

Executive Summary – mesaSolar, id: 1769

Use case:

Based on experience of a humanitarian crisis (refugee crisis 2015) the need for a reliable, decentral and transportable solution for power supply for communication devices became evident. The mesaSolar was designed to operate independently from any landline and facilitate the use of renewable energy sources as power supply for cell phones and small electrical appliances.

Function:

The mesaSolar is a table and bench combination with additional equipment to supply the public with off-grid internet, electric power and environmental data. The table was developed together with refugees and ultimately placed in a refugee community project in Traiskirchen, Lower Austria.

Features:

- Free WiFi
- Free electric power to charge cell-phones
- Use of renewable energy for sustainable and independent supply
- Involvement of refugee-workers in the development, construction and maintenance
- Measurement and public sharing of environmental data

Who are we?

Ingenieure ohne Grenzen Austria (Engineers Without Borders Austria,) is a non-profit association focused on social development cooperation with a background in engineering. The association offers a platform - primarily for engineers - to enable and promote social engagement in the context of development cooperation.



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