

Official Partner  
**of the Sun**





# Welcome to the **Solar Experts**

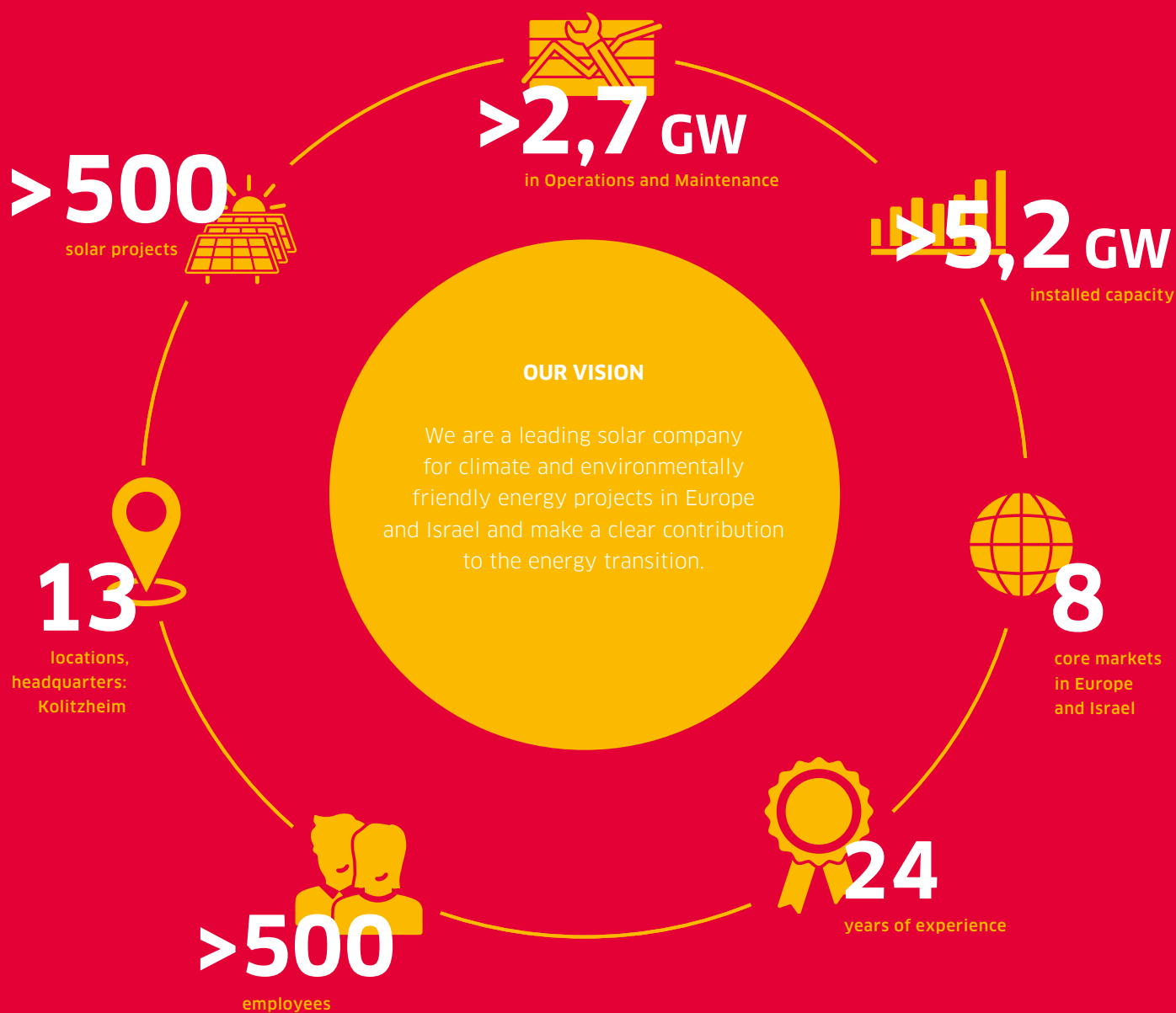


<b>Project:</b>	Tramm-Göthen, Germany
<b>Installed Capacity:</b>	172,00 MWp
<b>Services:</b>	Project Development, EPC, O&M
<b>Commissioned:</b>	2022





**BELECTRIC** is one of the world's leading companies in the development, construction, and operation of ground-mounted solar power plants and battery storage systems. Since our founding in 2001, we have evolved into an internationally active company with more than 500 employees.



