



Technical Assistance to Support the Rural Energy Agency of Tanzania

Client:
DAI Europe / DFID

Location:
Tanzania

Start Date:
June 2017

Completion Date:
July 2017

Key Services:

- ▷ Literature Review
- ▷ Technical and Economic Analysis

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ASD was hired in 2017 by DAI / DfID to review the Rural Energy Agency (REA) of Tanzania's proposal for DfID and SIDA to support the Sustainable Solar Market Package 2 (SSMP2) program and provide recommendations on how REA could achieve its desired results at a lower cost.

OVERVIEW

ASD provided a literature review of all documentation related to SSMP and the latest information on the off-grid solar sector in Tanzania. This was completed with consultation with key partners in the Tanzanian government (notably REA), key off-grid solar providers including those implementing SSMP2, and key international development agencies working in this sector (notably SNV, IFC and World Bank).

Following the literature review, ASD conducted a detailed analysis of the main technical conditions and economic assumptions of SSMP, its funding needs, effectiveness and economic efficiency in the context of the evolving off-grid solar market in Tanzania (including every service level, product prices, availability of consumer credit and the targeting of SSMP). This drew on recent progress, results and lessons from the EnDev Results-Based Financing (REF) for solar programs to avoid duplication of effort in future projects. All of this was then synthesized to produce clear conclusions and recommendations to guide REA and its partners on next steps.