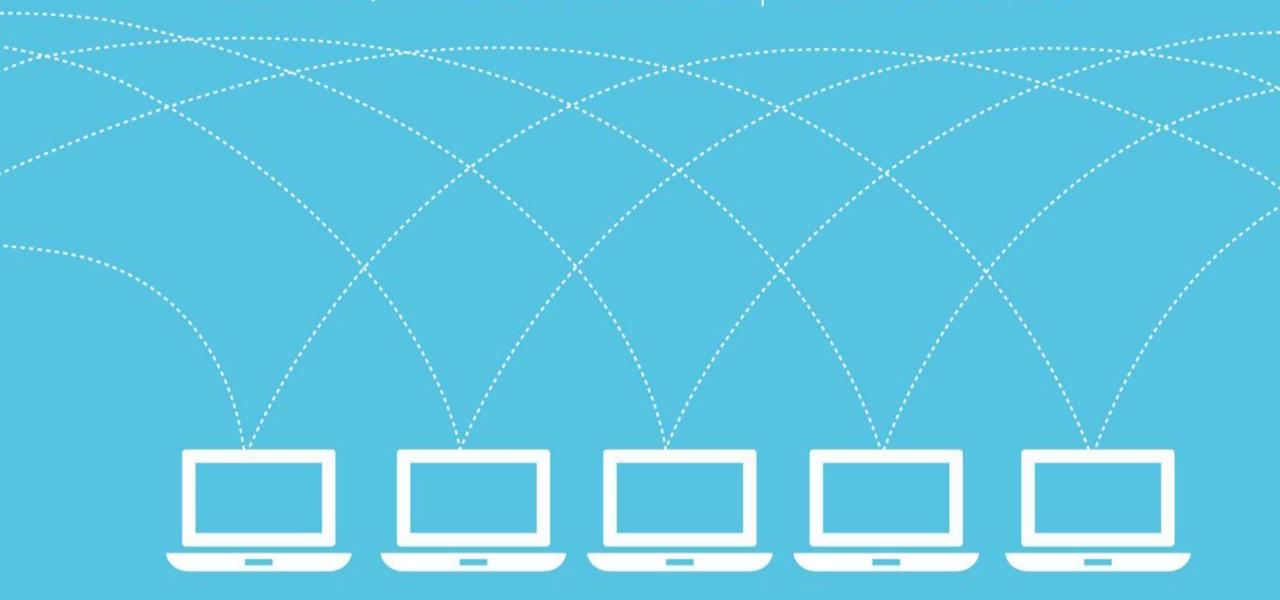


REPORT, NOVEMBER 2016 | BLOCKCHAIN



Tracxn

World's Largest Startup Research Platform



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Sector Overview

Scope of Report:

This report is a quantitative analysis on the funding and founding data on 600 companies that are working on the distributed ledger technology to optimize business processes for enterprises and create newer peer-to-peer markets for consumers.

Blockchain, the technology underpinning Bitcoin, the cryptocurrency is an ecosystem level solution that has been seen by any as the technology possessing the potential to unlock operational efficiencies across businesses in Financial Services, Healthcare, Retail among others.

Summary of Insights:

- The year on year companies founded stands at 113 as of September 2016, compared to 193 for 2015, this data point suggests a market correction in terms of adoption of more realistic use-cases against the panacea sentiment propelled during peak hype levels of 2015.
- The year on year Dollars invested in Blockchain companies was at \$304M as of September 2016, compared to \$225M in 2015 suggests a bullish investor take on the technology, however, this can also be attributed to new investors' interest, driven by media hype.
- The year on year distribution of funding rounds stands at 26/42 (seed/early) as of September 2016, as compared to 25/54 for 2015, with no late stage rounds coming up in both years, this data point suggests that:
 - the industry is still in nascent stage which can be alternately explained by founders experimenting with multiple use-cases, thereby increasing the potential for seed stage investments in the space
 - while early stage still appears to be stagnant over 2015-16, considering there are 3 months remaining in 2016, this can be attributed to a decrease in number of companies advancing to the next level, accompanied by an increase in new use-cases being added to the pipeline.



Scope of Report

Entrepreneur Activity

Investment Trend

Who is Investing

Exit Outlook - IPO, Acquisitions

Sub Sector Analysis

Interesting Companies

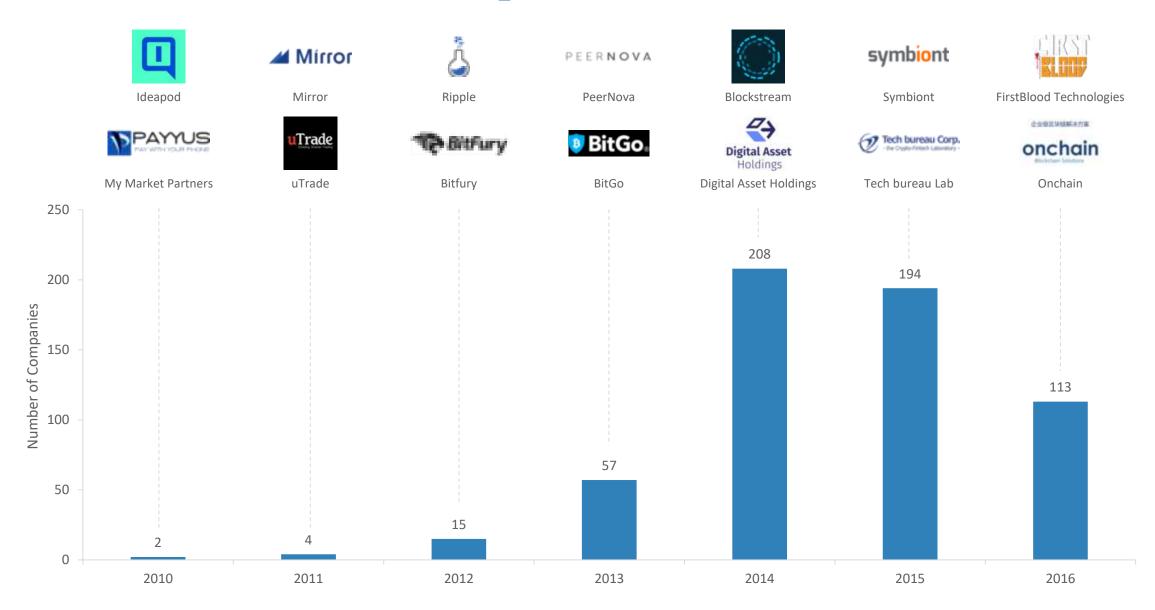
Useful Links

Company List

Team



YoY - Number of companies founded





Large Upcoming Sectors

No. of Companies Founded	Average Age	No. of Companies Funded	Business Model	Total Funding		Example
71	Sep-2014	14	Consumer	\$25M		First Blood Technologies 2016, Boston
16	Sep-2014	3	Enterprise > Governance solutions	\$268K		Democracy Earth Foundation 2012, San Francisco
14	Sep-2014	0	Technology > Blockchain Education	-		The Distributed Ledger 2016, Nashville
27	Aug-2014	8	Financial services > Investing	\$3M		PeerHood 2016, San Francisco
17	Aug-2014	4	Financial services > Banking	\$1M	moni	MONI 2014, London
17	Jul-2014	9	Financial services > Risk management	\$24M	COINALYTICS	Skry 2013, Mountain View
15	Jul-2014	4	Financial services > Investing > Crowdfunding	\$3M		Waves Blockchain Tokens Platform 2016, Moscow
13	Jul-2014	3	Consumer > Social networks	\$4M		Status 2015, Berlin



Niche Upcoming Sectors

No. of Companies Founded	Average Age	No. of Companies Funded	Business Model	Total Funding		Tracxn Picks
11	May-2015	0	Financial services > Insurance	-	\$	Soramitsu 2016, Tokyo
10	Apr-2015	1	Consumer > Digital Content	\$2M	DECENT	Decent 2015, Geneva
9	Jan-2015	1	Enterprise > Record Keeping > Electronic Health Records	\$250K	burstiQ	burstIQ 2015, Denver
7	Jan-2015	1	Consumer > Energy	\$60K	theSunExchange	The Sun Exchange 2014, Cape Town
4	Sep-2014	1	Consumer > Gaming platform	\$6M		FirstBlood Technologies 2016, Boston
10	Aug-2014	3	Financial services > Risk management > Payments	\$21M	BitGo.	BitGo 2013, San Francisco
11	Jul-2014	4	Financial services > Trade Finance	\$3M	\approx	Fluent Network 2014, St. Louis
11	Jul-2014	3	Technology > Sidechain	\$77M	0	Blockstream 2014, San Francisco



Niche Upcoming Sectors

No. of Companies Founded	Average Age	No. of Companies Funded	Business Model	Total Funding		Tracxn Picks
8	Jul-2014	1	Enterprise > Supply Chain	\$2M	* INSTASUPPLY	InstaSupply 2014, London
7	Apr-2014	1	Enterprise > Internet Of Things	\$12M	\(\)	Filament 2012, Reno
9	Jan-2014	3	Financial services > Accounting	\$3M	Love Will Inc.	Love Will Inc 2014, St. Louis
13	Nov-2013	7	Enterprise > Security	\$13M	3	Guardtime 2007, Irvine
7	Apr-2012	3	Financial services > Payments > Loyalty & Rewards	\$2M	lowal	Loyyal 2014, San Diego



Scope of Report

Entrepreneur Activity

Investment Trend

Who is Investing

Exit Outlook - IPO, Acquisitions

Sub Sector Analysis

Interesting Companies

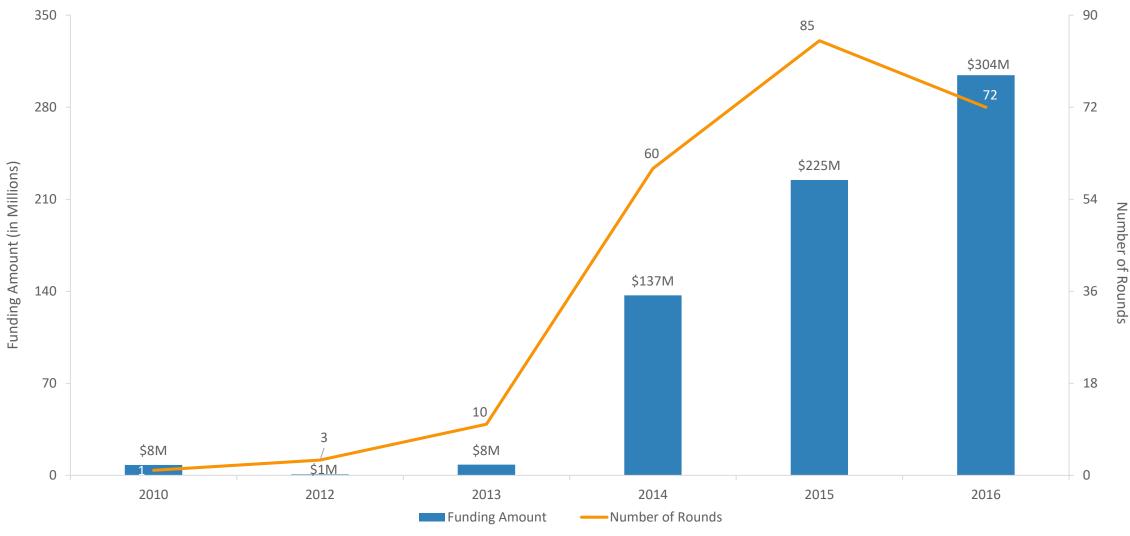
Useful Links

Company List

Team



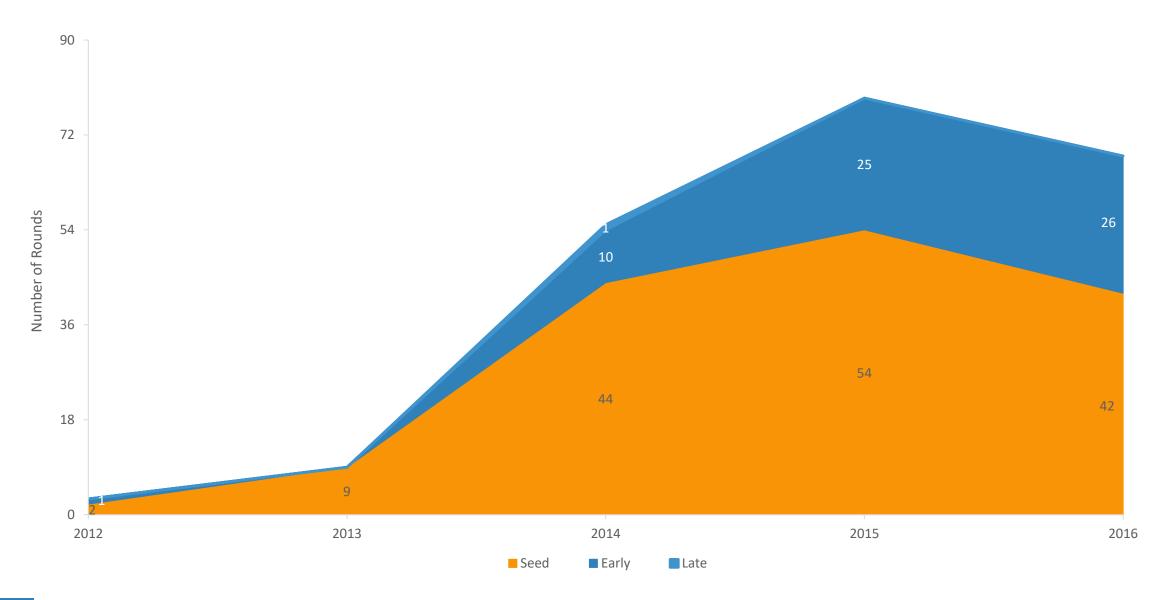
YoY - Number of Rounds and Total Funding



Note: The funding includes debt rounds also.

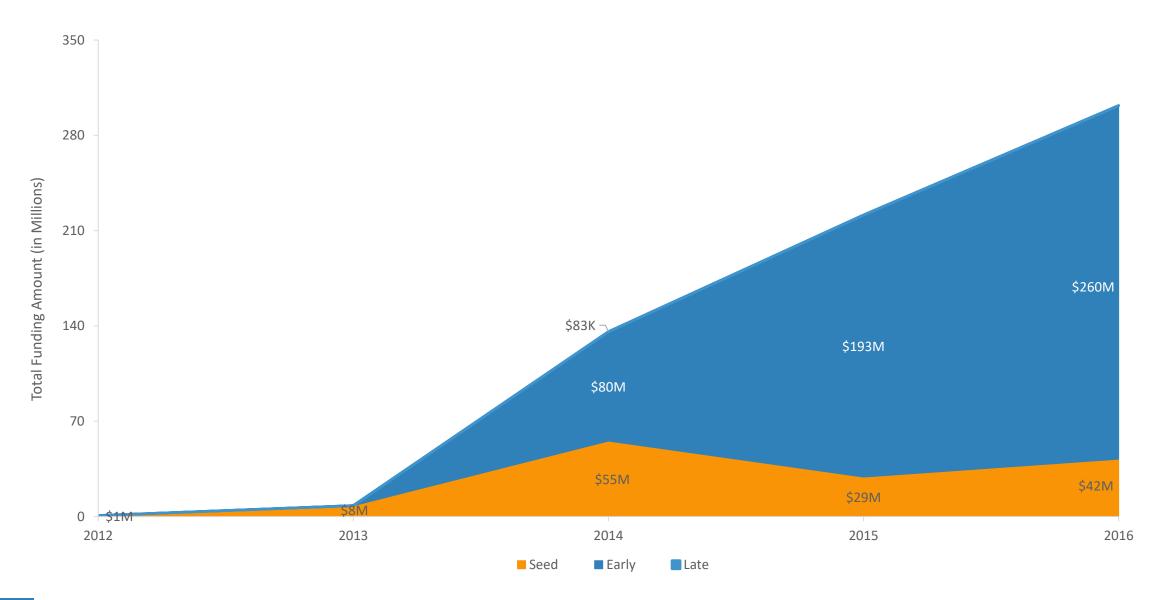


YoY - Number of Rounds by Stage



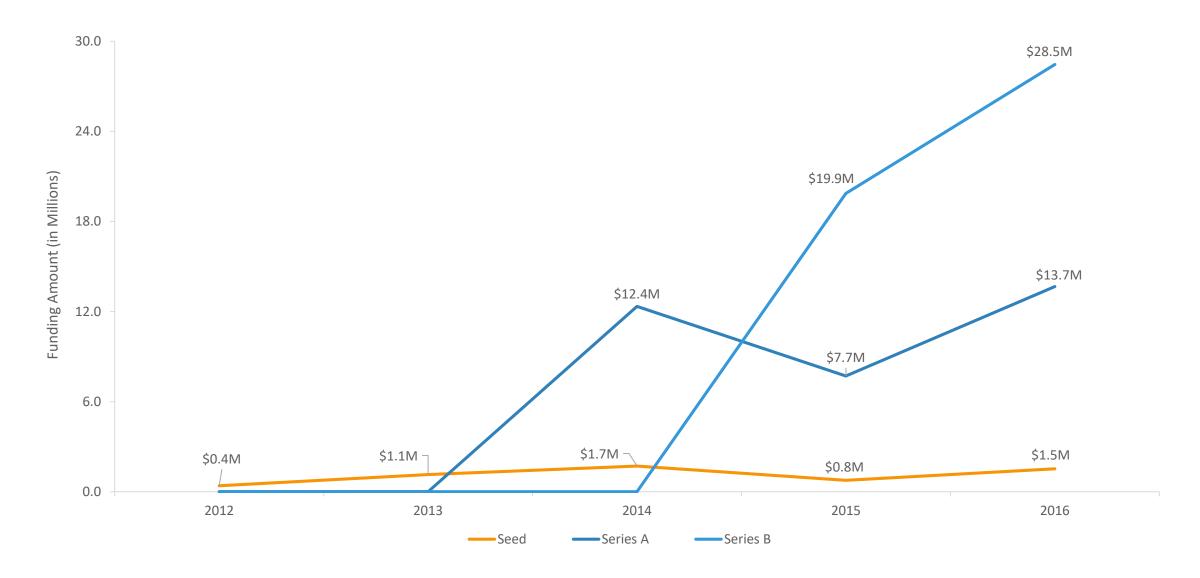


YoY - Funding by Stage





Average Ticket Size - Early Stage





Top investments in last one year

	Company	Funding Amount	Round Name	Date	Investors
Digital Asset Holdings	Digital Asset Holdings (New York City, 2014)	\$60M	Series A	Jan-2016	ABN AMRO Bank, Accenture, Australian Securities Exchange, BNP Paribas, Broadridge Financial Solutions, Citigroup, CME Group, Deutsche, ICAP, J.P. Morgan, Santander InnoVentures, DTCC, PNC Financial Services Group, Goldman Sachs, IBM
0	Blockstream (San Francisco, 2014)	\$55M	Series A	Feb-2016	Horizons Ventures, AXA Strategic Ventures, Digital Garage, AME Cloud Ventures, Blockchain Capital, Future Perfect Ventures, Khosla Ventures, Mosaic Ventures, 7seasvc.com
٥	Ripple (San Francisco, 2012)	\$55M	Series B	Sep-2016	Standard Chartered, SBI Holdings, SCB Digital Ventures
JU TESS 全地 JUZHEN	JUZHEN (Shanghai, 2014)	\$23M	Series A	Sep-2016	Wanxiang Group Corporation
	Align Commerce (San Francisco, 2014)	\$13M	Series A	Nov-2015	KPCB, Silicon Valley Bank, Pantera Capital, Digital Currency Group, Recruit Strategic Partners
colu.	Colu (Tel Aviv, 2014)	\$10M	Series A	Jun-2016	Spark Capital, BoxGroup, Digital Currency Group, Aleph Venture Capital
Digital Asset Holdings	Digital Asset Holdings (New York City, 2014)	\$7M	Series A	Jun-2016	Australian Securities Exchange
Gem	Gem (Venice, 2014)	\$7M	Series A	Jan-2016	Pelion Venture Partners, KEC Ventures, Blockchain Capital, Digital Currency Group, RRE Ventures, Tekton Ventures, Amplify