# Clear as sunlight

## 5 real added values

### 1 We are your trusted partner.

- “Early mover”: Over 20 years of in-depth solar expertise
- Active worldwide: Regional and international projects
- Thinking outside the box: Expertise through exchange with our subsidiaries
- Twice as secure: Thanks to our financially strong parent company Elevion Group
- QHS&E in our DNA: Proven by ISO 9001:2015, ISO 45001:2018 and ISO 14001:2015

### 2 We offer everything from a single source.

- Holistic approach: From development to construction and operation
- Customised packages: From only maintenance to an all-round carefree solution
- In the best hands from start to finish: Permanent, well-coordinated teams, dedicated site managers and personalised contact

### 3 We respond flexibly to individual requirements.

- Nothing off the shelf: Customised project design, tailored to your business case
- Immediately on site: Our O&M teams can reach your solar farm in Western/Central Europe within a few hours

### 4 We are technological leaders.

- From hybrid systems to Agri-PV: Evaluation of new technologies and innovative PV applications
- Maximum profitability: thanks to simulation-based system design optimisation
- Everything at a glance: Insightful plant data bundled in our in-house control room
- Whether drones or robotics: Digitalisation and automation of maintenance works

### 5 Our projects are sustainable in multiple ways.

- Respect for Mother Nature: Nature-friendly design and maintenance of solar farms
- At one with the environment: Integration of plants into existing landscapes
- Taking responsibility: ESG reporting documents the sustainability of our projects

# Super smart solar solutions

## Our offers

### BELECTRIC: Official Partner of the Sun

The global challenges relating to climate change are enormous. As an innovative, medium-sized company, we are focusing on solar energy as a lever for climate protection. In this way, we can make a decisive contribution to the energy transition with our daily work.

We are already helping to ensure that a cost-effective and reliable energy supply will be possible for everyone tomorrow.

As a reliable partner for the generation of green electricity, we supply high-quality products that are complemented by our comprehensive services. We call this holistic solar concept the "BELECTRIC 360° PV solution".

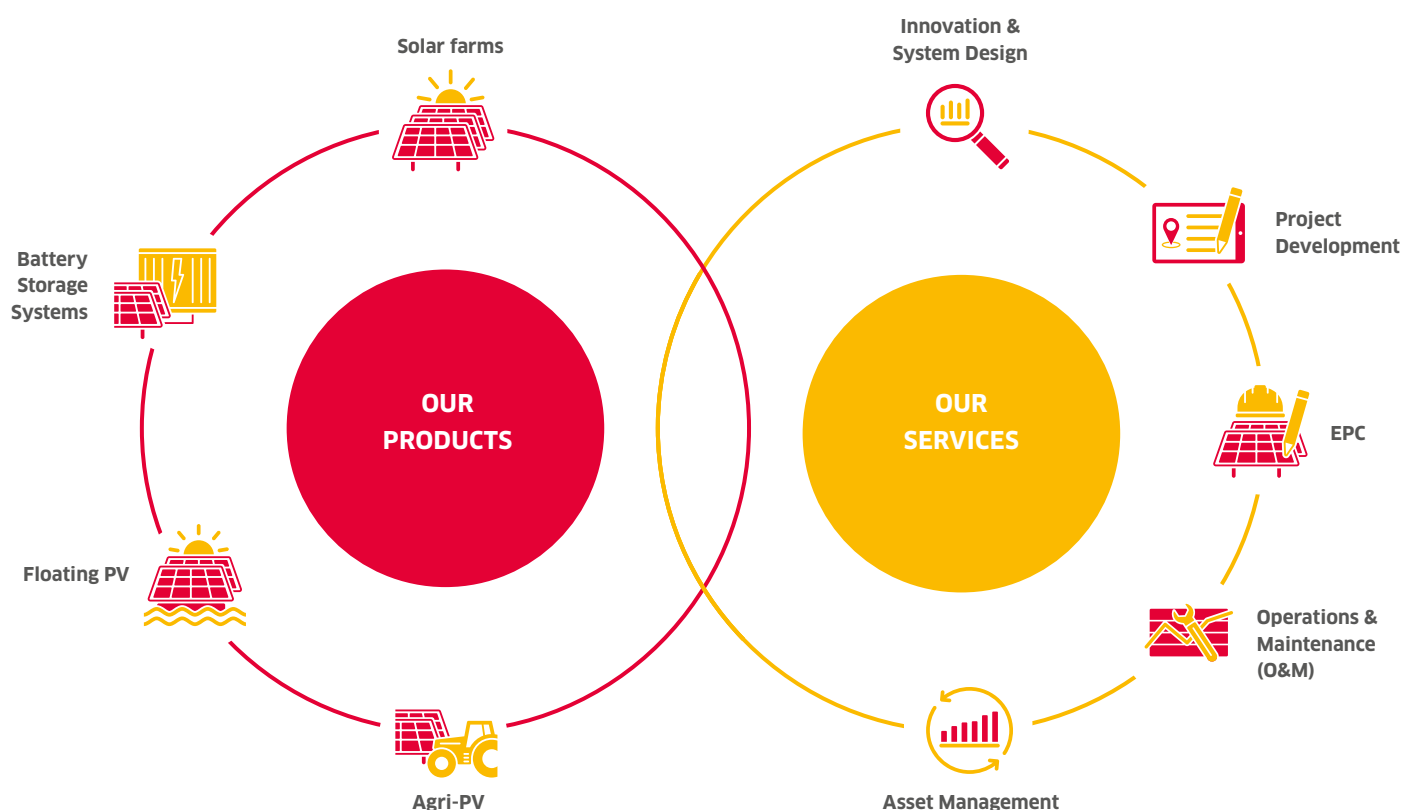
### Well Positioned All Around – Our Products

We develop, construct, and operate ground-mounted photovoltaic systems. But that's not all: We are also pioneers in future concepts such as energy storage system hybridisation, floating solar power plants and Agri-PV. To date, we have installed more than 500 PV systems with a total output of more than 5.2 GW on a turnkey basis.

