# The State of European Fintech

a partnership between:



and





October 2019



#### **About Finch Capital**

Finch Capital is a thematic investor and has built a track record of investing since 2014 in European and South East Asian Financial Technology, AI and IoT companies including Grab, Twisto, Brickblock, Trussle and Hiber.

Finch Capital is a team of 12 investment professionals with a wide entrepreneurial (e.g. Adyen and Arista), investing (e.g. Accel) and industry backgrounds (e.g. Facebook and McKinsey) based out of its offices in Amsterdam, London and Jakarta. For more information see www.finchcapital.com



#### **About Dealroom**

Founded in Amsterdam in 2013, Dealroom is a global database providing analytics, intelligence and insights on startups and venture capital investment. Its software, database and bespoke research enable its clients to stay at the forefront of innovation, discover promising companies and identify strategic opportunities. Among its clients are world-leading consulting firms, investment banks, multinationals, tech firms, venture capital & buyout firms and governments.

#### Introduction

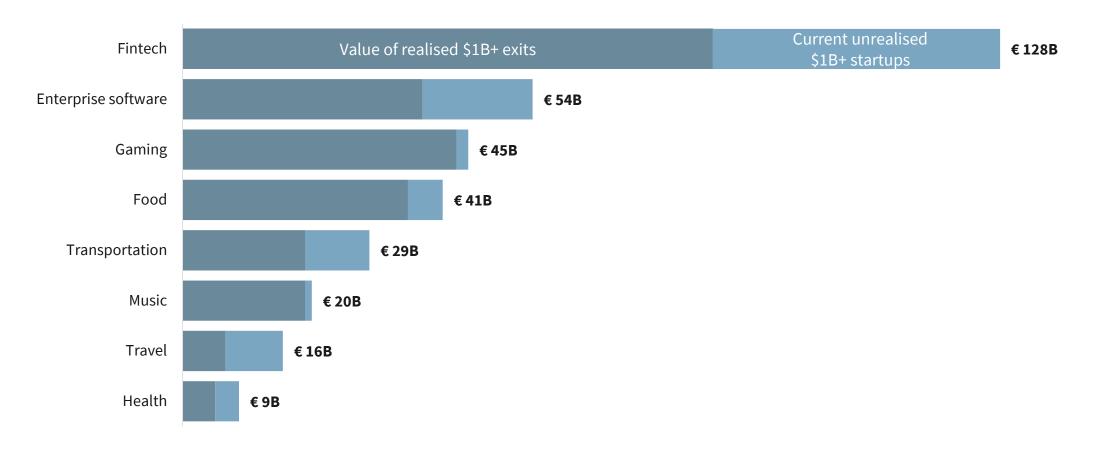
### **1.** Introduction

- 2. Deep dive into Fintech verticals
  - Banking & Payments
  - Insurtech
  - Proptech
  - Enabling Fintech
- 3. Exit landscape





## European Fintech companies have created over 2x more value than any tech sector in Europe, both realised and current pipeline of private startups.

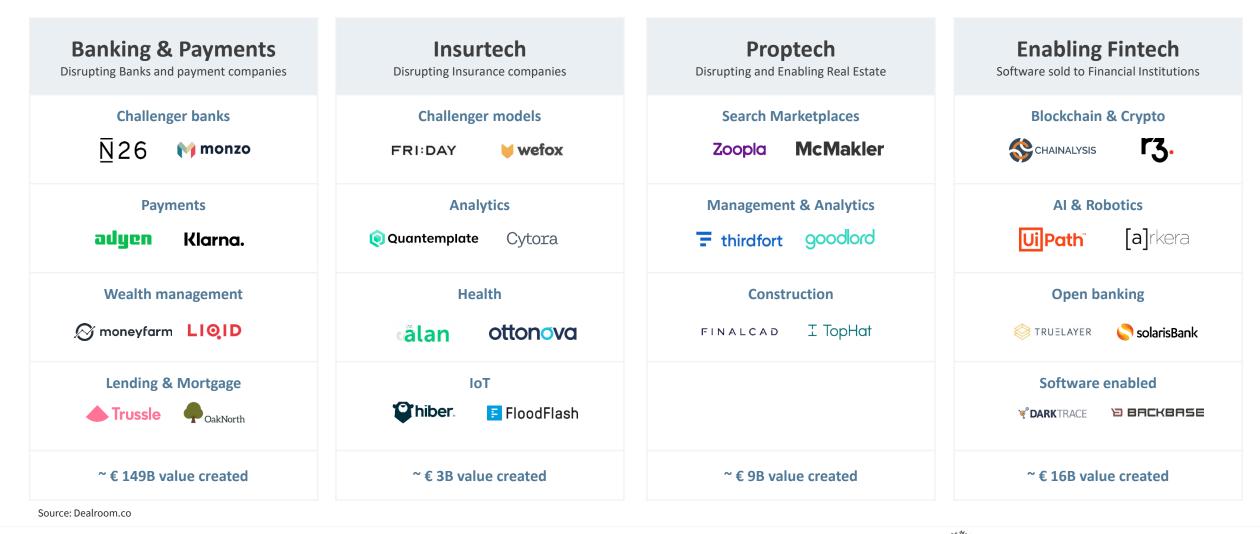


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Source: Dealroom.co. Health excludes biotech. Value created since 2013.