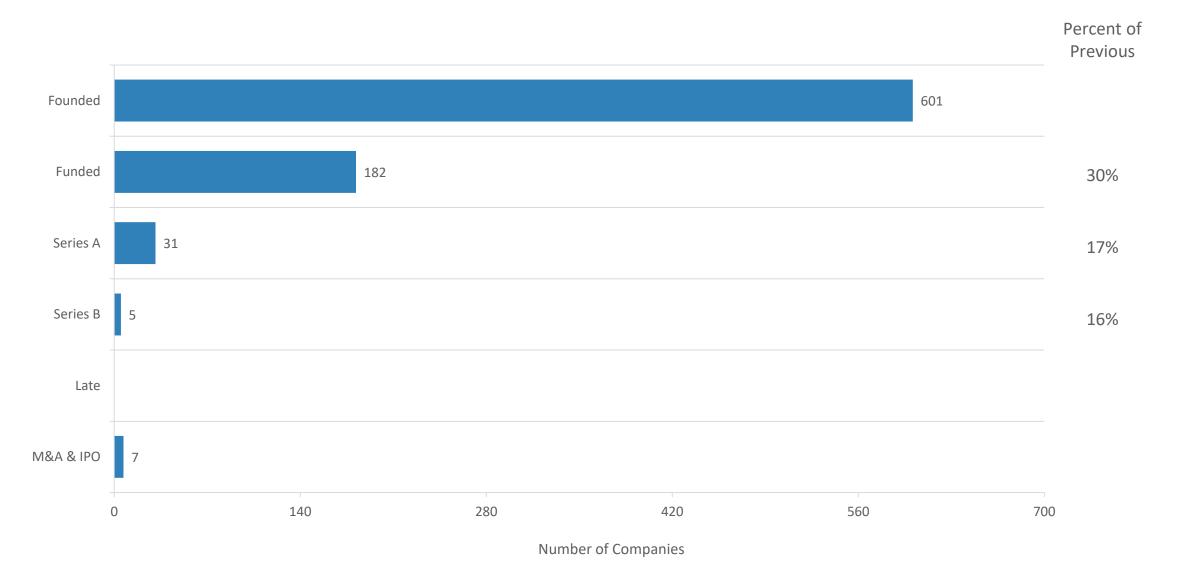


Top investments in last one year

(Company		Round Name	Date	Investors
symbiont	Symbiont (New York City, 2015)	\$7M	Series A	Jan-2016	
Tech bureau Corp.	Tech bureau Lab (Osaka, 2015)	\$6M	Series A	May-2016	Arara, Infoteria, OKWAVE, Nippon Technology Venture Partners, Money Partners Group, Hiroshima Venture Capital
EKS1	FirstBlood Technologies (Boston, 2016)	\$6M	Equity Crowdfunding	Sep-2016	
augur	Augur (San Francisco, 2014)	\$5M	Series A	Oct-2015	
To price on the federal	Elliptic (London, 2014)	\$5M	Series A	Mar-2016	Paladin Capital Group, Santander InnoVentures, KRW Schindler Private Ventures, Digital Currency Group, Octopus Ventures
	Stem Disintermedia (Los Angeles, 2015)	\$5M	Seed	Apr-2016	Upfront Ventures, Vayner/RSE, Three Six Zero, Ludlow Ventures, Blockchain Capital, Third Wave Digital
	Bubi Network Technology (Beijing, 2015)	\$4M	Seed	Aug-2016	QF Capital
٥	Ripple (San Francisco, 2012)	\$4M	Series A	Oct-2015	Santander InnoVentures



Funnel view of Sector

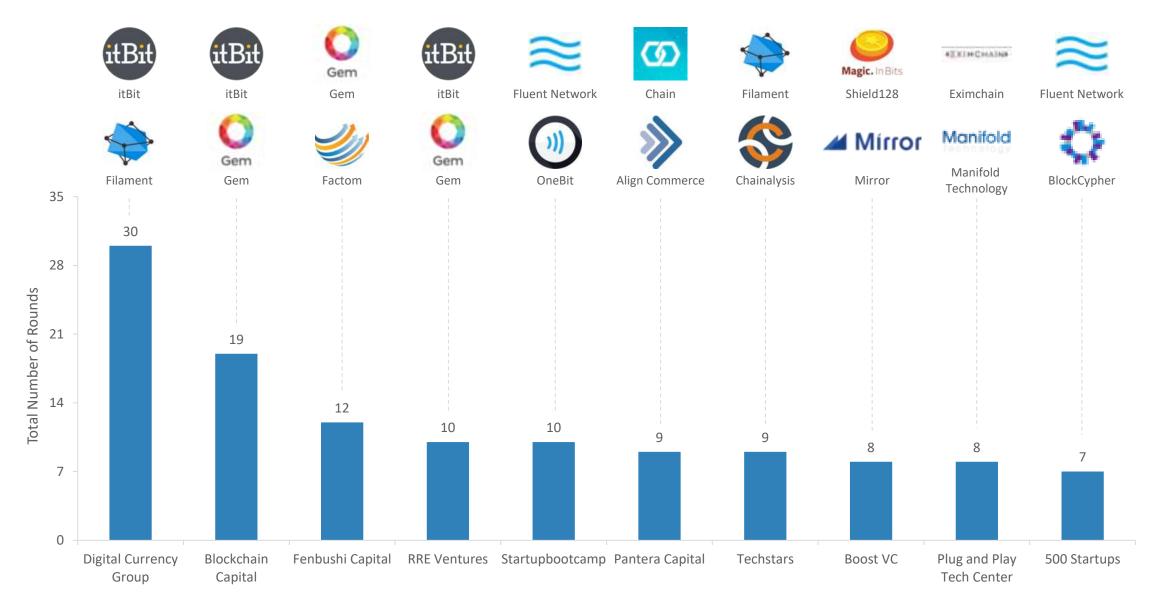




Scope of Report **Entrepreneur Activity Investment Trend** Who is Investing Exit Outlook - IPO, Acquisitions **Sub Sector Analysis Interesting Companies Useful Links Company List** Team



Most Active Investors in Sector





Where are Top Investors investing

	Digital Currency Group	Blockchain Capital	Fenbushi Capital	RRE Ventures	Startupboo tcamp	Pantera Capital	Techstars	Boost VC	Plug and Play Tech Center	500 Startups
Financial services	itBit, Fluent Network, Grayscale	itBit, LedgerX, Ripple	Fluent Network Symbiont Everledger	itBit Ripple	Fluent Network OneBit Factury	Align Commerce Zcash Electric Coin Company	Chainalysis Swarm Everledger	Align Commerce	Eximchain Manifold Technology Epiphyte	Fluent Network Skry Sabr
Technology	Gem, Chain, Colu	Gem, Blockstream, Bitfury	Gem Ethcore BlockApps	Gem Chain Mirror		Chain		Mirror BlockCypher	ChromaWay	BlockCypher Neuroware
Enterprise	Filament, Mediachain, Filecoin	Stem Disintermedia , Civic Technologies, Tierion	Factom Nebulous Tierion	Mediachain	Otonomos Tradle Doqum.io	Chronicled Civic Technologies	Filament Ben Ben Ltd	Shield128 Stampery Bitproof	Netki Airbitz Trustatom	
Consumer	Revelator, ,	,,		OB1		artCOA		The Sun Exchange		
DAO	,,	,,								



Top Investor by Stage of Entry

Seed		Series A		Series B		Later Stage	
Digital Currency Group	13	Digital Currency Group	8	Capital One	1	Investor Name	1
Blockchain Capital	7	RRE Ventures	5	DRW	1		
Fenbushi Capital	7	Blockchain Capital	4	Fiserv	1		
500 Startups	6	Santander InnoVentures	3	Investment Fund	1		
Boost VC	6	AME Cloud Ventures	2	Investor Name	1		
Plug and Play Tech Center	5	BoxGroup	2	Khosla Ventures	1		
Startupbootcamp	5	CME Group	2	NASDAQ	1		
Liberty City Ventures	4	Crosslink Capital	2	Orange	1		
RRE Ventures	4	Horizons Ventures	2	Pantera Capital	1		
Y Combinator	4	Khosla Ventures	2	RRE Ventures	1		



Scope of Report **Entrepreneur Activity Investment Trend** Who is Investing Exit Outlook - IPO, Acquisitions **Sub Sector Analysis Interesting Companies Useful Links Company List** Team



Major Acquisitions in last one year

Date	Company		Acquirer	Overview
Apr-2016		Elevence Digital Finance (Zurich, 2015)	digitalasset.com	Technology for rights/obligation determination on blockchain
Mar-2016	XAPCASH	XAPCASH Technologies (Vancouver, 2015)	blockchaintechltd.com	Blockchain based remittance company
Oct-2015	blockstack <labs></labs>	Blockstack (San Francisco, 2015)	digitalasset.com	Enterprise software stack for financial services to create blockchain 2.0 applications quickly and easily.



Scope of Report **Entrepreneur Activity Investment Trend** Who is Investing Exit Outlook - IPO, Acquisitions **Sub Sector Analysis Interesting Companies Useful Links Company List** Team

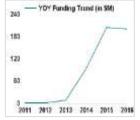




Tracxn BlueBox : Blockchain Applications

October 2016





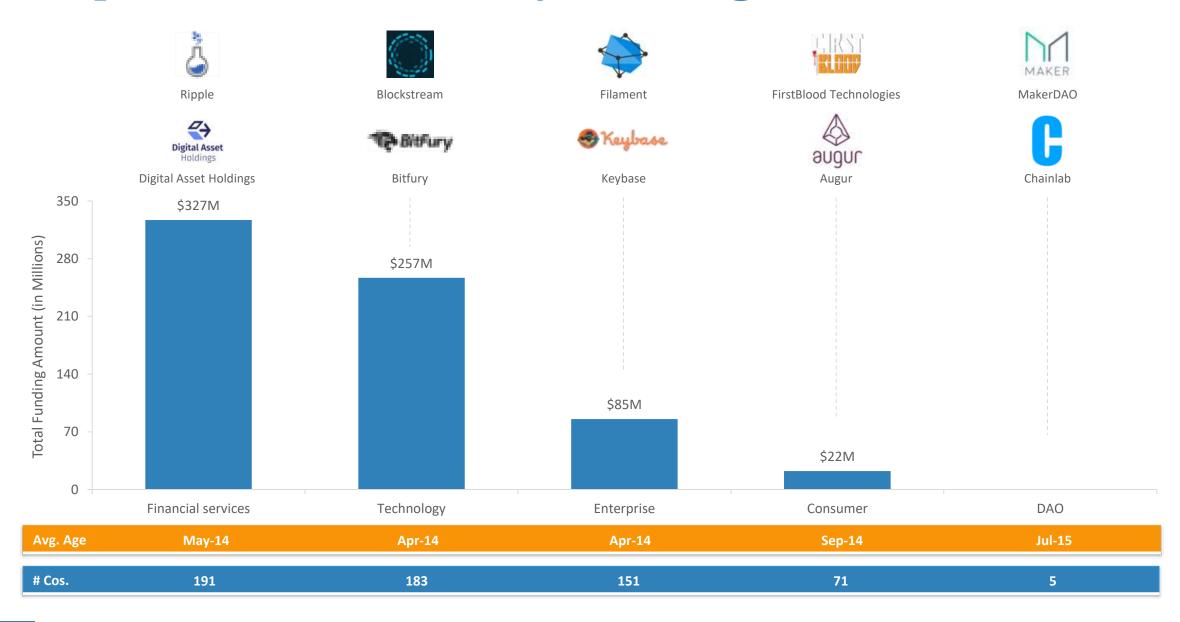
600 companies in the sector, **181** funded, **\$530M** invested in 2015/2016 **Most Active Investors**: Digital Currency Group, Fenbushi Capital, Pantera Capital, Blockchain Capital

FINANCIAI	L SERVICES \$326M
Trading Digital Asset Holdings (2014, \$67M)	Payments Ripple Labs (2012, \$91M)
Trade Finance Waves Blockchain Token Platform (2016, \$2M)	Risk Management BitGo (2013, \$12M)
TECHNOLOG	SY ENABLERS \$256M
Side Chain Blockstream (2014, \$76M)	Application Development Platforms Bitfury (2012, \$65M)
Smart Contracts Mirror (2011, \$13M)	Service Providers TradeBlock (2013, \$2.8M)
CONSUMER \$22M	ENTERPRISE SOLUTIONS \$85M
Prediction Markets Augur Project (2014, \$5M)	Internet of Things Filament (2012, \$11M)
Gaming Platform FirstBlood Technologies (2016, \$5.5M)	Distributed Storage Keybase (2013, \$11M)

Cumulative funding in the sector



Top Business Models by Funding





Financial services - Business Model Description

Applications of Blockchain Technology in Financial Services

Payments

Companies enabling payments through blockchain

Trading

Blockchain based trading/setllement/mark et level solutions

Investing

Investing and crowdfunding platforms that enable digital asset tokenization

Banking

Blockchain based banking solutions

Risk management

Blockchain security and risk management



























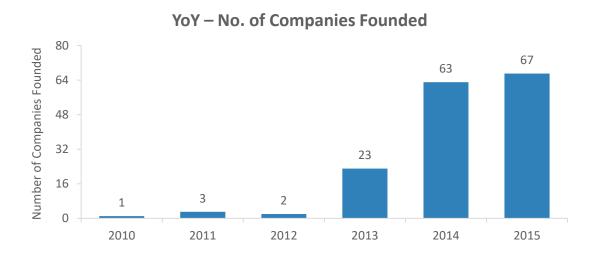


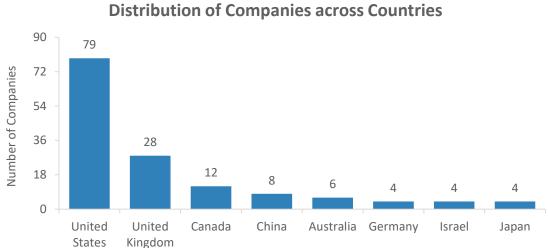


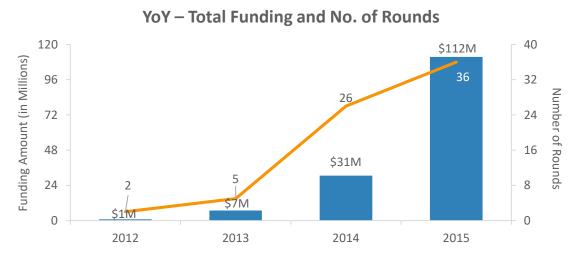


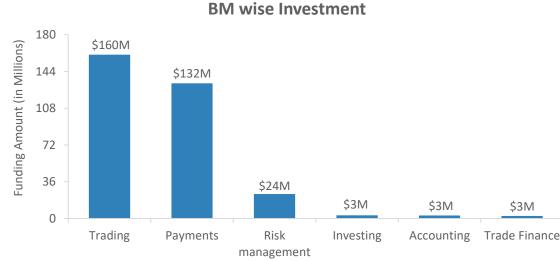


Financial services – Entrepreneur Activity and Investment Trend











Financial services - Most Funded Companies

	Company	Overview	Business Model	Funding Amount
٥	Ripple (2012, San Francisco)	Open source payment protocol Standard Chartered, AME Cloud Ventures, Seagate, CME Group, IDG Capital Partners, RRE Ventures, Venture 51, Core VC, ChinaRock Capital Management, SBI Holdings, Route 66 Ventures, Camp One Ventures, Blockchain Capital, Santander InnoVentures, Digital Currency Group, SCB Digital Ventures	Financial services > Payments > Money Transfer	\$90.5M
Digital Asset Holdings	Digital Asset Holdings (2014, New York City)	Market level solutions based on Blockchain Accenture, IBM, Goldman Sachs, Broadridge Financial Solutions, Citigroup, J.P. Morgan, CME Group, BNP Paribas, ABN AMRO Bank, Australian Securities Exchange, PNC Financial Services Group, Deutsche, DTCC, ICAP, FinTech Innovation Lab, Santander InnoVentures	Financial services > Trading > Capital markets	\$67.16M
itBit	itBit (2012, Tower)	Provider of Trading & Settlement platforms Canaan Partners, RRE Ventures, Liberty City Ventures, Raptor Group, Blockchain Capital, Digital Currency Group	Financial services > Trading > Capital markets	\$28.25M
JU 知劳金融 JUZHEN	JUZHEN (2014, Shanghai)	Blockchain technology provides for financial institutions Wanxiang Group Corporation	Financial services > Trading > Capital markets	\$22.5M
PEERNOVA	PeerNova (2013, San Jose)	Provider of cryptographic development platform Overstock, Crypto Currency Partners, Mosaik Partners, Blockchain Capital	Financial services > Trading > Capital markets	\$19.6M
(D)	Uphold (2014, San Francisco)	Multiple currency reserve and exchange platform.	Financial services > Payments > Money Transfer	\$15.52M
***	Align Commerce (2014, San Francisco)	Blockchain as a Settlement Rail for Payments. KPCB, Silicon Valley Bank, Recruit Strategic Partners, Boost VC, Bay Hill Capital Advisors, Fenway Summer, R3 Investment Group, Firestartr, Pantera Capital, Nyca Partners, Pivot Investment Partners, Digital Currency Group	Financial services > Payments > Money Transfer	\$12.5M
BitGo.	BitGo (2013, San Francisco)	Multi-signature security for cryptocurrency payments Redpoint Ventures, Founders Fund, A-Grade Investments, Inventures Group, Bridgescale, Liberty City Ventures, Blockchain Capital, Digital Currency Group, BitFury Capital	Financial services > Risk management > Payments	\$12M



Technology - Business Model Description

Companies enabling blockchain technology implementation

Application development platform

Blockchain application development platforms

colu.



