



openHPI Course: Blockchain – Revealing the Myth

The Bitcoin Hype

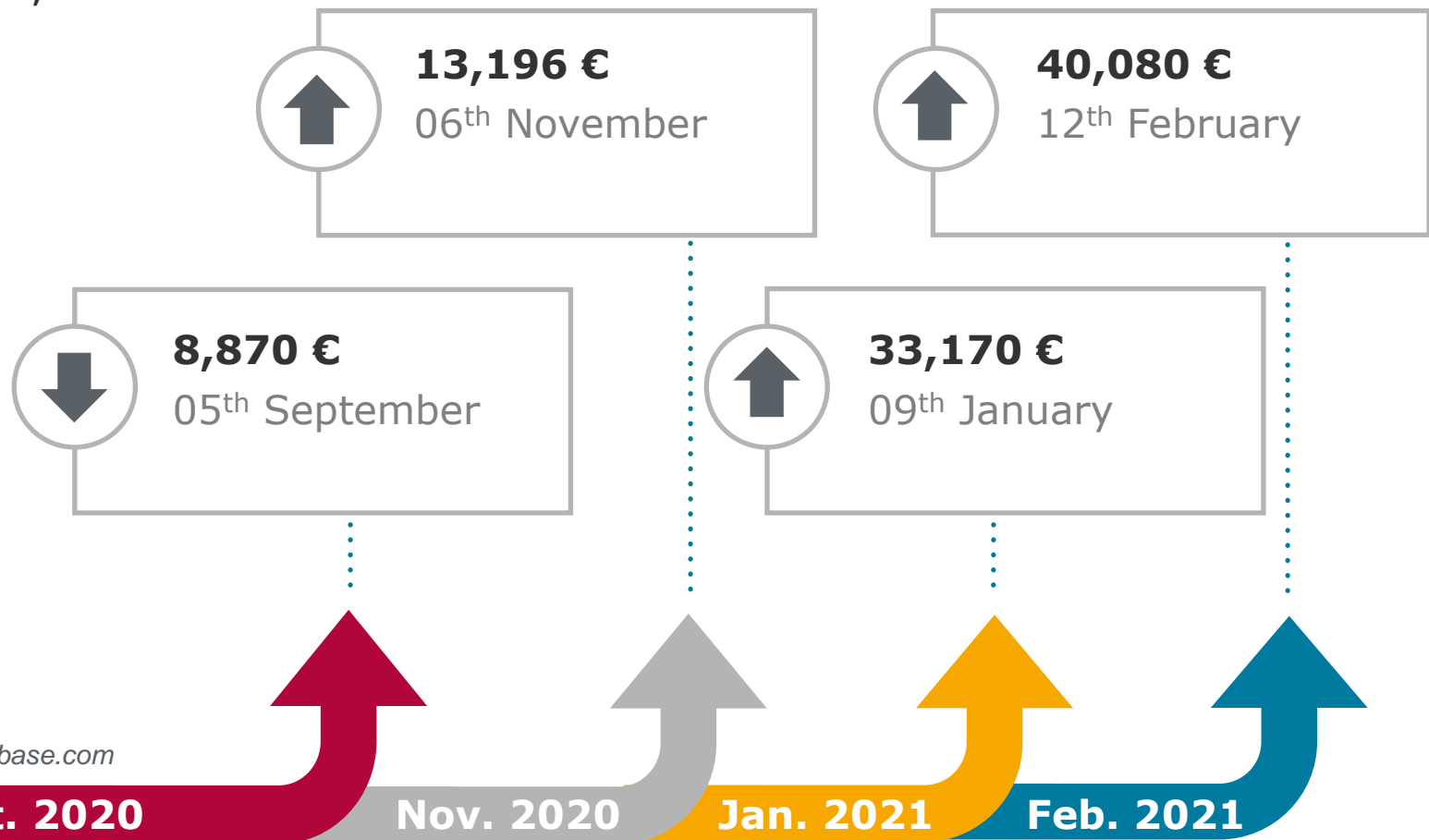
Prof. Dr. Christoph Meinel

Tatiana Gayvoronskaya

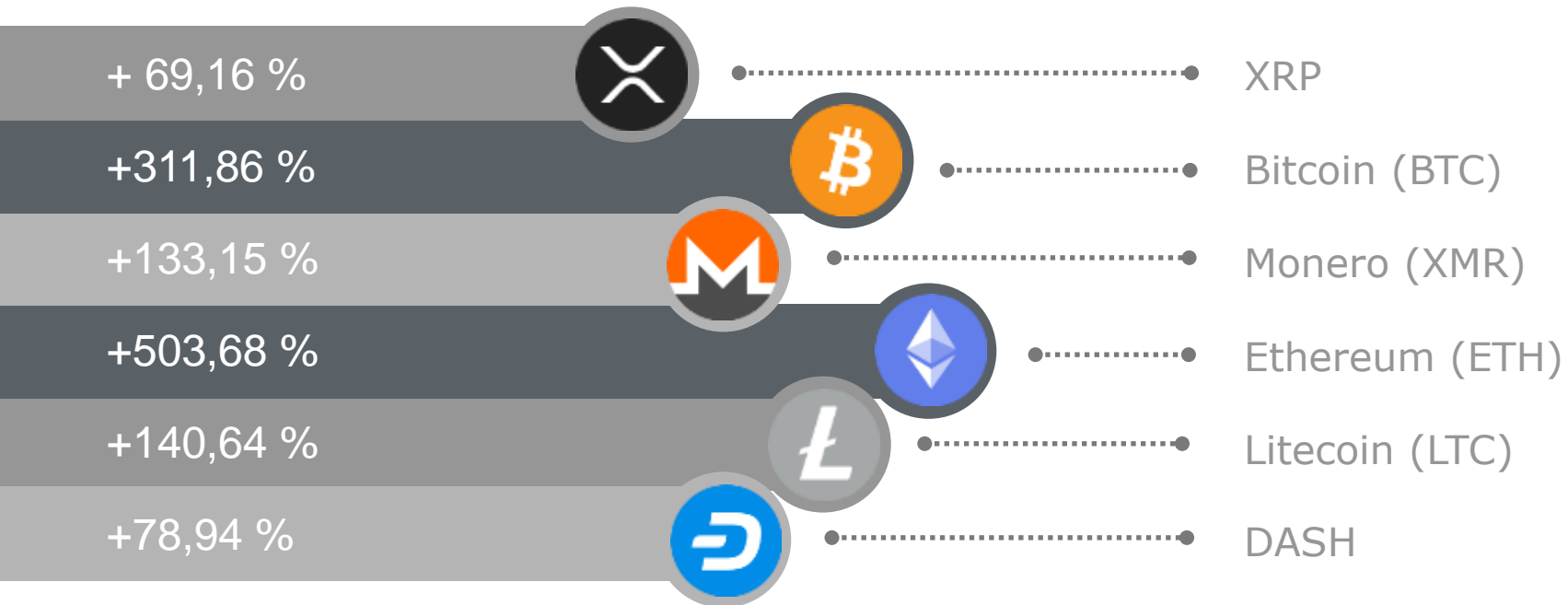
Hasso Plattner Institute
University of Potsdam, Germany

Bitcoin Sets a New All-Time High

Middle of February 2021 Bitcoin has set a new record high of over 40,000 €



Not Only for Bitcoin Prices are Increasing also for Other Cryptocurrencies



(Calculated on the basis of the price on February 2021, source: coinbase.com)

Headlines over Headlines on Bitcoin and Blockchain

The Motley Fool

Why your 2021 resolution should
be to buy more Blockchain stocks

Author: James Brumley, Jan 5, 2021

Neue Zürcher Zeitung

A surprisingly high proportion of
all Bitcoin transactions are the
result of illegal deals ...

