

The meeco Group

Corporate Overview

clean energy
services and solutions



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About meeco

- The meeco Group is a family-owned enterprise with 87 years experience in the carbon based energy generation and distribution sector and more than 17 years experience in the solar renewable energy market (mainly photovoltaic)
- meeco engaged in solar photovoltaic energy generation (PV) initially with the focus on markets driven by feed-in tariffs and has been a key partner in executed and operating PV projects equal to a value of more than 1.5 billion € since 2006
- Much sooner than other companies in the sector the globally engaged management team of meeco identified the risk of markets driven only by governmental subsidized tariffs and adapted its strategy accordingly to make PV grid competitive (grid parity) and broadly affordable.
- Having established a strong and reliable worldwide network The meeco Group offers today services for the complete value chain of clean energy projects on the free and competitive market all around the globe.
- Passionate people worldwide are working within The meeco Group to achieve added value for its clients matching their individual requirements with the best sustainable clean energy solution.



The meeco Group worldwide

- The meeco Group is headquartered in Switzerland
 - The group was consolidated in 2000
 - Global management team of 86 Employees in the core company

- Offices and fully owned subsidiaries

- | | | |
|---------------|----------------|---------------|
| • Switzerland | • Canada | • Paraguay |
| • Germany | • UK | • USA |
| • Greece | • Pakistan | • Mauritius |
| • Spain | • India | • Zimbabwe |
| • Italy | • South Africa | • Jamaica |
| • Antigua | • Fiji | • Guyana |
| • France | • Cyprus | • The Bahamas |



- Strategic partnerships in:

• Japan	• Malawi	• Mexico	• Brazil	• Kenya
• Portugal	• Maldives	• Angola	• UAE	• Senegal
	• Rwanda	• Uganda	• Kenya	• Belize
- Local strategic outlets for ease in distribution
- Network of local EPC, Project Developers and Resellers in each country
- The meeco Group including its subsidiaries is fully debt-free

Clean energy solutions: 2007-2018 results

clean energy
services and solutions



The meeco Group has become one of the world's leading clean energy companies by leveraging its competences and local expertise with the best technology and service providers in the industry.

Some key figures:

- Over € 1.5 billion in solar projects sold and financed
- Over 442 MW solar projects financed and operational (140+)
- Over 800 MW additional in development (150+ projects)



Photovoltaic Strategy

The meeco Group focuses in the PV sector on two main operating business fields:

PV Projects (large scale ground mounted sun2live and sun2roof):

- PV Project development
- EPC Contractor
- PV Power Plant Operator / Turn-key sale
- Operation & Maintenance

PV Products for localized energy generation and storage (sun2.. PV Products)

- Manufacturing PV devices (sun2go, sun2safe, sun2flow)
- Retail business



Photovoltaic Strategy

PV Projects (large scale sun2live and sun2roof):

PV Project development

- Site identification and preliminary yield forecasts
- Land lease or purchase negotiations
- Preliminary technical engineering / layout and design
- Environmental impact assessments / building permits / grid connection approval

EPC Contractor

- Turn-key construction, management and reporting
- Engineering, procurement, and construction
- Start up, testing and commissioning
- Performance and production analysis

Operation & Maintenance of PV Power Plants



sun2.. Products as PV solutions

The meeco Group combines top-tier technologies, supplies and components and implementation services to create customized clean energy solutions. These solutions can be designed for either grid-connected or off-grid use to address the energy requirements of individuals, businesses, communities, and utilities. With experience and passion The meeco Group provides the best solution for your individual requirement. The meeco Group is the right partner for sustainable clean energy solutions.



Solar energy solutions / grid-connected

meeco offers a variety of rooftop technologies and implementation services to structure, plan, construct, and commission complete turnkey projects.

Our rooftop solutions, from buildings to parking lots, are designed for government, commercial, industrial and community use.



Energy production and storage system

Small-to-medium scale power generation and storage solutions for both grid-connected and off-grid use. Fully reliable high-end solar power generation designed for hotels, households, businesses and communities.

sun2.. Products as PV solutions



Intelligent energy management and optimization system

Fully integrated power conversion, storage and management system, which can be used in combination with any kind of power production (preferably solar energy). Equipped with remote service and monitoring facilities.



Portable or semi portable solar energy solution

PV-based portable power supply comprised of a foldable PV module and a wheeled trolley containing a battery, inverter, charge controller, cooling fan and air filter. Delivers both AC or DC power.



Water pumping solution

Connection of high-end PV panels with proven water pumping and irrigation devices. Deliverable as DC or AC model and as fixed or mobile version. Ideal solution to pump water for drinking water, irrigation or cattle needs in off-grid areas.

sun2.. Products as PV solutions



Solar multibryd system for telecommunication

Custom designed off- as well as on-grid solutions to power remote and inner-city telecommunication sites. The installation can power a broad range of sites from 300 Wp single operator BTS locations without air conditioning to large air-conditioned switching stations.



Solar LED lighting

Sustainable outdoor as well as indoor lighting solution run by solar power. Combination of LED lights with photovoltaic modules, a battery bank and a smart lighting controller. Deliverable as local street lighting systems or portable mini solutions as well as indoor installations.



Photovoltaic greenhouses

Specially designed greenhouses using if required frameless and integrated PV modules or non-integrated rooftop PV modules. High energy production and optimal cultivation conditions. Manufactured in accordance with high Dutch greenhouse standards.

sun2.. Products as PV solutions



Off-grid water treatment

Solution to purify and desalinate various sources of water with solar power generation. Individually assembled and if needed combined with supplemental power sources. State-of-the-art battery storage and inverters, GSM and web-based monitoring.



Energy storage solutions

As communities and industries continue to expand, delivering power and energy storage solutions becomes more challenging— electricity grids reach capacity during peak periods, while providing electricity off the grid becomes more expensive.



Smart Hydro Power – kinetic water turbine solution

In association with Smart Hydro Power GmbH, The meeco Group offers a kinetic water turbine solution to provide energy to agricultural or lighting applications, rural communities or industrial clients located close to strong water current.

Taking energy generation local

- Today across the globe but certainly in most remote areas of the world as well as in many urban areas, with daily fuel or energy price increases, PV generated electricity is cheaper than energy generated from fossil fuels.
- The meeco Group's goal is to promote a progressive reduction in fossil fuel use.
- Shaving off this use means transition into an increasingly renewable energy mix, still with fossil fuel playing a substantial role.
- The energy of the future is:
Local AND Sustainable | Renewable | Reliable | Low cost



Reference grid-connected sun2live solution

Ground-mounted 3 MWp V.C. Bird International Airport Antigua

Description

- The meeco Group was contracted to install 10 MWp sun2live and sun2roof Projects for the Government of Antigua Barbuda.
- This project received the best utility scale Solar Award at the Caribbean Renewable Energy Forum 2017.
- The first part of this Project was the 3 MWp sun2live installation next to the V.C. Bird Airport in Antigua.
- In only 87 days the meeco Group finished this 3 MWp sun2live Project from the scratch to the successful commissioning in December 2015.
- www.meeco.net/blog/successful-completion





Contact

Thank you for your attention!

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