



THE FUTURE OF ENERGY BEGINS WITH BANGLADESH

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“Providing vulnerable communities access to awesome energy services.”



Who are we?

SOLshare has created the world's **first peer-to-peer energy exchange network**. We provide **ICT-based services** to severely underserved populations, creating **synergies** between **energy and transport** to provide clean, affordable access to **electricity** and **micro-mobility** services

Bangladesh

a land of opportunities as boundless as its rivers



- “One of frontier 5 economies” - JP Morgan.
- Biggest mobile money market in the world.
- World’s largest solar home system installation with 6M installed.
- Population of 165M. One of world’s highest!
- 1.75M electric three-wheelers
- Asian Tiger: **6.5% GDP growth** (2010-2019 average)

The Problem



Clean Energy

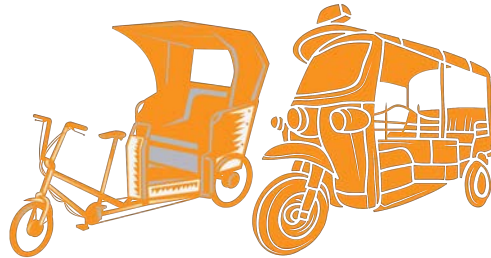
- **60M** people have unreliable access to electricity
- Losing **600,000 kWh** of **excess energy** per day based on 6M solar home systems
- No smart integration with the national grid which is **97% fossil fuel powered**

Micro-mobility

- **Hazardous**, uncoordinated charging infrastructure for **1.75M** E3W
- **Outdated, expensive lead acid battery** – 9 month lifetime, 355% interest on battery loans
- charging **ONLY** available after dark; **inefficient, expensive and slow**

The SOLbazaar™

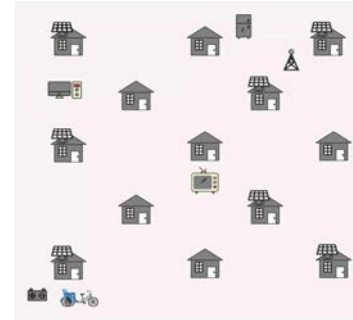
the marketplace for future-proof
energy infrastructures



Micro-mobility

Electric 3-wheeler charging

- PAYG lithium-ion battery leasing model
- Smart metered pit-stop charging stations allows rickshaw pullers to fast charge during the day.
- Risk reduction through IoT intelligence on the assets



Sustainable Energy Access

SOLgrids - solar P2P microgrids

- Interconnects households and micro businesses
- Uses SOLbox : point of interconnection within the peer-to-peer network
- Allows users to sell excess electricity and earn income directly from the sun

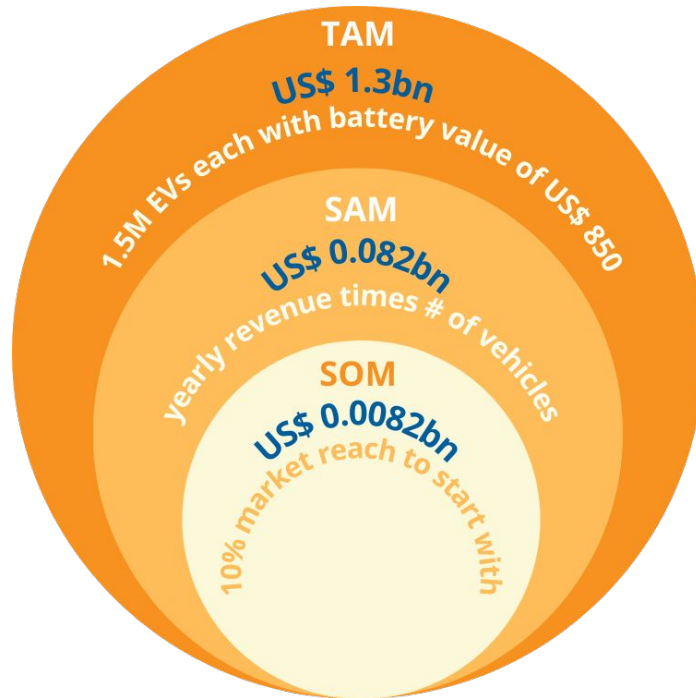
Total Addressable Market

US\$ 3.84bn (2021) | US \$ 7.89bn (2025)