## Fintech is ....



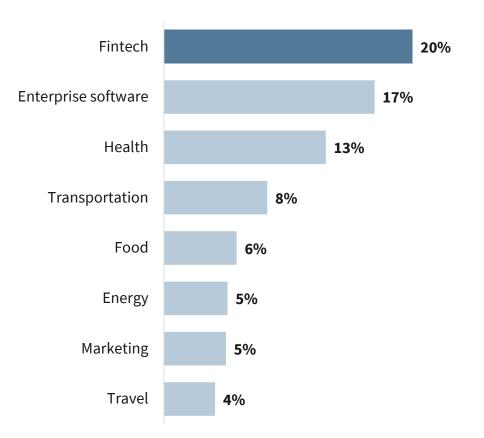


## We're now arguably in the fourth wave of Fintech innovation.

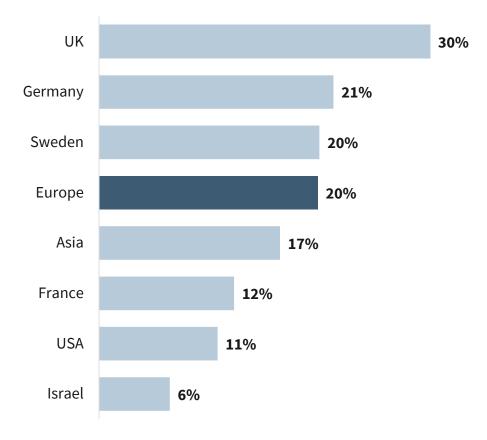
1970-2000	2000-2010	2010-2015	2015-2020
<b>Financial software</b>	E-payments & financial marketplaces	Digital challengers	Al, IoT & Blockchain enablers
allfunds	IHS Markit <b>iZettle</b>	Revolute Funding Circle	SolarisBank Cytora Schainalysis
Fidessa nets:		7TransferWise	TRACTABLE 🕻 YAPILY cleo.
ξω)			Comply Advantage TC:CCCVC
TransUnion. <b>avaloq</b>	<b>Skrill</b> Klarna.	🕅 monese 🕤 raisin.	<b>▼skywatch.ai F</b> loodFlash



## Fintech is Europe's largest venture capital investment category. It receives 20% of all venture capital in Europe: a higher percentage than in Asia & USA.





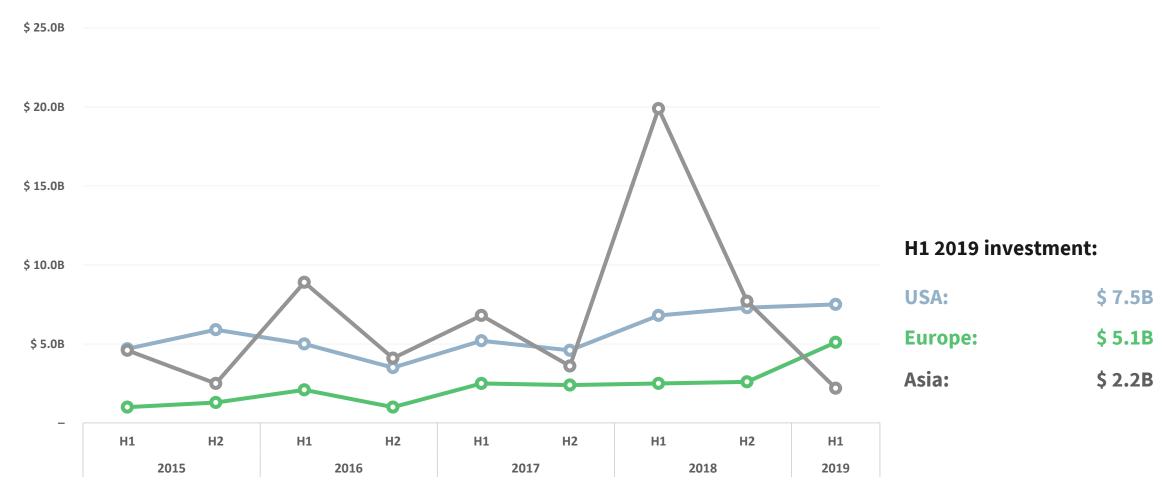


Share of Fintech in total VC investment per region (2017-2019 YTD)



Source: Dealroom.co. Health excludes biotech.

## European Fintech investment recently surpassed Asia, and is not that far from USA.



Source: Dealroom.co



# After big successes in payments, Europe today has rising stars across nearly any key vertical in Fintech.

Valuation	Banking	Payments	Wealth management	Lending & Mortgage	Insurance	Blockchain	AI
\$1B+	Monzo       N26         Revolus       METRO         OVOLOQ       Numbrs         SUBSECTIONS       SUBSECTIONS	adyen Klarna. ≥ sumup <sup>, 7</sup> TransferWise ≪ checkout.com iZettle Skrill bambora ∩EXI ⊗ worldpay wirecard ∩ELS:*	FLOW TRADERS       Seperation         allfunds       Gettoro         ion       FAVZ**         Pluisson       Alfa <sup>A</sup>	CakNorth Greensill	esure	BITFURY	UiPath
\$250-1B	Atom bank SolarisBank S STARLING BANK Monese	CURVE	Image: Non-Street Content       Image: Transmission Content         Image: Non-Street Content       Image: Non-Street Content	Nordax Bank N Codle Z O P A FINANZCHECK.DE Clendify Funding Rate%Setter Smava	SD Simply Business Wefox prima.it SBIMA calan FRI:DAY	Eedger SEBA Nexo SAGA SETL	TAIGER OMNI:US
\$100-250M	TRUELAYER X QONTO	BILLIE Rapyd	MOONFARE capital-com	FUTURE FINANCE Soctober younited credit.	ZEGO Cytora COYA	🔶 BLOCKCHAIN	Comply Advantage ⊃∪⊂0
\$0-100M	tink <sup>*</sup> ○tide ▲aprilabank bud. 10× PENTA Clear.Bank lunar.	Slim Pay PAYSEND MURA kantox twisto div/do fourthline Modulr A Lydia	CalastoneLAFINBOXgojiiBanFirstTRADEIXnetwealthelinvarCDelio	▲ Trussle auxmoney ★ Trussle auxmoney ★ molo ★ molo ★ molo ↓ mojo ★ mintos	AZUR getsafe DIGITAL LEROUP Ottonova Simplesurance YU hedvig +Simple.fr anorak	Image         DBitwala       Image         Image       Image         Image <td< td=""><td>Thought Machine FRISS FRISS FRISS Cleo. OPENGAMMA NORDIGEN BLECKWEN  PAYLEAD</td></td<>	Thought Machine FRISS FRISS FRISS Cleo. OPENGAMMA NORDIGEN BLECKWEN  PAYLEAD



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## **Top seed stage investors in Fintech – League Table**

