GreenBuddies

① Develop ② Build ③ Operate

Installed over

> 1.5 GWp
of PV plants

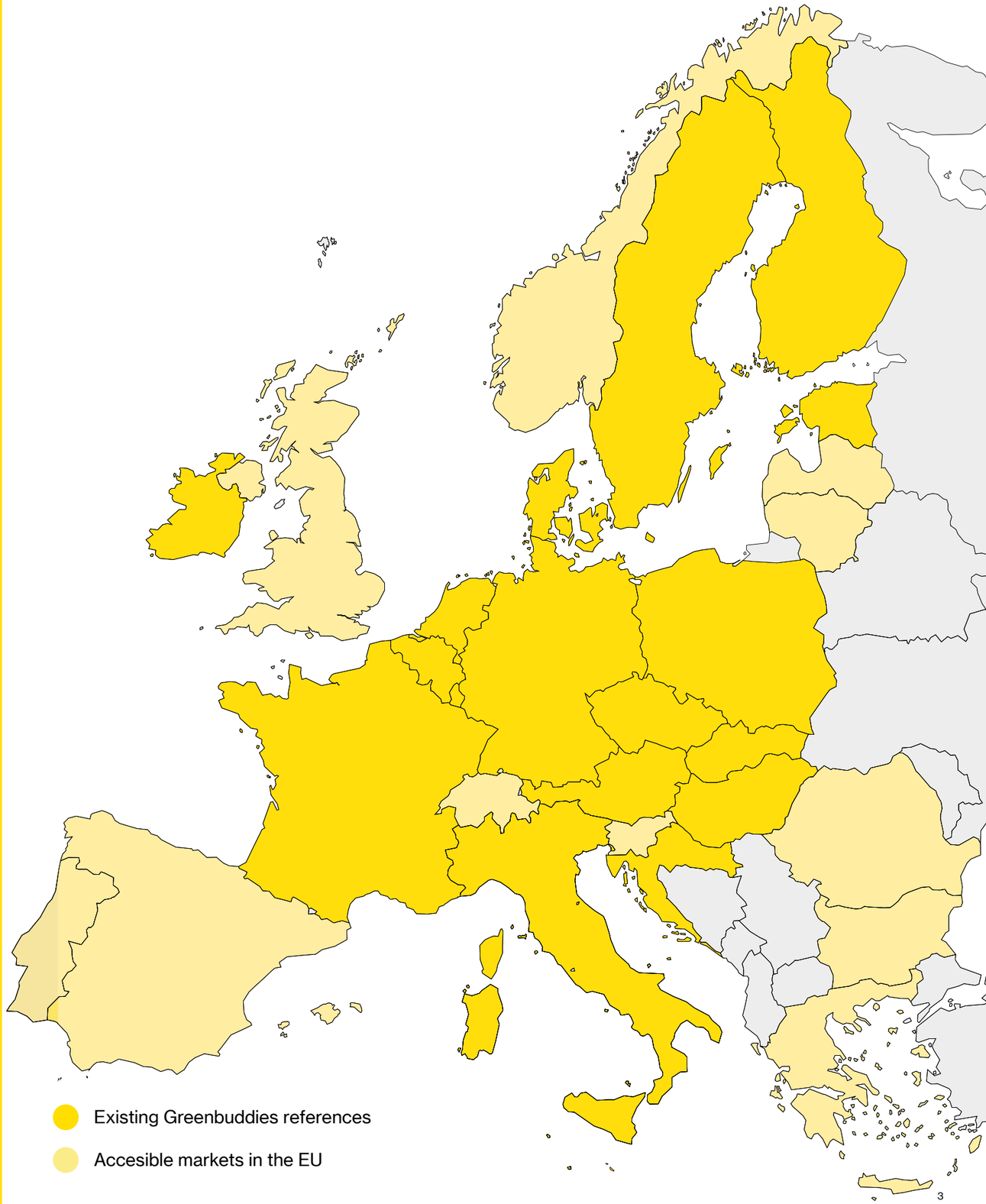
3 500 000
PV modules

> 400
project references

95
core employees

450
people on project sites

Projects in 18 countries of the EU



Green in our motivations and work methods, we are your PV construction and Battery Storage **Buddies**

We have completed over 1.5 GWp of PV plants since 2017.

