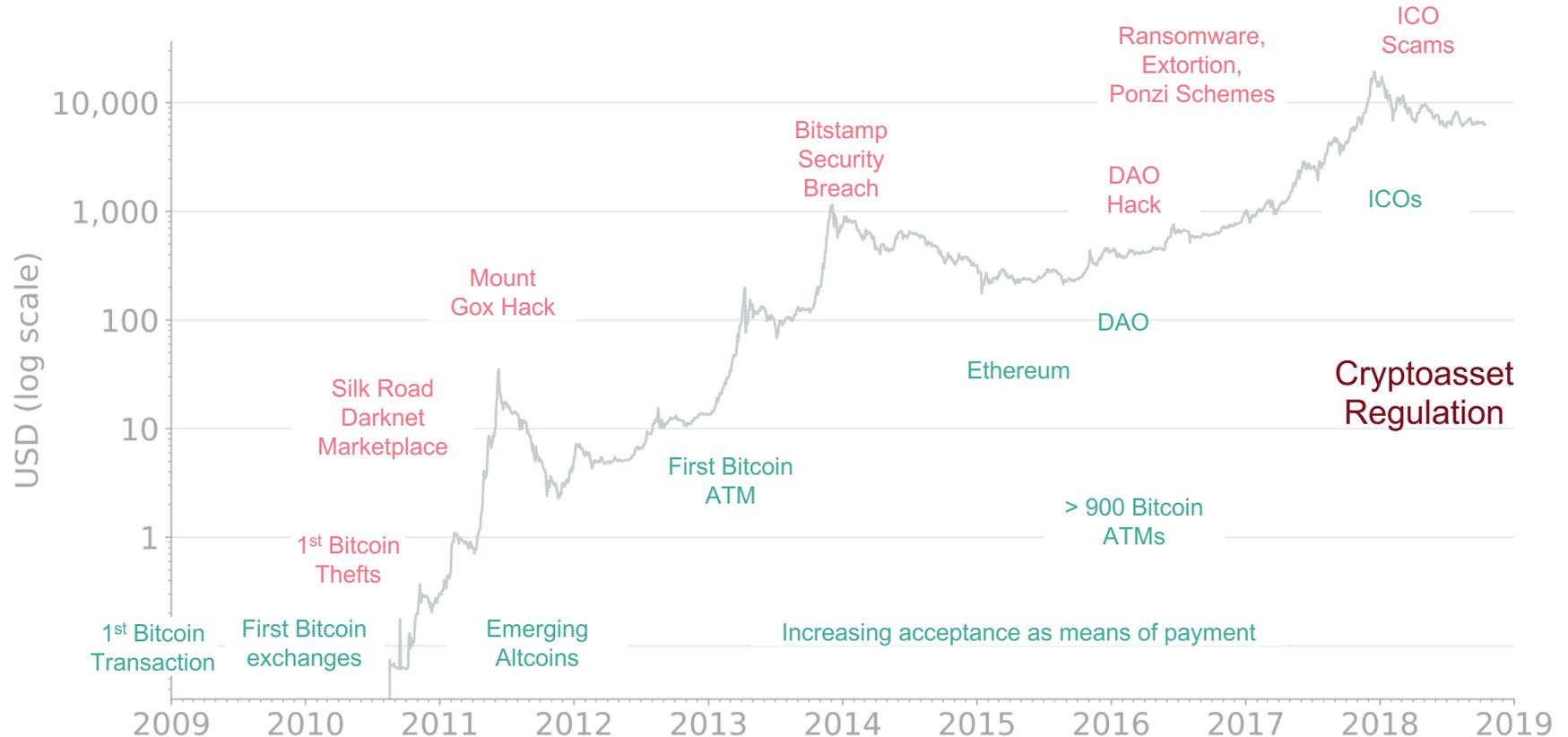


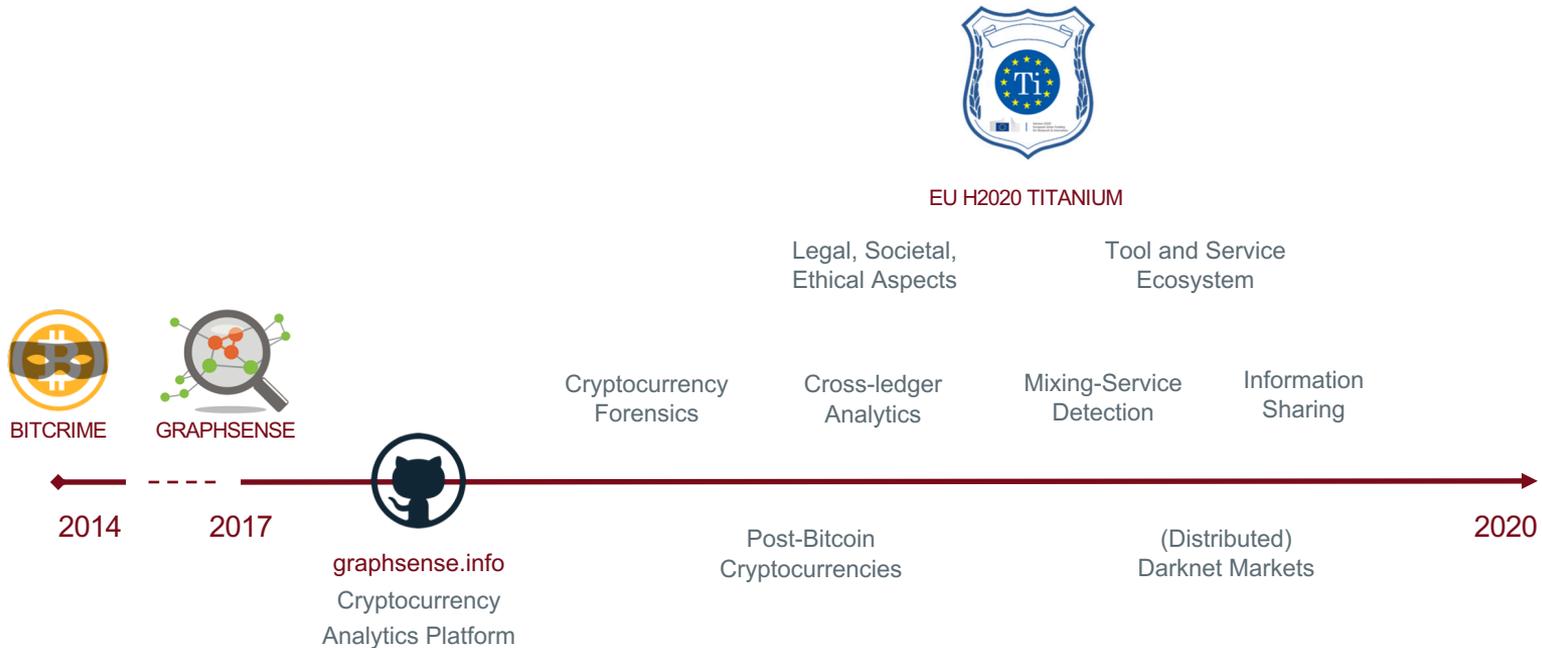


SYMPOSIUM ON POST-BITCOIN CRYPTOCURRENCIES

