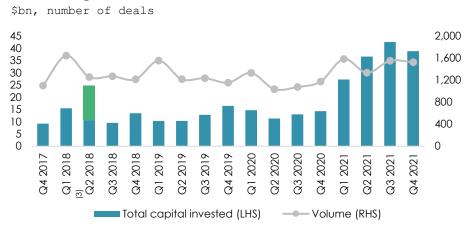
Record levels of activity across Fintech in 2021

While some businesses have been hit worse by the pandemic, many fintechs have managed to grow and close mega funding rounds to fuel their ambitions

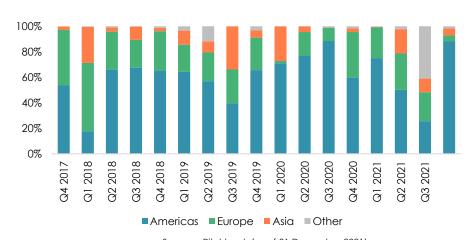
Transaction M&A deal value and volume



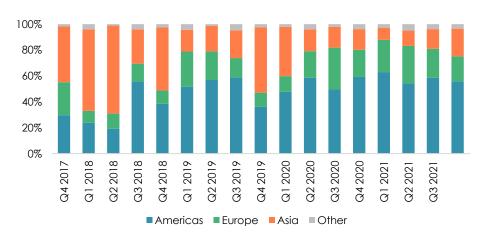
Fundraising deal value and volume



M&A deal value by region



Fundraising deal value by region





Year of consolidation across key Fintech verticals

Fintech matures from the promise of competitive disruption towards collaboration and consolidation. This quarter Visa's \$930m acquisition of Currencycloud further highlights the ongoing trend of consolidation following their strategic partnership.

Deal date	Target	Buyer	Target description	EV (\$m)	Implied EV/LTM Rev
22-Dec-21	digit	OP RTUN	Financial application designed to help increase personal savings wisely	211	
21-Dec-21	Currencycloud	VISA	Foreign exchange payments automation platform designed to remit cross border payments through API	930	
20-Dec-21	2 Truebill	Companies, Inc.	Finance management application designed to optimise spending, manage subscriptions and save money	1,275	
17-Dec-21	September 2015	THOMABRAVO	Financial technology services to corporations, financial institutions, and banks worldwide	2,475	5.4x
16-Dec-21	EVEN	MoneyLion MoneyLion	B2B fintech platform providing a comparison and recommendation engine for financial services	440	
16-Dec-21	SocietyOne	moneyme [®]	Peer-to-peer online lending platform in Australia	132	
16-Dec-21	VALITOR	Rapyd	Electronic payment processing services intended to serve merchants, banks and financial institutions	100	
14-Dec-21	Remessa Online	KEBANX	Global remittance platform	229	
06-Dec-21	BUCK∀ROO	KEENSIGHT	Online billing and payment services in the Netherlands	170	
02-Dec-21	interactive investor	□ abrd∩	Online investment platform	2,000	
01-Dec-21	SEEDRS	Republic	Equity crowdfunding platform	101	
08-Nov-21	metromile	Lemonade	Digital insurance platform	500	
03-Nov-21	III LEVELSET	PROCORE"	Collaboration-driven construction payment ecosystem	500	
01-Nov-21	Rectangle	GI PARTNERS	Payment processing platform for the healthcare industry	1,000	
01-Oct-21	bottlepay	≒ NYDIG	Bitcoin wallet and payments application	290	

Fundraising activity surged throughout 2021

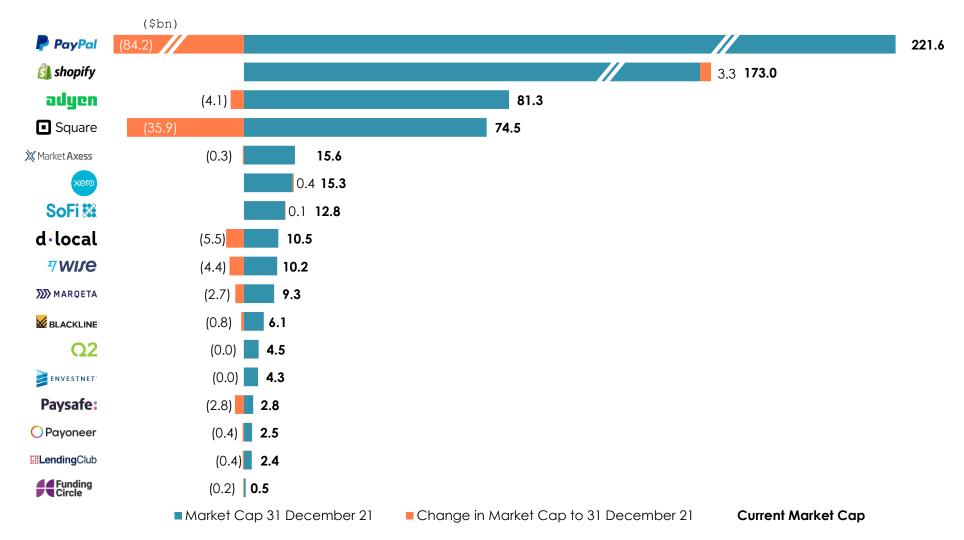
Lydia, Zilch, MoonPay, Anchorage Digital, Thought Machine, Zopa, Moonfare, Fundbox and Slice reached unicorn status in Q4 2021

