SOLshare

Our Mission

The ME SOLshare solution was developed in order to bring affordable electricity to off-grid communities in rural areas in Bangladesh.

SOLshare nanogrids are an environmental friendly and sustainable solution which integrates existing resources and gives better electricity supply to people with and without Solar Home System.

The SOLshare solution is an integrative approach, which allows communities to set up their own efficient nanogrid in which everyone can proactively participate. SOLshare nanogrids create business opportunities. They allow Solar Home System users to connect their system to the SOLshare network to become electricity suppliers and generate additional income.

The SOLshare solution is based on the principle of sharing. It is not only a service for local communities; it is based on local communities. SOLshare enables local communities to take their energy supply into their own hands.

How it works

Utilize your local capacities is one of ME SOLshare's main principles. Everyone can decide if he wants to be a producer of electricity, a consumer, or even both at one time (Prosumer).

Users without own Solar Home System can purchase electricity from the SOLshare nanogrid. If a user produces more electricity than he needs, electricity sharing allows him to feed electricity into the SOLshare nanogrid. Both options are made possible through smart metering technology.

SOLshare nanogrids are connected to a back-end data management system. It monitors electricity flows between users and allows to turn electricity into real money. It also gives access to electricity at a later point in time when more electricity is needed than a SHS can provide.

SOLshare nanogrids are locally managed by **SOLshare Area Managers (SAM).** SAM is a local member of the community. He manages payment processes and the maintenance of the grid. SAM is the local contact person for ME SOLshare.
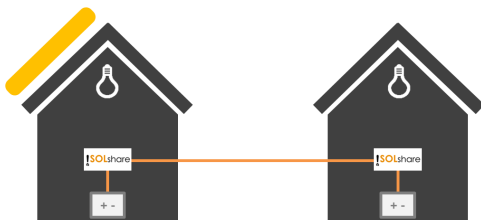
SOLshare Technology

Advanced technology for everyone is our promise to local communities. The basic equipment required to participate in SOLshare nanogrids is the SOLshare Box. Developed in Germany, the SOLshare Box incorporates advanced renewable energy electronics with a simple and intuitive user interface.

SOLshare Box is an advanced technology produt with a simple design. It is easy to understand and provides access to the most relevant information whenever it is needed.

The SOLshare technology can be easily connected to most types of standard Solar Home System. SOLshare Box allows the integration of already existing and newly set up Solar Home Systems into the grid. This principle enables the network to grow.

To be part of a SOLshare nanogrid, an own Solar Home System is not absolutely necessary. As in usual nanogrid approaches, electricity can simply be bought from the grid via the SOLshare Box. The difference is that SOLshare allows to feed electricity into the grid.

Create a nanogrid

Integrate new households

Let the grid grow

!SOLshare

The next generation of DC nanogrids

Create a network

With German engineering, ME SOLshare has developed an innovative charge controller that enables the creation of dynamic solar based nanogrids with the inclusion of locally available capacities.

Share electricity

ME SOLshare creates dynamic nanogrids that enable users to share electricity and even generate additional income by feeding electricity into the nanogrid. SOLshare is easy to use like pays-as-you-go payment systems for mobile phones, but with the added feature of providing cash-in-as-you-go services.

Brighten the future

More households can **access** electricity that could not be reached before.

More households can **live** with less indoor smoke and lower energy expenditures.

More households can proactively **create** additional income.

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!SOLshare

Create a network.

Share electricity.

Brighten the future