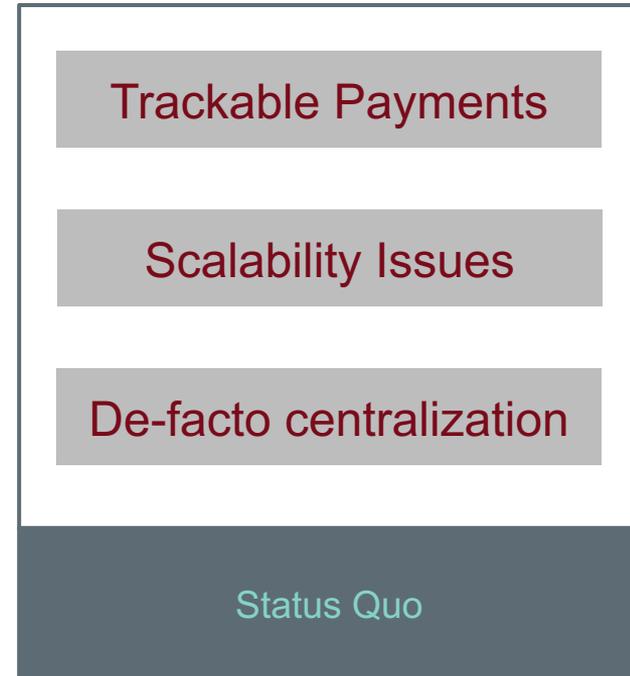
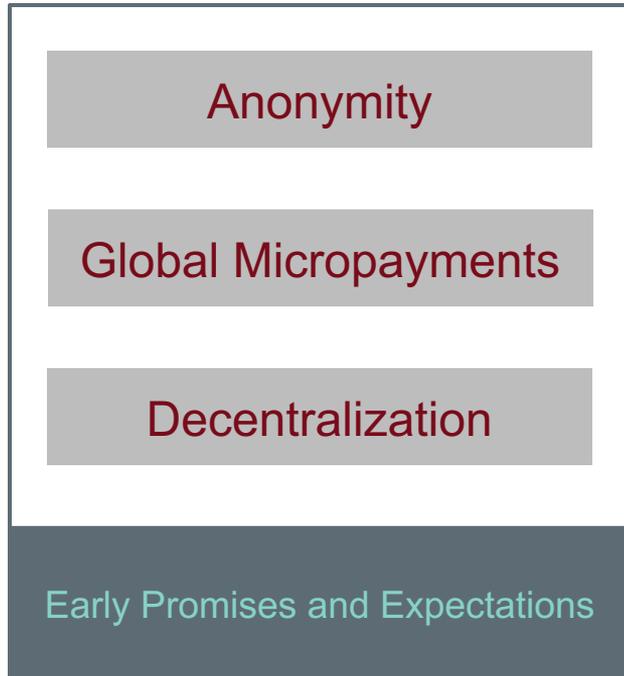
A DECADE OF CRYPTOCURRENCIES