Bitfury



Service providers

Companies that provide blockchain development as a service







Smart Contracts

Companies providing smart contracts technology









Blockchain Education

Companies running training programs and workshops for blockchain education

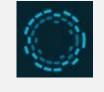






Sidechain

enabling Companies sidechain innovation



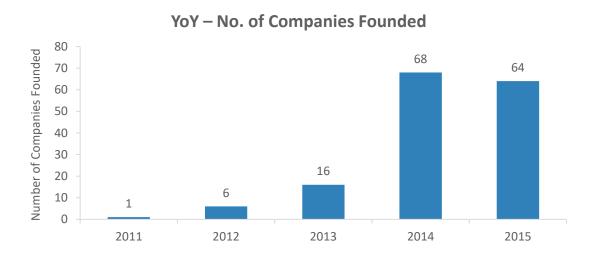


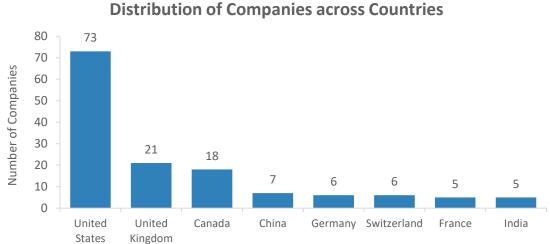


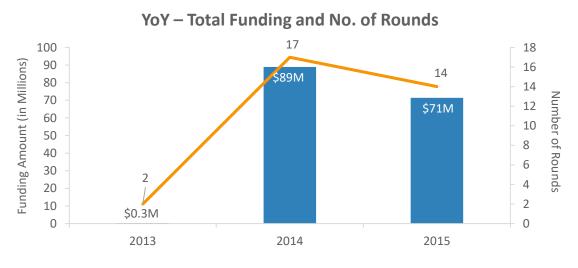


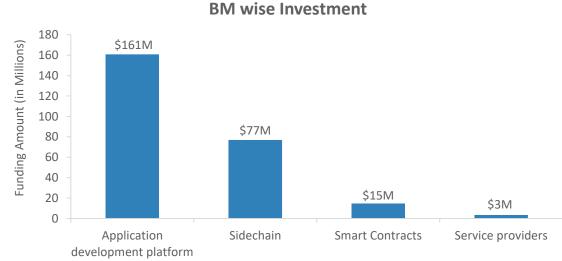


Technology – Entrepreneur Activity and Investment Trend











Technology - Most Funded Companies

C	Company	Overview	Business Model	Funding Amount
0	Blockstream (2014, San Francisco)	Blockchain development focused on sidechains innovation Khosla Ventures, AME Cloud Ventures, Innovation Endeavors, Horizons Ventures, Ribbit Capital, Real Ventures, Digital Garage, DG Incubation, SK Ventures, Future Perfect Ventures, Maiden Lane, Mosaic Ventures, Blockchain Capital, AXA Strategic Ventures, 7seasvc.com	Technology > Sidechain	\$76M
R BitFury	Bitfury (2012, San Francisco)	Provider for Bitcoin mining hardware DRW, Investment Fund, Crypto Currency Partners, Binary Financial, ZAD, Blockchain Capital, QueensBridge Venture Partners, iTech Capital	Technology > Application development platform	\$65M
	Chain (2014, San Francisco)	Designing blockchain applications for organizations Capital One, VISA, NASDAQ, SV Angel, Khosla Ventures, Thrive Capital, RRE Ventures, Betaworks, Homebrew, Fiserv, Orange, Firestartr, Pantera Capital, ventures.citi.com, Blockchain Capital, Digital Currency Group, BoxGroup	Technology > Application development platform	\$43.7M
✓ Mírror	Mirror (2011, New York City)	OTC trading & hedging platform provider Battery Ventures, Correlation Ventures, Crosslink Capital, Promus Ventures, Ludlow Ventures, RRE Ventures, Boost VC, Route 66 Ventures	Technology > Smart Contracts > Financial Assets	\$12.8M
colu.	Colu (2014, Tel Aviv)	Bitcoin based asset issuance and management platform Spark Capital, Aleph Venture Capital, Digital Currency Group, BoxGroup	Technology > Application development platform	\$12.1M
Gem	Gem (2014, Venice)	Platform to develop blockchain applications First Round Capital, MESA Ventures, Metamorphic Ventures, RRE Ventures, Tekton Ventures, Pelion Venture Partners, Siemer Ventures, Baroda Ventures, Birchmere Ventures, KEC Ventures, Idealab, Amplify, Birchmere Labs, Crypto Currency Partners, Wavemaker Partners, Blockchain Capital, Digital Currency Group, Fenbushi Capital	Technology > Application development platform	\$10.4M
Tech bureau Corp	Tech bureau Lab (2015, Osaka)	Japanese cryptocurrency technology company and Bitcoin Exchange operator Nippon Technology Venture Partners, Infoteria, OKWAVE, Arara, Money Partners Group, Hiroshima Venture Capital	Technology > Application development platform	\$7.04M
E	Bubi Network Technology (2015, Beijing)	Blockchain development platform QF Capital	Technology > Application development platform	\$4.49M



Enterprise - Business Model Description

Enterprise applications of Blockchain

Ownership Authentication

Authentication and verification over blockchain

Distributed Identity

Identity storage over blockchain

onename

Record Keeping

Record keeping over blockchain



Governance Solutions

Blockchain based governance/organisation management solutions



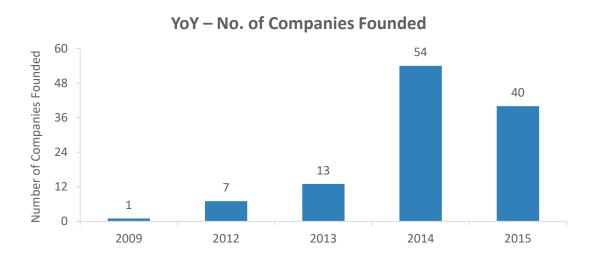
Security

Blockchain based Enterprise security solutions

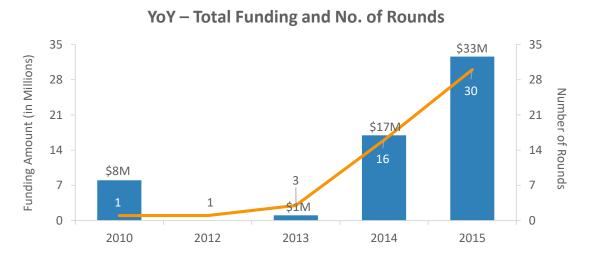


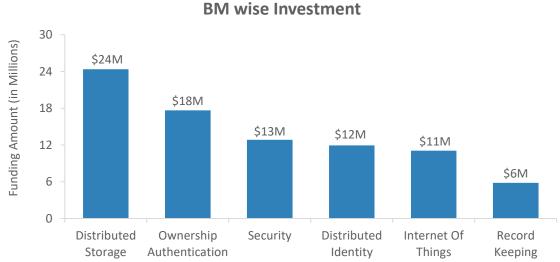


Enterprise – Entrepreneur Activity and Investment Trend











Enterprise - Most Funded Companies

Company		Overview	Business Model	Funding Amount
\(\)	Filament (2012, Reno)	Decentralized Internet of Things stack Techstars, Crosslink Capital, Resonant Venture Partners, Samsung Venture Investment, Bullpen Capital, Verizon Ventures, Digital Currency Group, Working Lab Capital, Zenstone Venture Capital, VTF Capital	Enterprise > Internet Of Things	\$11.08M
≪ Keybase	Keybase (2013, New York City)	Identity mapping service with public keys Andreessen Horowitz, Corazon Capital	Enterprise > Distributed Storage	\$10.8M
3	Guardtime (2007, Irvine)	Big data & blockchain based threat detection & mitigation Microsoft Ventures, Skype, Horizons Ventures, Infocomm Investments, Ambient Sound Investments, FIT One, thevine.irvinecompany.com/orange-county	Enterprise > Security	\$8.73M
To print our to dissense	Maidsafe (2013, Troon)	Decentralized platform for application developers.	Enterprise > Distributed Storage	\$6M
©	Chronicled (2014, San Francisco)	Product authentication on blockchain Mandra Capital, Social Starts, Pantera Capital, Colbeck	Enterprise > Ownership Authentication > Products	\$5.33M
**	Stem Disintermedia (2015, Los Angeles)	Digital rights management Upfront Ventures, Ludlow Ventures, Three Six Zero, Third Wave Digital, Vayner/RSE, Blockchain Capital	Enterprise > Ownership Authentication > Digital Rights Management	\$4.5M
IPFS	Protocol Labs (2014, San Francisco)	Blockchain network service providers	Enterprise > Distributed Storage	\$3.73M
NETKI	Netki (2014, Canoga Park)	Wallet naming service. O'Reilly AlphaTech Ventures, Plug and Play Tech Center, Bitfinex, Base Ventures, Digital Currency Group, The Husseini Group, Colle Capital	Enterprise > Distributed Identity	\$3.5M



Consumer - Business Model Description

Marketplaces powered by blockchain

Art & Music Distribution

Art/music distribution marketplaces

Social Networks

Blockchain powered interaction social networks/communities

Digital Content

Digital content marketplaces

P2P Commerce

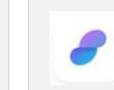
Blockchain based P2P commerce platforms

Decentralized Voting

Blockchain based decentralized voting platforms



























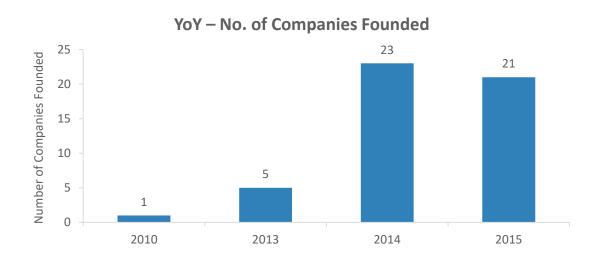


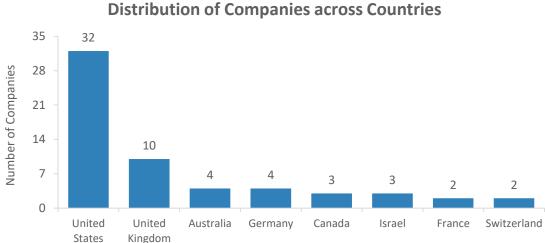


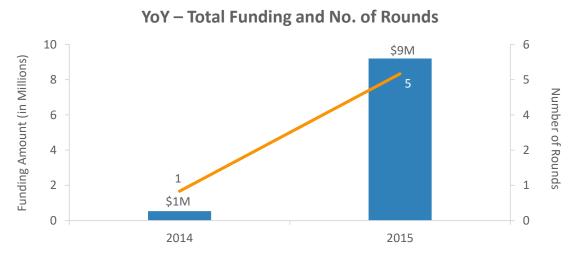


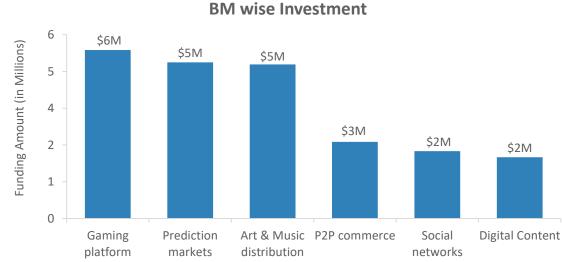


Consumer – Entrepreneur Activity and Investment Trend











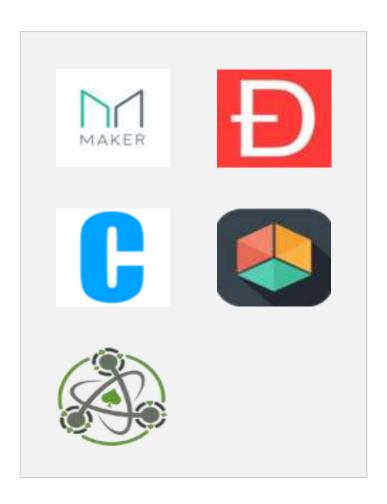
Consumer - Most Funded Companies

	Company	Overview	Business Model	Funding Amount
CIKST	FirstBlood Technologies (2016, Boston)	Decentralized eSports platform	Consumer > Gaming platform	\$5.5M
augur	Augur (2014, San Francisco)	Open-Source, decentralized prediction market platform.	Consumer > Prediction markets	\$5.1M
Revelator	Revelator (2013, Jerusalem)	Cloud-based marketing solutions for music professionals Digital Currency Group, Exigent	Consumer > Art & Music distribution	\$3M
ОВ1	OB1 (2015, Fairfax)	Blockchain based P2P marketplace Andreessen Horowitz, Union Square Ventures, RRE Ventures	Consumer > P2P commerce	\$2.5M
DECENT	Decent (2015, Geneva)	Decentralized content distribution platform	Consumer > Digital Content	\$2M
	artCOA (2015, San Francisco)	Blockchain based company builder Pantera Capital	Consumer > Art & Music distribution	\$1.4M
	Status (2015, Berlin)	Messaging service on Ethereum blockchain	Consumer > Social networks	\$1.2M
i	The World Table (2013, Orem)	A comment system to improve online engagement, build writer credibility, and stop trolls.	Consumer > Social networks	\$1M



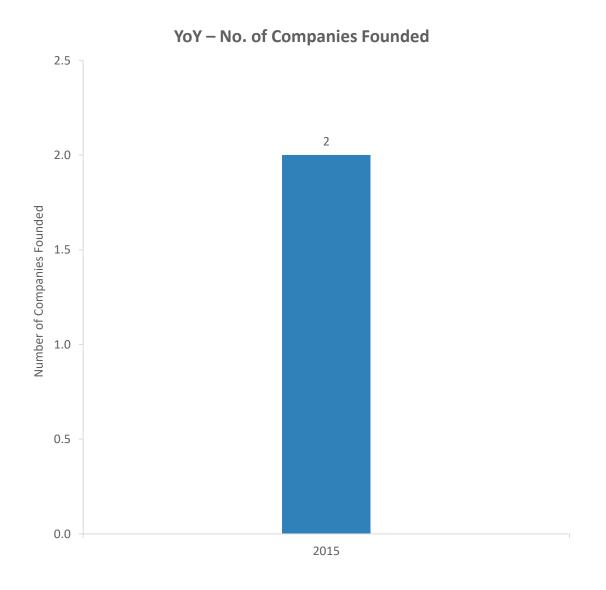
DAO - Business Model Description

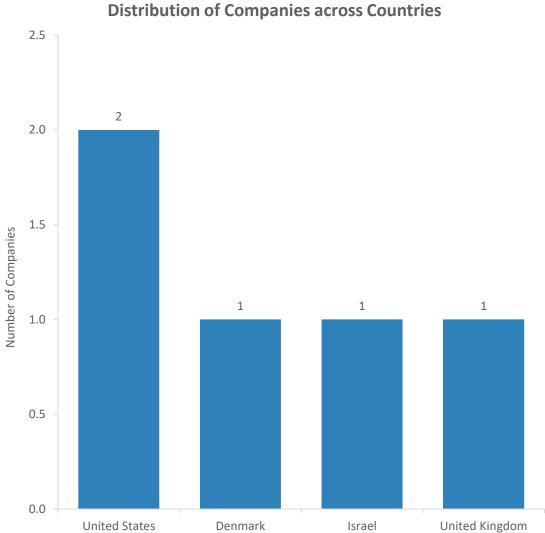
Smart contracts driven decentralized autonomous organizations





DAO – Entrepreneur Activity and Investment Trend







DAO - Interesting Companies

	Company	Overview	Business Model
MAKER	MakerDAO (2015, Copenhagen)	DAO managing alternative cryptocurrency	DAO
C	Chainlab (2016, Tel Aviv)	DAO creation platform B <i>itmain</i>	DAO
Ð	The DAO (2016, San Francisco)	Decentralized Autonomous Organization running projects for the sharing economy	DAO
	BXD (2016, London)	Ethereum based blockchain DAO	DAO
	Pokereum (2015, New York City)	Decentralized poker	DAO



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Interesting Unfunded Companies

	Company	Overview	Business Model
R®	R3 (2013, New York City)	Blockchain technology provider to capital markets	Financial services > Trading > Capital markets
> <	Dragonfly FinTech (2015, Singapore)	Blockchain based remittance services	Financial services > Payments > Money Transfer
	Polycoin (2014, Tel Aviv)	Blockchain identity and asset transfer solutions for banks	Financial services > Risk management > Payments
billon	Billon Cash (2015, Warsaw)	Digital fiat currency solution provider	Financial services > Payments > Digital fiat currency
	Axoni (2016, New York City)	Blockchain solutions for capital markets	Financial services > Trading > Capital markets
Slock.it	Slock.it (2015, Mittweida)	Block chain based IoT smart contract solution	Enterprise > Internet Of Things
CREDITS	Credits (2014, London)	Blockchain enabled platform	Technology > Sidechain
	ChainReactor (2016, Indianapolis)	Blockchain development platform supporting multiple chains	Technology > Application development platform

Curated list of companies by the sector analyst are defined as Interesting



Interesting Unfunded Companies

	Company	Overview	Business Model
GeoPay	GeoPay (2014, Sandton)	Mobile wallet payment and money transfer service provider.	Financial services > Payments > Money Transfer
PROPERTY	Smartproperty.io (2013, London)	IoT and smart contracts based solution for real estate and hospitality properties	Technology > Smart Contracts > Real Estate
Propy	Propy (2015, Menlo Park)	Real Estate marketplace powered by blockchain based property registration	Technology > Smart Contracts > Real Estate
3	Humanitarian Blockchain (2016, London)	Blockchain consultancy for global e-governance and humanitarian affairs.	Enterprise > Governance solutions
WageCan	WageCan (2014, Taipei)	Wages and payments in blockchain assets	Financial services > Payments > Money Transfer
Syscoin	Syscoin (2014, Brasilia)	Blockchain services for merchants via marketplace	Consumer > P2P commerce
	Coinprism (2013, Dublin)	Wallet for digital contracts using color coins	Financial services > Payments > Money Transfer
*	Ethereum (2012, Toronto)	Cryptocurrency 2.0 Network	Technology > Application development platform



Interesting Unfunded Companies

	Company	Overview	Business Model
	Tether (2014, Santa Monica)	Digital tokens for fiat curreny using blockchain network.	Financial services > Payments > Money Transfer



