

The problem



No Light



Transmission loss/Grid Reliability



Transaction Data/Security/Privacy



Theft/Malpractices



DERs' Integration/Cost

The Solution: Bovlabs Marketplace

ENABLES:

- Real time marketplace to trade energy and Distributed Energy Resources (DERs) peer to peer
- Local revenue to generate clean energy where it is needed

RESOLVES:



No Light



DER's Integration/Cost



Transmission loss/Grid Reliability

The Solution: Boylabs Platform

ENABLES:

- Real time visualisations of energy usage and transactions
- Evolve strategies for demand response, energy efficiency and reliability using AI/ML
- Consensus mechanism to negate malpractices

RESOLVES:





Transmission loss/Grid Reliability Theft/Malpractices

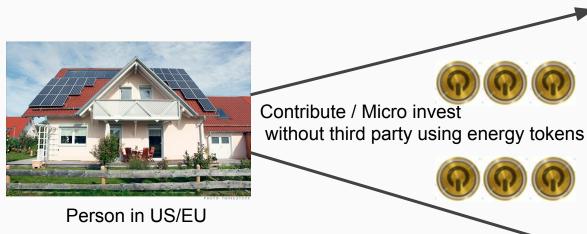


Transaction Data/Security/Privacy

Charity through energy sharing



Eco-system for energy share





Village in India



Village in Africa

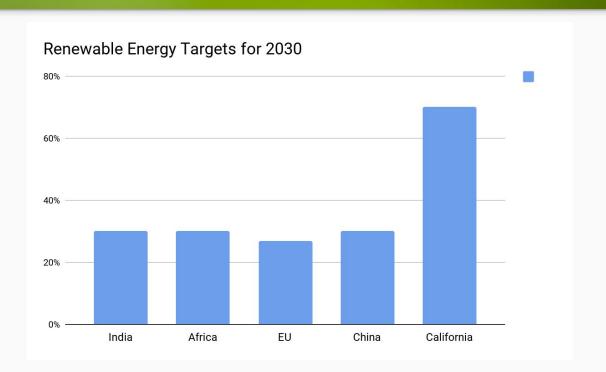


Milestones



*Note: NDA signed with Microgrid Developer

Market Size



Market Size

DERs

- Cumulative \$1.9 trillion over 10 years
 - Estimated 100 million EVs by 2030
 - Energy storage growth to \$3.6 billion by 2025
 - Demand Response growth CAGR of 16% by 2021

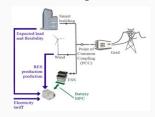
Microgrids

Microgrid capacity is expected to reach 7.6 GW by 2024

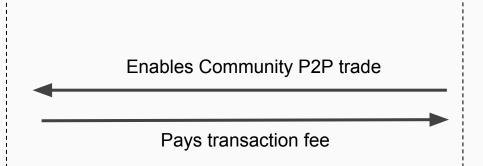
Community Energy Revenue Model

Community Energy Ecosystem

Microgrids







Boylabs Blockchain



Revenue Model - Rural India



Household

Annual Savings: Boylabs Revenue: \$50 \$0.5



Village \$15k

\$53

Four Village Pilot

\$62k

\$200



India (640k villages)

\$10 B

\$34 M

1% of Market

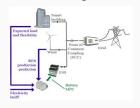
\$100 M \$340 k

Annual Savings:
Bovlabs Revenue:

Partnership Ecosystem Revenue Model

Community Energy Ecosystem

Microgrids





Provides Safe and Reliable Energy

Generates and
Consumes
Energy;
Originates
Payment
Transactions

Partnership Ecosystem

- Energy Markets and Participants
- Microgrid Developers
- DER Developers

Pays annual licensing and transaction fees

Creates

Real-Time

Marketplace

Bovlabs Blockchain



Financial Plan

Self funded \$50K for PoC/pilot in Texas

Seed round of \$200-250K for pilot expansion to Andhra Pradesh in India, California, Africa

Series A in 2018

Risks and Mitigations

RISKS

Regulations

Utility Relationships

Investment and support

MITIGATIONS

Local partnerships with DER / Microgrid developers and wholesale markets

System and Technology agnostic solution

Cost efficient solution

Revenue incentive for DER systems investment and support



