

The background features a large-scale solar farm with rows of photovoltaic panels stretching towards a bright sunset on the horizon. The sky is a mix of orange and yellow, transitioning into a clear blue. The foreground shows a field of tall grass and small white flowers. The entire image is overlaid with several large, semi-transparent geometric shapes: a white triangle pointing down from the top left, a grey triangle pointing down from the top right, and a white triangle pointing up from the bottom right.

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References



Green electricity for companies and municipalities



References

From photovoltaic systems of 5 MWp to large-scale systems with more than 100 MWp, we are your competent partner for professional planning, installation and support.



Ground-mounted photovoltaics

Bundorf district heating project



Capacity:	approx. 125 MWp
Completion:	09/2023
Location:	Bavaria
Special feature:	<ul style="list-style-type: none">• Community solar park, biodiversity PV, district heating, electromobility• Proven increase in the skylark population• TOP100 Innovator



A flagship project for the energy transition

The PV park in Bundorf has an impressive size of approx. 125 MWp. But not only that, it is one of the largest community solar parks in Bavaria and one of the largest in the whole of Germany. Around 30 percent of the solar park is owned by citizens, which means that citizens have the opportunity to actively participate in the project via an energy cooperative and thus jointly drive forward the local energy transition. This involves not only the generation of solar power, but also the provision of green heat for households and businesses in the region as well as charging facilities for electric vehicles. These diverse measures help to make the region less dependent on fossil fuels and are therefore the best evidence of the local energy transition.





Ground-mounted photovoltaics



Bundorf district heating project

Capacity:	approx. 2 MWp (PV heat share) from the park
Completion:	03/2024
Special feature:	<ul style="list-style-type: none">· Buffer storage tank (75.000 l)· Wood chip boiler (200 kW)· Electric boiler (400 kW)· 2 air heat pumps (121 kW each)



Bundorf charging infrastructure

Capacity:	1x DC and 5x AC with two charging points each
Completion:	Q1/2024
Special feature:	<ul style="list-style-type: none">· Bundorf and five other surrounding districts

Compatibility of species protection and renewable energies

Bundorf is home to the specially protected skylark. As a songbird, it prefers open landscapes and is known for its characteristic song. However, the skylark population has declined sharply throughout Germany. In order to document the population and settlement density of this bird species in solar parks, an ornithological study was carried out at the Bundorf solar park in 2023.

The results are impressive: the number of breeding pairs has more than doubled since the start of construction. Skylarks are settling quickly in the ground-mounted photovoltaic systems and the territory density is even increasing. Optimal warmth due to wide row spacing, sunny strips and an increased food supply through extensive cultivation have a significant influence on settlement.



Ground-mounted photovoltaics



Solar park Kraiburg am Inn

Capacity:	approx. 13 MWp
Completion:	03/2024
Location:	Bavaria
Special feature:	· Three sub-areas, one of which is a community solar park



Solar park Sulzbach

Capacity:	approx. 7 MWp
Completion:	03/2024
Location:	Bavaria
Special feature:	· Project connected to the Sillaching PV park by a single route



Solar park Ottenbüttel

Capacity:	approx. 10 MWp
Completion:	02/2024
Location:	Bavaria
Special feature:	· Fast implementation (approx. 6 months)



Solar park Lehe

Capacity:	approx. 4 MWp
Completion:	06/2023
Location:	Schleswig-Holstein
Special feature:	· PV park with battery storage (approx. 4 MWh) · Community solar park



Ground-mounted photovoltaics



Solar park Sillaching

Capacity: approx. 11 MWp
Completion: 06/2023
Location: Bavaria
Special feature: · Implementation in just 6 months



Solar park Reckertshausen

Capacity: approx. 10 MWp
Completion: 02/2022
Location: Bavaria
Special feature: · PV park with two battery storage systems (approx. 7 MWh in total)
· Community solar park
· TOP100 Innovator



Solar park Theinfeld

Capacity: approx. 12 MWp
Completion: 02/2022
Location: Bavaria
Special feature: · Fast implementation



Ground-mounted photovoltaics



Solar park Wien



Capacity:	approx. 12 MWp
Completion:	04/2021
Location:	Vienna, Austria
Special feature:	<ul style="list-style-type: none">· Austria's largest PV system at the time of construction in 2021· Part of the plant as an agricultural PV plant· Former gravel landfill



Solar park Burhafe

Capacity:	approx. 8 MWp
Completion:	09/2020
Location:	Lower Saxony
Special feature:	<ul style="list-style-type: none">· Fast implementation in less than three months



Solar park Unterdietfurt

Capacity:	approx. 4 MWp
Completion:	02/2020
Location:	Bavaria
Special feature:	<ul style="list-style-type: none">· First cooperative Power Purchase Agreement (PPA)



Rooftop photovoltaics



Steinheim-Sandebeck

Capacity: approx. 4 MWp
Completion: 02/2024
Location: North Rhine-Westphalia
Special feature: · PV system on three roofs



Schwindegg

Capacity: approx. 3 MWp
Completion: 12/2023
Location: Bavaria
Special feature: · Several roofs of one plant



Werne

Capacity: approx. 5 MWp
Completion: 2022
Location: North Rhine-Westphalia
Special feature: · Logistics hall with total output of approx. 16 MWp



Rooftop photovoltaics



Oberhaching

Capacity: approx. 750 kWp
Completion: 2019
Location: Bavaria
Special feature: · Shed roof



Dieburg

Capacity: approx. 7 MWp
Completion: 2018
Location: Hessen
Special feature: · First rooftop system via the Federal Network Agency's tendering process



Frankenthal

Capacity: approx. 4 MWp
Completion: 2016
Location: Rhineland-Palatinate
Special feature: · Logistics hall
· Partly as a community solar project



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