Interesting Seed Companies

	Company	Overview	Business Model	Total Funding
	Chronicled (2014, San Francisco)	Product authentication on blockchain Mandra Capital, Social Starts, Pantera Capital, Colbeck	Enterprise > Ownership Authentication > Products	\$5.33M
٥	BlockCypher (2013, Redwood City)	Cloud-optimized full blockchain nodes NEA, 500 Startups, AME Cloud Ventures, Foundation Capital, Fenox Venture Capital, Granite Ventures, Boost VC, Upside Partnership, Voylet Capital, Streamlined Ventures, Blockchain Capital, QueensBridge Venture Partners	Technology > Application development platform	\$3.5M
Solid X	SolidX Partners (2014, New York City)	Digital currency investment software and blockchain platform Red Swan Ventures, Liberty City Ventures, Raptor Group, Red Sea Ventures	Technology > Application development platform	\$3M
To Action for the Andread.	TradeBlock (2013, New York City)	Online cryptocurrency data and research Andreessen Horowitz, Data Collective, FinTech Collective, Digital Currency Group	Technology > Service providers	\$2.8M
OB1	OB1 (2015, Fairfax)	Blockchain based P2P marketplace Andreessen Horowitz, Union Square Ventures, RRE Ventures	Consumer > P2P commerce	\$2.5M
HEDGY	Hedgy (2014, San Francisco)	Marketplace for hedging contracts on the Bitcoin. Sand Hill Angels, 2020 Ventures	Technology > Smart Contracts > Financial Assets	\$1.97M
onename	Onename (2013, New York City)	Managing online identity and personal data Y Combinator, SV Angel, Union Square Ventures, Dorm Room Fund, High Line Venture Partners, Digital Currency Group	Enterprise > Distributed Identity	\$1.62M
loyyal	Loyyal (2014, San Diego)	Royalty network based on Bitcoin. Hayaat Group	Financial services > Payments > Loyalty & Rewards	\$1.5M



Interesting Seed Companies

	Company	Overview	Business Model	Total Funding
2 =	Mediachain (2015, New York City)	Digital media association on blockchain. Andreessen Horowitz, Union Square Ventures, RRE Ventures, LDV Capital, Digital Currency Group	Enterprise > Ownership Authentication > Digital Rights Management	\$1.5M
u Trade	uTrade (2011, Chandigarh)	Open-source multi-asset trading platform and blockchain based settlement/clearing Axis Capital, Morpheus Gang	Financial services > Trading > Capital markets > OTC Trading	\$800K
burst IQ	burstIQ (2015, Denver)	Cloud-based data aggregation platform for providers PV Ventures	Enterprise > Record Keeping > Electronic Health Records	\$250K
	Neema (2013, Tel Aviv)	Mobile wallet app provider to send money cross borders. Kima Ventures	Financial services > Payments > Money Transfer	\$250K
0	Everledger (2015, London)	Preventing diamond fraud and theft Techstars, Barclays Accelerator, Fenbushi Capital	Financial services > Risk management > Insurance Fraud	\$118K
TR	Trustatom (2014, Vancouver)	Enforceable digital contracts Plug and Play Tech Center	Enterprise > Ownership Authentication > Documents	\$100K
epiphyte	Epiphyte (2013, London)	Enterprise software for integrating financial institutions with cryptofinancial networks. Plug and Play Tech Center, Startupbootcamp	Financial services > Trading > Capital markets	\$70.35K
0	Tradle (2014, New York City)	SaaS on Bitcoin blockchain Startupbootcamp	Enterprise > Distributed Identity > Economic Identity	\$17K



Interesting Seed Companies

	Company	Overview	Business Model	Total Funding
sku chain	Skuchain (2014, San Francisco)	Blockchain based solution for B2B commerce Digital Currency Group, Amino Capital, fenbushicapital.com	Financial services > Trade Finance	
₿ BTL	Blockchain Tech LTD (2015, Vancouver)	Blockchain based development platforms for businesses Level39	Technology > Application development platform	
e currency	eCM (2014, Dublin)	Fiat digital currency issuing for central banks Omidyar Network	Financial services > Payments > Digital fiat currency	
COINFIRM	Coinfirm (2016, Warsaw)	Block Chain Space	Enterprise > Distributed Identity	
4DOMUSTOWER	Domus Tower (2014, San Francisco)	Realtime equity trade settlement solution Plug and Play Tech Center	Financial services > Trading > Capital markets	
\bowtie	Setl (2015, London)	Institutional payment and settlement infrastructure based on blockchain technology	Financial services > Trading > Capital markets	
	clearmatics (2015, London)	Clearing and settlement technology for financial OTC markets Route 66 Ventures, Nyca Partners, Tellurian Capital	Financial services > Trading > Capital markets > OTC Trading	
	SmartContracts (2014, New York City)	Blockchain based contractual agreements Data Collective	Financial services > Trading > Capital markets	



Interesting Series A Companies

С	ompany	Overview	Business Model	Total Funding
0	Blockstream (2014, San Francisco)	Blockchain development focused on sidechains innovation Khosla Ventures, AME Cloud Ventures, Innovation Endeavors, Horizons Ventures, Ribbit Capital, Real Ventures, Digital Garage, DG Incubation, SK Ventures, Future Perfect Ventures, Maiden Lane, Mosaic Ventures, Blockchain Capital, AXA Strategic Ventures, 7seasvc.com	Technology > Sidechain	\$76M
Digital Asset Holdings	Digital Asset Holdings (2014, New York City)	Market level solutions based on Blockchain Accenture, IBM, Goldman Sachs, Broadridge Financial Solutions, Citigroup, J.P. Morgan, CME Group, BNP Paribas, ABN AMRO Bank, Australian Securities Exchange, PNC Financial Services Group, Deutsche, DTCC, ICAP, FinTech Innovation Lab, Santander InnoVentures	Financial services > Trading > Capital markets	\$67.16M
itBit	itBit (2012, Tower)	Provider of Trading & Settlement platforms Canaan Partners, RRE Ventures, Liberty City Ventures, Raptor Group, Blockchain Capital, Digital Currency Group	Financial services > Trading > Capital markets	\$28.25M
PEERNOVA	PeerNova (2013, San Jose)	Provider of cryptographic development platform Overstock, Crypto Currency Partners, Mosaik Partners, Blockchain Capital	Financial services > Trading > Capital markets	\$19.6M
✓ Mirror	Mirror (2011, New York City)	OTC trading & hedging platform provider Battery Ventures, Correlation Ventures, Crosslink Capital, Promus Ventures, Ludlow Ventures, RRE Ventures, Boost VC, Route 66 Ventures	Technology > Smart Contracts > Financial Assets	\$12.8M
***	Align Commerce (2014, San Francisco)	Blockchain as a Settlement Rail for Payments. KPCB, Silicon Valley Bank, Recruit Strategic Partners, Boost VC, Bay Hill Capital Advisors, Fenway Summer, R3 Investment Group, Firestartr, Pantera Capital, Nyca Partners, Pivot Investment Partners, Digital Currency Group	Financial services > Payments > Money Transfer	\$12.5M
colu.	Colu (2014, Tel Aviv)	Bitcoin based asset issuance and management platform Spark Capital, Aleph Venture Capital, Digital Currency Group, BoxGroup	Technology > Application development platform	\$12.1M
BitGo.	BitGo (2013, San Francisco)	Multi-signature security for cryptocurrency payments Redpoint Ventures, Founders Fund, A-Grade Investments, Inventures Group, Bridgescale, Liberty City Ventures, Blockchain Capital, Digital Currency Group, BitFury Capital	Financial services > Risk management > Payments	\$12M



Interesting Series A Companies

(Company	Overview	Business Model	Total Funding
	Filament (2012, Reno)	Decentralized Internet of Things stack Techstars, Crosslink Capital, Resonant Venture Partners, Samsung Venture Investment, Bullpen Capital, Verizon Ventures, Digital Currency Group, Working Lab Capital, Zenstone Venture Capital, VTF Capital	Enterprise > Internet Of Things	\$11.08M
Gem	Gem (2014, Venice)	Platform to develop blockchain applications First Round Capital, MESA Ventures, Metamorphic Ventures, RRE Ventures, Tekton Ventures, Pelion Venture Partners, Siemer Ventures, Baroda Ventures, Birchmere Ventures, KEC Ventures, Idealab, Amplify, Birchmere Labs, Crypto Currency Partners, Wavemaker Partners, Blockchain Capital, Digital Currency Group, Fenbushi Capital	Technology > Application development platform	\$10.4M
CRY EX	Cryex (2013, Stockholm)	Multi-Currency matching platform. Northzone, White Star Capital, SparkLabs Global Ventures, Isomer Capital	Financial services > Trading > Capital markets	\$10M
symbiont	Symbiont (2015, New York City)	Smart securities issuance and trading platform Atlantic Merchant Capital Investors, Senahill Partners, Fenbushi Capital	Financial services > Trading > Capital markets	\$8.25M
Tech bureau Corpde Opterfeenb Jacober -	Tech bureau Lab (2015, Osaka)	Japanese cryptocurrency technology company and Bitcoin Exchange operator Nippon Technology Venture Partners, Infoteria, OKWAVE, Arara, Money Partners Group, Hiroshima Venture Capital	Technology > Application development platform	\$7.04M
The second second	Elliptic (2014, London)	Bitcoin's blockchain intelligence & risk management company Seedcamp, Octopus Ventures, Paladin Capital Group, Octopus Investments, Santander InnoVentures, Digital Currency Group, KRW Schindler Private Ventures	Financial services > Risk management > Payments	\$7M
//	Factom (2014, Austin)	Blockchain as a service for protecting enterprise data Fenbushi Capital, Fastforward Innovations	Enterprise > Record Keeping	\$3M



Interesting Series B Companies

	Company	Overview	Business Model	Total Funding
٥	Ripple (2012, San Francisco)	Open source payment protocol Standard Chartered, AME Cloud Ventures, Seagate, CME Group, IDG Capital Partners, RRE Ventures, Venture 51, Core VC, ChinaRock Capital Management, SBI Holdings, Route 66 Ventures, Camp One Ventures, Blockchain Capital, Santander InnoVentures, Digital Currency Group, SCB Digital Ventures	Financial services > Payments > Money Transfer	\$90.5M
* Bitfury	Bitfury (2012, San Francisco)	Provider for Bitcoin mining hardware DRW, Investment Fund, Crypto Currency Partners, Binary Financial, ZAD, Blockchain Capital, QueensBridge Venture Partners, iTech Capital	Technology > Application development platform	\$65M
ග	Chain (2014, San Francisco)	Designing blockchain applications for organizations Capital One, VISA, NASDAQ, SV Angel, Khosla Ventures, Thrive Capital, RRE Ventures, Betaworks, Homebrew, Fiserv, Orange, Firestartr, Pantera Capital, ventures.citi.com, Blockchain Capital, Digital Currency Group, BoxGroup	Technology > Application development platform	\$43.7M
© uphold	Uphold (2014, San Francisco)	Multiple currency reserve and exchange platform.	Financial services > Payments > Money Transfer	\$15.52M
<u></u>	Guardtime (2007, Irvine)	Big data & blockchain based threat detection & mitigation Microsoft Ventures, Skype, Horizons Ventures, Infocomm Investments, Ambient Sound Investments, FIT One, thevine.irvinecompany.com/orange-county	Enterprise > Security	\$8.73M



Top Funded Deadpooled Companies

(Company	Overview	Business Model	Total Funding
0	Swarm (2014, San Francisco)	Shared equity with blockchain technology Techstars	Financial services > Investing > Crowdfunding	\$1M
. AIR	Project Alr (2013, Chicago)	P2P payment based on virtual currency encryption F6S Network	Financial services > Payments > Money Transfer	



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Useful Links

Slide Title	Content	Platform Link
List of All Companies in readable format	Companies	<u>Link</u>
Large Upcoming Sectors	Entrepreneur Activity	<u>Link</u>
Niche Upcoming Sectors	Entrepreneur Activity	<u>Link</u>
Top investments in last one year	Investment Trend	<u>Link</u>
Top IPOs in last three years	Exit Outlook - IPO, Acquisitions	<u>Link</u>
Major Acquisitions in last one year	Exit Outlook - IPO, Acquisitions	<u>Link</u>
Financial Services – Most Funded Companies	Sub Sector Understand	<u>Link</u>
Enterprise – Most Funded companies	Sub Sector Understand	<u>Link</u>
Technology – Most Funded Companies	Sub Sector Understand	<u>Link</u>
Consumer – Most Funded Companies	Sub Sector Understand	<u>Link</u>
Top Funded Deadpooled Companies	Companies	<u>Link</u>



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Blockchain - Company List

181 FUNDED COMPANIES AND 419 UNFUNDED COMPANIES COVERS THE FOLLOWING SECTORS

<u>Financial services</u>	Technology	<u>Enterprise</u>	<u>Consumer</u>	<u>DAO</u>



Financial services (1/25)

	Company	Overview	Business Model	Total Funding
B	Satoshi Portal (2015, Montreal)	Online Bitcoin retailer and exchanger.		
B) NOI	capitalDIGI (2013, Eastbourne)	Digital currency services Level39		
PURPOSE	Proof of Purpose (2016, London)	Blockchain solutions for humanitarian aid transfers, micro-lending, identity and donations.		
*ANX	ANX International (2013, Hong Kong)	Blockchain based FinTech services		
Love will pro.	Love Will Inc (2014, St. Louis)	Blockchain payments and B2B commerce solutions	Accounting	\$2.51M
<u>Ω</u>	Libra (2014, San Francisco)	Compliance and audit solution for blockchain platforms. Liberty City Ventures	Accounting	\$500K
Tallysticks	Tallysticks (2015, London)	Blockchain invoicing solution provider Techstars, Barclays Accelerator	Accounting	
BitP@S.	BitPOS (2013, Sydney)	Bitcoin payments solutions	Accounting	



Financial services (2/25)

	Company	Overview	Business Model	Total Funding
The Normal of Agency	Balanc3 (2015, New York City)	Smart contract powered triple-entry accounting system	Accounting	
N.	Nordledger (2015, Helsinki)	Business contract execution platform on the blockchain	Accounting	
1 paycer.co	Paycer (2015, Los Angeles)	Smart Accounts	Accounting	
TPE II.	JACCOO (2011, Amsterdam)	Blockchain powered B2B banking solutions over cloud	Accounting	
BLOCK	Block Billing (2015, London)	Billing on the Blockchain	Accounting	
moni	MONI (2014, London)	Micro-banking service provider Formation 8, Maxfield Capital, Digital Currency Group, Maxfield Capital	Banking	\$1.45M
Remitt	Remitt (2015, London)	Blockchain platform to develop financial applications	Banking	
O ※::: ** ≋	Thought Machine (2014, London)	Blockchain-based core banking engine offered through SaaS	Banking	



Financial services (3/25)

	Company	Overview	Business Model	Total Funding
THOUGHT HACHINE	Thought Machine (2014, London)	Digital bank vault using big data and Machine learning	Banking	
⊗ secco	Secco Bank (2015, London)	Mobile-first digital bank	Banking	
*	The Vault Bank (2016, Amsterdam)	Blockchain based banking service provider	Banking	
	Blockbond (2015, Kristiansand)	Mobile app for banking and payments.	Banking	
(1)	OneBit (2015, Singapore)	Bitcoin based mobile payment and remittance service provider Startupbootcamp	Banking	
	Paycase (2014, Toronto)	Universal banking platform that leverages blockchain technology Crypto Capital	Banking	
@	Zerobillbank (2014, Tel Aviv)	Private banking systems based on alternative currencies	Banking	
ZARIANT	Zariant (2016, London)	Online platform to provide banking services.	Banking	



Financial services (4/25)

	Company	Overview	Business Model	Total Funding
.∷D N	Digital Note (2014, San Francisco)	Decentralized PoW ASIC-resistant cryptocurrency based private banking	Banking	
4	Taqanu (2016, Oslo)	Blockchain based banking service provider. Startupbootcamp	Banking	
Hufsy	Hufsy (2015, Copenhagen)	Cross border business banking solutions	Banking	
wirex	Wirex (2014, London)	Blockchain based personal banking platform	Banking	
hyb	HyperBank (2015, Kuala Lumpur)	Hyperlocal Banking for the unbanked population	Banking	
(db)	DecentralBank (2014, Miami)	Decentralized off-chain P2P banking system on top of Bitcoin.	Banking	
\$	Soramitsu (2016, Tokyo)	Insurance derivatives on the blockchain	Insurance	
A	Flight Delay (2016, Icking)	Ethereum-based smart contract startup for travel insurance and claims reimbursement	Insurance	



Financial services (5/25)

	Company	Overview	Business Model Total Funding
IN3SURE	Inzsure (2016, Singapore)	On-demand corporate insurance solutions	Insurance
φ	Plex.ai (2015, Kitchener)	A Platform for Telematics data for auto insurers	Insurance
That	Chainthat Limited (2015, London)	Blockchain consultancy with a focus on Re-insurance	Insurance
Safe	SafeShare Global (2015, London)	Insurance solution for sharing economy	Insurance
ination	iNation (2015, Pompano Beach)	Blockchain based website insurance	Insurance
	Dactuary (2015, Ottawa)	Decentralized actuary built on Ethereum	Insurance
BITPARK	BITPARK (2016, Tokyo)	P2P Insurance platform in cryptocurrency	Insurance > P2P Insurance
	Riskbazaar (2015, San Francisco)	Peer-to-peer marketplace for risk contracts on the blockchain	Insurance > P2P Insurance



Financial services (6/25)

	Company	Overview	Business Model	Total Funding
A	Dynamis (2015, New York City)	P2P insurance platform built on Ethereum	Insurance > P2P Insurance	
	PeerHood (2016, San Francisco)	P2P marketplace for capital rasiing by SMBs	Investing	
G	Grayscale (2013, New York City)	Publicly traded Bitcoin asset investment platform Digital Currency Group	Investing	
•	Waves Blockchain Tokens Platform (2016, Moscow)	Crypto-platform for asset/custom token issuance	Investing > Crowdfunding	\$2M
0	Swarm (2014, San Francisco)	Shared equity with blockchain technology Techstars	Investing > Crowdfunding	\$1M
*	Funder Growth (2016, New York City)	Crowdfunding platform based on blockchain.	Investing > Crowdfunding	
0	Swarm (2014, Palo Alto)	Blockchain powered community crowdfunding network	Investing > Crowdfunding	
Jump Software	Jump Software (2015, Johannesburg)	Crowdfunding and project tracking via smart contracts	Investing > Crowdfunding	



Financial services (7/25)

	Company	Overview	Business Model	Total Funding
DACX	DACx (2014, Shanghai)	Blockchain based crowdfunding platform	Investing > Crowdfunding	
CRYPTO 2.0	1000assets (2013, Moscow)	Decentralized crowdfunding platform	Investing > Crowdfunding	
L	Crowdesto (2015, London)	Platform for crowdsourced political movements	Investing > Crowdfunding	
De Mudicuntus	The Rudimental (2016, Los Angeles)	Blockchain based equity crowdfunding portal for artists	Investing > Crowdfunding	
①	WeiFund (2015, Toronto)	Decentralized, open-source crowdfunding platform	Investing > Crowdfunding	
(m) Coishare	Coishare (2014, Irvine)	Crypto Shares for Equity Crowdfunding	Investing > Crowdfunding	
	BlockTrust (2014, Amsterdam)	Blockchain Certification.	Investing > Crowdfunding	
N vinumeris	Vinumeris (2014, Zurich)	Cryptographic software solutions.	Investing > Crowdfunding	