Ва	Banking & Payments			Insurtech			Proptech			
Investor	# Companies	Notable investments	Investor	# Companies	Notable investments		Investor	# Companies	Notable investments	
Seedcamp	31	Curve, Elliptic, Revolut	anthemis group	6	yulife, Flock, Quantemplate		<b>p</b> ilabs	17	Realyse, Appraised, YourWelcome	
Si Speedinvest	26	Candis, Pleo, TaxScouts	INSURTECH GATE WAY	5	Humn.ai, FloodFlash, By Miles		Seedcamp	10	emoov, Trussle, Acasa	
GFC	24	Knoma, Anyfin, Billie	LCIF LONDON CO-INVESTMENT FUND	4	Flock, Digital Risks, By Miles		GFC	8	Goodlord, Homebell, Nested	
kima ventures	22	Emma app, Shine, Spendesk	Seedcamp	4	wefox, Digital Risks, Cuvva		PICUS Capital	7	Casavo, Homebell, Proprioo	
LOCALGLOBE	16	Cleo Al, Tide, Yapily	InsurTech.vc	4	Neos, Sherpa, RightIndem		High-Tech Gründerfonds	5	casavi, InReal Technologies, Dotscene	
еп	13	Donut, Multiply.ai, Prime Factor Capital		4	yulife, Cuvva, Zego		LOCALGLOBE	5	Residently, Goodlord, Trussle	
NFT VENTURES	13	Bean, Credit Kudos, Capcito	GFC	3	Insurami, SingularCover, Getsafe		еп	3	NPlan	
anthemis grou	p <b>12</b>	Goin, Unmortgage, ABAKA	Θп	3	Insurami, Popsure, Brolly		LONDON CO-INVESTMENT FUND	3	Hubble HQ, Keypla, NPlan	
Point Nine	11	Candis, Finiata, Revolut	atlanticlabs	2	Vantik, dentolo,		rockstart.	3	Airsquire, Deskbookers, Finch Buildings	
<b>passion</b> copital	10	Monzo, Tide, Lendable	Downing	1	Flock		>_ EARLYBIRD	2	tapu.com, Metrekare,	

Source: Dealroom.co. Includes seed investments in European startups since 2013. Excludes double counts and follow on rounds.

Underlying data: Fintech investors league table





## **Top Fintech investors in Series A/B – League Table**

Ва	Banking & Payments			Insurtech			Proptech			
Investor	# Companies	Notable investments	Inve	estor	# Companies	Notable investments	Investor	# Companies	Notable investments	
FINCH	18	Twisto, BUX, Fourthline	FINCH	CAPITAL	4	Digital Insurance Group, Salviol, Fixico	atomico°	4	Lendinvest, Habito, Spacemaker Al	
Index Ventures	12	Revolut, Raisin, Spendesk	anti	hemis group	3	Omni:us, Qover, Simple.fr	idinvest Partners	4	Allthings, Papernext, Colonies	
anthemis group	12	Monese, TrueLayer, Fluidly		ARGET LOBAL	3	Omni:us, wefox, Zego	FINCH CAPITAL	4	Goodlord, Trussle, Ikbenfrits	
Balderton.	10	GoCardless, Nutmeg, Cleo Al	octopus	ventures	3	Bought by Many, By Miles, DeadHappy	<b>DN</b> Capital <sup>®</sup>	3	HomeToGo, Housfy, McMakler	
ACCEL	9	WorldRemit, GoCardless, Soldo	Munic	h RE	2	Bought by Many, Neos		3	Nestpick, McMakler, Badi	
HV HOLTZBRINCK	9	BUX, Lendico, Scalable Capital	Commerz	Ventures 스	2	Bought by Many, GetSafe	Balderton.	2	Appear Here, Rentify	
>_ EARLYBIRD	7	Bitwala, smava, Traxpay	b to v		2	GetSafe, Ottonova	>_ EARLYBIRD	2	Allthings, Apsiyon	
GFC	7	Iwoca, Kreditech, Tink	AC	CEL	1	Shift Technology	GFC	2	HAUSGOLD, OpenRent	
CREANDUM	6	Billie, Tide, Pleo		ndex Jentures	1	Alan	Index Ventures	2	Flatfair, GeoPhy	
<b>DN</b> Capital <sup>®</sup>	6	Raisin, Sonovate, VouchedFor	Balde	erton.	1	Zego	octopus ventures	2	Appear Here, The Plum Guide	

Source: Dealroom.co. Includes series A/B investments in European startups since 2013 where the investor didn't invest in seed rounds. Excludes double counts and follow on rounds.

Underlying data: Fintech investors league table





## **Top Fintech investors in Late stage – League Table**

Ва	nking & Pa	ayments		Insurtech			Proptech		
Investor	# Companies	Notable investments	Investor	# Companies	Notable investments	In	vestor	# Companies	Notable investments
Goldman Sachs	6	Raisin, Nutmeg, beqom	Allianz 🗙	2	Simplesurance, Bima	<u>Au</u>	gmentum	1	Habito
<u>Aug</u> mentum	5	Zopa, iwoca, Duedil	Rakuten	2	Simplesurance, PremFina	><	Draper Esprit	1	Finalcad
Croper Esprit	5	Revolut, Crowdcube, Miura Systems	BESSEMER VENTURE PARTNERS	1	Shift Technology	5	Goldman Sachs	1	TopHat
	4	N26, Tink, Fenegro	<b>)€</b> DroperEsprit	1	PremFina	Ī	ISRAEL GROWTH PARTNERS	1	McMakler
IVP.	3	UiPath, Klarna, Transferwise	🚿 Talis Capital	1	PremFina	No	orthzone	1	Nested

