



TRAINING AND RAISING AWARENESS ON SOLAR ENERGY

Project: Masasi District (Tanzania) – Enzkreis (Germany) PV solar systems in selected health facilities

This project used solar power systems to improve the power supply of 27 off-grid dispensaries in Masasi District in Tanzania. It built on a previous project. With funds from the Service Agency Communities in One World Programme to Support Municipal Climate Change Mitigation and Adaptation Projects (FKKP), the earlier project had already stabilised the power supply to Mkomaindo Hospital in Masasi using a solar power system with battery storage. Both projects aimed to improve health care and reduce greenhouse gas emissions.

To achieve that, this project pursued an integrated multi-level approach to training and awareness-raising measures.

This meant transferring knowledge of the benefits of solar systems, and of their technical and administrative aspects, to different relevant groups. For example, twelve solar technicians were trained at a local educational institution, and hospital staff were trained to use the systems. Information events aroused interest in the topic among local citizens and political decision-makers, and made them aware of its importance. The lessons learned by the project were also passed on to other municipalities. Last but not least, transferring knowledge on project management and energy planning to the partner municipality helped to make the project a success.

Success factors

- Trained solar technicians ensure maintenance and operation of the PV systems, and have also become self-employed solar entrepreneurs.
- The trained health staff can operate the PV systems and quickly detect and report any defects.
- Local citizens were made more aware of solar power. This is shown by the significant increase in the number of private solar installations.
- The project has also been used politically, and has become a national best practice example for off-grid power supply to health facilities.

Practical tips

1. Determine in advance the precise training needs in the partner municipality.
2. Identify the different groups of users of the energy systems to be installed.
3. Establish which local educational institutions and relevant courses are available.
4. Develop technical curricula in collaboration with local educational institutions.
5. Draw up a plan for maintenance and integration of the theme into the training curricula.
6. Provide target-group-appropriate training for technicians, user groups and (if required) staff of the partner municipality.
7. Involve the trained professionals in project implementation.
8. Plan information events for local citizens.
9. Reach out to policy-makers through your partner municipality.
10. Support the transfer of knowledge on project results to other municipalities.

ENGAGEMENT GLOBAL gGmbH
Service für Entwicklungsinitiativen

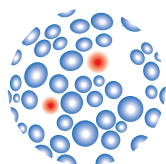
Friedrich-Ebert-Allee 40 · 53113 Bonn
Postfach 12 05 25 · 53047 Bonn
Telefon +49 228 20 717-0

info@engagement-global.de
www.engagement-global.de

Contact

Project team Municipal Climate Partnerships
climatepartnerships.skew@engagement-global.de

For more information and details of your personal contact go to
<https://skew.engagement-global.de/municipal-climate-partnerships.html>



MUNICIPAL
CLIMATE PARTNERSHIPS



with its



On behalf of



In cooperation with

