



TRUEKEN provides automated peer to peer energy management systems with hardware and distributed ledger technology.

CONTEXT

In the efforts to expand the use of renewable energy technologies, a non traditional scheme has been implemented in which landlords can provide off grid solar energy to his tenants. Countries like Germany incentivize the utilization of this model (Mieterstrommodell) through premiums to the different actors involved.

PROBLEM

Since the Mieterstrommodell was implemented, only few landlords have adopted it. This is because the initial investment for the equipment is too high and the managing, metering, billing and distribution still not profitable enough.

TARGET MARKET

1. Landlords.
2. Real estate companies.
3. Housing cooperatives.
4. People who want to generate their own electricity and sell it.

STATUS

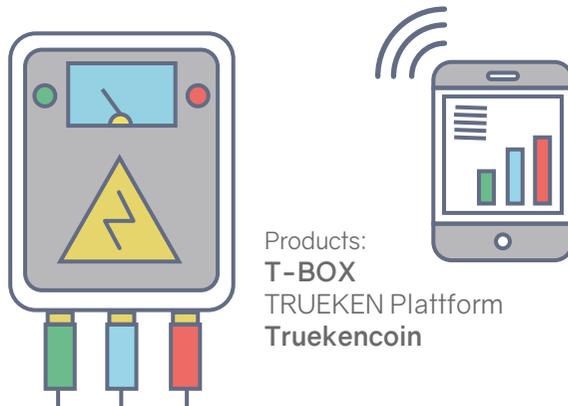
- Prototype under development
- Mark registration
- Platform under construction

OPPORTUNITY

Landlord to tenant model is a way to bring renewable technologies into the masses. Just in Germany the potential is huge, estimates suggest that up to 3.8 million homes could be supplied with electricity from rooftop installations. Among other benefits, the state pays a premium for the electricity supplied to the tenants. Blockchain technology and smart contracts solve the billing and payment issues with a secure and reliable digital ledger.

BUSINESS MODEL

Trueken works with a fee for service model. We'll charge a percentage on each value transaction made through our blockchain by using smart contracts. With our open source patent hardware, Truekencoin will be mined and used for the payments. To be recognized in our platform as an official miner, people must validate their identity by a Know your Customer process, generating a digital identity. Trueken will keep 35% of the total tokens supply. Each project will be funded by the Trueken's community through mini Initial Coin Offerings (ICO). As a prime, participants get a convenient Return on investment (ROI) with the smart contract energy payment scheme.



Products:
T-BOX
TRUEKEN Platform
Truekencoin

WHY INVEST?

- Is a scalable business opportunity
- We are developing state of the art hardware and software IP.
- We are a qualified multidisciplinary workteam based in Berlin.
- We offer a blockchain solution.
- The market share is big and it is growing, as well as the benefit for the environment.

PROSPECTIVE CUSTOMERS:

Market in Germany: 3.8 million homes
Europe: 25 million homes in the next 5 years

FUNDING

3,137,000€
Staff: 1,960,000€
Marketing: 150,000€
Operations: 1027,000€

Intellectual Property: Patents in process

TEAM:

Miguel Gelly - Co-founder-CEO
Daniel Venegas - Co-founder-CEO
Patricio Venegas - Co-founder
Ahmad Taleb - Hardware developer
Tatiana Michan - Legal and public affairs
Aidar Shaifutdinov - Blockchain developer
Neil Alishev - Blockchain developer

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TAGS:

p2p solar energy trading/Mieterstrom
blockchain technology