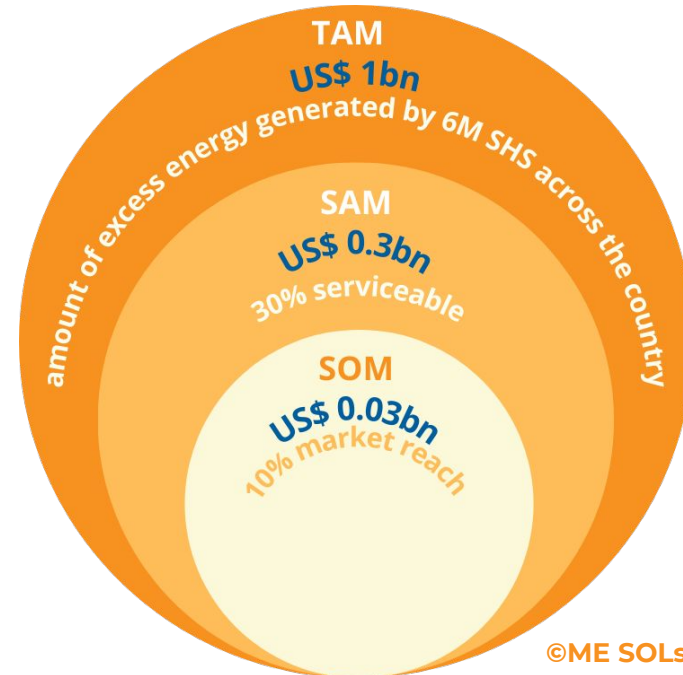
Micro-mobility

Electric 3-wheeler charging

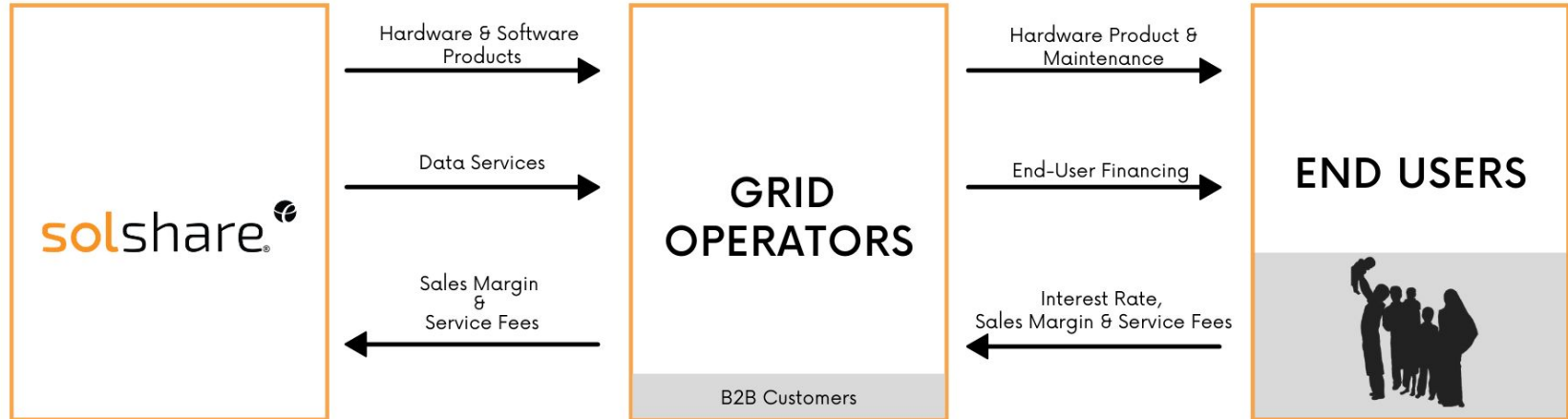