Date	Target	Lead investor(s)	Target description	Capital raised (\$m)
29-Dec-21	⊘ C2FO	TRANSFORM VC	B2B cash flow & working capital optimisation platform	75
16-Dec-21	re:cap¤	felix Project A	Revenue-based financing platform	112
15-Dec-21	ANCHORAGE DIGITAL	KKR	Digital assets custody and trading services	350
14-Dec-21	₩ NYDIG	W WESTCAP	Financial services firm dedicated to Bitcoin	1,000
09-Dec-21	PÆO	COATUE BainCapital THRIVE CAPITAL	All-in-one business spending platform	350
09-Dec-21	О МАМВИ	EQT	SaaS cloud banking platform	266
08-Dec-21	M monzo	ABU DHASE GROWTH FUND	Digital bank	500
08-Dec-21	tipalti	g ² G SQUARED	Cloud-based automation platform	270
08-Dec-21	∧ Lydia	Accel Tencent 腾讯	Peer-to-peer payments application	103
01-Dec-21	▲ Fireblocks	SEQUOIA 🖺	Digital assets custody services	400
30-Nov-21	Fundbox	HOOPP Healthcare of Ontario Persion Van	Al-driven cash flow management platform	100
29-Nov-21	slice	NSIGHT TIGERGLOBAL	Digital bank	220
29-Nov-21	Thought Machine	🗘 nyca	Core banking platform	201
24-Nov-21	Celsius	CDPQ WESTCAP	Crypto lending platform	750
23-Nov-21	leccare	8 [∞] EIGHT ROADS [™]	Digital insurance platform	116

Date	Target	Lead investor(s)	Target description	Capital raised (\$m)
22-Nov-21	MoonPay	COATUE TIGERGLOBAL	Crypto payment infrastructure	555
18-Nov-21	⊕ GEMINI	MORGAN CREEK CAPITAL MANAGEMENT	Cryptocurrency exchange and custodian platform	400
18-Nov-21	Airwallex	LONE PINE CAPITAL®	Cross-border payments and foreign exchange platform	100
16-Nov-21	upgrade	COATUE DST GLOBAL	Digital bank offering lending services	280
10-Nov-21	zılch	VENTURA CAPITAL GAUSS VENTURES VENTURES	Buy-Now-Pay-Later app	110
02-Nov-21	M O ONFARE	TIGERGLOBAL	Marketplace to invest in private VC/PE funds	125
01-Nov-21	• Chipper	FTX svb >	Remittance platform in Africa	250
29-Oct-21	→ Bolt	GENERAL WILLOUGHBY Others	Checkout experience platform	393
22-Oct-21	BILLIE	dawn.	BNPL for B2B	299
18-Oct-21	deel.	COATUE	Payroll and compliance solution for recruitment	425
18-Oct-21	ZOPA	SoftBank	Digital bank offering lending services	300
17-Oct-21	<u>N</u> 26	COATUE POINT VENTURES	Digital bank	900
06-Oct-21	GETSAFE	ipti <u>Q</u>	Digital insurance company	93
05-Oct-21	DRIVEWEALTH	Accel INSIGHT	Embedded finance and brokerage infrastructure	735
05-Oct-21	MFS AFRICA	goodwell PARTNERS GROUP	Digital payment and remittance platform	100

Tech stocks slide after central bank policy shifts

The value of GP Bullhound's Fintech index decreased by \$137.8bn (-18%), with the biggest share of losses from PayPal and Square



Selection of Fintech IPOs in Q4 2021



Description: Digital banking services

Sector: PaymentsListing date: 09-DecValuation: \$41bn

• Offering price: \$9

+4%



 Description: Platform to find the best credit cards and mortgages

• Sector: Personal Finance

Listing date: 4-NovValuation: \$1.1bn

• Offering price: \$18

(14%)

⊠avidxchange[™]

Description: Accounts payable software

• Sector: Banking Technology

Listing date: 13-OctValuation: \$4.9bn

• Offering price: \$25

Pine LabsPescription: Online payment

 Description: Online payment and loyalty platform

Sector: Payments

Listing date: 30-Jun-22

• Expected valuation: \$6bn

(40%)

Paytm

Description: Mobile payment solutions

• **Sector**: Payments

Listing date: 18-NovValuation: \$19bn

• Offering price: \$28.9

(15%)



- Description: SME lending

• Sector: Lending

• Listing date: 1-Nov

• Valuation: \$1.7bn

• Offering price: \$1.5

(26%)

