



EEP S&EA SECTOR PROFILES: SOLAR PV



EEP

ENERGY AND ENVIRONMENT
PARTNERSHIP / SOUTHERN AND EAST AFRICA

The Energy and
Environment Partnership
Programme Southern and
East Africa

PHASE II

31 DECEMBER 2016

2016 results	Solar PV	% of total
tCO2e emission reductions	29,542	15%
HHs reached	376,310	71%
Jobs	1,955	56%
Electricity generation (MW)	0.78	100%
Potential installed capacity (MW)	7.6	46%
Investments	26.8 M€	67%

Total funding	€
EEP funding	3,7M
Co-funding	2,5M
Total budget	6,2M

Country	No of projects
Burundi	2
Kenya	2
Rwanda	3
South Africa	2
Tanzania	1
Uganda	2
Zambia	1
Total	13

Solar PV Key Results 2016

- In 2016 altogether thirteen Solar PV projects contributed to the annual M&E results
- These projects included five demonstration, four scale-up, two pilot, and two feasibility projects
- Solar PV sector covers various types of projects, ranging from projects distributing solar powered solutions such as solar lanterns and home systems, to micro- and mini-grids, and solar PV fields connected to national grid
- The completed EEP Solar PV projects had a significant impact in providing improved access to energy, as they reached over 375,000 rural and urban households (HHs). Particularly projects, that distribute solar products, reached a significant number of households
- The Solar PV projects created almost 2,000 direct jobs contributing to 56% of the 2016 EEP results in job creation
- In 2016 Solar PV solely contributed to installed electricity generation results of EEP. The results of feasibility studies are separately reported as potential installed capacity
- Solar PV projects were also highly successful in raising funding reaching almost 27 million euros of investments for scaling up operations

Solar PV projects contributing to 2016 results

- Solar PV projects are implemented across the EEP S&EA region. At the end of 2016 the EEP portfolio included 70 solar PV projects, and it was the largest sector in the EEP Programme portfolio of 223 projects
- In 2016 projects from Burundi, Kenya, Rwanda, South Africa, Tanzania, Uganda, and Zambia were included in the results
- A few examples of EEP solar PV projects that significantly contributed to 2016 results are presented in map below

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The overall objective of the EEP S&EA is to reduce poverty through inclusive and job creating green economy and improved energy access and security in the Southern and East Africa regions while mitigating global climate change.

Disclaimer

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