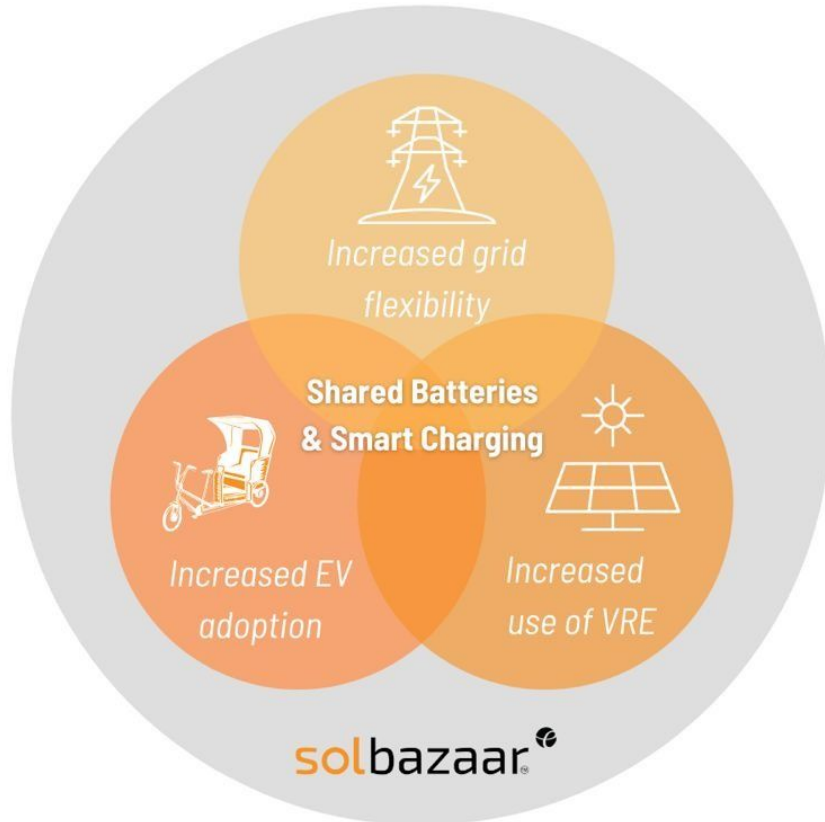
Sustainable Energy Access

SOLgrids - solar P2P microgrids



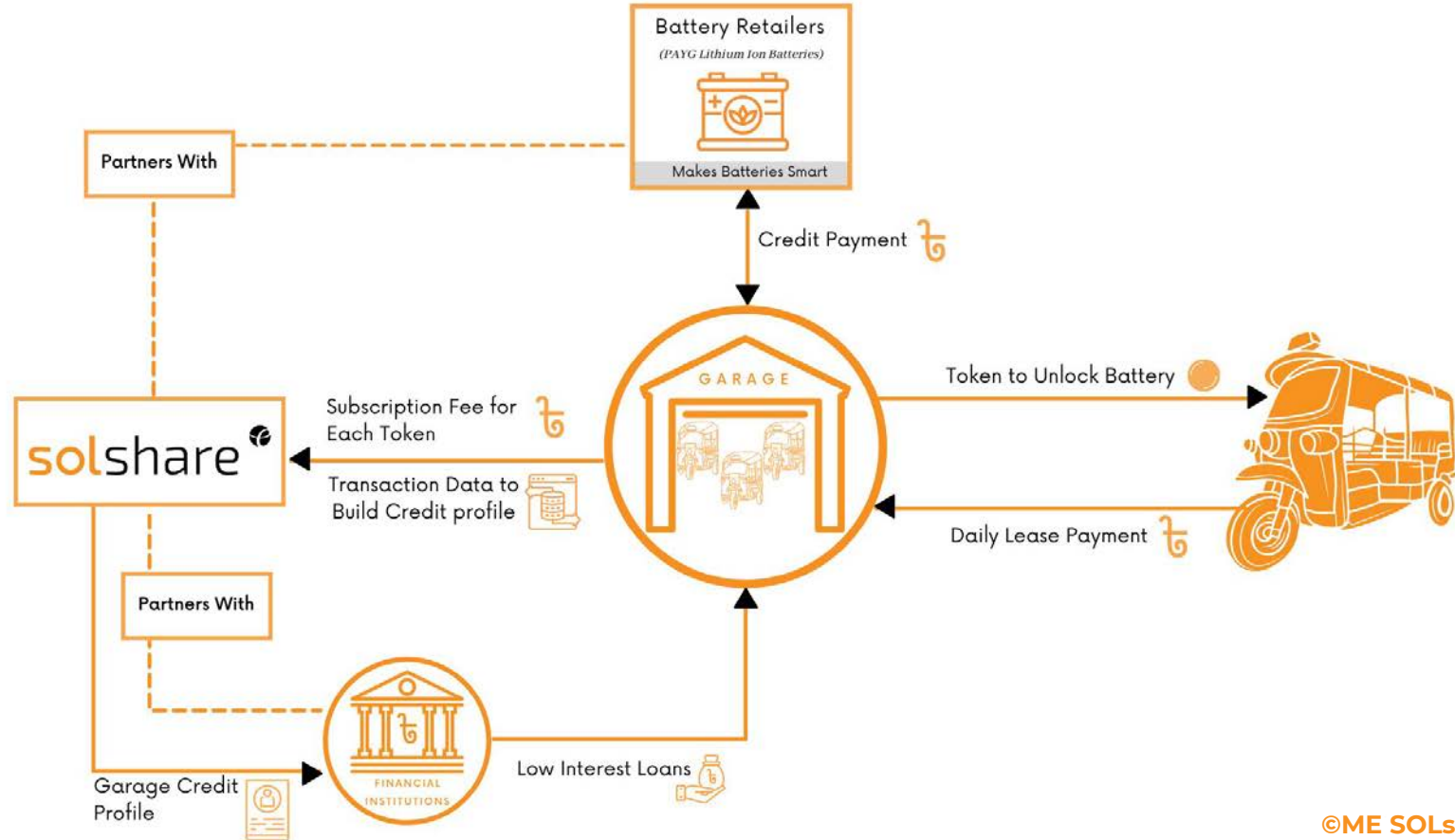
Business Model: solgrid



solmobility[®]

We de-risk early investment in battery leasing infrastructure through an intelligent platform approach.