Expensify

 Description: Cloud-based expense management software

• Sector: Payments

• Listing date: 10-Nov

Valuation: \$2.2bnOffering price: \$27

enfusion

 Description: SaaS provider to investment management industry

• Sector: Financial Data & Analytics

Listing date: 21-OctValuation: \$1.9bn

• Offering price: \$17

+23%

+63%

77 TradeStation

• **Description:** Trading tool and global technology infrastructure

• Sector: Trading Technology

 Date announced: Reached agreement with Quantum FinTech Acquisition Corp on 4-Nov

• Expected valuation: \$1.4bn

Kakao Pay

Description: Mobile payment and digital wallet services

Sector: Payments

• Listing date: 4-Nov

Valuation: \$9bn

• Offering price: \$76.2

(3%)

bakkt

 Description: Platform to buy, sell, store and spend digital assets

Sector: Payments

Listing date: 18-Oct

Valuation: \$2.1bn

Offering price: \$10

(15%)



• **Description:** Data-driven investment platform

• **Sector**: Financial Data & Analytics

Date announced: Reached agreement with EJF Acquisition on 15-Sep 21

• Expected valuation: \$8.5bn

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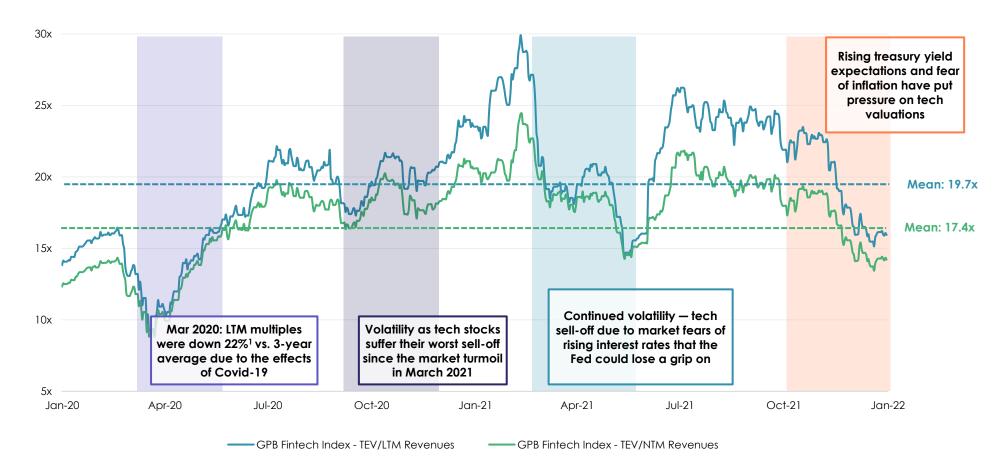
Announced

Share price performance as of 31 December 2021

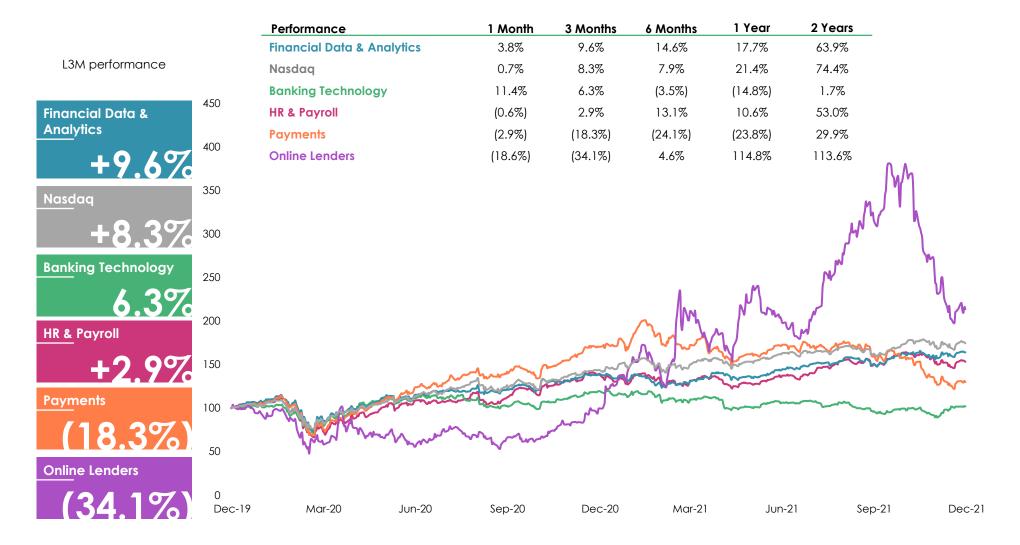
Public market volatility continued through Q4 2021

Valuation multiples have dropped during Q4 after a third quarter characterised by continued stability

As of 31 December 2021, the Fintech index is trading at 15.9x trailing 12-month revenues, which is 19.1% below the 2-year average As of 31 December 2021, the Fintech index is trading at 14.2x next 12-month revenues, which is 18.2% below the 2-year average