### Smart Solar Services – Our Services

We can do much more than EPC (Engineering, Procurement, Construction). As one of the world's largest O&M service providers for Operations & Maintenance, we organise smooth, long-term plant operation for our customers, have experience with repowering systems, and thus reliably and consistently secure and improve our customers' earnings.

### BELECTRIC 360° PV solution



# Worldwide Highlights

## Our Solar Farms

### From Solar Pioneer to Global Market Leader

Since our company's founding in 2001, we have specialised in the development, construction, and operation of large-scale solar farms. With activities in eight countries and a broad network of suppliers and partners, we construct state-of-the-art solar power plants for our customers.

As an "early mover", we quickly turned to the European market and soon after to the non-European market as well. Since then, we have been at home all over the world with our solar plants. In 2012, we were the first company in the world to reach the historic milestone of one gigawatt of installed capacity. Today, we have been one of the world's leading EPC service providers for almost two decades.

### Solar Farm Pioneer in Germany

Germany is our main market. Back in 2012, we built the largest solar farm in Germany to that date with 128 MWp. Our latest major project near Tramm-Göthen in northern Germany measures 172 MWp, making it once again one of the largest independent solar power plants in the country.

What else characterises us in our home market? We develop our own projects and offer everything from planning to maintenance from a single source.

### Individual Project Design

Canada, Australia, Israel, or Germany – we have already constructed solar farms in many different regions of the world and gained valuable experience in dealing with different climatic conditions and special challenges on site.

We always design our projects individually depending on the business case and partner. With our innovative system design, we get the highest possible yields from every area. This is proven by more than 500 installed photovoltaic systems worldwide.

### Nature-Friendly Implementation

In addition to economics, ecology also plays an important role for us: The environmentally friendly engineering of every solar farm is a firmly established goal.

We always integrate our systems into the existing landscape in the best possible way. We also create refuges for endangered animal and plant species through valuable compensatory measures.

**Why can our solar farms become popular attractions?**

**It's simple: The soil of our plants remains unsealed, as the foundations of the solar modules are not concreted. We use the areas for sowing wildflowers and local grassland, which bloom in the natural course of the seasons thanks to our adapted mowing concepts. This means that bees will always find an adequate supply of food during their pollination season.**