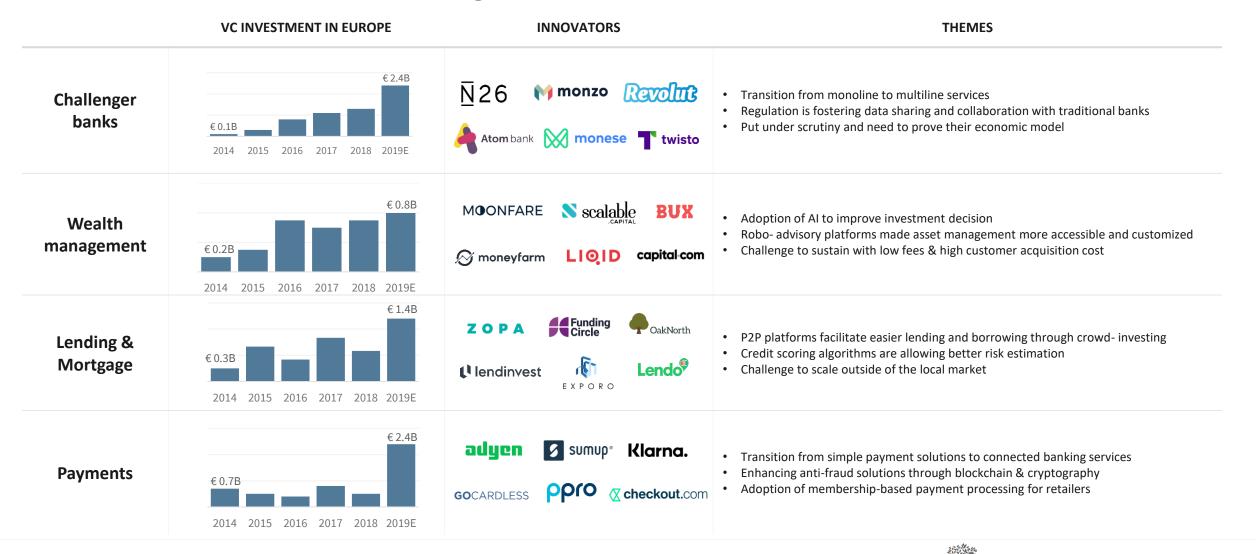
Source: Dealroom.co. Includes series C investments onwards in European startups since 2013 where the investor didn't invest in Series A/B. Excludes double counts and follow on rounds.

Underlying data: Fintech investors league table



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### Key trends and innovators: Banking & payments



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## Challenger banks: significant differences in terms of growth strategies.

#### Selected European challenger banks (B2C)

	<u>N</u> 26	🙌 monzo	Revolut	<b>twisto</b>	lunar way°	Other selected names
Last valuation	<b>€3.2B</b> Jul 2019	<b>€2.2B</b> Jun 2019	<b>€1.5B</b> Apr 2018	<b>~ €100M</b> Sep 2015	<b>~ €156M</b> Aug 2019	Atom bank
Total equity funding	€621M	€390M	€309M	€21M	€48M	bung
Age & Location	6 years (Germany)	4 years (UK)	4 years (UK)	6 years (Czechia)	4 years (Denmark)	J`/ ]`/
Number of customers	3.5M	2M	6M	0.6M	0.1M-0.2M	🔀 monese
Geo focus	Europe, expanding to US and Brazil	Europe, expanding to US	Europe, expanding to US	Czechia, Poland, expanding to Central and Eastern Europe	Nordics	
Next pillars	Insurance	Savings account	Stock and crypto trading	Debit cards	Insurance, loans, multi- currency cards	knab



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### SME & Business banks are initially targeting startups & gig economy-workers.

#### Selected European challenger banks (B2B)

	5 STARLING BANK	🗙 qonto	▲ aprilabank	PENTA	Shine	Other selected names
Last valuation	<b>~ €500M</b> Feb 2019	<b>~ €120M</b> Sep 2018	<b>~ €101M</b> Jan 2018	<b>~ €48M</b> Aug 2019	<b>~ €48M</b> Sep 2018	Otide
Total equity funding	€280M	€32M	€19M	€17M	€11M	Coconut.
Age & Location	5 years (UK)	3 years (France)	3 years (Norway)	3 years (Germany)	2 years (France)	CO Kontist
Number of customers	0.5M	50K	~ 400	7.5K	25K	<b>R</b> RedwoodBank.
Geo focus	UK, expanding to rest of Europe	France, Germany, Italy, Spain	Norway	Germany	France	ANNA ++
Product features	<ul><li>API for accounting</li><li>Deposit protection</li></ul>	<ul><li>Bookkeeping</li><li>Team collaboration</li></ul>	<ul><li>Invoicing</li><li>Deposits</li></ul>	<ul><li>Current account</li><li>Spend management</li></ul>	<ul><li>Insurance</li><li>Accounting</li><li>Invoicing</li></ul>	hufsy
Business focus	B2B, B2C	B2B	B2B, B2C	B2B	B2B	Countingup



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## Wealth management startups: most are using algorithms to help in investment decisions, or shifting into fully automated management.



Investment decisions and portfolio rebalancing are based on algorithms which follow pre-defined investment strategies. However, final oversight is provided by professional fund managers.

Sophisticated risk management lead to direct investments via self-learning artificial intelligence (AI) algorithms. Robo-advisors monitor and adjust single client portfolios in real time to keep on track with their selected investment strategy.



# Wealth management: Robo- advisory & blockchain made asset management more accessible: example of Scalable Capital and Brickblock's ScalingFunds.



Digital asset manager. It uses proprietary software to offer portfolios which are optimised with a primary focus on risk management

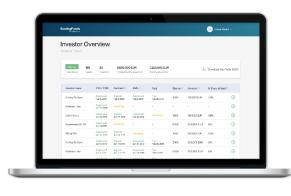
- Founding year: 2014
- Investors: HV, BlackRock, TEV and others
- Milestone: €1bn in Assets Under Management
- Partnerships: Futurae, ING, BlackRock, Siemens private finance...
- Value proposition: Low fees, Risk management technology, Global Assets Classes, Advice on Request.





Funds-as-a-service technology platform that provides fund managers with blockchain-based investment solutions

- Founding year: 2016
- Investors: Finch capital
- Milestone: 'Tokenisation' of the first property in Europe
- Partnerships: Peakside Capital, JTC, SolarisBank...
- Value proposition: Low fees , access to a new asset class through real estate tokenisation.



#### Online list of European Wealth tech startups

NAME		INDUSTRY	BUSINESS MODEL
Oraisin.	Raisin ★SuperTeam Pan-European marketplace for sa	fintech	B2B B2C commission marketplace
n	Nutmeg * strong Team The smart, secure and straightfor	fintech investing	B2C commission
$\otimes$	MoneyFarm * Strong Team Helps individuals invest and mana	fintech investing financial management s	B2C commission subscription

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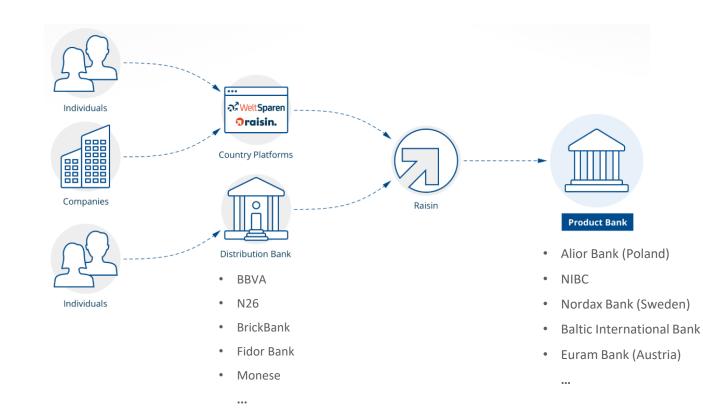




As interest rates are low in western Europe, marketplaces like Raisin enable consumers to place cross-border savings in other attractive regions in the continent.

