Climate Ledger Initiative use case - COOKING AS A BUSINESS
CARBON MARKET CHALLENGES

**Impact buyer:** based in developed nations, invest in impacts that can be verified and traced remotely with high level of transparency and accountability.

**Project developer:** time and costs involved in household level monitoring, manual data collection, drafting reports, verification and certification.

**Impact generator:** women lack of access to finance to switch to cleaner cooking solutions.
Impact buyer: transparency, traceability, ERPA accountability

Project developer: reduced costs of MRV, data accuracy

Impact generator: women will have direct access to finance, economic independence, continued use of cleaner cooking solutions

Reduced Intermediaries costs

Eliminate time gap in transactions
CURRENT USE CASE: COOKING AS A BUSINESS

**FEATURES**
- IOT based real time tracking of individual household daily cooking events
- Cooking time stored in Immutable Blockchain Ledger
- Carbon Credits computed using GOLD STANDARD Methodology
- Household Carbon Inventory backed by Project-wise Dashboards
- All sales backed by Digitally Signed Carbon Certificates
- QR codes embedded in digital certificates to allow Carbon source tracking by household
REFLECTIONS

• Currently cookstove data are downloaded daily or once in two days to ensure that the data flows and stove usage are clear. In future, all process should be digital to eliminate user inconvenience and also physical visits.

• The costs of remote monitoring needs to go down for scaling up the technology.

• Cookstove users must adequately understand the project purpose and be actively engaged throughout.