Official partner of the sun

BELECTRIC and the 360°-PV-Solution
A driver of climate protection
Ground-mounted PV systems

The challenge

Strategy of the German Government for photovoltaics:

• Target for 2035: Becoming climate neutral to limit global warming to max. 1.5°
• Results in the following PV demand* until 2030:

215_gw = 301.120
installed capacity football fields

The solution

Expansion of ground-mounted PV systems with BELECTRIC as "official partner of the sun"

sources:
www.umweltbundesamt.de
www.ise.fraunhofer.de

*ground-mounted, roof and balcony PV systems

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For a sustainable future worth living

Our vision

We are a leading solar company for climate and environmentally friendly energy projects in Europe and Israel and make a clear **contribution to the energy transition.**
More than EPC
Our service portfolio

Our all-around carefree package
We accompany projects from A to Z: from consulting and development to construction and maintenance of solar systems.

Our core capabilities

- Innovation & System Design
- Project Development
- Engineering, Procurement & Construction (EPC)
- Operation & Maintenance (O&M)

of solar and hybrid plants as well as battery storage systems
Solar energy for a green future
Facts and figures

- >490 PV projects
- >500 employees
- >4.7 GW installed capacity
- >2.1 GW in O&M
- 7 focus markets in Europe
- 9 locations, headquarters: Kolitzheim
- 22 years of experience

status: 01/2024
From PV pioneer to market leader
Success through internationalisation and innovation

< 10 years from start-up to global player

1st EPC company worldwide with an installed capacity of > 1 GW

Member of Elevion Group

Pioneers in the development of PV systems

Financially strong parent company by our side

Early Mover: Opening up new markets

2001

2012

2021
Local flexibility, international standards:
Our focus markets
Our origin, our home
Core market Germany

≈300 employees
172 MW biggest PV plant

1 GW installed capacity
>900 MW in O&M

status: 01/2024
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For a secure energy supply

Our products

Worldwide experience
- Experts in the development and construction of ground-mounted systems
- Individual project concepts according to your business case

A powerful combination
- PV and battery storage from a single source
- Integration into the overall system – from construction to grid connection
- Standalone energy storage system possible
Always on the cutting edge

Our products

Experience meets track record
- Several benchmark projects in Israel
- Design according to your requirements and on-site conditions

Dual land use for dual value
- Solar tracker systems beside the crops for an agricultural use between the rows
- Standard mode of operation as well as farming mode
An all-around PV solution

Our services

ALL-AROUND PV SOLUTION

Innovation & System Design
- Innovation Monitoring
- System Design Optimisation
- Optimisation as a Service

Project Development
- Scouting
- Permits
- Lease

EPC
- Engineering (E)
- Procurement (P)
- Construction (C)

O&M
- Performance Services
- Technical Asset Management
- Inspection & Maintenance

Asset Management
- Commercial Management
- Administration & Controlling
- Benchmarking & Optimisation

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System optimisation for maximum profitability
Innovation & System Design

Innovation Monitoring
Continuous evaluation of new PV technologies and applications

System Design Optimisation
• Simulation-based plant optimisation
• Selection of the most economic solution

Optimisation as a service
• Decision support early on
• Simulation-based analysis of all relevant system design configurations
Carefree package in Germany
Project Development

Scouting & Lease
- Examination of the areas for suitability, eligibility for remuneration and profitability
- Evaluation of all options regarding area and design

Building law
- Accompaniment of the urban land use planning procedure until the plant is ready for construction
- Obtaining permits & covering all development costs

Close contact with authorities
- Possibilities of participation for municipalities
- Promoting regional biodiversity
Over 4.7 gigawatts of installed capacity
EPC experience worldwide

Engineering
• Individually according to business case
• Simulation-based project planning

Procurement
• High quality components
• Cross-divisional logistics system

Construction
• On time and precise
• Nature-friendly implementation

Installed PV capacity (MW) in Europe and Israel
1. Denmark 13
2. UK 161
3. Netherlands 229
4. Germany 1006
5. Czech Rep. 7
6. France 348
7. Spain 89
8. Italy 67
9. Greece 7
10. Israel 850

status 01/2024
Maximum efficiency in the execution of solar projects
• Experienced project managers and well-practised construction site teams
• Detailed project planning as well as balanced opportunity and risk management
• Effective time management and high transparency

Reliable quality standards
• From guidelines to mandatory training: QHS&E is in our DNA
• Our certifications:
  ISO 45001 (formerly OHSAS 18001)
  ISO 9001 : 2015
Years of experience in all climate zones

Operations & Maintenance

Operations
Technical management

Maintenance
Maintenance of the PV systems

Capacity (MW) in O&M in Europe und Israel

1. UK 282
2. Netherlands 205
3. Germany 910
4. France 86
5. Spain 50
6. Italy 226
7. Israel 431

> 2.1 GW in O&M worldwide

MEMBER OF ELEVION GROUP
Competent and reliable
Operations & Maintenance

• Real-time monitoring and in-house Control Room
• Error detection and diagnosis
• Big Data Analysis
• Repowering

• Spare part management
• Warranty management
• Automated end-to-end IT processes

• Preventive, not just reactive
• State-of-the-art technologies to ensure highest availability
• LV, MV & HV services
We take responsibility

**Environmental Social Governance**

**Environmental**
- Recycling
- Biodiversity
  Solar farms contribute to biodiversity

**Governance**
- Supply chain diligence
  Declarations of commitment from suppliers
- Code of Conduct
  Code of Conduct for all employees and suppliers

**Social**
- QHS&E
  Integral part of our corporate values
- Diversity & Equality
  Fair pay and integration measures
- Sponsoring
  Supporting regional clubs
- Corporate Social Responsibility
  Tournaments for a good cause
One with the environment
Energy generation in harmony with nature

> 99% of natural areas remain

Retreats for native animal and plant species

Flocks of sheep tend to the greens and save CO2

< 1% of the area is sealed by solar farms

Solar farms promote biodiversity

Ecological multiple use possible
Climate and species protection hand in hand
We support biodiversity

Our measures

- Sowing species-rich wildflower mixtures
- Mowing concepts adapted to bees
- Construction of amphibian, bee or bat hotels
- Foundations of the solar modules are rammed, not concreted
Strong relationships with strong partners
Selection of satisfied customers worldwide
Success stories made by BELECTRIC
A selection of projects

172 MWp
Tramm Göthen, Germany

19 MWp
Lohamei HaGeta’ot, Israel

13 MWp
Herlheim, Germany

37 MWp
Haringvliet, Netherlands

349 MWp
Limondale, Australia

13 MWp
Ringkøbing, Denmark
360° TECHNOLOGY AND ENERGY SERVICES STRUCTURED IN 3 SOLUTIONS CLUSTERS

Building Energy Solutions
- Energy efficiency & decarbonization solutions for buildings
- Mechanical and electrical services, operation & maintenance
- Building & process automation
- Designing & engineering solutions
- Hard facility management
- Clean rooms

Green Energy
- Photovoltaics solutions
- Heat pumps
- Biogas & Biomethane solutions
- Hydrogen solutions
- Energy storage
- E-mobility solutions

Energy for Industry
- Energy efficiency & decarbonization solutions for industry
- Water treatment solutions
- Tri/Cogeneration solutions
- Industry parks and local energy distribution networks
- Industrial automation
Together, let’s take the chance to change.