

# MinusMinusEnergy

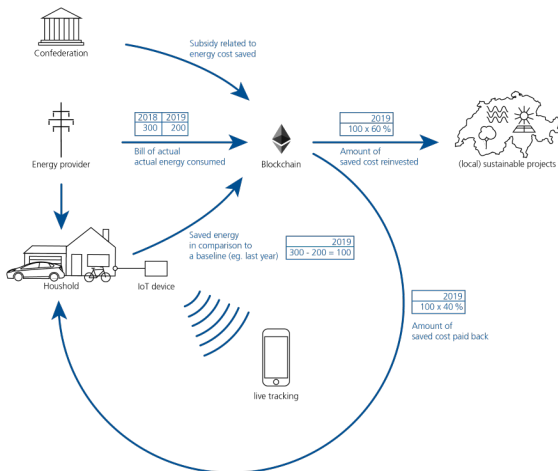
## Energy Switzerland Challenge

M. Busenhardt   M. Winkler   M-L. Achart  
P. Wiese   Y. Niedermayr

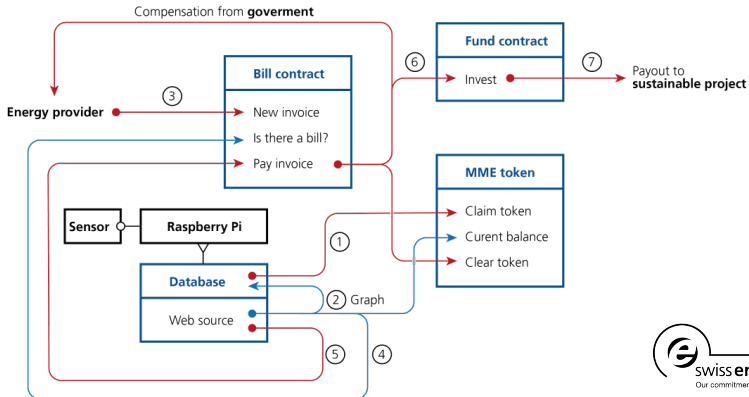
BETH - Blockchain for Sustainability, 2019



# Concept



# Current Implementation



# Disruptive Potential and Further Development

- Simplified/automated billing thanks to smart contracts.
- Data standardisation with smart metering.
- Secured data transmission and storage on the Blockchain.
- IoT devices to monitor energy consumption.
- Reward system fully involving the consumer.
- Relevant visualization and live tracking as incentive.
- Consumer gains power and controls the amount and destination of reinvested saved cost.
- New paradigm: when the consumer saves energy, he does not only pay less, he also earns more.
- Could be a first step toward decentralized energy grid.

# Demo

content: insert gif