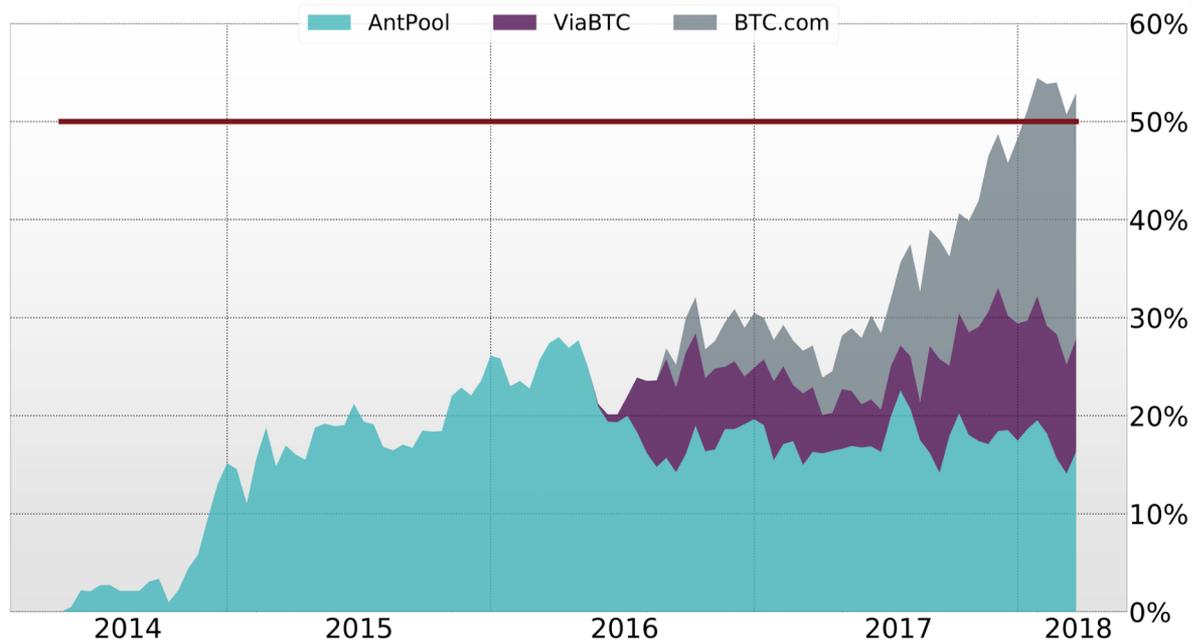
CRYPTOCURRENCY RESEARCH



BITCOIN | OBSERVATIONS

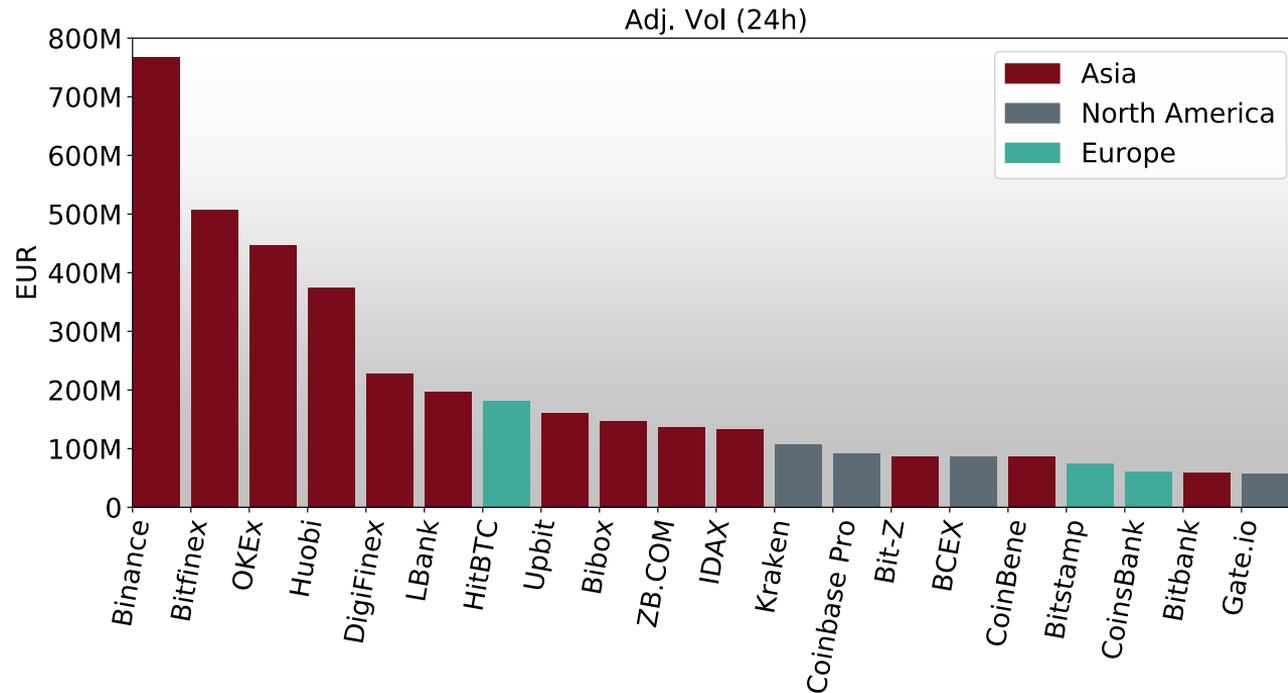


BITCOIN | MINER CENTRALIZATION



Source: forthcoming paper (2018-10-15)

BITCOIN | EXCHANGE CENTRALIZATION



Source: coinmarketcap.com (2018-10-15)

BITCOIN | REASONS FOR OWNERSHIP

Main reason for owning Bitcoin	2016 Overall	2017 Overall
It is an investment	12%	58%
My friends own Bitcoin	-	12%
I am interested in new technologies	29%	8%
I use it to buy goods and services in physical stores	14%	1%
I use it to make remittances or other international payments	11%	0%
Other reasons (see report for further details)	34%	21%

THE POST-BITCOIN ERA



Privacy-Enhanced
Cryptocurrencies



Decentralized
Computing Platforms



Off-Chain Payment
Channels

Emerging Technologies



Innovation

Anti-money
laundering



Technical
and legal security

Effective Law
enforcement

Regulatory Challenges

AGENDA

09:15 - 09:30	Welcome and Introduction Dr. Bernhard Haslhofer AIT Austrian Institute of Technology	12:00 - 13:00	Lunch Break
09:30 - 10:00	The Post-Bitcoin Era: Cryptocurrencies are Here to Stay Prof. Dr. Rainer Böhme University of Innsbruck	13:00 - 13:30	Cryptocurrencies & Counterterrorism: Cooperative Solutions for Law Enforcement Agencies Prof. Dr. Daniel G. Arce University of Texas at Dallas
10:00 - 10:30	De-Anonymization in Bitcoin and Beyond Prof. Sarah Meiklejohn, PhD University College London	13:30 - 14:00	Chances and Risks of Cryptocurrencies' Transparency – A Legal Perspective Dr. Paulina Jo Pesch KIT Karlsruhe
10:30 - 11:00	Coffee Break	14:00 - 14:30	Regulating Real Cryptocurrency Ecosystem Prof. Ross J. Anderson FRS FREng Cambridge University
11:00 - 11:30	Towards Better Privacy with Monero Malte Möser, MSc Princeton University	14:30 - 15:00	Wrap up, Outlook and Closing Dr. Bernhard Haslhofer AIT Austrian Institute of Technology
11:30 - 12:00	Tracking Payment Flows in Ethereum Michael Fröwis, MSc University of Innsbruck	15:00 - 16:00	Coffee / Open Discussions