Energy Islands

Renewable Energy for Everyone

Problem statement

Team Energy Islands:

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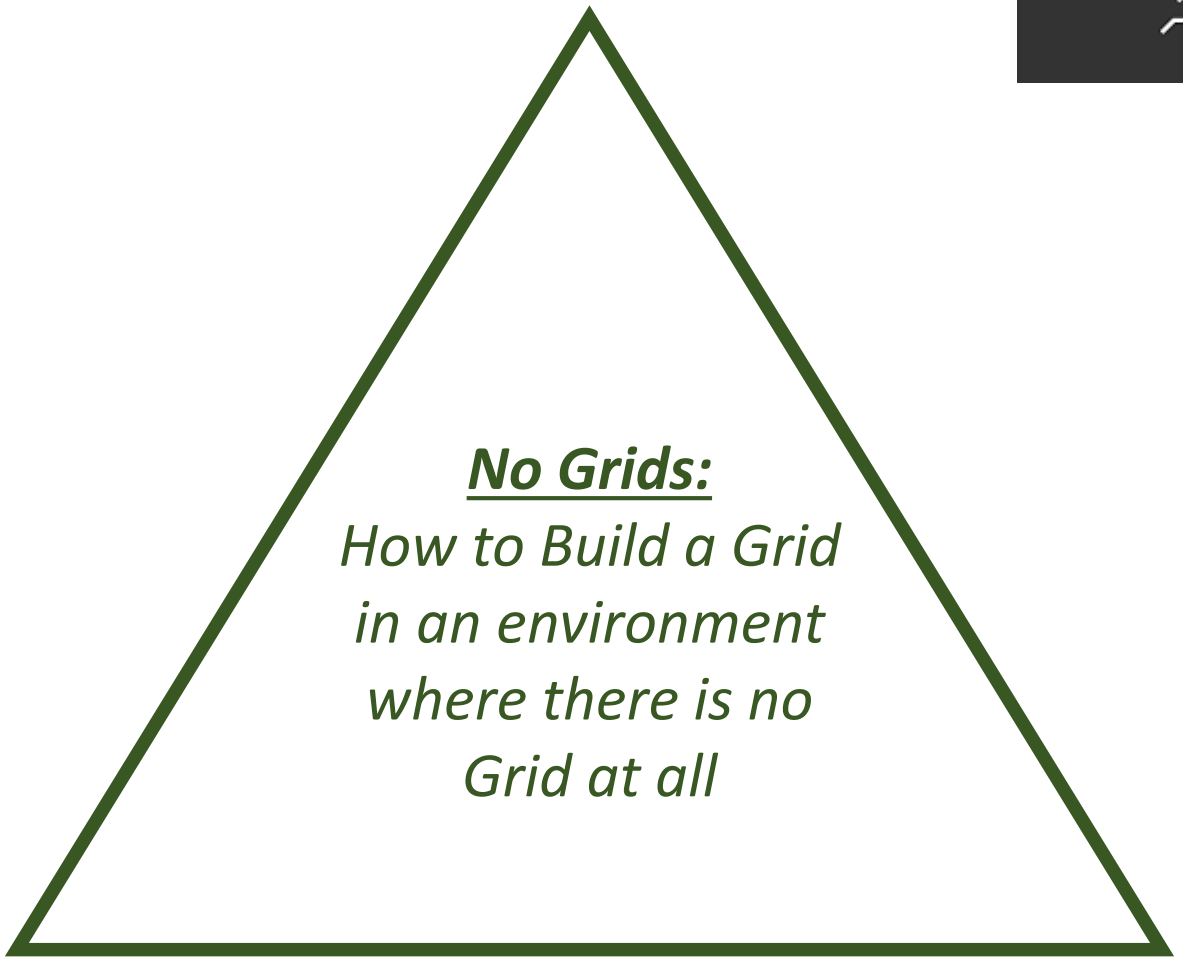
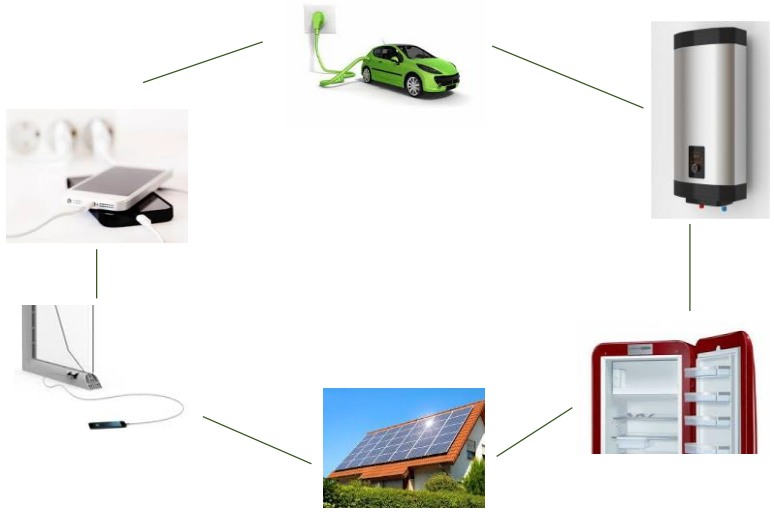