## **7** raisin.

- Pan-European marketplace for savings.
- Founding year: 2013
- Employees: 200+
- Total funding: €200M
- Investors: Index, Goldman Sachs, Paypal, Orange and others
- Milestone: €15.5bn in Assets invested, 195,000+ customers
- Partnerships: 80+ partner banks



Source: Raisin official website



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## After SME and consumer loans, the lending wave has now arrived at mortgages.

\$1B+ valuation	Money Super Market		OakNorth		
\$500M-1B	Lendo Verivox				
\$100-500M	TotallyMoney          MoneyExpert       Sectoresing         MoneyExpert       Sect	ZOPA Smava	Spotcap	L <sup>I</sup> lendinvest	
\$0-100M	Ecompricer	finanzen.de Anyfin	CRXMARKETS	UNMORTGAGE       Pretto         HABITQ       Trussle         ISTRIDEUP       Experimentation	
	Price comparison	Lending to consumers	Lending to businesses	Mortgages	

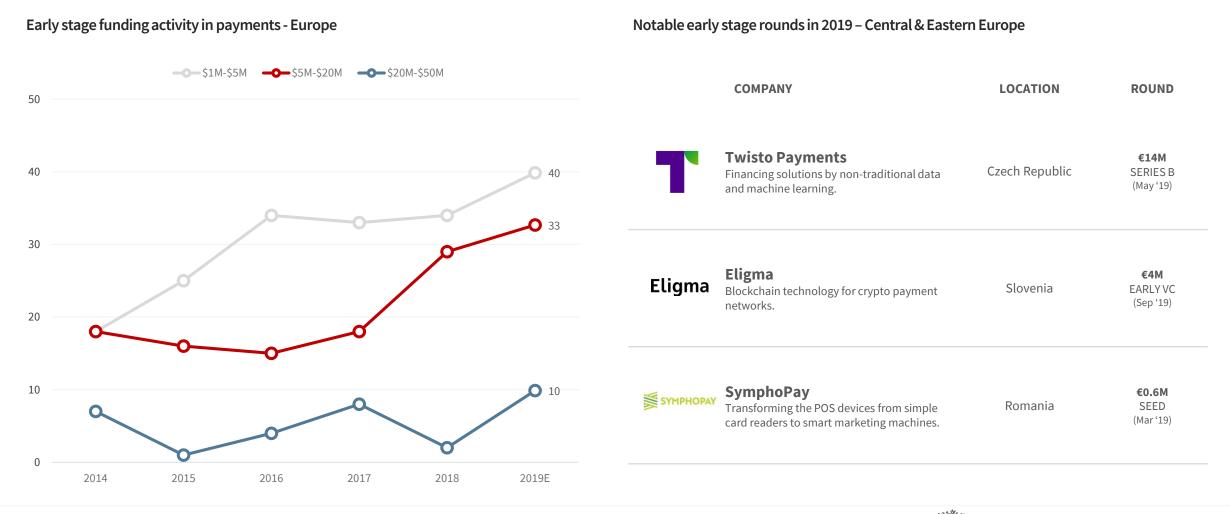


## The payments landscape is consolidating into full-stack service providers, point-of-sale and remittance.

\$10B+ Valuation	wirecard	⊗world <b>pay</b>	adyen					
\$1B+	<b>⊘ checko</b> ∩ets <b>∷</b>	out.com	(larna. Skrill	sumup°	iZettle	bambora	<sup>47</sup> Transfer	Wise WorldRemit
\$500M-1B	<b>Trustly</b>	heidelpay						
\$100-500M	<b>Mash</b>	mollie <mark>ppro</mark>	<b>© CURVE</b> <b>GO</b> CARDLESS	<b>payworks</b> wy∩d		• <b>boku</b> Øenfore	AZIM Transfer	Current and
\$0-100M	Slim Pay Modulr	fourthline divido	\land Lydia Eligma	SYMPHOPAY	SWOOPE	Sitoo 📩	ρλγSEND transfer <b>Go</b>	kantox veswap
	Рау	ment serv	vices	Poi	nt-of-S	ale	R	emittance



## Growth in payments is in CEE and in parts of value chain tackling inefficiencies.



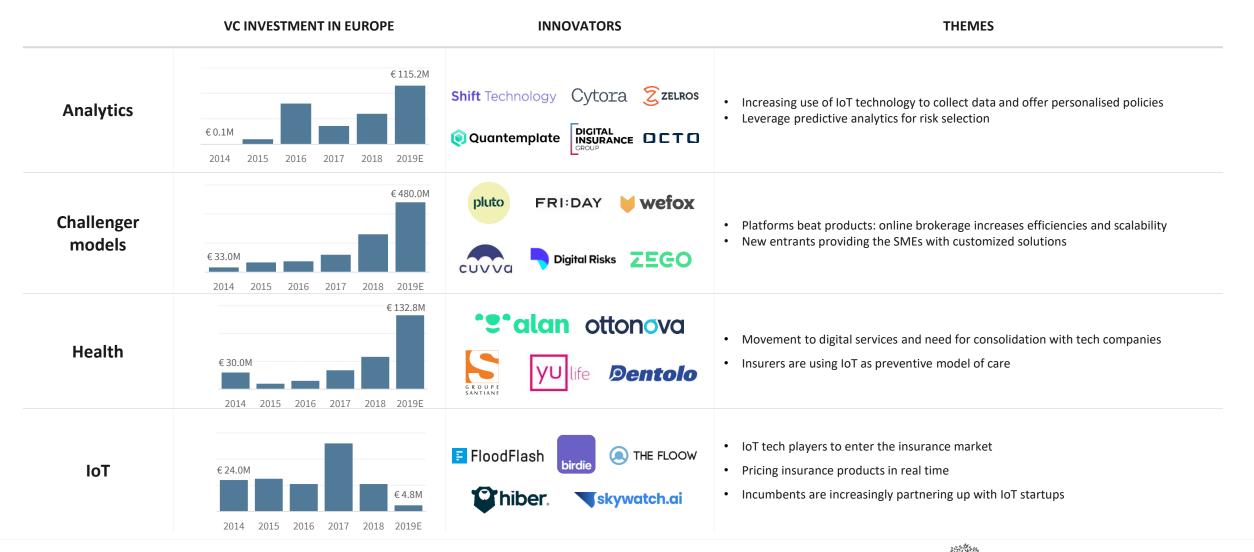


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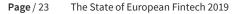