Major share price correction for online lenders in Q4





GP Bullhound Fintech indices valuation benchmarks

Verticals	Select companies	2021E revenue growth (1)	2021E EBITDA margin ⁽¹⁾	EV/2021E revenue (1)	EV/2021E EBITDA (1)
Payments	d-local >>> MARQETA mastercard PayPal VISA 7 WISE	48.5%	29.3%	11.4x	23.4x
Financial data & Analytics	FACTSET MOODY'S MSCI THOMSON REUTERS	13.1%	38.0%	11.3x	29.3x
HR & Payroll	sage workday. PAYCHEX workday.	11.8%	31.1%	12.2x	34.6x
Banking technology		11.0%	32.0%	10.8x	27.6x
Online lenders	↓ lendinvest	127.6%	17.6%	10.1x	40.2x

Dr. Roman Rittweger, Founder & CEO



"At ottonova we created the private health insurance for the mobile age. With innovative digital services, the company has been helping its customers to get healthy and stay healthy since 2017. Digital technologies, fast and personal advice via chat, and numerous other features ensure that customers are always at the centre of attention. In 2021, ottonova was named the insurer with the highest customer satisfaction for the third time in a row in the KUBUS study among German private health insurers.

In addition to private comprehensive health insurance and supplementary health insurance, ottonova's portfolio also includes software solutions for the insurance industry."

Ottonova is a leading full-stack digital health insurance carrier in Germany. Based on its unique data-driven approach and dominating position in digital customer acquisition, the company is changing the ecosystem around health and life insurance. The company raised €100m in funding to date, including media-for-equity from Seven Ventures.

Investors





FOUNDER & CEO, OTTONOVA







VORWERK VENTURES STS VENTURES >_ EARLYBIRD





Christian Range, Co-founder & CEO



Hepster is a Managing General Agent (MGA) operating in

driven business model. Hepster was founded in 2016 to

has facilitated over 300 insurance products to 100,000+

customers in the past four years.

CO-FOUNDER & CEO, HEPSTER

"Hepster's strength is a fully API-driven, cloud-based and modular insurance solution, which allows us to quickly build and deploy digital insurance products based on our partners' requirements. We are continuously expanding our product portfolio, consisting of insurances for mobility, especially bike and e-bike, pets, electronics and sports equipment. Our holistic and agnostic platform is an endto-end solution for the entire insurance value chain.

This idea has now become the vision of creating the greatest insurance experience for customers and partners through technology, efficiency and service. Our goal is to become the market leader for embedded insurances within Europe."

Germany and Austria. Its B2C-webshop complements its B2Bprovide customers with situational insurance products digitally at touchpoint. Hepster recorded a 600% growth in 2020 and

Investors

PLUGANDPLAY





Alexander Artopé, Co-Founder & CEO



cheaper loan options to consumers in Germany. Based on digital processes, smava provides consumers an overview

of 70 loans from more than 20 banks, ranging in value from

€1.000 to €120.000. Smava users can choose deals most

favourable to them and save. To date, smaya received

over \$200m in investment.

CO-FOUNDER & CEO, SMAVA

"In 2021, smava acquired Finanzcheck, one of its biggest competitors. The merger created a leading platform in Germany specialising in consumer loans. Overall, both companies brokered a loan volume of well over €4bn between consumers and banks in 2020. As one of the largest fintech businesses in Germany, smava employs over 40 nationalities under the direction of an experienced management team with strong backgrounds in finance and technology. We are revolutionising the German loan market by providing a platform from which consumers and banks alike benefit significantly, with better conditions. The loan market is rapidly shifting online, while our platform additionally drives the acceleration of the digitisation of the industry."

Investors



verdane



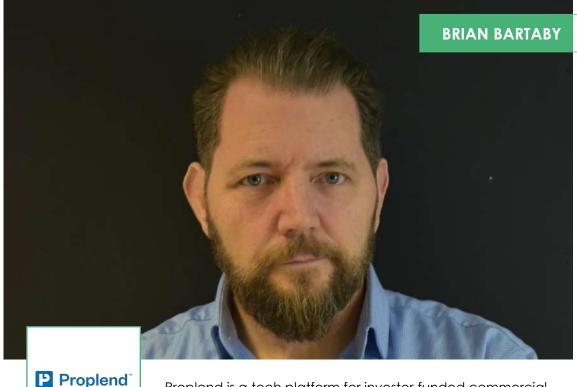




GP. Bullhound

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Brian Bartaby, Co-founder & CEO



FOUNDER & CEO, PROPLEND

"Proplend was founded on a combination of low interest rates and banks vacating the sub-£5m commercial investment property sector. This thesis still holds true and, combined with growth in fintech, payments, regtech and proptech, produces a marketplace that offers attractive rates of risk-adjusted returns for our lenders, and access to much-needed liquid capital for our borrowers. Our unique three LTV-based tranching model enables lenders with different risk parameters and return requirements to all participate in the same loans.

We continuously looks at ways to improve the transparency, efficiency and repeatability of an interest payment being made from a borrower to a lender across our highly-scalable platform. Currently, we are focused on ESG and ways to enable cheaper funding for higher EPC-rated assets and to transition existing assets to improve our customers' EPC ratings."

Proplend is a tech platform for investor-funded commercial property loans, enabling individual and institutional investors to earn regular monthly income by investing directly in property-backed mortgages, bridge and VAT loans. Proplend matches borrower demand for loans with lender demand for income, and is an FCA authorised, HMRC-approved ISA Manager. It completed £145m of lending and paid £14m of interest to lenders.