**BELECTRIC, the Bee Whisperers**







**Project:** Ringkøbing, Denmark  
**Installed Capacity:** 12.60 MWp  
**Service:** EPC  
**Commissioned:** 2022





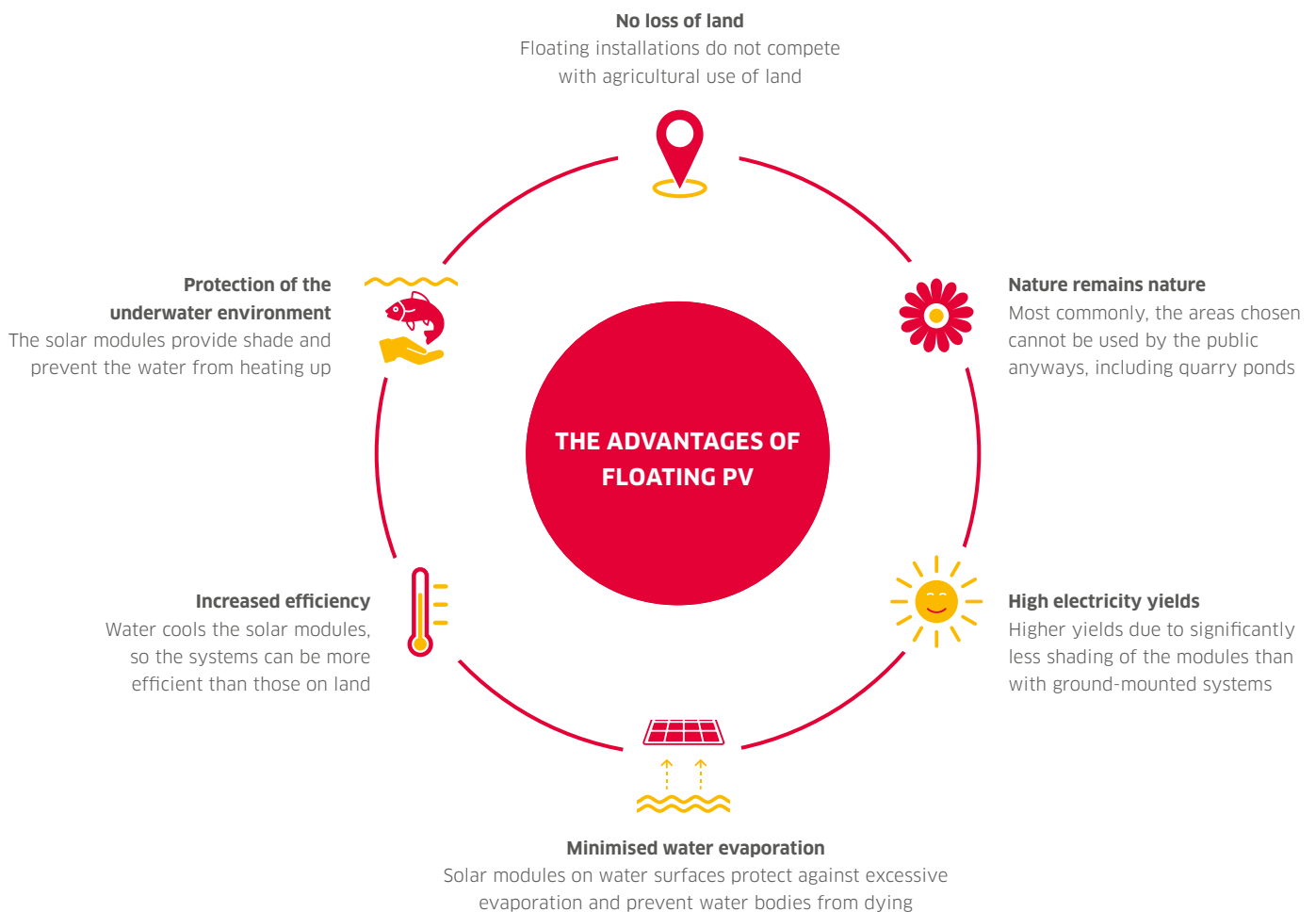
# Convincing – even on water

## Floating PV

### Sun and Water – a Beneficial Combination

Floating photovoltaic systems (floating PV) offer great potential to vitally advance the energy transition. The advantages of floating PV are extremely multi-layered. The modules are mounted on floating platforms and connected to the shore by floating, seawater-resistant power cables. A system of anchors and moorings ensures that the floating power plant is held in position.

This means that water bodies such as pits or reservoirs can also be used to generate energy and that the use of land required for other purposes can be avoided. The efficiency of floating PV is also attractive: The modules are automatically cooled by the water, meaning that floating systems can achieve higher yields than those on land.







<b>Project:</b>	Lohamei HaGeta'ot, Israel
<b>Installed Capacity:</b>	19,30 MWp
<b>Services:</b>	EPC, O&M
<b>Commissioned:</b>	2022

### Experience meets Track Record

Thanks to numerous benchmark projects in one of our main markets, Israel, we are now at the forefront of the rapidly growing floating PV market. For instance, we have gained valuable experience with our plants constructed near Gan HaShomron and Lohamei HaGeta'ot: From complex on-site conditions to different floating structures - our experts have extensive expertise in the logistic aspects of floating PV.

### Designed for Maximum Yields

We plan and install our floating systems with one goal in mind: Reliable electricity with highest yields. Right from the start, we pay attention to the efficient positioning of inverters and transformers. This enables us to save production costs and prevent yield losses. We always tailor the system design specifically to the customer's requirements and the local conditions.

### Top priority: Health and Safety

Whether under or above water - we are experienced in fastening a wide variety of floating systems and rely on an optimised and safe anchoring design.

During the construction phase, but also far beyond, the safety and health of everyone involved is particularly important to us. This is why we have a strong HSE focus throughout all of our company processes.



**"From floating to Agri-PV: With our model-based optimisation approach, we are able to quickly evaluate new technologies and PV applications and integrate them into our product portfolio."**

Johannes Linder, Director System Design & Innovation

# Innovative Alternatives

## Battery Storage Systems and Agri-PV

### **Hybrid Systems: Battery Storage meets Photovoltaics**

Around the world, hybrid systems are the key to a cost-efficient, stable, and sustainable energy supply. They enable a grid-compatible realisation of the energy transition. That is why we do not only support our customers in the field of photovoltaics, but also as a general contractor in the engineering and purchasing of battery storage solutions. Besides hybrid PV systems we also offer standalone battery storage systems.

### **Energy Storage Integration into the Overall System**

We take care of a holistic integration of different storage solutions into the overall system.

Our PV know-how feeds into all sub-areas of the integration, from construction to grid connection. For our customers, we always keep an eye on the optimal business case. This is how we ensure the combination of all components into an intelligent energy management system.

### **From Pure Storage to Grid Service**

Whether AC or DC coupled systems – we have many years of experience with battery storage and can look back on a large number of successfully implemented projects. As a competent general contractor, we offer to connect the storage solution to the medium or even high voltage, just like we do with PV systems. No other service provider needs to be commissioned for this task. In addition, our hybrid systems enable the absorption and release of control power to stabilise the power grid frequency.