Author: Lorenz Honegger, Dec 4, 2020

The Washington Post

Massive blackouts have hit Iran.
The government is blaming
Bitcoin mining

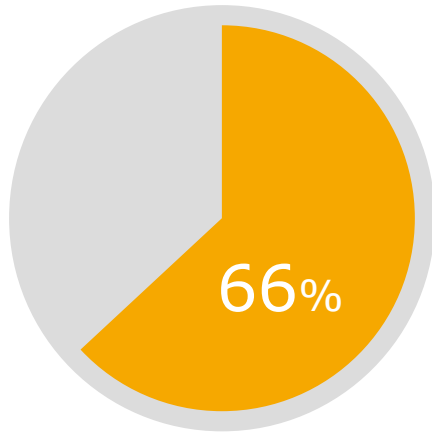
Author: Miriam Berger, Jan 17, 2021



But there is also Skepticism Against Bitcoin

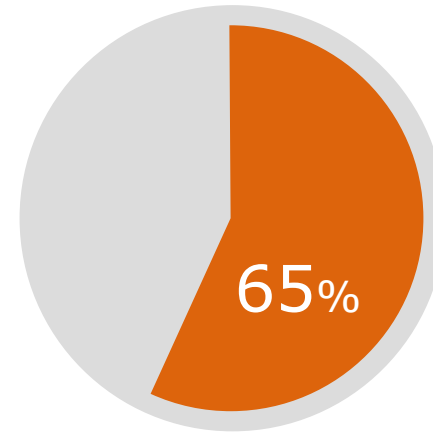
Negative Voices

According to Bitkom research, the majority of German citizens are still skeptical about Bitcoin and other cryptocurrencies.



Complicated

Two-thirds of German citizens think Bitcoin and other cryptocurrencies are too complicated

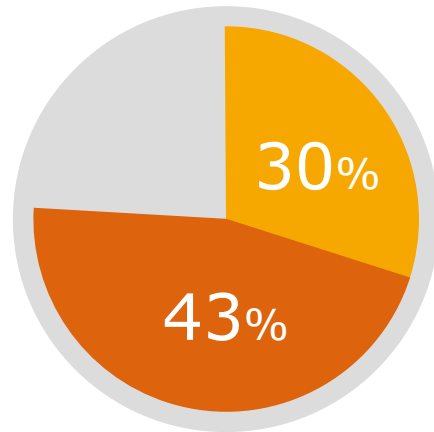


For speculators

Almost as many believe crypto-currencies are only suitable for speculators looking to make a quick profit

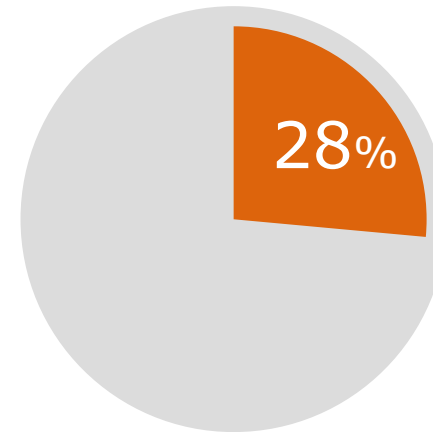
But There is also Skepticism Against Bitcoin

Positive Voices



Safe alternative

3 out of 10 say that cryptocurrencies are a safe alternative to the established monetary system. Among the younger people between 16 and 29, it is even 43 percent⁹