Financial services (8/25)

	Company	Overview	Business Model	Total Funding
BitGive	BitGive Foundation (2013, Sacramento)	Bitcoin 501(c)(3) nonprofit donation platform Bitpay	Investing > Crowdfunding > Transparent Donations	\$70K
a	Alice (2016, London)	Blockchain philanthropy platform. Bethnal Green Ventures	Investing > Crowdfunding > Transparent Donations	\$19.94k
CoMakery	CoMakery (2016, San Francisco)	Sweat equity accounting for product teams on Ethereum Citizen Code	Investing > Private Equity marketplace	
fs FarmShare	FarmShare (2016, New York City)	Decentralized platform for community-supported agriculture (CSA)	Investing > Private Equity marketplace	
	Colony (2014, London)	Platform for Decentralised Autonomous Organisations	Investing > Private Equity marketplace	
Horyzon	Horyzon (2015, Sydney)	Blockchain based startup creation platform and network based on work-for-equity model	Investing > Private Equity marketplace	
	ExiVest (2015, Brooklyn)	Liquidation of private startup stocks via blockchain settlement	Investing > Private Equity marketplace	
	Chroma Games (2015, Portland)	Local stock market based on blockchain Techstars	Investing > Private Equity marketplace	



Financial services (9/25)

	Company	Overview	Business Model	Total Funding
	Horizon (2014, Bangkok)	Horizon VC uses block-chain technology for private company funding	Investing > Private Equity marketplace	
121	Streamline.VC (2015,)	Data-driven investment due diligence	Investing > Wealth Management	
Factury	Factury (2015, New York City)	B2B invoice payment platform on blockchain Startupbootcamp	Investing > Wealth Management	
⊞ bluehost	Etherplan (2015, Denver)	Portfolio management denominated in cryptocurrency	Investing > Wealth Management	
NEWNKING	NewBanking (2016, Copenhagen)	Blockchain verified payment gateway	Payments	
billon	Billon Cash (2015, Warsaw)	Digital fiat currency solution provider	Payments > Digital fiat currency	
e ourrency	eCM (2014, Dublin)	Fiat digital currency issuing for central banks Omidyar Network	Payments > Digital fiat currency	
lowal	Loyyal (2014, San Diego)	Royalty network based on Bitcoin. Hayaat Group	Payments > Loyalty & Rewards	\$1.5M



Financial services (10/25)

	Company	Overview	Business Model	Total Funding
topl	Topl (2015, Houston)	Rewards solution on the blockchain	Payments > Loyalty & Rewards	
ME	Mobilized Entertainment (2005, Reno)	Marketing and brand building using blockchain and messenger bots.	Payments > Loyalty & Rewards	
TOPCOIN	Topcoin (2014, Los Angeles)	Reward system for domain registrars and online service providers	Payments > Loyalty & Rewards	
(8)	FoldingCoin (2014, Noblesville)	Monetized distribution of computing power	Payments > Loyalty & Rewards	
PAYUS PROF RICH VOLAR PROFESS	My Market Partners (2010, Superior)	Mobile Payment App on blockchain	Payments > Loyalty & Rewards	
Manifold	Manifold Technology (2014, Menlo Park)	Provides private blockchain technology for financial institutions Plug and Play Tech Center	Payments > Loyalty & Rewards	
Strawoay The Father of No. Transporters	Strawpay (2014, Stockholm)	Micropayment system based on blockchain Stockholm Innovation and Growth	Payments > Microtransactions	\$82.67k
TOKYO GAME NETWORK	Bazaar Entertainment (2014, Tokyo)	P2P Micro Payment and P2P AppStore	Payments > Microtransactions	



Financial services (11/25)

	Company	Overview	Business Model	Total Funding
BitMesh	BitMesh (2014, San Francisco)	Internet connection sharing for bitcoins	Payments > Microtransactions	
Ğ	Ripple (2012, San Francisco)	Open source payment protocol Standard Chartered, AME Cloud Ventures, Seagate, CME Group, IDG Capital Partners, RRE Ventures, Venture 51, Core VC, ChinaRock Capital Management, SBI Holdings, Route 66 Ventures, Camp One Ventures, Blockchain Capital, Santander InnoVentures, Digital Currency Group, SCB Digital Ventures	Payments > Money Transfer	\$90.5M
© uphold*	Uphold (2014, San Francisco)	Multiple currency reserve and exchange platform.	Payments > Money Transfer	\$15.52M
	Align Commerce (2014, San Francisco)	Blockchain as a Settlement Rail for Payments. KPCB, Silicon Valley Bank, Recruit Strategic Partners, Boost VC, Bay Hill Capital Advisors, Fenway Summer, R3 Investment Group, Firestartr, Pantera Capital, Nyca Partners, Pivot Investment Partners, Digital Currency Group	Payments > Money Transfer	\$12.5M
gz	Godzillion (2014, Santiago)	Private market place based on ethereum blockchain	Payments > Money Transfer	\$6.85M
digital	DigitalX (2013, Boston)	Blockchain technology for money transfer & trading services	Payments > Money Transfer	\$2.77M
	Ledger (2014, Paris)	The Bitcoin security company XAnge, HiPay	Payments > Money Transfer	\$1.48M

Financial services (12/25)

	Company	Overview	Business Model	Total Funding
Ó	Tramonex (2013, London)	Blockchain based cross border payments to SMEs UK Government	Payments > Money Transfer	\$361.6K
PEY	Pey (2014, Hannover)	Smartphone-based payments system	Payments > Money Transfer	\$339.78k
	Neema (2013, Tel Aviv)	Mobile wallet app provider to send money cross borders. Kima Ventures	Payments > Money Transfer	\$250k
	DGB Holdings (2014, Hong Kong)	Blockchain applications development company	Payments > Money Transfer	\$250K
6	Ripula (2014, London)	Money transfer service leveraging Ripple protocol. CrossCoin Ventures	Payments > Money Transfer	\$50K
	Echo (2016, Munich)	P2P messaging and payments platform leveraging blockchain.	Payments > Money Transfer	
> <	Dragonfly FinTech (2015, Singapore)	Blockchain based remittance services	Payments > Money Transfer	
moîn	Moin (2016, Seoul)	Blockchain-based remittance service.	Payments > Money Transfer	



Financial services (13/25)

	Company	Overview	Business Model	Total Funding
cashaa	Cashaa (2016, London)	Blockchain based remittance service.	Payments > Money Transfer	
INTERLEDGER	Interledger (2015, San Francisco)	Neutral protocol for payments	Payments > Money Transfer	
	Ripple Latam (2014, Montevideo)	Ripple Gateway for easier Remittance	Payments > Money Transfer	
(CLOPPLOS	Cube Bucks (2014, Centurion)	Cryptocurrency based money transfer services	Payments > Money Transfer	
456	IndieSquare (2015, Tokyo)	Bitcoin and Counterparty wallet	Payments > Money Transfer	
	TRUSTplus (2014, Waltham)	Decentralized financial system on blockchain	Payments > Money Transfer	
AIR	Project Alr (2013, Chicago)	P2P payment based on virtual currency encryption F6S Network	Payments > Money Transfer	
NuTranb:	NuTranx (2015, Cambridge)	Blockchain powered remittances	Payments > Money Transfer	



Financial services (14/25)

	Company	Overview	Business Model	Total Funding
Simper	Simper (2016, Guadalajara)	Blockchain based remittances	Payments > Money Transfer	
GeoPay	GeoPay (2014, Sandton)	Mobile wallet payment and money transfer service provider.	Payments > Money Transfer	
PPersonMoney*	Person Money (2014, Prague)	Multicurrency Payment System and Advertising Platform on Blockchain.	Payments > Money Transfer	
WageCan	WageCan (2014, Taipei)	Wages and payments in blockchain assets	Payments > Money Transfer	
(2)	Zcash Electric Coin Company (2016, Boulder)	Alternative currency and payment system Pantera Capital, Fenbushi Capital	Payments > Money Transfer	
Serica	SericaPay (2014, San Francisco)	Blockchain based healthcare payments platform	Payments > Money Transfer	
(3)	Lightning (2015, New York City)	Blockchain based instant payments network	Payments > Money Transfer	
bankymoon	Bankymoon (2014,)	Blockchain based payments products company	Payments > Money Transfer	



Financial services (15/25)

	Company	Overview	Business Model	Total Funding
\mathbb{N}	Nocks (2015, Groningen)	Blockchain based mobile payments	Payments > Money Transfer	
billon	Billon (2013, Warsaw)	Mobile wallet payment application.	Payments > Money Transfer	
	Planet Capital (2015, Los Angeles)	Blockchain based payments company	Payments > Money Transfer	
XAP	XAPCASH Technologies (2015, Vancouver)	Blockchain based remittance company	Payments > Money Transfer	
2	Remitsy Inc. (2015, Beijing)	B2B blockchain based remittance service provider.	Payments > Money Transfer	
w	Wone Payments (2015, Helsinki)	Blockchain based mobile payments	Payments > Money Transfer	
	Dash (2015, Mexico)	Anonymous transaction service provider	Payments > Money Transfer	
RC	Robocoin (2013, Las Vegas)	Bitcoin money transfer service 500 Startups	Payments > Money Transfer	



Financial services (16/25)

	Company	Overview	Business Model	Total Funding
Fuzo	Fuzo (2014, Hong Kong)	Secure platform for developers to leverage and introduce bitcoin & blockchain Seedcoin, Dominet	Payments > Money Transfer	
	Coinprism (2013, Dublin)	Wallet for digital contracts using color coins	Payments > Money Transfer	
•	Tether (2014, Santa Monica)	Digital tokens for fiat curreny using blockchain network.	Payments > Money Transfer	
COINALYTICS	Skry (2013, Mountain View)	Real time analytics of Bitcoin 500 Startups, The Hive	Risk management	\$1.3M
5 A B R . I O	Sabr (2015, New York City)	Service to monitors multiple blockchains to identify and locate criminal activity. 500 Startups, Silicon Badia, Digital Currency Group, Newfund	Risk management	\$1.2M
0	scorechain (2015, Luxembourg)	Provides regulatory compliance for Bitcoin and the Blockchain.	Risk management	\$570k
BLOCKCHAIN technology group	Blockchain Technology Group (2015, Vancouver)	Bitcoin Blockchain Search & Big Data Analytics	Risk management	\$100k
IJ	Aesthetic Integration (2014, London)	AI driven risk management and security Level39	Risk management	



Financial services (17/25)

	Company	Overview	Business Model	Total Funding
BLICKHAIN MARKUTAN	Blockchain Inspector (2015, Angouleme)	Blockchain monitoring solution using artificial intelligence	Risk management	
	Everledger (2015, London)	Preventing diamond fraud and theft Techstars, Barclays Accelerator, Fenbushi Capital	Risk management > Insurance Fraud	\$118k
O	BitGo (2013, San Francisco)	Multi-signature security for cryptocurrency payments Redpoint Ventures, Founders Fund, A-Grade Investments, Inventures Group, Bridgescale, Liberty City Ventures, Blockchain Capital, Digital Currency Group, BitFury Capital	Risk management > Payments	\$12M
The State of A Maria	Elliptic (2014, London)	Bitcoin's blockchain intelligence & risk management company Seedcamp, Octopus Ventures, Paladin Capital Group, Octopus Investments, Santander InnoVentures, Digital Currency Group, KRW Schindler Private Ventures	Risk management > Payments	\$7M
	Chainalysis (2014, Manhattan)	Blockchain based payment fraud prevention & compliance solutions Techstars, Point Nine Capital, FundersClub, Common Angels, Barclays Accelerator, Digital Currency Group, Converge Venture Partners	Risk management > Payments	\$1.6M
billofsale	eBillofSale (2016, Menlo Park)	Transaction assurance & protection in P2P economies	Risk management > Payments	
•	Polycoin (2014, Tel Aviv)	Blockchain identity and asset transfer solutions for banks	Risk management > Payments	



Financial services (18/25)

	Company	Overview	Business Model	Total Funding
PayLock "	Paylock (2016, Sydney)	Credit card security on blockchain	Risk management > Payments	
	Aid Tech (2016, Dublin)	Aid distribution and payments solutions for NGOs	Risk management > Payments	
	Identitii (2014, Hong Kong)	Blockchain based payments security and compliance	Risk management > Payments	
3	Sig3 (2015,)	Automated cosigner for transaction verification	Risk management > Payments	
Bed Dukton	Third Key Solutions (2015, San Francisco)	Cryptographic key management services	Risk management > Payments	
*	Fluent Network (2014, St. Louis)	Software platform for cross-border B2B trade. Thomson Reuters, 500 Startups, ff Venture Capital, Draper Associates, Crosscut Ventures, Startupbootcamp, Capital Innovators, SixThirty, UMB Bank, St Louis Arch Angels, Digital Currency Group, Fenbushi Capital	Trade Finance	\$2.53M
B.	Blockfreight (2016, Melbourne)	Blockchain based freight management and logistics solutions	Trade Finance	
INNOVATION LASS	Kratos Innovation Labs (2016, Bangalore)	Smart contracts as a service	Trade Finance	



Financial services (19/25)

	Company	Overview	Business Model	Total Funding
6	Akasa Labs (2014, Mumbai)	Smart contracts driven trade finance solution	Trade Finance	
**	Full Profile (2015, Sydney)	Commodity management and settlement system on blockchain	Trade Finance	
UbiMS	UbiMS (2011, Los Angeles)	Cloud based meta platform for physical supply chain process	Trade Finance	
§ ShipPeers	ShipPeers (2015, Montreal)	Blockchain-based international trade app	Trade Finance	
	Wave (2014, Kfar Saba)	Decentralized electronic bill of lading using the blockchain technology Techstars, Barclays Accelerator, Blockchain Capital	Trade Finance	
. F∳sku chain	Skuchain (2014, San Francisco)	Blockchain based solution for B2B commerce Digital Currency Group, Amino Capital, fenbushicapital.com	Trade Finance	
4EXIMCHAINF	Eximchain (2016, Boston)	P2P trade finance platform powered by smart contracts Plug and Play Tech Center	Trade Finance	
AGRILEDGER	Agriledger (2016, Jersey)	Blockchain solution for agriculture supply chain and payments	Trade Finance	



Financial services (20/25)

	Company	Overview	Business Model	Total Funding
Digital Asset Holdings	Digital Asset Holdings (2014, New York City)	Market level solutions based on Blockchain Accenture, IBM, Goldman Sachs, Broadridge Financial Solutions, Citigroup, J.P. Morgan, CME Group, BNP Paribas, ABN AMRO Bank, Australian Securities Exchange, PNC Financial Services Group, Deutsche, DTCC, ICAP, FinTech Innovation Lab, Santander InnoVentures	Trading > Capital markets	\$67.16M
itBit	itBit (2012, Tower)	Provider of Trading & Settlement platforms Canaan Partners, RRE Ventures, Liberty City Ventures, Raptor Group, Blockchain Capital, Digital Currency Group	Trading > Capital markets	\$28.25M
JU 非許金施 JUZHEN	JUZHEN (2014, Shanghai)	Blockchain technology provides for financial institutions Wanxiang Group Corporation	Trading > Capital markets	\$22.5M
PEERNOVA	PeerNova (2013, San Jose)	Provider of cryptographic development platform Overstock, Crypto Currency Partners, Mosaik Partners, Blockchain Capital	Trading > Capital markets	\$19.6M
CRY EX	Cryex (2013, Stockholm)	Multi-Currency matching platform. Northzone, White Star Capital, SparkLabs Global Ventures, Isomer Capital	Trading > Capital markets	\$10M
symbiont	Symbiont (2015, New York City)	Smart securities issuance and trading platform Atlantic Merchant Capital Investors, Senahill Partners, Fenbushi Capital	Trading > Capital markets	\$8.25M
1 0 Dodital about unceased	Crypto Facilities (2015, London)	Bitcoin derivative trading and blockchain trade settlement.	Trading > Capital markets	\$1.5M



Financial services (21/25)

	Company	Overview	Business Model	Total Funding
SHELLPAV	ShellPay (2015, Shanghai)	Blockchain application for financial transactions	Trading > Capital markets	\$770K
0	Equibit Development Corporation (2015, Canada)	Blockchain-based securities register.	Trading > Capital markets	\$150k
epiphyte	Epiphyte (2013, London)	Enterprise software for integrating financial institutions with cryptofinancial networks. Plug and Play Tech Center, Startupbootcamp	Trading > Capital markets	\$70.35k
	Tradewind Markets (2016, New York City)	Capital markets technology solutions	Trading > Capital markets	
G	Bankchain (2015, New York City)	Financial infrastructure for post trade settlement	Trading > Capital markets	
MATTER	Raistone (2015, Los Angeles)	Decentralized escrow system for trade settlements.	Trading > Capital markets	
	Clearable (2014, New York City)	Decentralized bitcoin clearing house	Trading > Capital markets	
Alleibi	Allcoin (2014, Vancouver)	Digital currency exchange and trading platform	Trading > Capital markets	



Financial services (22/25)

	Company	Overview	Business Model	Total Funding
✓FS	Cryptovest FS (2015, London)	P2P liquidity platform on blockchain	Trading > Capital markets	
V	Genisys Project (2016, Vancouver)	Blockchain based real time trade settlement and automation solutions	Trading > Capital markets	
RIS =	RISE Financial Technologies (2015, Frankfurt)	Post trade software for financial institutions	Trading > Capital markets	
	Quantave Global (2013, London)	Bitcoin exchange data analysis services	Trading > Capital markets	
BifTRADE LABS & Blockchain Solutions	Bit Trade Labs (2015, Sydney)	Currency agnostic blockchain solutions	Trading > Capital markets	
₄DOMUS TOWER	Domus Tower (2014, San Francisco)	Realtime equity trade settlement solution Plug and Play Tech Center	Trading > Capital markets	
DX Markets	Marc Garriga (2014, Singapore)	Online trading platform for bitcoins and other cryptocurrencies	Trading > Capital markets	
3	Blockchain Clearing Corporation (2015, San Francisco)	TO settlement for exchange-traded equities.	Trading > Capital markets	



Financial services (23/25)

	Company	Overview	Business Model	Total Funding
	Axoni (2016, New York City)	Blockchain solutions for capital markets	Trading > Capital markets	
₫LedgerX	LedgerX (2014, New York City)	Institutional derivatives exchange. Lightspeed Venture Partners, SV Angel, GV, FundersClub, Fenway Summer, Crypto Currency Partners, Blockchain Capital	Trading > Capital markets	
Δ	HitFin (2015, San Francisco)	Derivative trading platform.	Trading > Capital markets	
CROWDANDA	Crowdaura (2015, London)	Blockchain enabled private placement	Trading > Capital markets	
string	String (2014, Mountain View)	Autonomous Finance solutions powered by blockchain and smart contracts. IDG Capital Partners, ZhenFund, Fenbushi Capital, Amino Capital	Trading > Capital markets	
\bigcirc	OpenLedger (2015, Hune)	Transparent decentralized exchange	Trading > Capital markets	
cyber • Fund	cyber (2013, Kaliningrad)	Enables digital investments using Blockchain technology	Trading > Capital markets	
\rtimes	Setl (2015, London)	Institutional payment and settlement infrastructure based on blockchain technology	Trading > Capital markets	



