

PRESS RELEASE

A battery-backed solar power system will be installed at the Namibia University of Science and Technology (NUST)

Within the Renewable Energy Solutions Programme by the Deutsche Energie-Agentur (dena) – the German Energy Agency, *deea solutions* and *Terrawatt* are building a battery-backed photovoltaic (PV) power plant for demand-driven solar power supply in Namibia.

Frankfurt am Main, September 23, 2016: In October 2016, a battery-backed solar PV power plant will be installed and commissioned on the roof of the guest house "Kleines Heim" of the Namibia University of Science and Technology (NUST) in Windhoek. In addition to the design and installation of the system, the companies *deea solutions* and *Terrawatt* will conduct workshops and trainings on solar power with local personnel. Currently, the system components such as solar panels, inverters, batteries, substructures and installation materials are being shipped to the project site.

The 15 kWp solar power system is backed by a 16.8 kWh battery bank. All products used in the projects are sourced from German manufacturers only. The polycrystalline PV modules are provided by the Freiburg-based manufacturer SI Module, whereas the inverters are supplied by Kaco New Energy from Neckarsulm. Hoppecke lead-acid batteries are used for energy storage.

In late September, an installation team led by Frank Polzin will travel to Windhoek to install, test and commission the solar system. Later on, experts of *deea solutions* and *Terrawatt* will travel to Windhoek to deliver workshops and trainings on demand-driven solar power solutions. Amongst others, the project aims to collect important information on power outages in the region in order to provide tailored solar system solutions in Namibia and neighboring Southern African Development Community (SADC) countries.

The dena RES Project Namibia is part of the worldwide dena Renewable Energy Solutions Programme coordinated by Deutsche Energie-Agentur (dena) - the German Energy Agency - and co-financed by the German Federal Ministry for Economic Affairs and Energy (BMWi) within the German Energy Solutions Initiative.

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Notes to Editors

deea solutions GmbH

deea solutions GmbH is a German engineering and strategy consulting firm with headquarters in Frankfurt am Main.

As a global, independent consultancy, deea solutions offers a wide range of services ranging from project development, planning and implementation, construction and operational monitoring to financial advisory and financing clean-tech projects.

The core business of deea solutions are feasibility studies, due diligence, financial and economic modelling and advisory as well as environmental and social impact studies. In addition, deea specialists support clients directly on site or at their headquarters to achieve and maintain Excellence in Renewables.

Terrawatt Planungsgesellschaft mbH

Terrawatt is a German engineering company with more than 20 years of experience in planning, consulting, technical installation and operation of renewable energy projects. By today Terrawatt has contributed to more than 300 wind power projects with more than 1,500 wind turbines installed and more than 120 MW of solar PV projects worldwide

Deutsche Energie-Agentur GmbH (dena)

The Deutsche Energie-Agentur (dena) – the German Energy Agency – is Germany's centre of expertise for energy efficiency, renewable energy sources and intelligent energy systems. As 'Agency for Applied Energy Transition', it contributes to attaining the goals of energy and climate politics by developing solutions and putting them into practice, both nationally and internationally. In order to do this, it brings together partners from all areas of politics and business. dena's partners are the Federal Republic of Germany, the KfW Group, Allianz SE, Deutsche Bank AG and DZ BANK AG. www.dena.de/en

German Energy Solutions Initiative

The transfer of energy expertise, the promotion of foreign trade and the facilitation of international development cooperation are part of the German Energy Solutions Initiative, which is coordinated and financed by the German Federal Ministry for Economic Affairs and Energy. The initiative offers networking and business opportunities in Germany and abroad, it showcases reference projects and facilitates capacity building. www.german-energy-solutions.de/en

dena-Renewable-Energy-Solutions-Programme (dena-RES-Programme)

The dena RES Programme was developed by the Deutsche Energie-Agentur (dena) – the German Energy Agency. This programme, co-financed by the Federal Ministry for Economic Affairs and Energy within the German Energy Solutions Initiative, helps German renewable energy companies enter new markets. Within the framework of the programme, reference and demonstration projects are installed near prestigious institutions. The installation is accompanied by comprehensive PR, marketing and training programmes. These projects showcase high-quality German renewable energy technology and help participating companies gain a foothold in new markets. www.german-energy-solutions.de/en/res

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Deutsche Energie-Agentur GmbH: www.dena.de
deea solutions GmbH: www.deea-solutions.com
Terrawatt Planungsgesellschaft mbH: www.terrawatt.de
dena Renewable Energy Solutions Programme (dena RES Programme): www.german-energy-solutions.de/en/res
German Energy Solutions Initiative: www.german-energy-solutions.de/en
Project Website: www.namibia-in-solar.com

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