

# WATER & ENERGY

An Intervention Through "Peer-to-Peer" Solar Energy Trading

স্বচ্ছন্দা সেন

Managing Director of *Grameen Shakti*

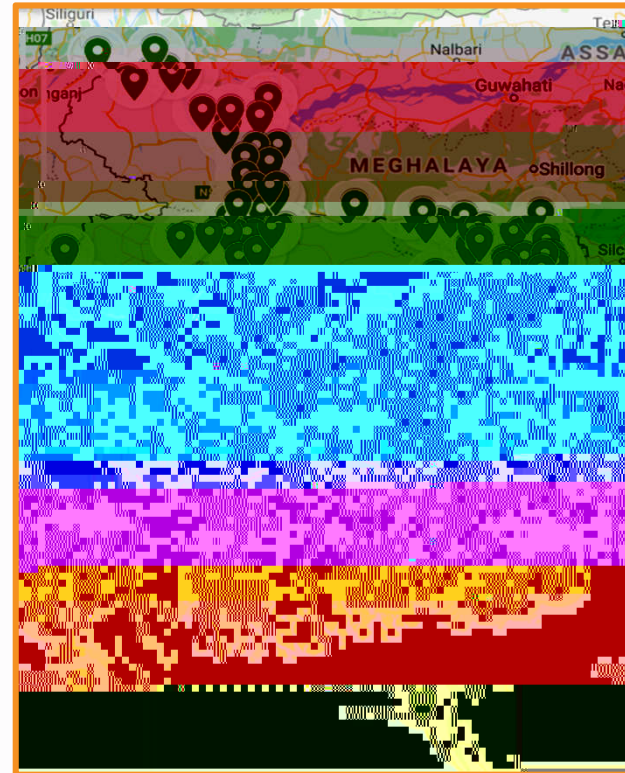








Map of Bangladesh showing all **identified** locations of **UNIDECA**'s microgrids



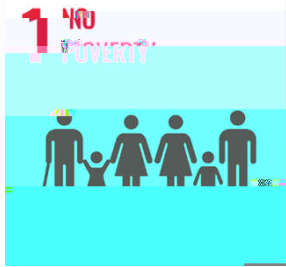
Map of Bangladesh showing all **potential** location for **UNIDECA**'s future microgrids



Grameen Shakti

# IMPACT

**solshare**  
Create a network. Share electricity.  
Brighten the future

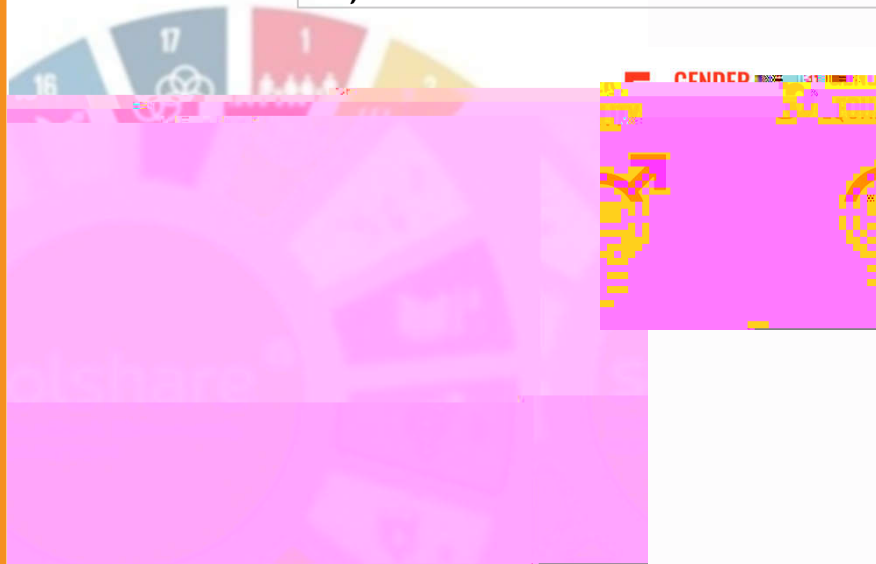


**84%**  
households  
75 MWh  
16,177

**USD 5 per day**  
1,000 women  
USD 75k  
24 MWh  
USD



**4,000**  
beneficiaries



**40%**  
women and  
children



**50,000 kgCO<sub>2</sub>e**





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Surplus energy of SHS are utilized to run different productive use appliances (PUAs) for various income generating activities.

Through UN DESA project we are introducing different PUAs

- 1) Solar Water Pump
- 2) Egg Incubators
- 3) Rice Huller
- 4) DC fridge
- 5) Sewing machine



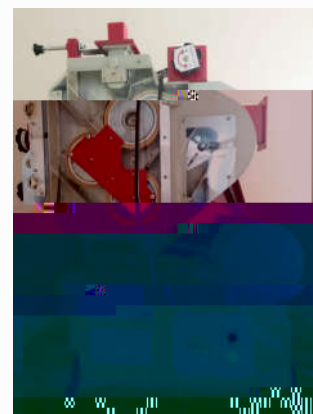
DC Water Pump



DC Egg Incubator



DC Sewing machine



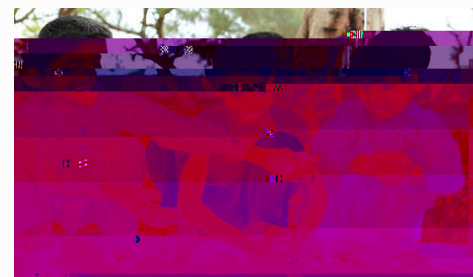
DC Rice Huller



DC Fridge



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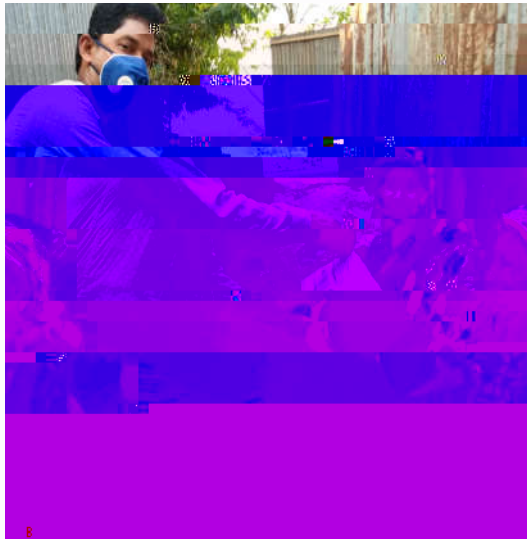




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3,000 Beneficiaries



35,000 mask distributed

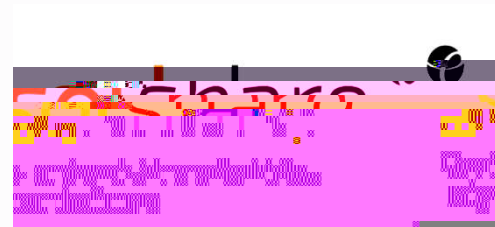
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Creating entrepreneurs to recover from



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[www.me-solshare.com](http://www.me-solshare.com)