### **Key trends and innovators: Insurtech**

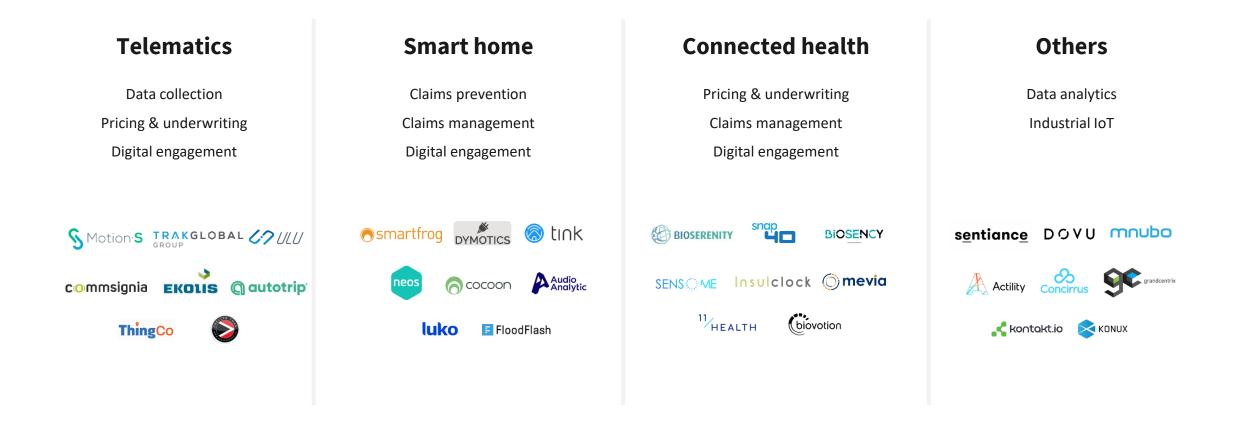


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## With IoT, insurers can capture real-time data, that's exponentially growing, enabling them to price insurance products in real-time.



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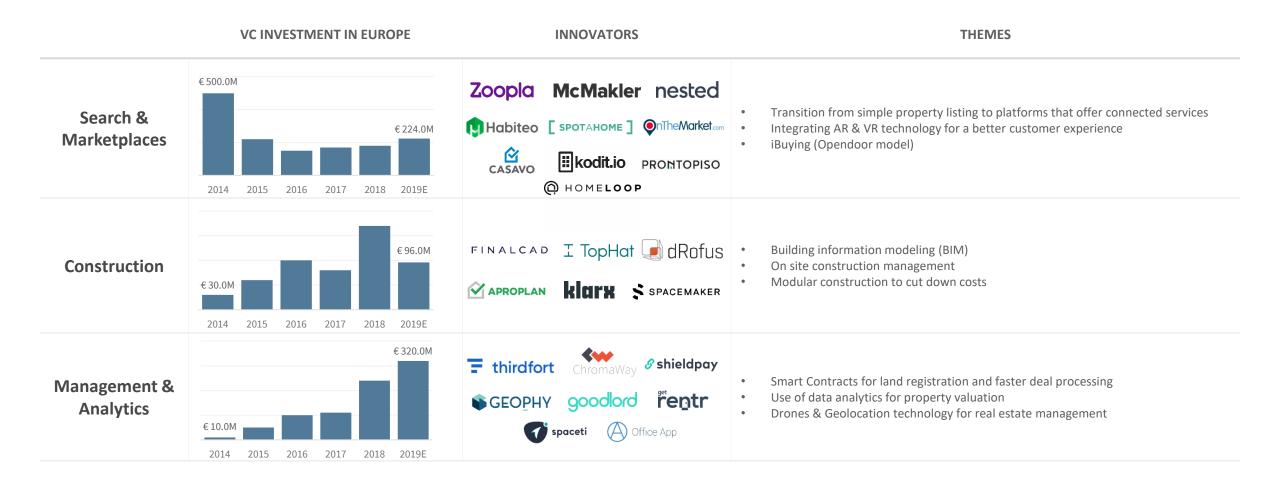
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## **Key trends and innovators: Proptech**





## The evolution of Proptech: from search portals to management and planning.



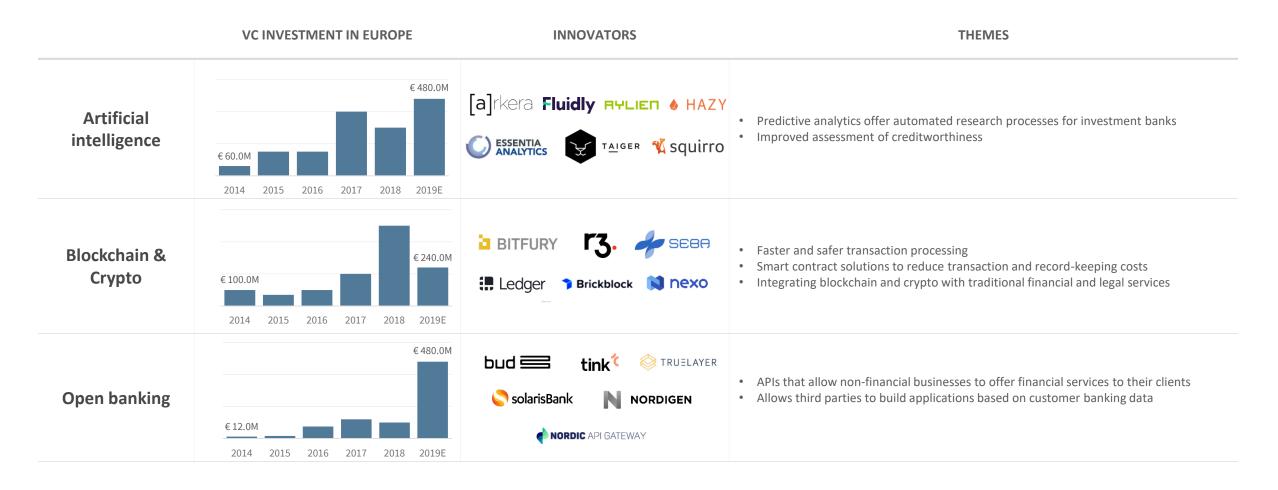


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## **Key trends and innovators: Enabling Fintech**