### **Interface to Service Providers and Energy Suppliers**

As a strong EPC service provider with its own SCADA team, we act as an interface to all partners involved. We are in close contact with our service providers, especially when it comes to security-related questions. In addition, we take over all coordination with the respective energy supplier or direct marketer.

### **Why do sheep graze on our PV systems?**

Flocks of sheep keep the modules on our solar farms free from shading by tall grass. This prevents performance losses and saves CO<sub>2</sub> for landscape maintenance. At the same time, the system provides the sheep with shelter and protection from the weather.







<b>Project:</b>	Haringvliet, Netherlands
<b>Installed Capacity:</b>	38,00 MWp
<b>Service:</b>	EPC
<b>Commissioned:</b>	2020

### Agri-PV: Dual Land Use, Twice the Added Value

Agrivoltaics, or Agri-PV for short, is a solar technology that makes it possible to utilise agricultural land for both food production and solar power generation.

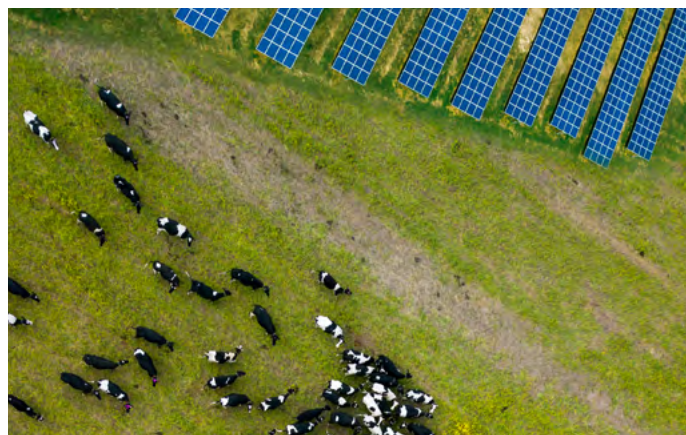
Although the initial cost for an agrivoltaic system is higher compared to a regular solar farm because of its sophisticated installation, Agri-PV has many advantages. Besides a more efficient land use, the systems offer agricultural entrepreneurs an additional source of income. Moreover, the shade provided by the solar modules helps avoid water stress.

### Our Game Changing Approach

We approach agrivoltaics with solar tracker systems installed alongside the crops for an agricultural use between the rows. From a technical point of view, this variant with large row spacing and two modules on top of each other is most similar to conventional ground-mounted solar farms. It relies on proven, low-cost technology and generates the cheapest electricity possible. However, it allows agricultural use to the same extent as other agrivoltaic applications.

### The Two Modes of Operation

Depending on the agricultural work that needs to be carried out, our solar tracker systems can be used in two different modes. Within the standard mode of operation, the trackers rotate from east to west following the movement of the sun, so they have as much irradiation as possible throughout the day. The second mode, the farming mode, allows a manual or automated positioning of the modules and therefore enough space for agricultural machines to pass through. It is especially useful for mowing, fertilising, or harvesting.



