CARDANO FOUNDATION

Munich Meetup June 2018

CARDANO is a decentralised public blockchain and cryptocurrency project and is fully open source.

Cardano was created with a simple but powerful idea in mind; to level the playing field for global commerce and governance by delivering a strong resilient backbone of blockchain technology infrastructure, fully accessible to all without prejudice.

Founded on the principle of autonomy, Cardano seeks to kickstart a peer to peer economic revolution; a world where the power shifts to the individual, empowering them with the choice to trade with who they want, when they want, how they want.

This is a revolution to enable free and fair trade, provide governments with tools to become more transparent and capable, and provide entrepreneurs and existing businesses a flexible solution to innovate and develop for a better future.

Blockchain

- A blockchain is a continuously growing list of records, called blocks, which are linked and secured using cryptography.

- Each block typically contains a cryptographic hash of the previous block, a timestamp, and transaction data. By design, a blockchain is resistant to modification of the data. It is "an open, distributed ledger that can record transactions between two parties efficiently and in a verifiable and permanent way".

- For use as a distributed ledger, a blockchain is typically managed by a peer-to-peer network collectively adhering to a protocol for inter-node communication and validating new blocks. Once recorded, the data in any given block cannot be altered retroactively without alteration of all subsequent blocks, which requires consensus of the network majority.

Competitive advantage

- **Built with high assurance code:** Haskell is a functional programming language used when exact outcomes must be achieved. For example in military and space applications.

- **Peer reviewed academic research:** Cardano is built using peer reviewed academic research which ensures that the platform is robust enough to operate at scale, is sustainable and interoperable with other blockchains or systems.

- **Led by industry professionals:** Charles Hoskinson, ex Ethereum CEO leads the development team and has years of experience in the cryptography and blockchain industry.

Protecting and enhancing the Cardano platform.

Based in Switzerland, the Cardano Foundation provides authoritative information about the platform and forms strategic partnerships with enterprises and other open source projects.

Key areas

- Growing and supporting an inclusive global community

- Educate governments, enterprises and individuals on blockchain technology

- Promote accountability and transparency within the project

- Shaping legislation and standards for worldwide adoption

- Encouraging enterprise partnerships and commercial applications for good

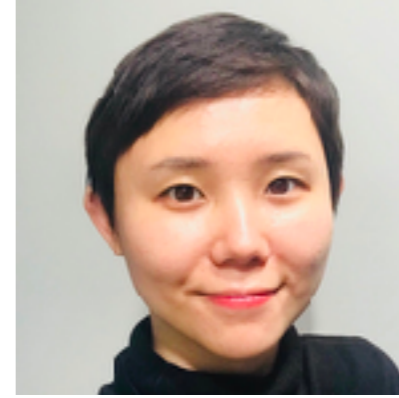**Tom**   **Maki**   **Lei**   **Jocellin**   **Yeji**   **Jon**

Community

Our focus

- Supporting and growing the community

- Growing meetups in every possible country

- Managing information

- Education

- Contributing to social media

- Fostering an amazing forum community

- Providing relevant and useful information

IOHK is a world class blockchain engineering company responsible for building the Cardano blockchain.
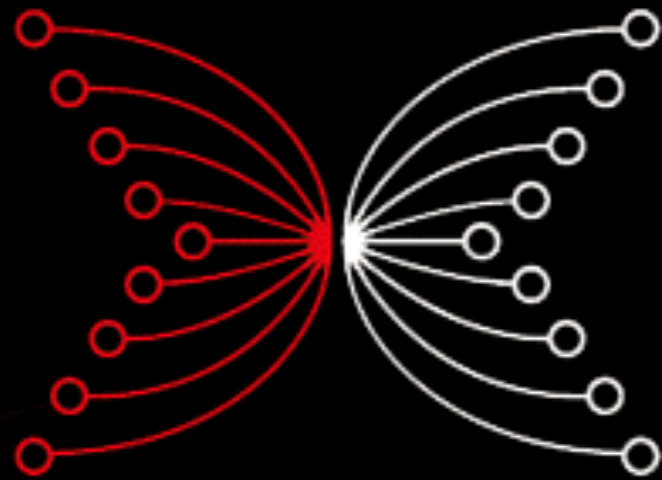
EMURGO is responsible for fostering commercial applications being built upon the Cardano ecosystem.

EMURGO

Timeline

- 2015 token sale

- 2017 settlement layer launch

- 2018 computation layer launch

Use cases

- Traxia (Emurgo)

- Land ownership in Africa (IOHK)

- Agriculture industry - coffee (IOHK)

Your community

- Cardano Munich - what next ?