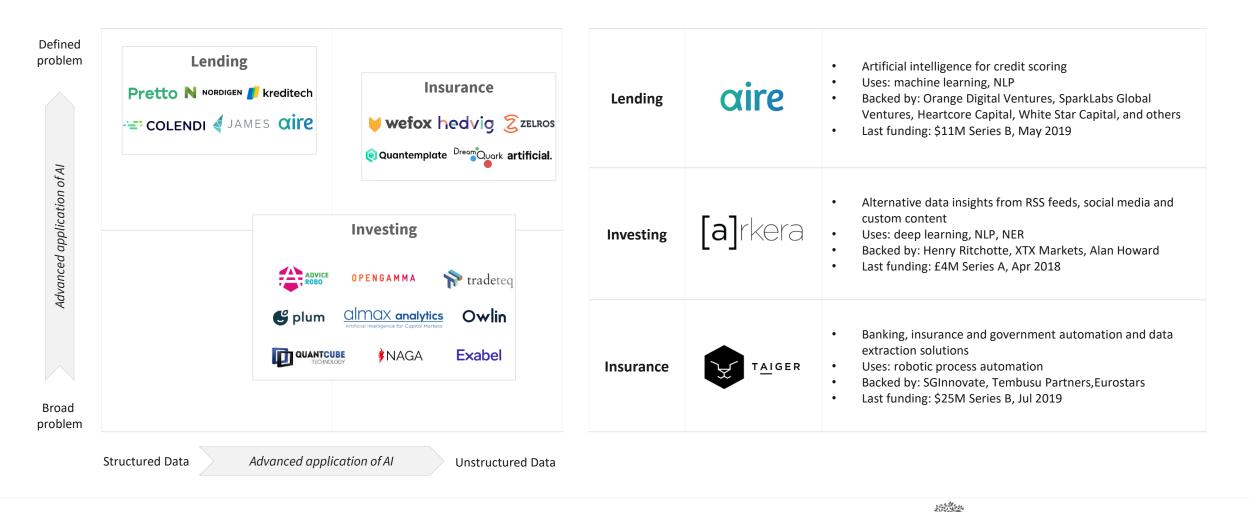
## \$1 trillion in cost reduction through AI implementations by 2030<sup>(1)</sup>... impacting financial firms' front, middle and back office activities.

Front office	Middle Office	Back office		
Chatbots, Assistants, Authentication and Biometrics	Monitoring, Anti-fraud & Risk, Legal and Compliance	Credit, Insurance, Investment, Contracting		
Potential cost savings: \$490 billion	Potential cost savings: \$350 billion	Potential cost savings: \$200 billion		
🔨 squirro	Shift Technology	UiPath		
AI-driven solution for CRM	Insurance claims fraud detection	Robotic process automation		
Total funding: €10.7M	Total funding: €89.2M	Total funding: €887M		
Valuation: ~€55M	Valuation: ~€318M	Valuation: €6.4B		
Revenue 2018: N/A Launch year: 2012	<b>Revenue 2018</b> : N/A <b>Launch year</b> : 2013	<b>Revenue 2018</b> : \$100M <b>Launch year</b> : 2005		
callsign Extechnologies	<b>Taxy.io</b> Fraugster 🗱 FRISS	οπηί:υς ΒΥΔΙΕΠ σάισαβις		
(1) Autonomous NEXT: Augmented finance and machine intelligence report 2018				

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## AI is most powerful for financial products where data is unstructured, but the goals are narrowly defined.



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## Open banking & APIs continue to pick up speed, particularly in instant payments, peer-topeer lending, and credit scoring.

Open banking & API-based Collaborations in 2019

		1	APIs & Open banking			
Fi	intech $\leftarrow \rightarrow$ Fintech	Fir	ntech $\leftarrow  ightarrow$ Incumbent		Fintech ← → Non-Banks	
Monzo	Individual Savings Account (ISA) offering	vidual Savings Account (ISA) offering		Social Structures	Financial situation assessment for tenants (2018)	
∂raisin. YOLT	In-app saving deposit rates comparison	<b>Praisin.</b> Legal & General	Access to higher interest rate saving accounts offering	(j) token		
Starling bank	Fast payment settlement for small	NORDIC API GATEWAY	Mobile app banking account aggregation	StuRents	Direct payments and data aggregation	
Sumup <sup>®</sup>	businesses		Categorisation-as-a-service engine for lending and underwriting	() token	Direct payments and data aggregation PSD2 compliance and banking solutions	
	Cross-border banking and payment solutions	bud = Goldman	Account spending analysis app	(epiphany		
Eruelayer Revolue	Financial data access for customers	Open\\'rks	Product development for charities to support financial wellbeing	(epiphany)		