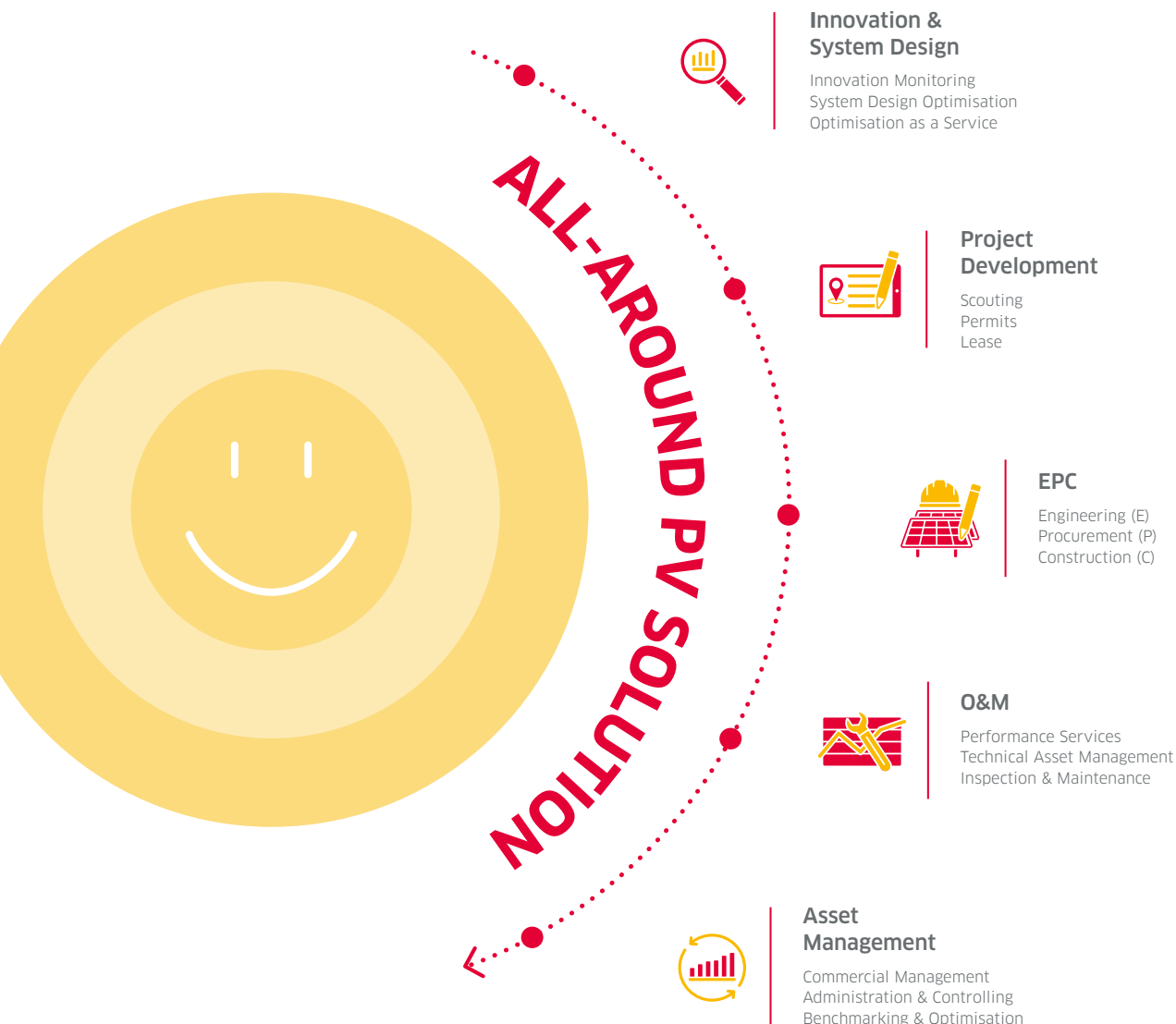
# Anything But Standard

## Our Services

### All-in-one

We are much more than just an EPC service provider. Our team accompanies you and your project step by step – from consulting and development to construction and maintenance of the plants. We see ourselves as a provider

of solar installations who offers everything from a single source. We set the highest standards for quality and safety. The focus of our services as an all-in-one provider of solar systems is always an environmentally compatible implementation and maintenance of all photovoltaic systems.







## Innovation & System Design

Whether floating PV, Agri-PV, or battery storage systems – we are constantly on the lookout for innovative applications and new technologies for photovoltaics and integrate these into our product portfolio.

Thanks to a simulation-based system design optimisation, we can guarantee our customers maximum profitability.



## Project Development

In our core market Germany, we develop our own projects using a holistic approach: All steps from initial contact to the construction of the PV systems come from a single source. Throughout the entire process, our team is constantly there for you, and on site if required.



## Innovation Monitoring

- Innovation Scouts always have their finger on the pulse of the vibrant PV market
- Well-placed for the construction of large hybrid systems
- Innovative solutions for Agri-PV applications

## System Design Optimisation

- Wide range of options: e.g. tracker systems, fixed tilt, mono- or bifacial modules
- Holistic, simulation-based system optimisation
- Maximum efficiency thanks to up-to-date cost databases, professional yield calculations and automated analysis tools

## Optimisation as a Service

- Consultation and decision support in the early project phase
- Simulation-based analyses of all relevant configurations based on NPV\*, IRR\* or LCoE\*
- Standardisation approaches for project portfolios, basic design layouts and market analyses

## Scouting

- Examination of areas for suitability, remuneration capability, and economic viability
- Site analysis and examination of alternatives
- Evaluation of all options in terms of area and design

## Authorisations

- Accompanying the communal construction planning process up to readiness for construction
- Taking care of development costs and authorisations

## Lease

- Above-average rental income for landowners for 30 years
- Lucrative opportunities for municipalities to participate
- Promoting local biodiversity

\*NPV (Net Present Value), IRR (Internal Rate of Return) or LCoE (Levelized Cost of Electricity)

# Anything But Standard

## Our Services

### EPC

Since our company's founding in 2001, our core business has been EPC. Our experience from over 20 years of project business at home and abroad as well as around 5 gigawatts of installed solar capacity speak for themselves and for us.

We do not offer ready-made solutions. Our aim is to develop each system to suit the individual business case as well as the local and project-specific conditions. We are constantly in close contact with our suppliers and place the highest value on quality and the health and safety of everyone involved.