Public comparables – Payments

			EV (USDm) Revenue Growth		EBITDA	EBITDA Growth			in	1	EV / Revenue	e		EV / EBITDA			Share Price Performance		
Company	31/Dec/21	31/Dec/21	20/21	21/22	20/21	21/22	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	LTM
Payments High Growth Omnichan	nel Payments																		
PayPal	221,568	217,974	18%	19%	71%	18%	20.0%	28.9%	28.6%	10.2x	8.6x	7.2x	50.8x	29.7x	25.3x	111.0x	40.9x	35.6x	(19%)
Shopify	173,001	166,582	56%	33%	243%	4%	8.0%	17.6%	13.6%	n.m.	36.4x	27.3x	n.m.	n.m.	n.m.	n.m	n.m	n.m	22%
Adyen	81,344	77,686	49%	39%	61%	42%	57.2%	61.9%	63.1%	n.m.	n.m.	49.3x	n.m.	n.m.	78.1x	n.m	n.m	108.2x	21%
Square	74,501	75,081	86%	7%	2074%	9%	0.5%	5.6%	5.7%	7.9x	4.3x	4.0x	n.m.	75.7x	69.5x	n.m	95.7x	87.8x	(26%)
Fiserv	68,525	89,569	8%	7%	36%	10%	31.8%	39.8%	40.8%	6.0x	5.6x	5.2x	19.0x	14.0x	12.8x	121.1x	18.7x	16.1x	(9%)
FIS	66,465	85,043	11%	7%	47%	9%	33.4%	44.3%	45.1%	6.8x	6.1x	5.7x	20.3x	13.8x	12.6x	86.9x	16.7x	14.8x	(23%)
Affirm	28,258	29,038	149%	39%	n.a.	n.a.	(11.4%)	(43.7%)	(15.8%)	n.m.	26.5x	19.1x	n.m.	n.m.	n.m.	n.m	n.m	n.m	n.a.
Dlocal	10,530	10,239	132%	69%	210%	66%	29.2%	39.1%	38.5%	n.m.	42.5x	25.2x	n.m.	n.m.	65.3x	n.m	140.7x	85.2x	n.a.
Wise	10,189	3,022	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	24.3%	n.a.	n.a.	3.5x	n.a.	n.a.	14.4x	n.a	n.a	93.9x	n.a.
Margeta	9,274	7,621	72%	33%	n.a.	n.a.	(15.0%)	(5.0%)	(10.6%)	26.3x	15.3x	11.5x	n.m.	n.m.	n.m.	n.m	n.m	n.m	n.a.
Pageseguro	8,781	8,589	128%	34%	42%	48%	47.0%	29.4%	32.4%	10.9x	4.8x	3.5x	23.1x	16.2x	10.9x	40.4x	31.4x	22.6x	(54%)
StoneCo	5,209	5,263	205%	66%	(35%)	238%	100.9%	21.4%	43.6%	19.6x	6.4x	3.9x	19.4x	30.0x	8.9x	33.9x	101.6x	26.0x	(80%)
Paysafe	2,830	4,939	3%	4%	3%	3%	29.3%	29.3%	28.9%	3.5x	3.4x	3.2x	11.8x	11.4x	11.1x	n.m	111.7x	23.9x	(74%)
Payoneer	2,492	2,058	33%	22%	n.a.	(10%)	(2.8%)	3.7%	2.8%	6.0x	4.5x	3.7x	n.m.	n.m.	n.m.	n.m	n.m	n.m	(29%)
Fawry	1,393	1,315	34%	36%	48%	45%	25.2%	27.9%	29.8%	16.7x	12.5x	9.2x	66.5x	45.0x	30.9x	81.5x	89.6x	68.8x	(51%)
Mean			70.3%	29.7%	254.5%	40.1%	25.2%	21.4%	24.7%	11.4x	13.6x	12.1x	30.1x	29.5x	30.9x	79.1x	71.9x	53.0x	(29.2%)
Median			52.7%	33.3%	48.0%	13.7%	27.2%	28.4%	28.9%	9.0x	6.4x	5.7x	20.3x	23.0x	14.4x	84.2x	89.6x	35.6x	(25.8%)
General Payments & Ser	vices																		
Global Payments	39,223	48,460	4%	10%	28%	12%	38.1%	46.8%	47.8%	6.5x	6.3x	5.7x	17.1x	13.4x	12.0x	68.8x	16.6x	14.1x	(37%)
Nexi	16,544	19,956	8%	39%	92%	41%	28.1%	50.0%	50.7%	10.7x	10.0x	7.2x	38.3x	19.9x	14.1x	62.6x	33.1x	24.3x	(14%)
Worldline	15,634	20,284	33%	14%	61%	21%	20.6%	24.8%	26.4%	6.5x	4.9x	4.3x	31.7x	19.8x	16.3x	30.2x	23.8x	20.0x	(38%)
ACI Worldwide	4,080	5,084	5%	5%	52%	6%	19.4%	28.2%	28.5%	3.9x	3.7x	3.6x	20.2x	13.3x	12.5x	45.1x	18.7x	17.2x	(10%)
Network International	2,220	2,261	22%	25%	93%	31%	24.9%	39.6%	41.4%	7.9x	6.5x	5.2x	31.8x	16.5x	12.6x	112.4x	38.1x	25.2x	(11%)
EVO Payments	1,214	2,366	13%	11%	71%	14%	23.7%	35.8%	36.7%	5.4x	4.8x	4.3x	22.7x	13.3x	11.7x	n.m	29.3x	24.7x	(5%)
Cielo	1,106	2,749	6%	7%	68%	1%	13.5%	21.5%	20.2%	1.4x	1.3x	1.2x	10.4x	6.2x	6.1x	11.0x	7.6x	6.7x	(43%)
Mean Median			13.0% 7.8%	15.8% 11.1%	66.5% 68.4%	17.9% 14.1%	24.0% 23.7%	35.2% 35.8%	36.0% 36.7%	6.1x 6.5x	5.4x 4.9x	4.5x 4.3x	24.6x 22.7x	14.6x 13.4x	12.2x 12.5x	55.0x 53.9x	23.9x 23.8x	18.9x 20.0x	(22.6%) (14.4%)
			7.078	11.170	00.478	1-1.170	25.776	33.078	30.778	0.5%	7.77	4.57	22.7 X	15.47	12.5%	33.7X	25.0X	20.00	(14.470)
<u>Payment Networks</u> Visa	456,944	463,063	17%	16%	18%	19%	68.6%	69.2%	71.1%	21.6x	18.4x	15.9x	31.4x	26.6x	22.4x	55.0x	35.0x	29.4x	(1%)
	353,053		23%	20%	25%	25%		57.9%	60.3%	23.5x	19.1x			33.0x	26.5x		43.5x	34.1x	1%
Mastercard	333,033	359,611					57.1%					15.9x	41.1x			73.8x			
Mean			20.2%	17.6%	21.5%	21.7%	62.9%	63.5%	65.7%	22.5x	18.7x	15.9x	36.3x	29.8x	24.4x	64.4x	39.3x	31.8x	(0.1%)
Median			20.2%	17.6%	21.5%	21.7%	62.9%	63.5%	65.7%	22.5x	18.7x	15.9x	36.3x	29.8x	24.4x	64.4x	39.3x	31.8x	(0.1%)
Mean (ALL) Median (ALL)			48.5% 23.1%	24.4% 19.7%	165.4% 56.5%	31.0% 17.7%	28.1% 25.2%	29.3% 29.3%	31.4% 31.1%	10.6x 7.9x	11.4x 6.3x	10.2x 5.5x	28.5x 22.9x	23.4x 16.5x	23.7x 13.4x	66.7x 65.7x	49.6x 34.0x	38.9x 24.9x	(24.0%) (21.2%)