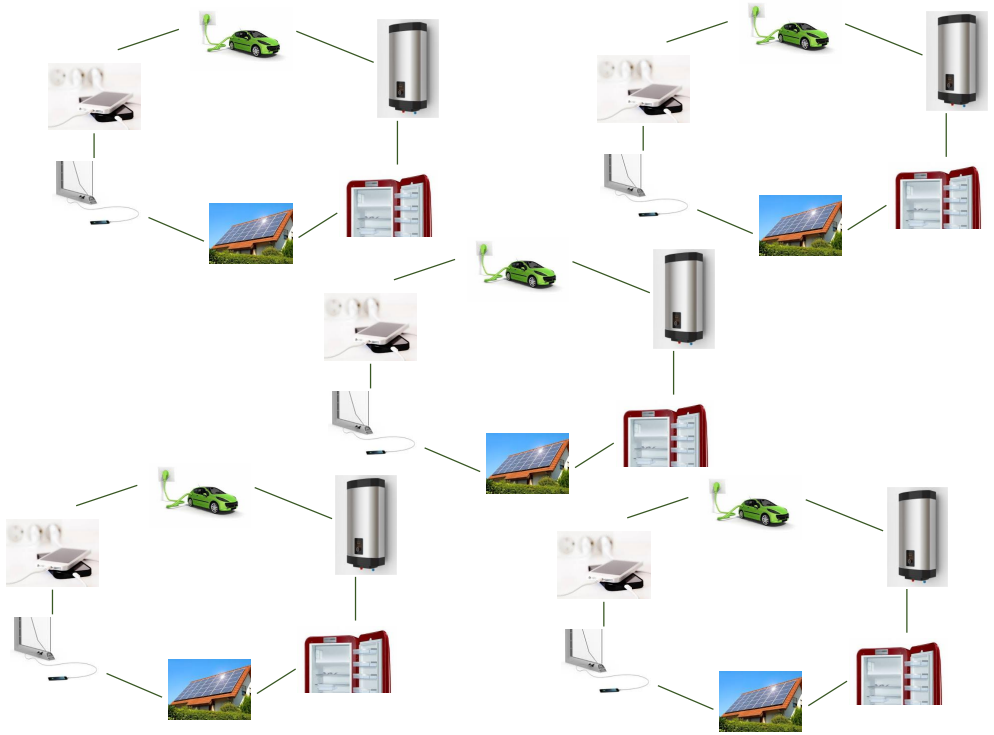
Energy Island



TRADING LEVEL:

- ❑ Energy trading **between devices**
- ❑ Solution for areas where there is **no grid at all**
- ❑ Not most efficient set up from energy pov

Resilient Grid



TRADING LEVEL

- ❑ Energy trading between **Energy Islands**
- ❑ Solution for areas **with or without a public grid**
- ❑ More efficient level from energy pov

Opportunities

Business

- Opportunity to develop business for the ‘Plugin’ and (smart) battery readers

Consumer

- Quick set up of energy supply,
- Revenue opportunities using unused storage and unused space (see also other energy teams)