**"With deliberate focus on the importance of the client's business cases for PV and BESS, we provide EPC and O&M services ensuring the highest quality. With a sustainable approach we manage economic challenges and offer viable technical solutions. Our agile sales team is passionate about achieving common goals with our clients."**

Jasmin Greier, Senior Director Sales Europe

### Engineering

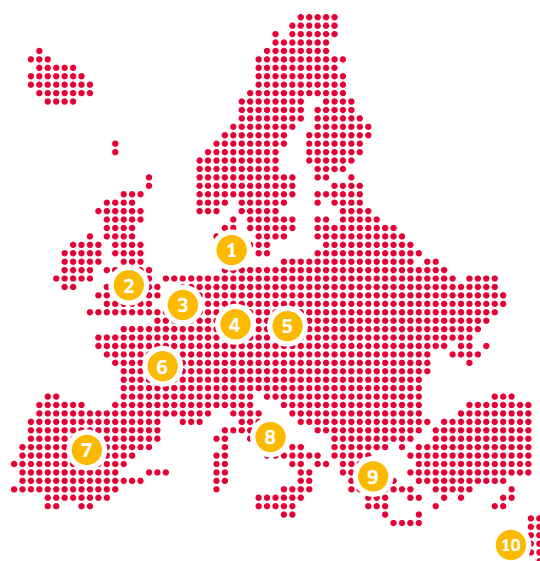
- Ideal project planning based on site-specific 3D terrain models and simulation-based optimisation
- 360° service package includes obtaining building permits and acceptance by the energy supplier

### Procurement

- High-quality components from leading manufacturers for a profitable, reliable, and durable system
- Smooth processes thanks to a cross-divisional logistics system

### Construction

- Maximum efficiency and top quality thanks to experienced project managers and well-coordinated construction site teams
- From guidelines to mandatory trainings: QHS&E is part of our DNA
- Focus on nature-friendly implementation



**Installed PV capacity (MW) in Europe and Israel**

Status: January 2025

1	Denmark	13	6	France	348
2	UK	227	7	Spain	89
3	Netherlands	283	8	Italy	67
4	Germany	1250	9	Greece	7
5	Czech Republic	7	10	Israel	937





**Project:** Templin, Germany  
**Installed Capacity:** 128,40 MWp  
**Services:** EPC, O&M  
**Commissioned:** 2012

## O&M - Operations & Maintenance

The reliable and forecastable profitability as well as the value of a PV power plant depend on continuous monitoring and inspection. In our O&M division, we bundle technical operations management and maintenance in in customised packages to safeguard and improve PV systems.

We monitor a total PV capacity of more than 2.7 GWp worldwide. By identifying risks in plant operation at an early stage and initiating countermeasures, we enable optimal operation with highest possible availability. Additionally, we bring extensive experience in repowering to the table.



## Performance Services

- Real-time monitoring in our own SCADA Control Room
- Intelligent connection of system data for predictive big data analysis
- Use of AI, advanced analytics and machine learning
- Site Performance Assessments to maximise production

## Technical Asset Management

- Takeover of the entire technical operation
- Automated end-to-end IT processes to plan maintenance activities
- Spare parts and warranty claim management

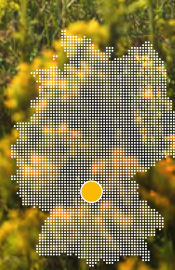
## Inspection and Maintenance

- Inspections and maintenance in the low-, medium-, and high-voltage range
- Technical system inspections on site
- Very short response and downtimes thanks to our large, local service team
- Coordination of landscaping works, cleaning of PV modules, and correspondence with grid operators and authorities
- Use of robotics to secure and improve yields





<b>Project:</b>	Schweinfurt-Oberndorf, Germany
<b>Installed Capacity:</b>	3,87 MWp
<b>Services:</b>	EPC, O&M
<b>Commissioned:</b>	2013





# Twice as effective

## Solar Farms and Biodiversity

### A Benefit for Biodiversity

With the construction of solar farms, the energy transition can be realised in harmony with nature. Due to the solar power plant's compact design, less than one percent of the soil is sealed.

The areas of our solar farms are rarely walked on and thus create a refuge for endangered animal and plant species. Insects, reptiles, and breeding birds in particular benefit from this, as the topsoil can demonstrably remain undisturbed in comparison to intensive agricultural cultivation.

### Protection of Natural Soils and Wildlife

When planning and realising our projects, we ensure that they are designed in the most nature-friendly way possible.

Our measures for species protection include insect, amphibian, or bat hotels as well as sowing species-rich wildflower mixtures. Deadwood piles and clearance cairns are created to provide shelter for sand lizards and slow worms. Thanks to extra-wide corridors between the rows of modules, it is easy for deer to cross our solar farms. Furthermore, raised fences ensure that even small mammals can use the power plant as a refuge.

The bottom line is that our systems are useful in two ways: They generate environmentally friendly electricity,

and they create new habitats, which in turn can also have a positive impact on neighbouring agricultural land.

### What speaks in favour of solar farms from an ecological point of view:

1

#### Promotion of Biodiversity

Modern solar power plants create valuable habitats for flora and fauna and improve biodiversity.

2

#### 100% CO<sub>2</sub>-free Power Generation

Solar energy is natural and available everywhere. Your electricity yields are pollution-free and free from ecological risks.

3

#### Preservation of Nature and Topsoil

Nature and topsoil are proven to recover compared to intensive agricultural use.