Public comparables – Financial data & Analytics

	Market Cap (USDm)	EV (USDm)	Revenu	e Growth	EBITDA	Growth	E	BITDA Marg	in		EV / Revenue	e		EV / EBITDA			P/E		Share Price Performance
Company	31/Dec/21	31/Dec/21	20/21	21/22	20/21	21/22	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	LTM
Financial Data & Analytics																			
S&P Global	113,676	115,919	11%	5%	15%	5%	54.7%	56.6%	56.6%	15.6x	14.0x	13.4x	28.5x	24.8x	23.6x	53.3x	34.6x	32.3x	44%
Moody's	72,609	78,518	15%	8%	17%	5%	49.9%	51.1%	49.6%	14.6x	12.7x	11.8x	29.3x	24.9x	23.9x	50.3x	31.7x	30.8x	35%
Thomson Reuters	58,230	60,684	5%	5%	44%	15%	23.2%	31.6%	34.6%	10.1x	9.6x	9.2x	43.7x	30.4x	26.5x	n.m	60.7x	48.9x	45%
IHS Markit	53,014	57,894	8%	4%	31%	9%	35.9%	43.8%	45.9%	13.5x	12.5x	12.0x	37.6x	28.6x	26.2x	118.2x	41.5x	37.5x	48%
MSCI	50,514	53,564	20%	14%	25%	13%	55.9%	58.3%	58.1%	31.6x	26.4x	23.1x	56.5x	45.2x	39.8x	112.2x	61.9x	55.0x	37%
Experian	44,979	49,374	12%	11%	23%	13%	31.8%	34.8%	35.5%	9.4x	8.3x	7.5x	29.5x	23.9x	21.3x	61.3x	43.2x	36.5x	31%
Verisk Analytics	36,862	39,985	8%	7%	16%	7%	45.2%	48.8%	49.0%	14.4x	13.3x	12.5x	31.8x	27.3x	25.4x	67.4x	43.4x	38.2x	10%
Equifax	35,721	39,181	19%	8%	54%	15%	26.5%	34.1%	36.1%	9.5x	8.0x	7.3x	35.9x	23.4x	20.3x	101.9x	38.5x	33.3x	52%
TransUnion	22,720	25,557	15%	22%	28%	15%	35.6%	39.7%	37.5%	9.4x	8.2x	6.7x	26.4x	20.6x	17.9x	76.9x	31.4x	29.2x	20%
FactSet	18,294	18,441	7%	8%	12%	12%	33.4%	35.0%	36.2%	12.2x	11.4x	10.5x	36.4x	32.4x	29.0x	67.3x	43.0x	38.7x	46%
Morningstar	14,738	14,778	n.a.	n.a.	n.a.	n.a.	23.6%	n.a.	n.a.	10.6x	n.a.	n.a.	45.0x	n.a.	n.a.	102.9x	n.a	n.a	48%
Black Knight	12,771	16,147	19%	9%	70%	10%	34.3%	49.2%	49.8%	13.0x	11.0x	10.1x	38.0x	22.4x	20.3x	61.1x	35.3x	31.1x	(6%)
FICO	11,864	13,004	2%	5%	40%	9%	30.7%	42.2%	43.6%	9.9x	9.8x	9.3x	32.4x	23.2x	21.4x	60.3x	31.8x	28.9x	(15%)
BlackLine	6,073	6,024	21%	21%	n.a.	22%	(0.2%)	13.6%	13.6%	17.1x	14.2x	11.7x	n.m.	n.m.	86.2x	n.m	n.m	144.6x	(22%)
Envestnet	4,335	4,912	18%	14%	96%	8%	13.3%	22.2%	21.0%	4.9x	4.2x	3.6x	36.9x	18.8x	17.3x	n.m	33.0x	31.6x	(4%)
LiveRamp	3,265	2,767	17%	21%	n.a.	n.a.	(17.5%)	8.6%	10.3%	6.4x	5.5x	4.5x	n.m.	63.6x	44.3x	n.m	90.7x	75.8x	(34%)
