Ethereum
(and Blockchain)

Distributed computing
- Economics and blockchain

Meet Ethereum!
- Smart Contracts (if this...then that)
- Decentralized applications of all flavors
- Programmable beyond “Layer 1”

Bootstrapping the project
- Ethereum Foundation comes to life
Ethereum Foundation
(then and now)

From a development hub …
• Supporting research & development + community growth & education

… Into an ecosystem support mechanism
• Doing what is best for Ethereum’s long-term success
• ... and what only we can
  ○ resources to critical projects
  ○ a valued voice within the Ethereum ecosystem
  ○ advocate for Ethereum to the outside world
Use case 1: Transparent Accounting
UNICEF CryptoFund

First in the UN
• CryptoFund is the first UN vehicle to hold and make transactions in digital assets.
• It invests in and supports startups developing public digital goods

Why blockchain?
• Transparent & accountable
• Cheaper & faster
• Access to global markets
Blockchain for the public sector

- Digital certification solutions using blockchain
- University diplomas, liquor licenses, construction permits, energy pricing, inspector IDs...
- Ethereum wallet as a holder for all government-issued documents in the future

Why blockchain?

- Corruption & lack of trust
- Immutable & tamper-proof

Use case 2: Trust in governments
OS City
Decentralized insurance

• Etherisc develops decentralized insurance protocols
• Weather-index crop (micro)insurance for smallholder farmers in Kenya with a local partner
• In sub-Saharan Africa, only 3% of smallholder farmers have access to agricultural insurance

Why blockchain?

• Automation - faster payout & reduced transaction cost
• Viability for BoP business
At the Ethereum Foundation...

**Ecosystem Support Program**
- Grants and a variety of non-financial support
- Large focus on Ethereum’s base layer, including research impacting scalability (“Eth2” and “Layer 2” solutions), and security.
- Projects related to universal tools, infrastructure, research, public goods for Ethereum and more (see: esp.ethereum.foundation).

**Local Grants Program**
- Aimed at promoting the growth of the Ethereum community in a specific locality.

**Fellowship Program**
- Identifying changemakers in developing countries to experiment with Ethereum
- Application is open (more at fellowship.ethereum.foundation)