Governance

- Opportunity to redesign energy regulations

How does it work

Plug In Device

Rapsberry Pi

kwh

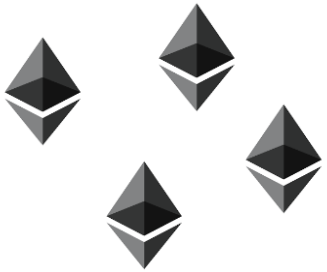
kwh

kwh

Deal

ethereum

Ethereum network



Predictive Model

Devices with Battery

Energy Measurements

Matching Logic

Register Deals & Payments

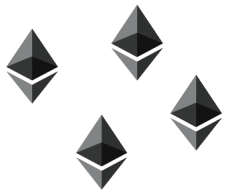
Consumer View

Raspbery Pi

Deal

Ethereum network

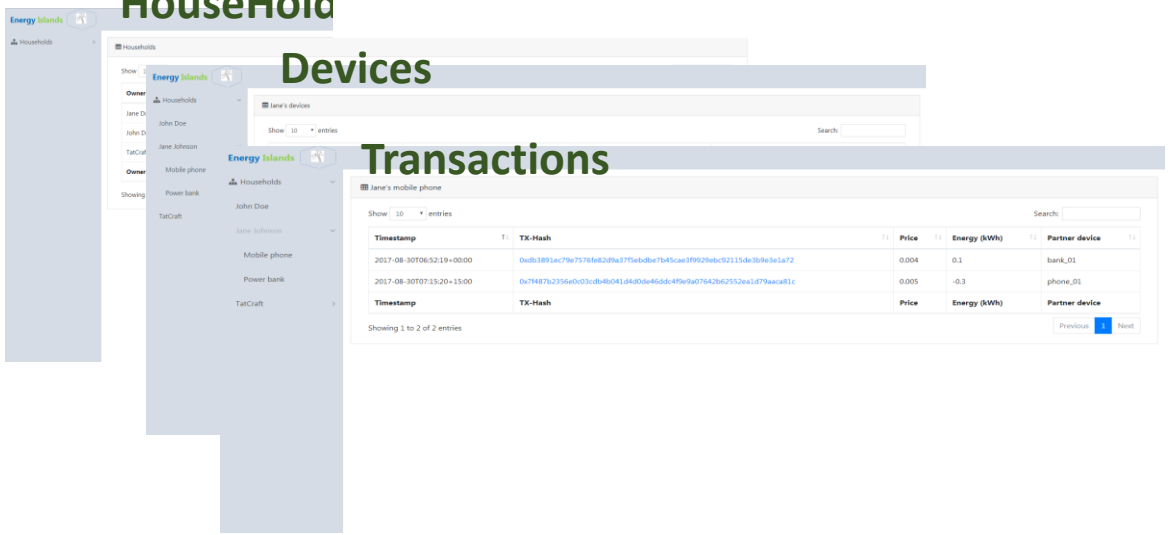
ethereum



HouseHold

Devices

Transactions



Predictive Model

Devices with Battery

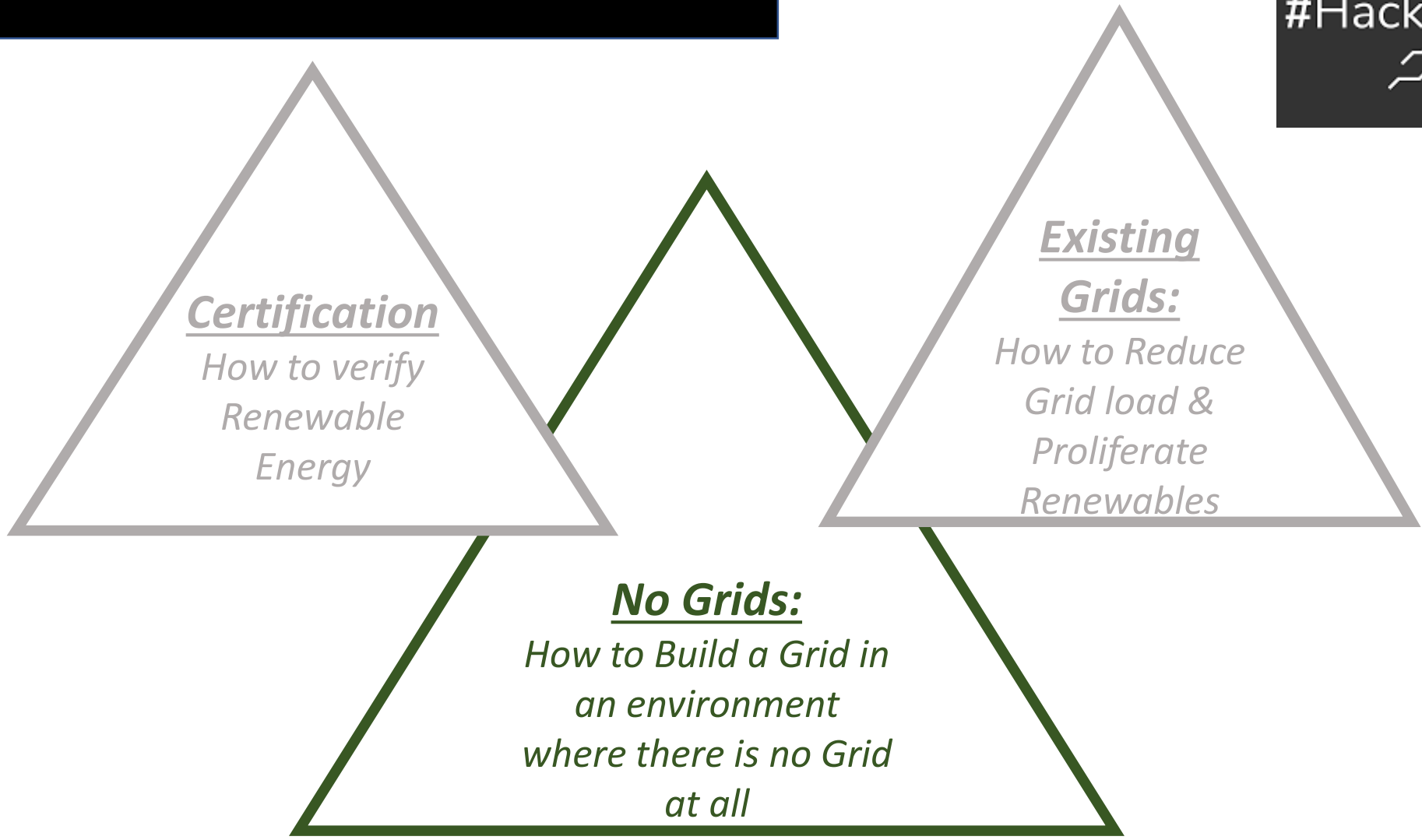
Energy Measurements

Matching Logic

Register Deals & Payments

Consumer Interface

Enhancements – connecting to other projects



Demo