Mean			13.1%	10.8%	36.3%	11.2%	29.8%	38.0%	38.5%	12.6x	11.3x	10.2x	36.3x	29.3x	29.6x	77.8x	44.3x	46.2x	20.8%
Median			14.7%	8.5%	28.2%	11.0%	32.6%	39.7%	37.5%	11.4x	11.0x	10.1x	36.2x	24.9x	23.9x	67.3x	40.0x	36.5x	32.7%

Public comparables – HR & Payroll

	Market Cap	FM (HCD)	D	- 6	FRITR A	C		DITO A AA	·_								D/E		Share Price
	(USDm)	EV (USDm)	Kevenu	e Growth	EBIIDA	Growth		BITDA Marg	in		EV / Revenu	е		EV / EBITDA			P/E		Performance
Company	31/Dec/21	31/Dec/21	20/21	21/22	20/21	21/22	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	LTM
HR & Payroll																			
Intuit	182,139	181,396	49%	15%	89%	15%	30.5%	38.7%	38.6%	23.5x	15.8x	13.8x	77.2x	40.9x	35.7x	126.8x	56.3x	52.5x	69%
ADP	103,905	105,753	11%	6%	4%	8%	27.2%	25.4%	25.8%	7.5x	6.8x	6.4x	27.6x	26.6x	24.6x	50.9x	38.7x	34.9x	40%
Workday	68,295	66,875	19%	19%	1098%	1%	2.9%	29.0%	24.5%	15.5x	13.0x	10.9x	n.m.	45.0x	44.6x	n.m	69.9x	76.9x	14%
Paychex	49,249	49,130	10%	8%	14%	7%	41.9%	43.3%	42.9%	12.6x	11.5x	10.6x	30.1x	26.5x	24.6x	56.2x	40.5x	36.7x	46%
Paycom	24,080	23,950	24%	24%	95%	26%	25.2%	39.6%	40.1%	28.5x	22.9x	18.4x	n.m.	57.9x	46.0x	n.m	93.3x	73.5x	(8%)
SS&C	20,845	26,935	8%	4%	20%	5%	36.5%	40.9%	41.2%	5.8x	5.4x	5.2x	15.8x	13.1x	12.5x	42.8x	16.5x	15.6x	13%
Xero	15,308	15,293	21%	33%	102%	65%	10.3%	17.3%	21.4%	28.4x	23.5x	17.6x	n.m.	n.m.	82.2x	n.m	n.m	n.m	(4%)
Paylocity	12,995	13,000	25%	25%	120%	25%	15.1%	26.5%	26.6%	22.5x	18.0x	14.4x	n.m.	67.9x	54.3x	n.m	100.6x	92.6x	15%
Coupa Software	11,803	12,771	33%	22%	n.a.	(10%)	(15.6%)	28.8%	21.1%	23.6x	17.8x	14.5x	n.m.	61.8x	69.0x	n.m	n.m	n.m	(53%)
The Sage Group	11,796	12,149	(2%)	4%	(11%)	3%	26.5%	24.0%	23.7%	4.8x	4.8x	4.7x	18.0x	20.2x	19.7x	33.2x	36.8x	32.4x	46%
TriNet	6,263	6,133	(71%)	3%	26%	(3%)	10.0%	44.3%	41.8%	1.5x	5.3x	5.2x	15.2x	12.0x	12.4x	28.6x	18.9x	19.1x	18%
Blucora	844	1,252	16%	9%	73%	17%	10.6%	15.8%	16.9%	1.7x	1.4x	1.3x	15.7x	9.1x	7.8x	98.5x	10.2x	10.2x	9%
Mean			11.8%	14.3%	148.2%	13.1%	18.4%	31.1%	30.4%	14.6x	12.2x	10.3x	28.5x	34.6x	36.1x	62.4x	48.2x	44.4x	17.1%
Median			17.2%	11.8%	73.2%	7.6%	20.2%	28.9%	26.2%	14.0x	12.3x	10.8x	18.0x	26.6x	30.2x	50.9x	39.6x	35.8x	14.4%