4

#### Low Resource Consumption

Even in the long term, modern solar power plants have virtually no biological footprint. They can be dismantled and recycled.

5

#### Increase of Agricultural Yields

Solar power plants have been proven to increase bee population and thus agricultural yields of oil-seeds and fruit, for example.

6

#### Low Surface Utilisation

Due to the table-like construction of solar modules, less than one per cent of the soil is sealed.

BELECTRIC - the Bee Hotel Operator



Why do insects enjoy staying with us?

We realise solar farms as close to nature as possible. That's why we convert the areas into wildflower meadows and consistently refrain from using pesticides. The solar plants become quiet zones and the insect hotels on many of our solar farms turn into retreats for insects such as bees, wasps, lacewings, ladybirds, and others.

# Strong Performance, Strong Team

## Our Powerful Family



### Our Shareholder: Elevion Group

Elevion Group is a leading European provider of end-to-end decarbonisation and higher energy efficiency solutions. Thanks to its unique structure and its pioneering spirit, its capabilities can be easily scaled across the project scope, for various project sizes and a range of required expertise.

Elevion Group operates on 12+ European markets (including The Netherlands, Germany, Austria, Italy, Poland, Romania and Hungary) through 60+ highly specialised independent companies, but with the financial strength of an international group.

For interesting facts and news on Elevion Group, please visit [www.eleviongroup.com](http://www.eleviongroup.com).



**12+**

countries

**60+**

consolidated  
companies

**117+**

locations

**4.500+**

employees

**2.000+**

MWp of photo-  
voltaics in O&M

**500+**

MWp of new photo-  
voltaics per year

**6.000+**

projects per year

**Energy.  
Solutions.  
Together.**





Our job is both challenging and meaningful. Every day, we actively work on the climate-friendly generation of energy and shape the energy transition. None of this would be possible without the many people behind it.

Across Europe, more than 500 employees in five countries are personally committed to ensuring that our projects run smoothly and that our customers' goals are achieved.

When it comes to shaping the future, team spirit is our top priority. We live diversity, speak more than 20 languages, and our multicultural teams consist of people from many different nationalities.

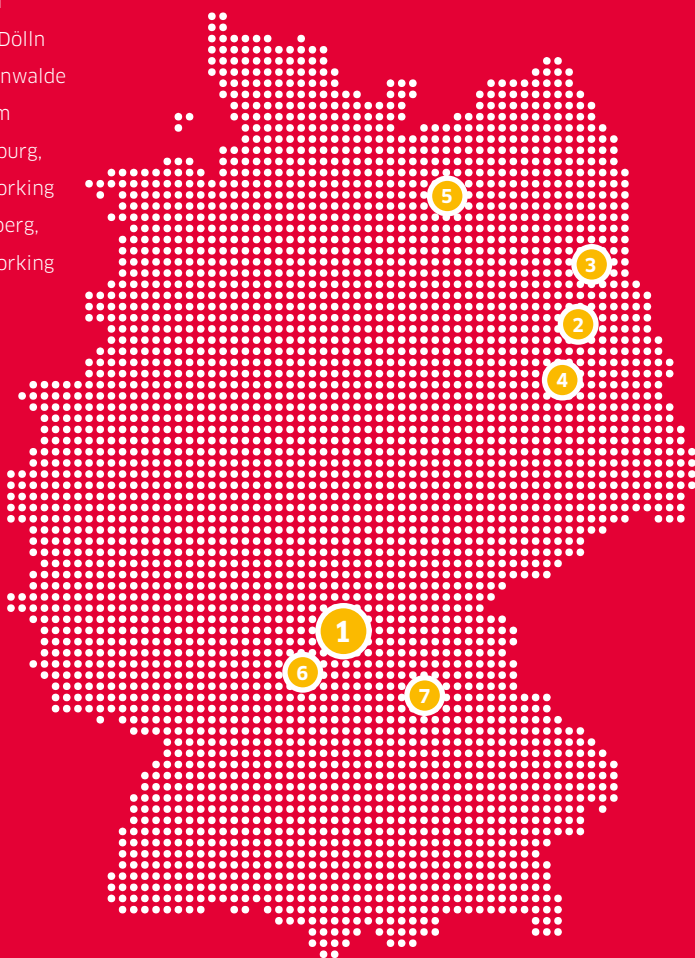
We want to be role models for a world worth living in. That is why we are committed to ensuring the health and safety of our employees and partners as well as to protecting the environment. To achieve this goal, we follow a strict QHS&E policy (short for “Quality, Health, Safety and Environment”).



# We are here. And ready to go.

## Our locations in Germany

- 1 Kolitzheim, headquarters
- 2 Berlin
- 3 Groß Dölln
- 4 Luckenwalde
- 5 Tramm
- 6 Würzburg, Co-Working
- 7 Nürnberg, Co-Working



## Further locations

- 1 United Kingdom
- 2 France
- 3 Spain
- 4 Italy
- 5 Israel

## BELECTRIC GmbH

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