Financial services (24/25)

	Company	Overview	Business Model	Total Funding
t0	Medici (2015,)	Blockchain based trading platform	Trading > Capital markets	
R°	R3 (2013, New York City)	Blockchain technology provider to capital markets	Trading > Capital markets	
1	SmartContracts (2014, New York City)	Blockchain based contractual agreements Data Collective	Trading > Capital markets	
X	XeroClear (2014,)	Decentralized clearing network.	Trading > Capital markets	
uTrade	uTrade (2011, Chandigarh)	Open-source multi-asset trading platform and blockchain based settlement/clearing Axis Capital, Morpheus Gang	Trading > Capital markets > OTC Trading	\$800k
	clearmatics (2015, London)	Clearing and settlement technology for financial OTC markets Route 66 Ventures, Nyca Partners, Tellurian Capital	Trading > Capital markets > OTC Trading	
大	Lykke (2015, Zurich)	P2P marketplace for trading financial instruments	Trading > P2P Trading	
AlphaPoint	AlphaPoint (2013, New York City)	Provides digital currency exchanges and institutions blockchain-enabled solutions. Ben Franklin Technology Partners, Robin Hood Ventures, Blockchain Capital	Trading > White label Exchanges	\$1.35M



Financial services (25/25)

	Company	Overview	Business Model	Total Funding
BLINK TRADE	BlinkTrade (2013, New York City)	White-label technology provider for Bitcoin exchanges	Trading > White label Exchanges	\$40.57k
mll	Noble Markets (2014, New York City)	Capital markets for the blockchain era Tally Capital, Blockchain Capital	Trading > White label Exchanges	



Technology (1/24)

	Company	Overview	Business Model	Total Funding
	Ethcore (2015, London)	Software solutions on Block-Chain technology Blockchain Capital, Fenbushi Capital		\$750k
0	Coyno (2014, Berlin)	Bookkeeping for cryptocurrencies Axel Springer Plug and Play Accelerator		\$31K
Radium	Project Radium (2015, San Francisco)	Smartchain protocol on top of private blockchain		
(DSS	Dunvegan Space (2012, Atlanta)	Building network of data processing satellites		
Etherscan	Etherscan (2015, Kuala Lumpur)	Ethereum Blockchain Explorer		
	Blockchain Industries (2012, Brandenburg)	Platform solutions for public and private blockchains Realise Capital Partners		
THE REUM	Ethereum Labs (2015, London)	Ethereum R&D company		
	CRNC.co (,)	Engineering constitutions, currencies, markets for the expansion of freedom and libertybased upon fundamental behavioral microfoundations of microeconomics.		



Technology (2/24)

	Company	Overview	Business Model	Total Funding
	Bitcoin Kinetics (2013, Beaverton)	Cryptography enabled software and hardware company		
Ь	Bits of Proof (2013, Budapest)	Enterprise level server to integrate blockchain technology into financial applications		
٨	Applied Blockchain (2015, London)	Private blockchain application provider		
	Blockstrap (2014, Mountain View)	HTML5 framework for blockchain applications		
BLOCKNET	Blocknet (2014, San Francisco)	Internet of Blockchains		
Z	Zero Trust (2014, New York City)	Blockchain based zero trust products		
P atruy	Bitfury (2012, San Francisco)	Provider for Bitcoin mining hardware DRW, Investment Fund, Crypto Currency Partners, Binary Financial, ZAD, Blockchain Capital, QueensBridge Venture Partners, iTech Capital	Application development platform	\$65M
ග	Chain (2014, San Francisco)	Designing blockchain applications for organizations Capital One, VISA, NASDAQ, SV Angel, Khosla Ventures, Thrive Capital, RRE Ventures, Betaworks, Homebrew, Fiserv, Orange, Firestartr, Pantera Capital, ventures.citi.com, Blockchain Capital, Digital Currency Group, BoxGroup	Application development platform	\$43.7M

Technology (3/24)

	Company	Overview	Business Model	Total Funding
colu	Colu (2014, Tel Aviv)	Bitcoin based asset issuance and management platform Spark Capital, Aleph Venture Capital, Digital Currency Group, BoxGroup	Application development platform	\$12.1M
Gem	Gem (2014, Venice)	Platform to develop blockchain applications First Round Capital, MESA Ventures, Metamorphic Ventures, RRE Ventures, Tekton Ventures, Pelion Venture Partners, Siemer Ventures, Baroda Ventures, Birchmere Ventures, KEC Ventures, Idealab, Amplify, Birchmere Labs, Crypto Currency Partners, Wavemaker Partners, Blockchain Capital, Digital Currency Group, Fenbushi Capital	Application development platform	\$10.4M
Tech bureau Corp.	Tech bureau Lab (2015, Osaka)	Japanese cryptocurrency technology company and Bitcoin Exchange operator Nippon Technology Venture Partners, Infoteria, OKWAVE, Arara, Money Partners Group, Hiroshima Venture Capital	Application development platform	\$7.04M
	Bubi Network Technology (2015, Beijing)	Blockchain development platform QF Capital	Application development platform	\$4.49M
eneditives.	Onchain (2016, Shanghai)	Public blockchain for business use-cases	Application development platform	\$3.56M
٥	BlockCypher (2013, Redwood City)	Cloud-optimized full blockchain nodes NEA, 500 Startups, AME Cloud Ventures, Foundation Capital, Fenox Venture Capital, Granite Ventures, Boost VC, Upside Partnership, Voylet Capital, Streamlined Ventures, Blockchain Capital, QueensBridge Venture Partners	Application development platform	\$3.5M



Technology (4/24)

	Company	Overview	Business Model	Total Funding
BDB	BigChainDB (2014, Berlin)	Enterprise Blockchain Anthemis Group, Earlybird, RWE Global, Digital Currency Group, innogy	Application development platform	\$3.37M
Solid X	SolidX Partners (2014, New York City)	Digital currency investment software and blockchain platform Red Swan Ventures, Liberty City Ventures, Raptor Group, Red Sea Ventures	Application development platform	\$3M
15	Streami (2015, Seoul)	Middleware and infrastructure for Blockchain remittance Blue Point Capital Partners, Shinhan Bank, icbnet.co.kr	Application development platform	\$2M
Tembusu Systems X _a *	Tembusu (2014, Singapore)	Cryptocurrency launching platform	Application development platform	\$1.12M
To America America	Stratumn (2015, Paris)	Development platform for blockchain applications. Otium Capital	Application development platform	\$670k
Fuzo	Fuzo (2014, Hong Kong)	Platform to put CryptoCurrency & Blockchain services on SIM Seedcoin, Coinsilium	Application development platform	\$300K
€	E-bit (2013, New York City)	Enterprise private Blockchain-as-a-Service protocol	Application development platform	\$250K
•	Neuroware (2013, Kuala Lumpur)	Infrastructure for bitcoin applications 500 Startups, Coinsilium	Application development platform	\$200k



Technology (5/24)

	Company	Overview	Business Model	Total Funding
STRATIS	Stratis Platform (2016, London)	Blockchain development platform	Application development platform	\$100K
<	ChromaWay (2014, Stockholm)	Developed a platform for trading of colored coins Plug and Play Tech Center, Vinnova	Application development platform	\$58.5K
	ChainReactor (2016, Indianapolis)	Blockchain development platform supporting multiple chains	Application development platform	
₿ BTL	Blockchain Tech LTD (2015, Vancouver)	Blockchain based development platforms for businesses Level39	Application development platform	
	Enigma (2014, Boston)	Decentralized computation platform	Application development platform	
	Krypton (2016, Tallahassee)	Alternative cryptocurrency and application development platform	Application development platform	
ဇၣ	Counterparty (2013, New York City)	Peer-to-Peer Financial Platform	Application development platform	
● NXT	Nxt Group (2013, Amsterdam)	Open source cryptocurrency, payment network and smart contracts platform	Application development platform	



Technology (6/24)

	Company	Overview	Business Model	Total Funding
	PBJ Cloud Service (2015, London)	Private Blockchain hosting services	Application development platform	
S > XNotes	XNotes (2014, Hong Kong)	Peer-to-peer decentralized blockchain platform Mind Fund	Application development platform	
nuco	Nuco (2016, Toronto)	Enterprise private blockchain solution provider	Application development platform	
<	The Blocknet (2014, Boston)	Blockchain agnostic platform-as-a-service	Application development platform	
₩ EXPANSE	Expanse (2015, Washington)	Open blockchain platform	Application development platform	
BunkerChain	BunkerChain Labs (2015, Debert)	Blockchain solutions to business and markets	Application development platform	
	Ascent Labs (2016, London)	Blockchain platforms for enterprises	Application development platform	
49	Ledgys (2016, Paris)	Ethereum based big data and blockchain applications platform	Application development platform	



Technology (7/24)

	Company	Overview	Business Model	Total Funding
©.	Cryptiv (2014, Toronto)	Enterprise infrastructure platform	Application development platform	
MonetaGo	MonetaGo (2014, New York City)	Online cryptocurrency exchange.	Application development platform	
• genesisproject"	Genesis Project (2015, New York City)	Private Blockchain solutions	Application development platform	
K	KrypC Technologies (2016, Bangalore)	Full stack Blockchain solution	Application development platform	
blocko	Blocko (2014, Seoul)	Blockchain development platform on cloud samsungsds.com	Application development platform	
i bitswift	Bitswift Decentralized Applications (2014, Ottawa)	Reward based decentralized network services	Application development platform	
Bitcloud	Bitcloud (2014, London)	Distributed network infrastructure for decentralized applications	Application development platform	
bloq	Bloq (2015, Chicago)	Enterprise grade blockchain solution provider	Application development platform	



Technology (8/24)

	Company	Overview	Business Model	Total Funding
(1)	I/O Digital (2014, Miami)	Blockchain Infrastructure services	Application development platform	
	Hyperledger Project (2014, San Francisco)	Platform to create public/private ledgers	Application development platform	
⊞ Blockpoint	Blockpoint (2015, Athens)	Technology platform to build decentralized applications	Application development platform	
	Avalanchain (2015, London)	Enterprise usability for blockchains	Application development platform	
LISK	Lisk (2016, London)	Platform for decentralized applications and sidechains	Application development platform	
(()	Chainscript (2015, Paris)	Developer friendly platform for building applications with blockchain enabled features	Application development platform	
BLOCKARPS	BlockApps (2015, Berkeley)	Blockchain API for Ethereum & Bitcoin 2.0 Ventriscapital, BlackPine Private Equity Partners, Fenbushi Capital, Radiant Venture Capital	Application development platform	
@	Monetas (2012, Zug)	Decentralized system for financial and legal transactions.	Application development platform	



Technology (9/24)

	Company	Overview	Business Model	Total Funding
MultiChain	Multichain (2014, Tel Aviv)	Open platform for building blockchains Mosaic Ventures	Application development platform	
all	Blockstack (2015, San Francisco)	Enterprise software stack for financial services to create blockchain 2.0 applications quickly and easily.	Application development platform	
A STATE OF S	Blockchain Technologies Corp (2015, New York City)	Blockchain technnology provider and startup accelerator	Application development platform	
	Tendermint (2015, San Francisco)	Enterprise blockchain platform	Application development platform	
• bitcore	Bitcore (2014, Atlanta)	Blockchain API for application development	Application development platform	
eris Meditals	Eris Industries (2014, London)	Smart contract applications development platform Anthemis Group	Application development platform	
*	Ethereum (2012, Toronto)	Cryptocurrency 2.0 Network	Application development platform	
'Mon to Min'	Nexchanges (2014, Mumbai)	Exchanges as a Service for transacting the world's illiquid asset classes	Application development platform	



Technology (10/24)

	Company	Overview	Business Model Total Fundin
	The Distributed Ledger (2016, Nashville)	News portal covering Blockchain for enterprise	Blockchain Education
	Chaingenie (2016, New York City)	Blockchain workbench	Blockchain Education
BLOCKGEEKS	BlockGeeks (2016, Toronto)	Online community for blockchain enthusiasts	Blockchain Education
ACCESS	ACCESS Singapore (2014, Singapore)	Association of crypto-currencies enterprises and start-ups Singapore	Blockchain Education
<u> </u>	Wall Street Bitcoin Alliance (2015, New York City)	Non-Profit Trade association for financial market professionals	Blockchain Education
BLOCKCHAIN FACTORY	Blockchain Factory (2014, Pompano Beach)	Blockchain consultancy and advisory	Blockchain Education
©	Furai Group (2016, Oviedo)	Online blockchain courses for enterprises	Blockchain Education
	Blockchain I/O (2014, Omaha)	Blockchain training and development	Blockchain Education



Technology (11/24)

	Company	Overview	Business Model	Total Funding
CHIPTOCHARRING FOUNCETON INSSER.	Cryptocurrency Foundation Russia (2014, St. Petersburg)	Blockchain community in Russia	Blockchain Education	
A	Assob.it (2015, Milan)	Association for development of Blockchain technology in Italy	Blockchain Education	
CHAINEUM	Chaineum (2015, Besancon)	Technology provider for decentralized autonomous companies	Blockchain Education	
<u>. 0</u>	Network Society Research (2014, London)	Thinktank for blockchain based governance solutions	Blockchain Education	
	Blocktive (2014, Berlin)	Blockchain intelligence & research company	Blockchain Education	
UNIVERSITY	Blockchain University (2014, Mountain View)	Blockchain Technology University	Blockchain Education	
To pass of in frage.	TradeBlock (2013, New York City)	Online cryptocurrency data and research Andreessen Horowitz, Data Collective, FinTech Collective, Digital Currency Group	Service providers	\$2.8M
CB Cambridge Blockchain	Cambridge Blockchain (2015, Cambridge)	Blockchain development services	Service providers	\$635k



Technology (12/24)

	Company	Overview	Business Model Total Funding
ZERADO	Zerado (2016, London)	Process consultancy for blockchain based services	Service providers
BLOCKCHAIN	Blockchain (Asia) Ltd (2016, Hong Kong)	Blockchain services firm focused on Asia	Service providers
Distributed Lab	Distributed Lab (2014, Kharkiv)	Blockchain development firm	Service providers
LedgerLabs	Ledger Labs (2015, Toronto)	On demand Blockchain services	Service providers
W	Lightrains (2012, Thiruvananthapuram)	Smart contract development services	Service providers
6	SOLES Corporation (2016, Delaware)	Data ledgerization and tokenization services on blockchain	Service providers
FINHAUS	Finhaus Labs (2016, Sydney)	Blockchain service provider for commercial applications	Service providers
(CoinFabrik (2014, Buenos Aires)	Cryptocurrency applications development services	Service providers



Technology (13/24)

	Company	Overview	Business Model	Total Funding
коїванх°	Koibanx (2014, London)	Asset digitization services	Service providers	
WH.	Hoopox (2016, Chaoyang)	Digital asset management and blockchain technology services	Service providers	
	Agentic Group (2015, New York City)	Blockchain consortium	Service providers	
Auxesis	Auxesis Services (2015, Mumbai)	Blockchain focused research group and incubator	Service providers	
800	Algorythmix Tech (2015, Mumbai)	Application development projects based on Ethereum	Service providers	
	NextTech (2016, Los Angeles)	Blockchain and artificial intelligence driven applications	Service providers	
BIBLOCKGRAM	Blockgram (2014, Phoenix)	Blockchain consulting and training services	Service providers	
W	Distributed Vision (2015, Bracknell)	Strategic advisory services on blockchain and distributed ledger technology.	Service providers	



Technology (14/24)

	Company	Overview	Business Model Total Fu	ınding
BLOCK CHANGE	Blockchange DMCC (2015, Dubai)	Blockchain consulting and information services	Service providers	
	Block Matrix (2015, San Francisco)	Blockchain software development and advisory.	Service providers	
B	Labo blockchain (2015, Paris)	Blockchain services on project-basis	Service providers	
	Smart Contract Solutions (2015, Walnut)	Smart contracts design and implementation services Digital Currency Group	Service providers	
	DiQi (2015, Sunnyvale)	Blockchain as a service	Service providers	
(ii) brainbot	Brainbot Technologies Ag (2000, Mainz)	Smart Contract and Blockchain Consulting for Enterprises	Service providers	
R	RISKebiz Inclusive Finance Blockchain Solutions (2016, Vancouver)	Blockchain technology for inclusive finance	Service providers	
© Chainsmiths	Chainsmiths (2015, Ireland)	Blockchain consulting services	Service providers	



Technology (15/24)

	Company	Overview	Business Model	Total Funding
Validity Labs	Validity Labs (2015, Zurich)	Blockchain consulting and education services	Service providers	
0	Decentral (2014, Toronto)	Multi services Bitcoin ATM provider.	Service providers	
Ether.Fund	Ether.Fund (2014, Montreal)	Tools and investments to enable the Ethereum ecosystem	Service providers	
Ledgerise	Ledgerise (2015, New York City)	Blockchain development services	Service providers	
BLOCKCHAIN	Blockchain Lab (2014, London)	Blockchain development and consulting	Service providers	
	Coinify (2014, Wroclaw)	Decentralised application building services	Service providers	
(K)	Leading Knowledge (2015, Toronto)	Blockchain applications and consultiing for businesses	Service providers	
(Circles/Stoke)	CodeStake (2015, London)	Blockchain application development services	Service providers	



Technology (16/24)

	Company	Overview	Business Model	Total Funding
IBT	IBT Blockchain-as-a-Service solutions (2014, S-Hertogenbosch)	Blockchain-as-a-service solutions Fintech Fusion	Service providers	
*	SWITCHLESS (2013, Singapore)	Bitcoin software for banks, private wealth managers and brokerage firms. Ariadne Capital	Service providers	
0	Iprotus (2014, Zurich)	Blockchain development as a service	Service providers	
	Ledger Labs (2015, Toronto)	On-demand blockchain consulting and development firm	Service providers	
	Navlar (2001, Toronto)	Decentralized application development agency	Service providers	
	Oraclize (2015, London)	Oracle service bridging Smart contracts and the Internet	Service providers	
\odot	Nexus Development (2014, Miami)	Decentralized application development services company	Service providers	
QuantoZ	Quantoz (2013, Rotterdam)	Blockchain-based software tools and applications.	Service providers	



Technology (17/24)