Public comparables – Banking technology

	Market Cap (USDm)	EV (USDm)	Revenu	e Growth	EBITDA	Growth	E	BITDA Marg	in	1	EV / Revenu	e		EV / EBITDA			P/E		Share Price Performance
Company	31/Dec/21	31/Dec/21	20/21	21/22	20/21	21/22	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	LTM
Banking Technology																			
MarketAxess	15,639	15,271	3%	12%	(3%)	13%	59.1%	55.9%	56.5%	22.2x	21.5x	19.2x	37.5x	38.5x	34.0x	65.5x	57.6x	51.2x	(28%)
Jack Henry	12,364	12,443	7%	8%	35%	8%	26.2%	33.0%	33.0%	7.3x	6.8x	6.3x	27.7x	20.5x	19.0x	53.8x	37.2x	33.8x	3%
Temenos	9,902	10,897	11%	10%	76%	12%	28.3%	44.8%	45.6%	12.3x	11.1x	10.1x	43.5x	24.7x	22.1x	86.7x	35.4x	31.7x	2%
Q2	4,514	4,739	24%	16%	n.a.	24%	(13.8%)	7.0%	7.4%	11.8x	9.5x	8.1x	n.m.	n.m.	n.m.	n.m	n.m	n.m	(37%)
Bottomline Technologies	2,539	2,580	10%	12%	133%	19%	9.2%	19.6%	20.9%	5.8x	5.2x	4.7x	62.4x	26.8x	22.4x	n.m	55.7x	45.0x	7%
Mean			11.0%	11.5%	60.3%	15.2%	21.8%	32.0%	32.7%	11.9x	10.8x	9.7x	42.8x	27.6x	24.4x	68.7x	46.5x	40.4x	(10.6%)
Median			10.0%	11.7%	55.3%	13.2%	26.2%	33.0%	33.0%	11.8x	9.5x	8.1x	40.5x	25.8x	22.3x	65.5x	46.5x	39.4x	1.9%

Public comparables – Online lenders

	Market Cap (USDm)	EV (USDm)	Revenue	e Growth	EBITDA	Growth	E	BITDA Marg	in		EV / Revenu	e		EV / EBITDA			P/E		Share Price Performance
Company	31/Dec/21	31/Dec/21	20/21	21/22	20/21	21/22	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	CY2020	CY2021	CY2022	LTM
Online Lenders																			
Upstart	14,531	14,211	253%	45%	786%	35%	9.7%	24.2%	22.6%	n.m.	17.6x	12.2x	n.m.	72.7x	53.8x	n.m	77.5x	64.5x	271%
SoFl	12,990	14,990	169%	46%	n.a.	561%	(12.0%)	2.8%	12.7%	40.4x	15.0x	10.2x	n.m.	n.m.	80.9x	n.m	n.m	n.m	27%
LendingClub	2,415	2,191	151%	41%	299%	72%	11.5%	18.3%	22.2%	6.9x	2.7x	1.9x	59.6x	14.9x	8.7x	n.m	n.m	16.0x	129%
Funding Circle	576	653	37%	9%	n.a.	(19%)	(53.6%)	22.4%	16.5%	3.1x	2.3x	2.1x	n.m.	10.1x	12.6x	n.m	14.8x	22.1x	24%
Lendinv est	395	1,684	28%	20%	(56%)	35%	58.7%	20.2%	22.7%	16.3x	12.8x	10.6x	27.8x	63.1x	46.7x	n.a	n.a	17.1x	n.a.
Mean			127.6%	32.4%	343.0%	136.7%	2.9%	17.6%	19.3%	16.7x	10.1x	7.4x	n.m.	40.2x	40.5x	n.m.	46.2x	29.9x	113.0%
Median			151.2%	41.1%	299.2%	35.2%	9.7%	20.2%	22.2%	11.6x	12.8x	10.2x	n.m.	39.0x	46.7x	n.m.	46.2x	19.6x	78.0%

Methodology

This report is based on the expert insights of GP Bullhound's worldwide team alongside detailed analysis of investment trends across the global technology landscape. GP Bullhound's Fintech sector comprises Payments, Financial Data & Analytics, HR & Payroll and Banking Technology.

GP Bullhound's Fintech team

Based in our London office, Claudio Alvarez heads up our Fintech practice, which has completed over 20 transactions involving both equity and debt.







BEN PITTARI VICE PRESIDENT



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