Business Model: solmobility™



Traction

as of November 2021



Electrical Vehicle Smart Charging

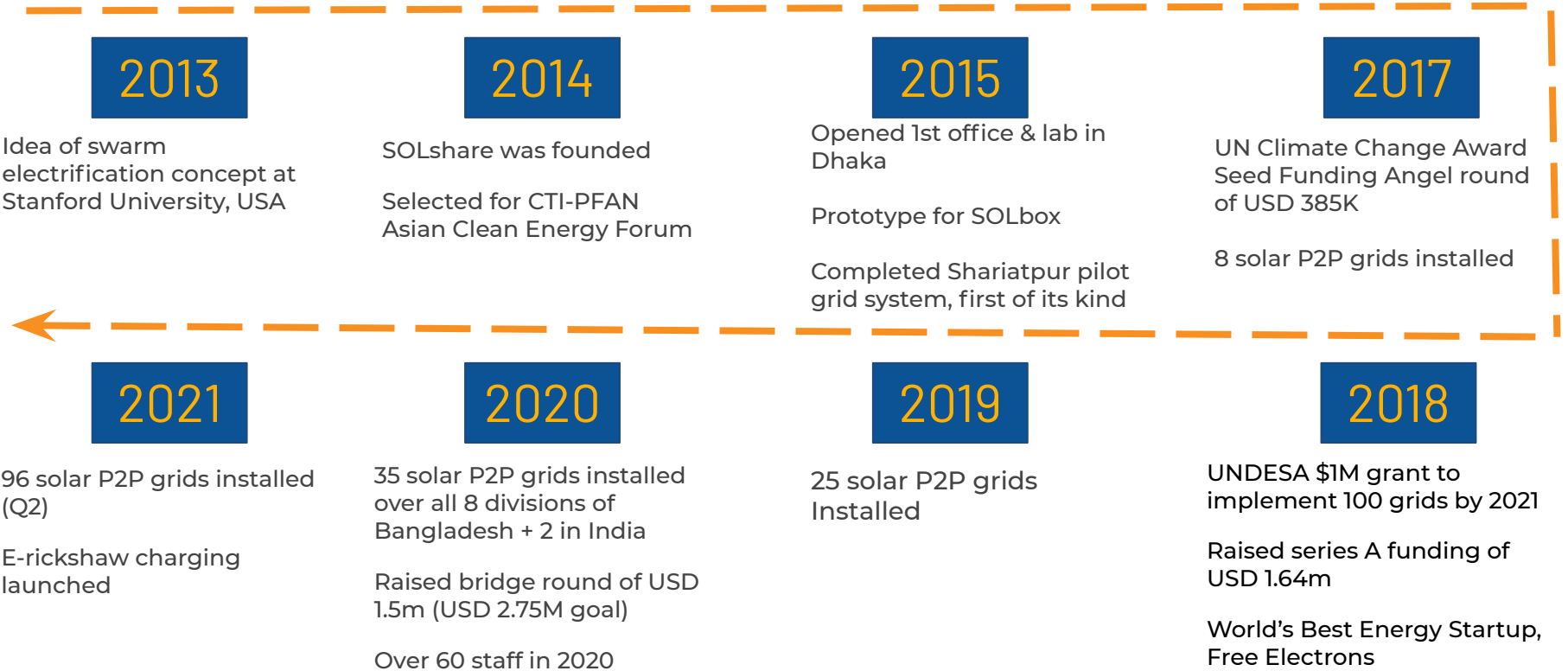
5 charging stations in operation



Peer-To-Peer Solar Microgrids

96 Operational Grids, 100 lined up for 2021

Company Timeline





Team SOLshare

SOLshare is an entech company consisting of a team of 60+ tech pioneers based out of Dhaka, Bangladesh. Grounded in PhD theses work, conceived at Stanford Ignite in 2013, SOLshare's globally recognized SOLbazaar has developed into an energy marketplace.



HANNES KIRCHHOFF
Chief Technical Officer



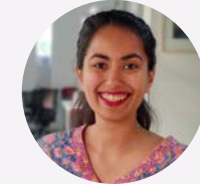
DANIEL CIGANOVIC
Chief Financial Officer



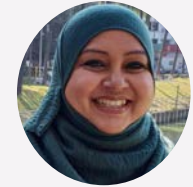
SEBASTIAN GROH
Chief Executive Officer



AZIZA SULTANA MUKTI
Principal – Head of Operations



ESHRAT WARIS
Principal – Head of Product & Business Development



SALMA ISLAM
Head of Projects, Fundraising & Communications



SYED ISHTIAQUE AHMED
Principal - Engineering & Innovation

Backed By



Partners & Customers



Awards



- Founded in 2014 in Dhaka, Bangladesh
- Journey from energy access to energy tech 'entech company'
- Developed three business lines over the years
- 1st mover in latest entech developments in unregulated, high social impact markets