	Company	Overview	Business Model	Total Funding
PLANCOUT	Dolores Phillips (2014, Atlanta)	Blockchain solution provider	Service providers	
8	Cryptonomex Inc. (2015, Blacksburg)	Software development services for custom blockchains and related technology.	Service providers	
B9	B9lab (2015, London)	B9lab delivers development, advisory, training & research on blockchain and decentralised applications.	Service providers	
0	ConsenSys (2014, Brooklyn)	BlockChain venture studio focused on Ethereum based ventures	Service providers	
(RUBIX	Rubix (2015, Toronto)	Software to develop blockchain applications	Service providers	
45	Ambisafe (2015, San Francisco)	Enterprise Blockchain software.	Service providers	
0	Blockstream (2014, San Francisco)	Blockchain development focused on sidechains innovation Khosla Ventures, AME Cloud Ventures, Innovation Endeavors, Horizons Ventures, Ribbit Capital, Real Ventures, Digital Garage, DG Incubation, SK Ventures, Future Perfect Ventures, Maiden Lane, Mosaic Ventures, Blockchain Capital, AXA Strategic Ventures, 7seasvc.com	Sidechain	\$76M



Technology (18/24)

	Company	Overview	Business Model	Total Funding
The second or require	RootStock (2015, Buenos Aires)	Smart Contract platform built on top of Block-Chain technology Bitmain, Digital Currency Group, Coinsilium	Sidechain	\$1M
S	Stefan Corporation (2016, Tokyo)	R&D on hashgraph-based consensus technologies and algorithms	Sidechain	
	Blockchain Helix (2016, Frankfurt am Main)	Web architecture to interact with multiple blockchains	Sidechain	
	RSK Labs (2015, Buenos Aires)	Smart contracts and sidechain implementation platform Bitmain, Digital Currency Group, Coinsilium	Sidechain	
CARDANO Labo	Cardano Labo (2015, Ho Chi Minh City)	Decentralized services on Ethereum blockchain	Sidechain	
() I/O DIGITAL	I/O Coin & Digital (2014, Miami)	Sidechains and private blockchains	Sidechain	
©	Crypti (2014, Earth)	Decentralized Application Platform	Sidechain	
CREDITS	Credits (2014, London)	Blockchain enabled platform	Sidechain	



Technology (19/24)

	Company	Overview	Business Model	Total Funding
₽	Everchain (2014, New York City)	Blockchain based mobile enterprise platform.	Sidechain	
တ	Counterparty (2014, New York City)	Robust and secure marketplace directly on the Bitcoin Blockchain.	Sidechain	
) TOKENLY	Tokenly (2014, Napa)	Cryptographic tokenization solutions	Smart Contracts	\$10k
	Trustless Privacy (2015, San Francisco)	Smart contracts platform for multiple uses	Smart Contracts	
6/5	mintchalk (2014, San Francisco)	Smart contract publishing tool	Smart Contracts	
9	Elevence Digital Finance (2015, Zurich)	Technology for rights/obligation determination on blockchain	Smart Contracts	
ATTORES	Attores (2016, Singapore)	Smart contracts platform	Smart Contracts	
₩bikloV -ryreps souds	Bitlov (2013, Euless)	Marketplace for money-automation templates	Smart Contracts	



Technology (20/24)

	Company	Overview	Business Model	Total Funding
CODIUS	Codius (2014, San Francisco)	A system for running smart contracts.	Smart Contracts	
	Etherparty (2015, Los Angeles)	Front-end of Blockchain based smart contract creation.	Smart Contracts	
∠ Mirror	Mirror (2011, New York City)	OTC trading & hedging platform provider Battery Ventures, Correlation Ventures, Crosslink Capital, Promus Ventures, Ludlow Ventures, RRE Ventures, Boost VC, Route 66 Ventures	Smart Contracts > Financial Assets	\$12.8M
HEDGY	Hedgy (2014, San Francisco)	Marketplace for hedging contracts on the Bitcoin. Sand Hill Angels, 2020 Ventures	Smart Contracts > Financial Assets	\$1.97M
	Amilabs (2015, Bangkok)	Bitcoin exchange service provider	Smart Contracts > Financial Assets	
MIGAS (A) TREZERV	Midas Rezerv (2015, Bangkok)	Asset digitization platform	Smart Contracts > Financial Assets	
ħ	HayekGold (2016, Las Vegas)	Gold backed digital asset transfer platform	Smart Contracts > Financial Assets	
大	Lykke Corp (2015, Zurich)	Financial asset exchange via wallets	Smart Contracts > Financial Assets	



Technology (21/24)

	Company	Overview	Business Model	Total Funding
METACO	Metaco SA (2014, Vevey)	Smart securities brokerage infrastructure for Blockchain	Smart Contracts > Financial Assets	
Ξχ	EtherEx (2014, Montreal)	Decentralized cryptocurrency exchange.	Smart Contracts > Financial Assets	
chainsend	Chainsend Financial (2015, Nairobi)	Digital asset management over blockchain	Smart Contracts > Financial Assets	
	BitShares (2013, Blacksburg)	Smart contracts platform	Smart Contracts > Financial Assets	
	DigixGlobal (2014, Singapore)	Smart Asset firm based on Block Chain - Ethereum	Smart Contracts > Financial Assets	
	Omnilayer (2013, Seattle)	Protocol for creation and trading of smart properties and user currencies	Smart Contracts > Financial Assets	
Q	Colored Coins (2014, Tel Aviv)	Open source API for issuing blockchain based digital assets	Smart Contracts > Financial Assets	
cuber [°]	Cuber Technology (2015, Tallinn)	Cryptographic Universal Blockchain Entered Receivables	Smart Contracts > Financial Assets	



Technology (22/24)

	Company	Overview	Business Model	Total Funding
	CoinSpark (2014, Tel Aviv)	Scalable solution for colored coins	Smart Contracts > Financial Assets	
SAE	Secure Asset Exchange (2014, New York City)	Exchange for smart contracts based on Nxt currency	Smart Contracts > Financial Assets	
×	ClearingHouse (2014, Toronto)	Decentralized smart contracts protocol built on top of an altcoin block chain.	Smart Contracts > Financial Assets	
QuityBits Beta	Equitybits (2014, London)	Digital Share Certificates for Growing Companies.	Smart Contracts > Financial Assets	
© CRYPTO LAW	CryptoLaw (2015, Hong Kong)	Legal Smart Contracts Management System (SCMS)	Smart Contracts > Legal	
	WillEth (2015, George Town)	Paper will registry on Ethereum blockchain	Smart Contracts > Legal	
BitCourt	BitCourt (2015, Buenos Aires)	Contract and transparency platform using blockchain technology.	Smart Contracts > Legal	
BLOCKCHAIN APPARATUS	Blockchain Apparatus (2013, New York City)	Voting, smart contracts and more on the blockchain	Smart Contracts > Legal	



Technology (23/24)

	Company	Overview	Business Model	Total Funding
0	Blocksign (2014, New York City)	Blocksign is a blockchain service for legally signing any document, contract, or agreement.	Smart Contracts > Legal	
♠ Tapclose	Tapclose (2016, Austin)	P2P real estate platform on the blockchain	Smart Contracts > Real Estate	
SMART PROPERTY	Smartproperty.io (2013, London)	IoT and smart contracts based solution for real estate and hospitality properties	Smart Contracts > Real Estate	
Propy	Propy (2015, Menlo Park)	Real Estate marketplace powered by blockchain based property registration	Smart Contracts > Real Estate	
Frickco.in	Brickcoin (2014, New York City)	Real estate investments via virtual currency	Smart Contracts > Real Estate	
Bit land and the headen dains	Bitland Global (2013, Kumasi)	Land registry on blockchain	Smart Contracts > Real Estate	
coinshark.io	Coinshark (2015,)	Blockchain based P2P lending platform.	Smart Contracts > Real Estate	
u	uBITquity (2014, Delaware)	Blockchain-secure platform for Real Estate	Smart Contracts > Real Estate	



Technology (24/24)

	Company	Overview	Business Model	Total Funding
M	Midasium (2015, London)	Smart contracts for real estate	Smart Contracts > Real Estate	
	CoinDaddy (2014, Huntington Beach)	Crypto 2.0	Smart Contracts > Real Estate	



Enterprise (1/19)

	Company	Overview	Business Model	Total Funding
cłause	Clause (2015, New York City)	Autonomous contracts on the blockchain		
	DeBuNe (2014, Singapore)	Decentralised Business Network Platform		
OOMOQU	Oomoqu (2014, Cupertino)	Ethereum based customer experience solution		
NETKI	Netki (2014, Canoga Park)	Wallet naming service. O'Reilly AlphaTech Ventures, Plug and Play Tech Center, Bitfinex, Base Ventures, Digital Currency Group, The Husseini Group, Colle Capital	Distributed Identity	\$3.5M
0	Civic Technologies (2016, Palo Alto)	Personal Identity Protection services on blockchain BBVA Ventures, Future Perfect Ventures, Pantera Capital, Blockchain Capital, Digital Currency Group, Social Leverage, Sound Ventures	Distributed Identity	\$2.75M
Щ	Clef (2012, San Francisco)	Replacement for usernames and passwords Morado Ventures	Distributed Identity	\$2.2M
onename	Onename (2013, New York City)	Managing online identity and personal data Y Combinator, SV Angel, Union Square Ventures, Dorm Room Fund, High Line Venture Partners, Digital Currency Group	Distributed Identity	\$1.62M
Sho Card	ShoCard (2015, Palo Alto)	Distributed identity on blockchain AME Cloud Ventures, Morado Ventures, Enspire Capital, Digital Currency Group	Distributed Identity	\$1.5M



Enterprise (2/19)

	Company	Overview	Business Model	Total Funding
	Cryptid (2016, Rochester)	Digital identity management on blockchains	Distributed Identity	
blockstack <labs></labs>	Blockstack (2013, New York City)	Blockchain based identity management Union Square Ventures	Distributed Identity	
Identifi	ldentifi (2015, Helsinki)	P2P Identity and Reputation Database	Distributed Identity	
The second of the second	2WAY (2014, Amsterdam)	Peer-to-Peer Identity & Reputation management	Distributed Identity	
	Brontech (2016, Sydney)	Blockchain-based identity and data-sharing platform.	Distributed Identity	
my lid store	My ID Store (2016, San Francisco)	User data storage and monetization platform	Distributed Identity	
PeerSafe	PeerSafe (2014, Beijing)	Blockchain-based IAM & information sharing solution Lightspeed China Partners	Distributed Identity	
accredited access	Accredited Access (2013, Montreal)	Blockchain based investor verification service with portal	Distributed Identity	



Enterprise (3/19)

	Company	Overview	Business Model	Total Funding
COINFIRM	Coinfirm (2016, Warsaw)	Blockchain AML and KYC Block Chain Space	Distributed Identity	
one chairwine	ChainVine (2015, London)	Enterprise blockchain service and solution provider Sushi Venture Partners	Distributed Identity	
To place and it dropped	PeerName (2014, Sofia)	Decentralized registry for domains and identities	Distributed Identity	
uport	Uport (2016, Brooklyn)	On-blockchain risk management	Distributed Identity	
	KYC-Chain (2013, Singapore)	KYC on Blockchain Technology	Distributed Identity	
e	Evernym (2013, Salt Lake City)	Distributed identity platform Venture Capital	Distributed Identity	
passcard	Passcard (2014, Shanghai)	Decentralized online identity	Distributed Identity	
	blockchainMe (2015, California)	A tool for creating verifiable IDs on the blockchain	Distributed Identity	



Enterprise (4/19)

	Company	Overview	Business Model	Total Funding
	Everpass (2013, San Francisco)	secure authentications and authorizations infrastructure for internet transcations	Distributed Identity	
	Uniquid (2015, Rome)	Solution for identity and access management.	Distributed Identity	
C	Clock (2015, Amsterdam)	Project management software to identify project teams.	Distributed Identity	
G	GreencoinX (2013, Ahmedabad)	Identifiable digital currency.	Distributed Identity	
•	BioSSL (2014, Wellington)	Biometrics on the blockchain InvestorsAngel	Distributed Identity > Biometric Identity	\$250K
0	UniquID (2015, San Francisco)	Blockchain based identity and access management solutions	Distributed Identity > Biometric Identity	
B	BanQu (2015, Austin)	Economic identity platform on blockchain	Distributed Identity > Economic Identity	\$100k
0	Tradle (2014, New York City)	SaaS on Bitcoin blockchain Startupbootcamp	Distributed Identity > Economic Identity	\$17K



Enterprise (5/19)

	Company	Overview	Business Model	Total Funding
⊗ Keybase	Keybase (2013, New York City)	Identity mapping service with public keys Andreessen Horowitz, Corazon Capital	Distributed Storage	\$10.8M
The state of the state of	Maidsafe (2013, Troon)	Decentralized platform for application developers.	Distributed Storage	\$6M
•	Protocol Labs (2014, San Francisco)	Blockchain network service providers	Distributed Storage	\$3.73M
	Storj (2014, Atlanta)	Distributed, shared and incentivised Cloud Storage Pilot Mountain Ventures	Distributed Storage	\$2.36M
ď	Nebulous (2015, Cambridge)	Blockchain-based storage platform Raptor Group, Procyon Ventures, Fenbushi Capital	Distributed Storage	\$1.25M
•	IPFS (2014, San Francisco)	Peer-to-peer hypermedia protocol. FundersClub	Distributed Storage	\$120K
f	Filecoin (2014, San Francisco)	Data storage network and electronic currency Y Combinator, Digital Currency Group	Distributed Storage	\$120k
MINEROX	Minebox (2016, Vienna)	Secure data storage solutions on blockchain	Distributed Storage	



Enterprise (6/19)

	Company	Overview	Business Model	Total Funding
rik.	StackGeek (2014, San Francisco)	Bitcoin for software instances	Distributed Storage	
vaultmagic	Vaultmagic (2012, London)	Authentification, identification, secure messaging and private cloud on block chain	Distributed Storage	
CLOUDMODE	CloudMo (2009, Henderson)	Cloud storage with blockchain authentication	Distributed Storage	
	Zennet (2014, Tel Aviv)	Marketplace for crowdsourcing computational infrastructure.	Distributed Storage	
	Democracy Earth Foundation (2012, San Francisco)	Digital governance for small communities, corporations, large cities & nations Y Combinator	Governance solutions	\$250K
0	Otonomos (2014, Singapore)	Platform to maintain a blockchain-chartered company Startupbootcamp, Bansea, Fenbushi Capital	Governance solutions	\$17.9k
chainworks.lo	Chainworks (2016, Brest)	Contractual joint ventures on the ethereum public blockchain.	Governance solutions	
- 2/2	Eauction (2015, Kiev)	Decentralized auction system	Governance solutions	



Enterprise (7/19)

	Company	Overview	Business Model Total Fund	ding
\$	Second Studio (2016, Los Angeles)	Enterprise VR platform with blockchain based team management	Governance solutions	
(3)	Humanitarian Blockchain (2016, London)	Blockchain consultancy for global e-governance and humanitarian affairs.	Governance solutions	
C	Aythami Innovation Developments (2016, Las Palmas)	Blockchain based governance and cyber security solutions	Governance solutions	
2	Socioneers (2016, Amsterdam)	Online tools for community participation	Governance solutions	
♂ BCI Labs	Clearkast (2014, Lewes)	Transparent Blockchain based election solution	Governance solutions	
a	Advocate (2015, New York City)	Engagement tool to connect citizens and elected representatives.	Governance solutions	
	Ben Ben Ltd (2014, Accra)	Blockchain based digital government payments and land titles Techstars	Governance solutions	
VEX	Venture Equity Exchange (2015, New York City)	VC governance and contract execution platform	Governance solutions	



Enterprise (8/19)

	Company	Overview	Business Model	Total Funding
100	Blockchain Innovation Labs (2014, Lewes)	Decentralized Blockchain Voting and governance solutions	Governance solutions	
BoardRoom	BoardRoom (2015, Toronto)	Blockchain based governance platform provider	Governance solutions	
To Add and the Market	Backfeed (2015, Tel Aviv)	Governance-enabling protocol layer on top of the blockchain.	Governance solutions	
3	BitNation (2014, Rio De Janeiro)	Decentralized Governance Services using BlockChain technology	Governance solutions	
\(\)	Filament (2012, Reno)	Decentralized Internet of Things stack Techstars, Crosslink Capital, Resonant Venture Partners, Samsung Venture Investment, Bullpen Capital, Verizon Ventures, Digital Currency Group, Working Lab Capital, Zenstone Venture Capital, VTF Capital	Internet Of Things	\$11.08M
•	IOTA (2015, Berlin)	Blockchain for IoT application development	Internet Of Things	
EO	Earth Observation (2014, San Francisco)	Blockchain based traceability system to prevent illegal logging	Internet Of Things	
Block Safe	Blocksafe (2014, Atlanta)	Smart lock using blockchain	Internet Of Things	



Enterprise (9/19)

	Company	Overview	Business Model	Total Funding
*	Tile Data Processing Inc (2015, Montreal)	Internet of Things micropayment platform	Internet Of Things	
Slock.it	Slock.it (2015, Mittweida)	Block chain based IoT smart contract solution	Internet Of Things	
di.	Blockchain of Things (2015, New York City)	Blockchain enabled network of devices	Internet Of Things	
Keychain	Keychain (2016, Singapore)	Decentralized authentication platform.	Ownership Authentication	
lacksquare	Bitmark (2014, Taipei)	Ownership authentication for physical/digital assts	Ownership Authentication	
0	Woleet (2015, Rennes)	Blockchainn-as-a-Service for ownership authentication	Ownership Authentication	
***	Stem Disintermedia (2015, Los Angeles)	Digital rights management Upfront Ventures, Ludlow Ventures, Three Six Zero, Third Wave Digital, Vayner/RSE, Blockchain Capital	Ownership Authentication > Digital Rights Management	\$4.5M
0	Ascribe (2014, Berlin)	Tools to secure digital creations. Earlybird, Digital Currency Group, Freelands Ventures	Ownership Authentication > Digital Rights Management	\$2M



Enterprise (10/19)

	Company	Overview	Business Model	Total Funding
? •	Mediachain (2015, New York City)	Digital media association on blockchain. Andreessen Horowitz, Union Square Ventures, RRE Ventures, LDV Capital, Digital Currency Group	Ownership Authentication > Digital Rights Management	\$1.5M
b lockai	Blockai (2014, San Francisco)	Digital asset ownership management Social Starts, Vectr Ventures, Ramen Underground, Sterling	Ownership Authentication > Digital Rights Management	\$547k
clipperz	Clipperz (2005, Bagnacavallo)	protection and ownership management of digital assets Wayra	Ownership Authentication > Digital Rights Management	\$110.18k
4	Bernstein Technologies (2016, Munich)	Intellectual property management on the blockchain	Ownership Authentication > Digital Rights Management	
	Paperchain (2016, Sydney)	Standardised metadata collection, storage and reporting for the music industry.	Ownership Authentication > Digital Rights Management	
Sh®Fu	Tryshifu (2016, Singapore)	Digital rights management for artists	Ownership Authentication > Digital Rights Management	
rb	RightsBlock (2014, Los Angeles)	Digital rights management for creators	Ownership Authentication > Digital Rights Management	
	Mine (2015, Brooklyn)	Decentralized content identification and interaction	Ownership Authentication > Digital Rights Management	