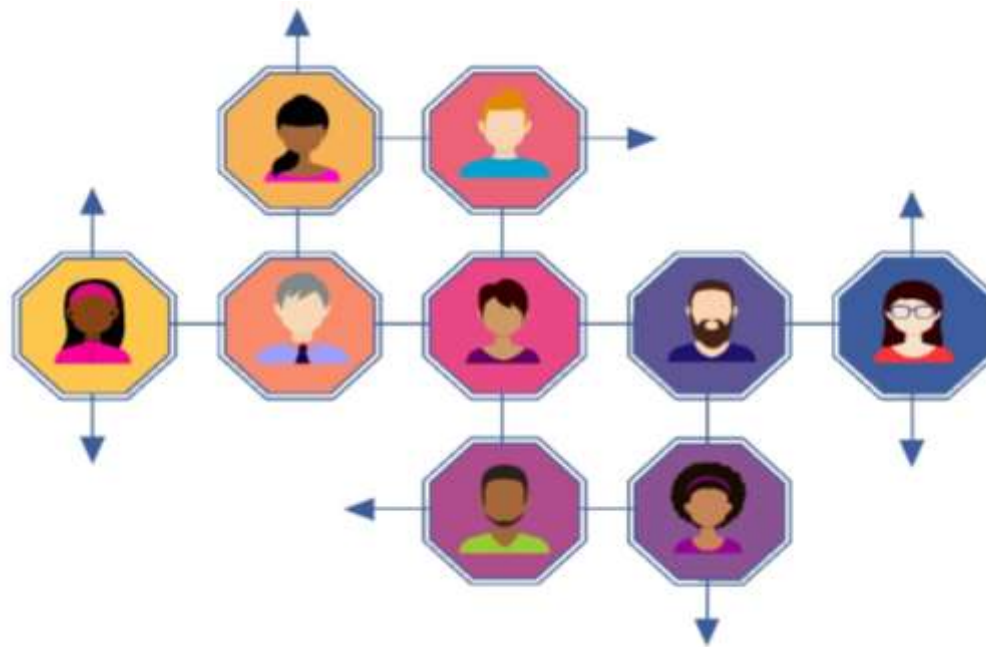


Long-term investment

Around one out of four respondents think that cryptocurrencies are suitable as a long-term investment

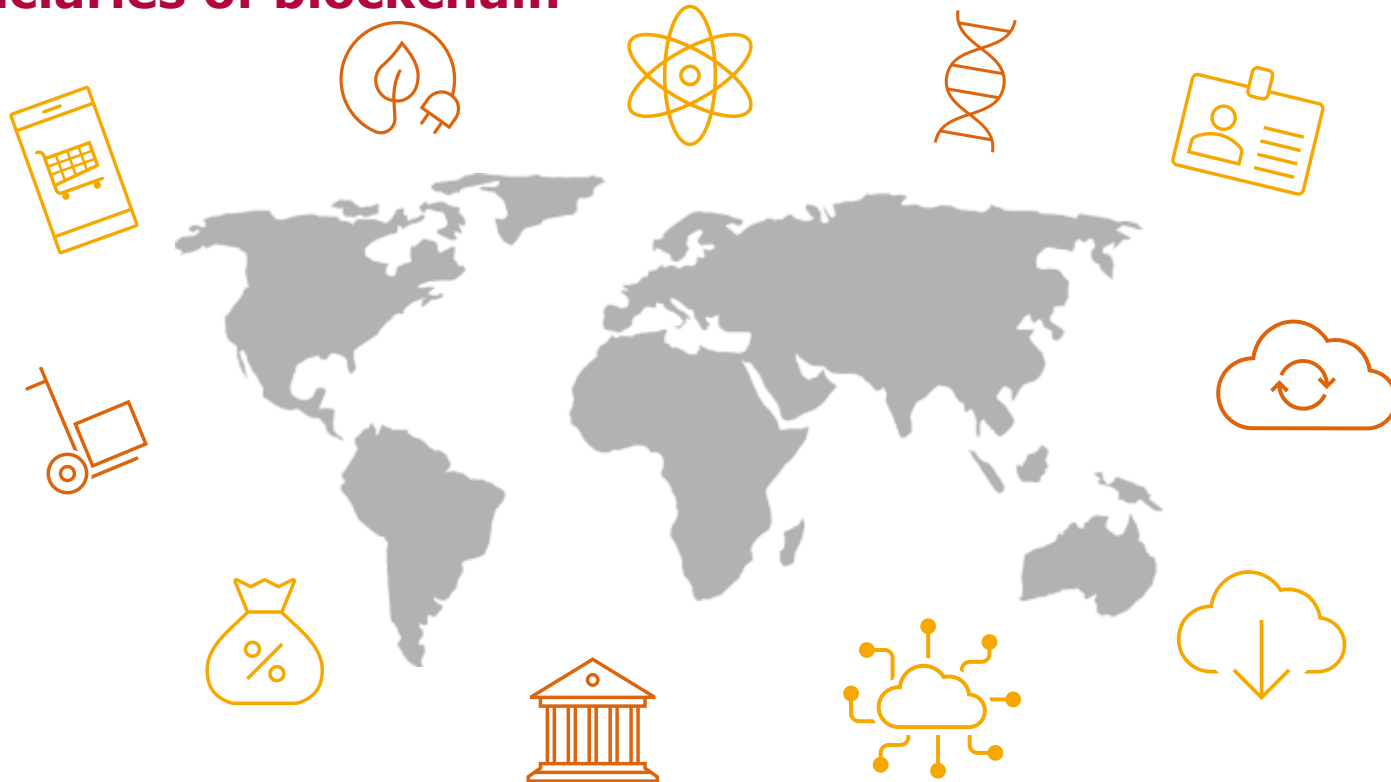
Numerous Projects and Intensive Research