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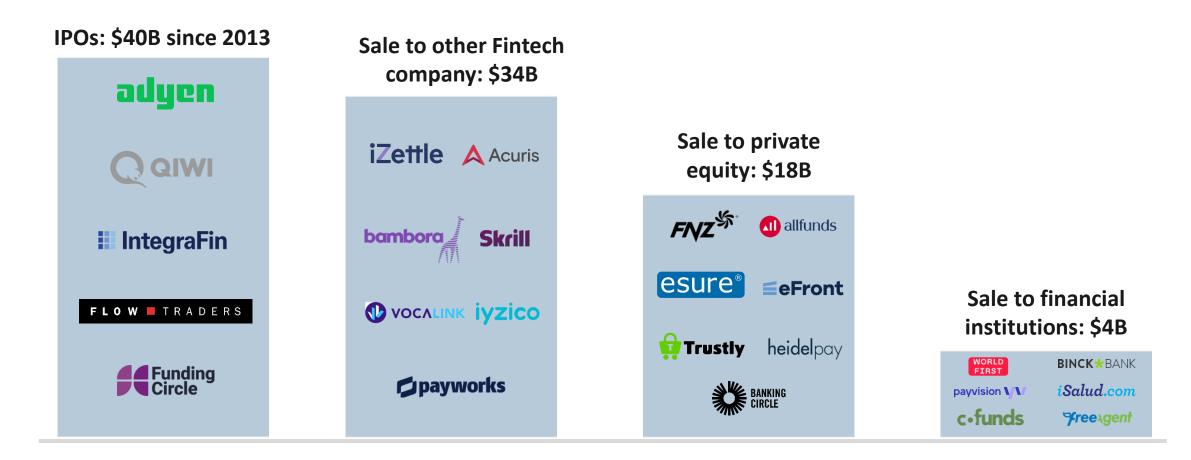
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3. Exit landscape

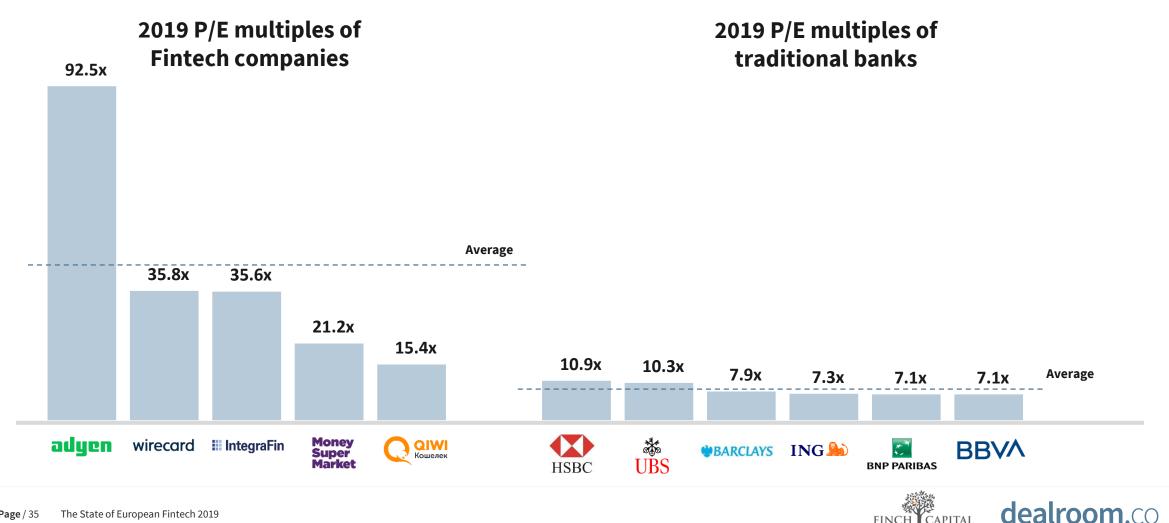
Traditional banks are mostly absent from big fintech acquisitions. The most viable paths to exit are IPO, sale to fintech, and private equity.



Note: since 2013 Source: Dealroom



Traditional banks are not able to acquire their way into Fintech: they do not have the mandate as their valuation multiples are too low and synergies are likely limited.



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## But financial institutions and other corporates are more involved via partnerships or by investing in minority stakes.

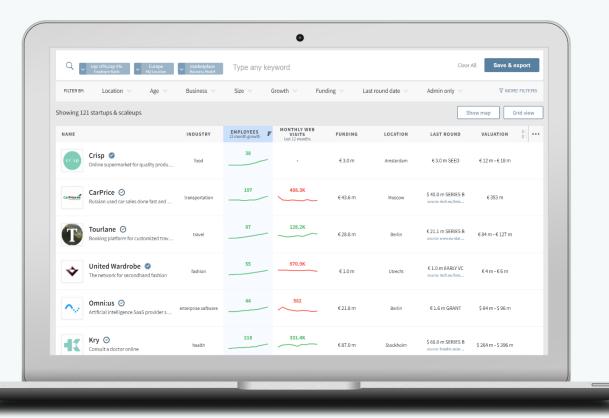
Top corporates by # of investments in Fintech startups

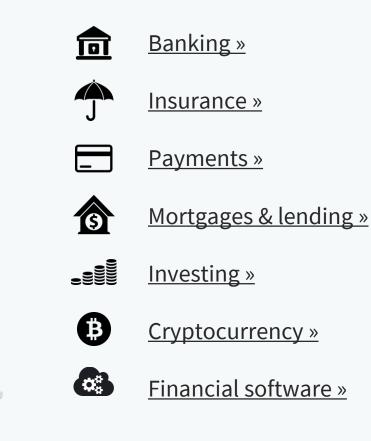
COMPANY	ТҮРЕ	SELECTED INVESTMENTS		ACQUISITIONS		
ING Ventures	Bank	😴 fintonic	TransferMate	🖍 payconiq	C LENDICO	payvision <b>VV</b> (€360M
Credit Mutuel	Bank	younited credit.	JOMONI 😺	() budget insight		-
Orange	Corporate	🙌 monzo	🛛 raisin.	<b>∧</b> wy∩d	🐔 Groupama	tic္ပစ္ခဲ <i>money ဖွ</i>
BBVA	Bank	Atom bank	Som nb.	<mark> sola</mark> risBank	О ноглі	
ABN AMRO	Bank	Оскто	X≡crosslend	tink <sup>*</sup>		-
Axel Springer	Corporate	<u>N</u> 26	CLARK	nextmarkets	-	
Santander	Bank	iZettle		ELLIPTIC	Albert	
Allianz X	Insurance	<u>N</u> 26	Ø moneyfarm	🐓 october	finanzen.de	
BNP Paribas	Bank	🔅 TRADEIX	😎ulule			GAMBIT
AXA Insurance Group	Insurance	ZEITGOLD.	goji	FundShop		-
AEGON	Insurance	🔺 fairr.de		Jøgo	<b>c•funds</b> (€164M)	



Data & intelligence on the world's most promising companies for venture capital funds, corporates and governments.

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