Enterprise (11/19)

	Company	Overview	Business Model	Total Funding
G	CertiCert (2015, Boulder)	Authentication and validation of internet assets	Ownership Authentication > Digital Rights Management	
	Block Notary (2015, Santa Clara)	Store digital fingerprint of files online in a Bitcoin BlockChain	Ownership Authentication > Digital Rights Management	
Î	Degree of Privacy (2015, Washington D.C.)	Online digital degree verification	Ownership Authentication > Digital Rights Management	
S	Stampery (2014, Madrid)	Stamp emails and files for proof of existence and ownership Boost VC, Draper Associates, Blockchain Capital	Ownership Authentication > Documents	\$600k
K‱X	KeeeX (2014, Marseille)	Trusted document management on the blockchain	Ownership Authentication > Documents	\$560k
S	Stampery (2014, Madrid)	Certify documents on Blockchain.	Ownership Authentication > Documents	\$500k
TR	Trustatom (2014, Vancouver)	Enforceable digital contracts Plug and Play Tech Center	Ownership Authentication > Documents	\$100k
Verity	Verity (2015, London)	Document storage and verification on the blockchain Cyber London (CyLon)	Ownership Authentication > Documents	\$21.28K



Enterprise (12/19)

	Company	Overview	Business Model	Total Funding
V	Mifiel (2015, Jalisco)	Blockchain based legal contracts	Ownership Authentication > Documents	
doqu m.io	Doqum.io (2016, Zurich)	Document infrastructure leveraging blockchain Startupbootcamp, nexussquared	Ownership Authentication > Documents	
Q	Appii (2016, London)	Resume verification on blockchain	Ownership Authentication > Documents	
PROOFOFYOU	ProofofYou (2016, Tallinn)	Digital Signatures And Intelligent Document Platform Startupbootcamp, nexussquared	Ownership Authentication > Documents	
pen Trade Dacs	Open Trade Docs (2015, Singapore)	Certification and compliance to online identities and documents Startupbootcamp	Ownership Authentication > Documents	
SON-COTT	OriginalMy (2005, Sao Paulo)	Blockchain Proof of Authenticity, Sign & Cert	Ownership Authentication > Documents	
BISANTYUM	Bisantyum (2014, Toronto)	Distributed Digital Rights Management with Blockchain Technology	Ownership Authentication > Documents	
200	Blocksig (2014, Boston)	Smart contracts based on Bitcoin blockchain	Ownership Authentication > Documents	



Enterprise (13/19)

	Company	Overview	Business Model	Total Funding
stampd	Stampd (2014, Athens)	Document Blockchain stamping service.	Ownership Authentication > Documents	
✓	Bitproof (2015, San Francisco)	Blockchain based true certification. Boost VC	Ownership Authentication > Documents	
	Chronicled (2014, San Francisco)	Product authentication on blockchain Mandra Capital, Social Starts, Pantera Capital, Colbeck	Ownership Authentication > Products	\$5.33M
m	Monegraph (2015, New York City)	Platform to create media licensing for creative work, on the blockchain.	Ownership Authentication > Products	\$1.65M
•	Provenance (2014, London)	Product supply chain transparency using Blockchains Wayra	Ownership Authentication > Products	\$231.05K
CRYSTALCHAIN	BlockPharma (2016, Paris)	Counterfeit medicine prevention solution on blockchain	Ownership Authentication > Products	
HALISI	Halisi Tech (2016, Madrid)	Blockchain solution for counterfeit Pharmaceuticals	Ownership Authentication > Products	
$\widehat{\nabla}$	Viveat (2014, Milano)	B2B software for IoT based product authentication	Ownership Authentication > Products	



Enterprise (14/19)

	Company	Overview	Business Model	Total Funding
Trace	Trace (2014, London)	Provider of digital property titles for art and high value goods on the Blockchain.	Ownership Authentication > Products	
	Verisart (2015, Los Angeles)	Platform to certifying and verifying art via the blockchain. <i>Rhodiu</i> m	Ownership Authentication > Products	
Trace	Trace (2014, London)	Digital property titles for art and high value goods on the Blockchain	Ownership Authentication > Products	
30%	ChainLink (2015, New York City)	Issue, validate and transfer authenticity & title of real-world stuff	Ownership Authentication > Products	
*	Blockverify (2014, London)	Blockchain based Anti counterfeit solutions. Y Combinator	Ownership Authentication > Products	
%	Factom (2014, Austin)	Blockchain as a service for protecting enterprise data Fenbushi Capital, Fastforward Innovations	Record Keeping	\$3M
☆ 福全 國	Baoquan (2014, Hangzhou)	Blockchain technology for various industries	Record Keeping	\$1.56M
7	Tierion (2013, Hartford)	Verifiable record of data, file on blockchain Blockchain Capital, Digital Currency Group, Fenbushi Capital	Record Keeping	\$1M



Enterprise (15/19)

	Company	Overview	Business Model	Total Funding
Continusec	Continusec (2016, Bellerive)	Verifiable data structures for enterprises	Record Keeping	
EmerCoin	Emercoin (2012, Kirkland)	Digital currency and blockchain services	Record Keeping	
※	Chainpoint (2016, Hartford)	Standard protocol for universally verifiable proof of data	Record Keeping	
	Proof of existence (2012, Buenos Aires)	Decentralized ledger for storing proof of existence of documents.	Record Keeping	
S isoive	iSolve (2014, Philadelphia)	Blockchain solutions for Biotech.	Record Keeping	
DAMA Bits	DNA bits (2014, Jerusalem)	Medical and genetic technology using block chain	Record Keeping	
och	Feedz (2015, Louisville)	Micro-news-reporting platform	Record Keeping	
	BlockTech (2013, San Diego)	Distributed Applications, Cryptoeconomies, Hardware & Knowledge	Record Keeping	



Enterprise (16/19)

	Company	Overview	Business Model	Total Funding
bustiQ	burstIQ (2015, Denver)	Cloud-based data aggregation platform for providers <i>PV Ventures</i>	Record Keeping > Electronic Health Records	\$250k
PH	Ipseity Solutions (2016, Seattle)	Decentralized health information exchange platform	Record Keeping > Electronic Health Records	
SimplyVital Health	SimplyVital Health (2016, Hartford)	Blockchain based care coordination platform	Record Keeping > Electronic Health Records	
	Blockchain Health Corporation (2016, San Francisco)	Patient records management based on device identity model	Record Keeping > Electronic Health Records	
,Ef LogicalForm	Logical form (2013, Tel Aviv)	Apps and Blockchain data templates for enterprises	Record Keeping > Electronic Health Records	
#	Healthchain (2016, London)	Personalised healthcare management infrastructure on blockchain	Record Keeping > Electronic Health Records	
	Acentric (2015, New York City)	Medical grade health data platform	Record Keeping > Electronic Health Records	
000	Genecoin (2014, San Francisco)	Populate Bitcoin Blockchain with the sequenced DNA of its customers	Record Keeping > Electronic Health Records	



Enterprise (17/19)

	Company	Overview	Business Model	Total Funding
	BitHealth (2014, Baltimore)	Provides healthcare identity and records with bitcoin.	Record Keeping > Electronic Health Records	
()	Guardtime (2007, Irvine)	Big data & blockchain based threat detection & mitigation Microsoft Ventures, Skype, Horizons Ventures, Infocomm Investments, Ambient Sound Investments, FIT One, thevine.irvinecompany.com/orange-county	Security	\$8.73M
Vida	Vida Identity (2014, New York City)	Enterprise-grade Blockchain identity software Red Swan Ventures, Liberty City Ventures, Red Sea Ventures	Security	\$3M
FP	HYPR Corp (2014, New York City)	Biometrics based authentication across mobile, desktop & IoT systems	Security	\$650k
airBitz	Airbitz (2014, San Diego)	Blockchain based security platform Plug and Play Tech Center, Block26	Security	\$475k
\odot	YouAuth (2014, Rancho Santa Fe)	Stealth Mode: Blockchain-based secure messaging platform	Security	
Stocker #	Blocklink Tech (2016, Melbourne)	Cyber threat Intelligence solutions on Blockchain via P2P information sharing networks	Security	
Magic. In Bits	Shield128 (2015, Tel Aviv)	Security platform for enterprises utilizing blockchain Boost VC	Security	

Enterprise (18/19)

	Company	Overview	Business Model	Total Funding
(12)	Vault12 (2015, Mountain View)	Blockchain security company Maiden Lane	Security	
2	Evita.io (2016, Palo Alto)	Identity fraud protection product company	Security	
% vchain	VChain Technology (2016, London)	Blockchain based Identity verification SaaS	Security	
①	onQuo (2012, London)	PAAS for private decentralized networks	Security	
	Airlock (2014, Toronto)	Access protocol for smart property powered by Ethereum and the IoT	Security	
R threat	Rivetz (2014, San Francisco)	Provides trusted executions based on Blockchain. Coinsilium	Security	
J INSTASUPPLY	InstaSupply (2014, London)	Procurement platform for buyers-suppliers.	Supply Chain	\$1.5M
	Flytnet Logitech (2016, Pune)	Blockchain based logistics solutions	Supply Chain	



Enterprise (19/19)

	Company	Overview	Business Model	Total Funding
Trakti	trakti.com (2013, Trento)	P2P platform for enterprises	Supply Chain	
6	The 6 Project (2016, Toronto)	Enterprise blockchain solutions and R&D	Supply Chain	
seat 15	Seat15 (2015, The Hague)	Automated seating and ticketing solutions	Supply Chain	
DTCO	DTCO (2014, Taipei)	Digitial certificate for supply chain using block chain technology	Supply Chain	
thing chain	Thingchain (2015, Mountain View)	API to attach stories to things	Supply Chain	
e	Edgelogic (2014, Sydney)	Blockchain based supply chain disintermediation and service innovations.	Supply Chain	
UPGRADED MOBILE SECURE SMART.	Upgraded (2016, San Francisco)	Event ticketing software on blockchain	Ticketing	



Consumer (1/9)

	Company	Overview	Business Model	Total Funding
Revelator	Revelator (2013, Jerusalem)	Cloud-based marketing solutions for music professionals Digital Currency Group, Exigent	Art & Music distribution	\$3M
	artCOA (2015, San Francisco)	Blockchain based company builder Pantera Capital	Art & Music distribution	\$1.4M
	PeerTracks (2014, Quebec City)	Bitcoin based music discovery platform.	Art & Music distribution	\$530k
Tae	TAO Network (2016, Denver)	Smart contracts driven music distribution	Art & Music distribution	\$100k
1	Sumo Reader (2016, Los Angeles)	Blockchain based ebook sales and distribution	Art & Music distribution	
	ArtByte Foundation (2014, Houston)	Cryptocurrency and social platform focused on rewarding artists	Art & Music distribution	
	Blokur (2016, London)	Creative rights management for music industry	Art & Music distribution	
ASSETCHAIN	Asset Chain (2014, London)	Provides asset security and verification.	Art & Music distribution	



Consumer (2/9)

	Company	Overview	Business Model	Total Funding
6	BIttunes (2013, Sydney)	Independent music market	Art & Music distribution	
. Ø Oereo	Dereo (2015,)	Decentralizing over-the-air TV streaming network	Art & Music distribution	
WO MISS	Ujo (2014, Oxford)	Bockchain-based shared infrastructure for music distribution	Art & Music distribution	
jaak	Jaak (2015, London)	Decentralised music steaming service	Art & Music distribution	
<u> [43</u>	Ampliative Art (2015, Barcelona)	Art procedure based on reciprocity to empower art actors	Art & Music distribution	
The state of the s	bittunes (2013, Shoreditch)	Monetized super-distribution for music industry	Art & Music distribution	
ARTCITY	ArtCity (2015, Berlin)	Digital art auction platform	Art & Music distribution	
M	MiVote (2013, Melbourne)	Blockchain based voting app and political movement in Australia	Decentralized voting	



Consumer (3/9)

	Company	Overview	Business Model	Total Funding
	veri.vote (2015, Perth)	Blockchain based voting for organisations	Decentralized voting	
Crypto √ote r	Cryptovoter (2014, Lewes)	Decentralized voting for bitcoin governance	Decentralized voting	
V oatz	NiMSiM LLC (2014, Brookline)	Decentralized voting	Decentralized voting	
Crypto √ote r	Blockchain Innovation Labs (2014, Houston)	Decentralized Blockchain Voting for bitcoin governance	Decentralized voting	
(CLEARVOTER)	Clearvoter (2014, Tampa)	Politico-social network platform for political activism	Decentralized voting	
<u> </u>	BitCongress (2014, Beaverton)	Blockchain Voting System and Decentralized Legislation Platform	Decentralized voting	
DECENT	Decent (2015, Geneva)	Decentralized content distribution platform	Digital Content	\$2M
₩Rcrypt	VARcrypt (2016, New York City)	Blockchain content distribution platform for AR/VR content	Digital Content	



Consumer (4/9)

	Company	Overview	Business Model	Total Funding
3	SuchFlex (2016, San Francisco)	Distributed computing marketplace	Digital Content	
tradefor	Tradefor (2016, New York City)	Virtual reality enabled marketplace on Ethereum	Digital Content	
F ermat	Fermat (2014, Dubai)	Monetisation-enabled software development marketplace	Digital Content	
	freemyvunk (2015, Detroit)	Virtual gaming content monetisation platform	Digital Content	
BLOCKPARTI	Block Parti (2015, Honolulu)	Social media platform with monetization model	Digital Content	
90	BlockCache (2015, Copenhagen)	Blockchain-based secure content delivery network	Digital Content	
€ ⊙ OWNAGE	Ownage (2016, London)	Ethereum based platform to trade digital game content	Digital Content	
Q	Qutrit Systems (2015, Tainan)	Machine banking system built with blockchains	Digital Content	



Consumer (5/9)

	Company	Overview	Business Model	Total Funding
theSunExchange	The Sun Exchange (2014, Cape Town)	Peer to peer lending for solar energy projects Boost VC	Energy	\$60k
Volt	Volt Markets (2016, Houston)	Distribution marketplace for Decentralized RECs	Energy	
POWER LEDGER	Power Ledger (2016, Perth)	P2P energy trading	Energy	
	SolarCoin (2014, Tokyo)	Solar energy currency	Energy	
Batan	Batan (2014, London)	Decentralized network to trade emission allowances and carbon credits	Energy	
G idgularity	Grid Singularity (2016, Vienna)	Decentralized energy data exchange platform	Energy	
TRANSACTIVEGRID	Transactive Grid (2015, New York City)	Real-time metering of local energy generation	Energy	
	FirstBlood Technologies (2016, Boston)	Decentralized eSports platform	Gaming platform	\$5.5M



Consumer (6/9)

	Company	Overview	Business Model	Total Funding
Spells Genesis	Spells of Genesis (2014, Geneva)	Trading card/arcade game for Android and iOS	Gaming platform	
	DAC Play (2014, Blacksburg)	PlayShare Play Foundation	Gaming platform	
**	Peerplays (2015, Debert)	Decentralized tournament management and wagering platform	Gaming platform	
OB1	OB1 (2015, Fairfax)	Blockchain based P2P marketplace Andreessen Horowitz, Union Square Ventures, RRE Ventures	P2P commerce	\$2.5M
qir	Air.life (2016, Nice)	Professional messaging platform backed by blockchain based reputation management	P2P commerce	
守	Mamoru (2014, Berlin)	Ownership authentication of personal assets on Ethereum nexussquared	P2P commerce	
♦ Mubiz	Mubiz (2016, Paris)	P2P commerce without intermediary	P2P commerce	
0	Onvisor (2016, Leiden)	Agreement negotiation and storage on blockchain	P2P commerce	



Consumer (7/9)

	Company	Overview	Business Model	Total Funding
Syscoin	Syscoin (2014, Brasilia)	Blockchain services for merchants via marketplace	P2P commerce	
(AH)	Elephant (2015, Rosyth)	Economic exchange platform for businesses	P2P commerce	
G BugCo.Jo : cultidorative troping	BuyCo Services (2016, London)	Decentralized commerce service Outlier Ventures	P2P commerce	
BIOLECK BIOLOGICAL PUR	Block Bazaar (2015, London)	Blockchain for Business Marketplace	P2P commerce	
augur	Augur (2014, San Francisco)	Open-Source, decentralized prediction market platform.	Prediction markets	\$5.1M
eyePi	EyePi (2015, New York City)	Crowd-sourced medicine	Prediction markets	
	Protoblock (2014, Walnut Creek)	Monetized platform for fantasy football followers	Prediction markets	
To Park of the Park	Groupgnosis (2015, New York City)	Crowdsourced prediction platform	Prediction markets	



Consumer (8/9)

	Company	Overview	Business Model	Total Funding
	Status (2015, Berlin)	Messaging service on Ethereum blockchain	Social networks	\$1.2M
i	The World Table (2013, Orem)	A comment system to improve online engagement, build writer credibility, and stop trolls.	Social networks	\$1M
Ubby	Ubby (2016, San Francisco)	Incentivized social network and marketing platform	Social networks	
111	Steem (2016, New York City)	Blockchain incentivised social network	Social networks	
	Drop (2015, Munich)	Blockchain based identity and private content network	Social networks	
	Ideapod (2010, New York City)	Monetized exchange for ideas	Social networks	
BRANE	The Brave Organisation (2016, Vancouver)	Donation platform on the blockchain	Social networks	
**E=31*	Gyrofin (2016, San Diego)	D-app developer with consumer-centric product	Social networks	



Consumer (9/9)

	Company	Overview	Business Model	Total Funding
Paymeabit	Paymeabit (2015, Cagliari)	Online media monetization with bitcoin	Social networks	
\$ ^synereo	Synereo (2014, Tel Aviv)	Distributed and decentralized social network	Social networks	
S	CryptaMail (2014, San Francisco)	Secure decentralized blockchain based email service	Social networks	
CONCURER	Concurer (2016, New York City)	Collabration platform for unified communication	Social networks	
8_	PointNurse (2014, Nashville)	Decentralized heathcare platform for access to providers	Social networks	
	Rainvow (2016, San Jose)	Smart Contracts Platform for insurance built on Ethereum	Transportation	
%	Lazooz (2014, Tel Aviv)	Blockchain based smart transportation marketplace	Transportation	



DAO

	Company	Overview	Business Model	Total Funding
MAKER	MakerDAO (2015, Copenhagen)	DAO managing alternative cryptocurrency		
C	Chainlab (2016, Tel Aviv)	DAO creation platform Bitmain		
Ð	The DAO (2016, San Francisco)	Decentralized Autonomous Organization running projects for the sharing economy		
	BXD (2016, London)	Ethereum based blockchain DAO		
	Pokereum (2015, New York City)	Decentralized poker		



Scope of Report **Entrepreneur Activity Investment Trend** Who is Investing Exit Outlook - IPO, Acquisitions **Sub Sector Analysis Interesting Companies Useful Links Company List** Team



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