- Through numerous projects and intensive research, blockchain technology has undergone **rapid development**
 - from the original application as a **cryptocurrency**, or a **decentralized register** to a
 - **programmable decentralized trust infrastructure**



Beneficiaries of Blockchain

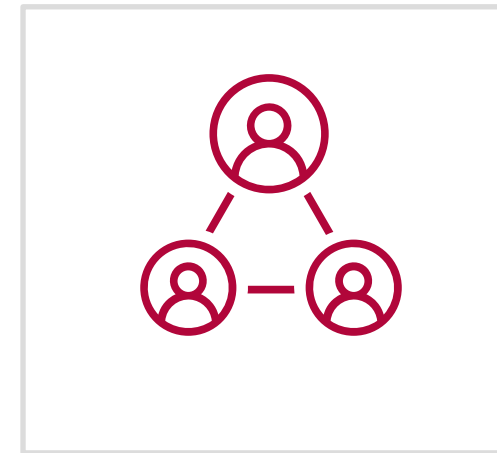
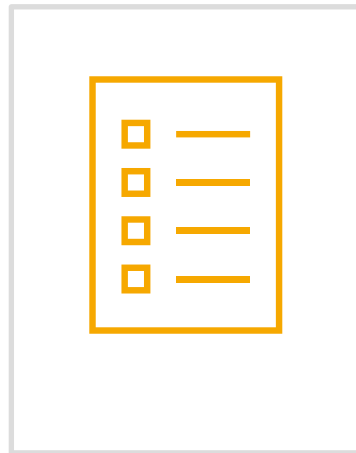
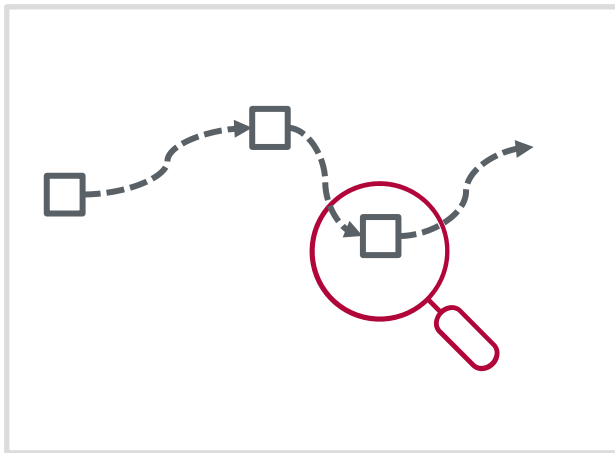
Science, medicine, identity management, cloud computing, cloud storage, the Internet of Things, finance, insurance, logistics, retail, energy supply – these and other sectors are the **beneficiaries of blockchain**



Blockchain Technology: Use Cases

The most widespread **use cases** today are:

- ❑ Tracking ownership of a **digital token** – currency, art objects, real estate, stocks, etc.
- ❑ Automated contracts
- ❑ Identity and reputation systems



Summary

- Thank you for **signing up for our openHPI course** and follow us through the ideas and technology of **blockchain technology** to leave the hype behind
- In the next videos we start to **explore the problem** that led to the development of **Bitcoin**, the **cornerstone of blockchain technology**