The story of Greenbuddies

Greenbuddies is a European energy group specializing in the construction of utility-scale photovoltaic and battery energy storage projects across 18 countries of the EU. We focus on reliable execution, on-site coordination, and delivering projects safely, on time, and within budget.

Our role typically covers detailed engineering coordination, procurement, civil and electrical works, installation, grid connection, commissioning, and handover. We work closely with developers, investors, and technology suppliers to ensure smooth implementation and high construction standards for utility-scale solar plants, BESS installations, and e-mobility infrastructure.

With more than 1.5 GWp of completed PV projects and over 3.5 million installed modules, we combine strong technical expertise with extensive hands-on construction experience. Our network of experienced project managers, engineers, and site teams enables us to manage complex, multi-stakeholder projects across Europe.

All our services are delivered in strict compliance with European regulations and the highest safety and quality standards. Greenbuddies is certified according to ISO 9001 (Quality Management), ISO 14001 (Environmental Management), and ISO 45001 (Occupational Health & Safety), ensuring reliable and responsible project execution.

2017
Founding of Greenbuddies - Aleš and Ondřej set up a small business and operate from Ondřej's kitchen.

2019
Completion of 71 MWp project in Kristalpark, BE.
Works begin on more than 150 MWp projects in NL.

2021
Completion of the 1.5 MWp carport project in Lutzmannsburg, AT.
First Development activities in CZ begin.

2022
Completion of 138 MWp project in the Netherlands.
Construction started on the first EPC project in the Czech Republic.

2023
Agreement signed with Langa International for app 400 MWp development pipeline.
Milestone of 1 GWp of installed capacity reached!

2024
Entering a new market – Ireland
1.6 MWp Floating PV plant in Germany was connected to the grid.

2025
Greenbuddies holding company is established.
First EPC projects in Germany and Luxembourg delivered.

2026
More than 100 MWh of battery storage projects is being constructed.

① Develop

Development of PV and BESS projects

Searching for new opportunities for the construction of PV plants

Preparation of projects up to the ready-to-build stage

② Build

Professional project management of construction phase

Compliance with quality and safety standards

Effective logistics and subcontractor management

Quality control at every stage of construction

Turnkey delivery according to client requirements and local conditions

③ Operate

Real-time performance monitoring

Operational and technical condition monitoring

Problem diagnostics

Repairs to ensure maximum efficiency

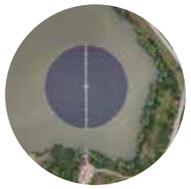
Repowering – modernization and performance enhancement of older installations

Energy optimization and trading

Product portfolio

Carports

Rooftop PV



Floating

Agri-PV

BESS

Freefields

Scope of works

Full Execution Responsibility

We act as general contractor for the construction of commercial and utility-scale photovoltaic power plants. During the execution phase, we take full responsibility for coordination of works, adherence to the construction schedule and compliance with approved project documentation.

Procurement & Logistics

We manage procurement of key system components, including mounting systems, photovoltaic modules, inverters, cabling and associated installation materials. Deliveries are aligned with the construction programme and managed directly on site to maintain continuity of works.

Mechanical & Electrical Installation

Our scope covers installation of mounting structures, pile driving or screw foundations where required, and complete module installation. We perform full low-voltage works up to 1000 V AC / 1500 V DC, including DC cabling and stringing, inverter installation, internal AC distribution and implementation of earthing and equipotential bonding systems.

Site Facilities & Equipment

We provide the necessary site infrastructure and machinery for the duration of the works, including construction equipment, lifting and drilling machinery, cranes, platforms and transport vehicles. Temporary facilities such as power supply, site office, storage areas and sanitary units are established to support on-site operations.

Project Management & Handover

Project and site management supervise daily construction activities, coordinate subcontractors and monitor compliance with the construction schedule and technical documentation. Low-voltage testing is carried out and the required handover documentation is prepared prior to commissioning and grid connection procedures.

Project Management Team

Our project management team ensures structured coordination from contract signing to commissioning. We maintain control over scope, budget, timeline, and quality throughout the entire project lifecycle.

Progress Reporting & Quality Control

Transparent reporting is a core part of our delivery model. Daily QA/QC ensures that every construction phase is monitored, verified, and aligned with the project schedule.

Daily QA/QC

Each Site Manager (Ramming, Mechanical, Electrical, Trenching) performs daily inspections based on approved checklists.

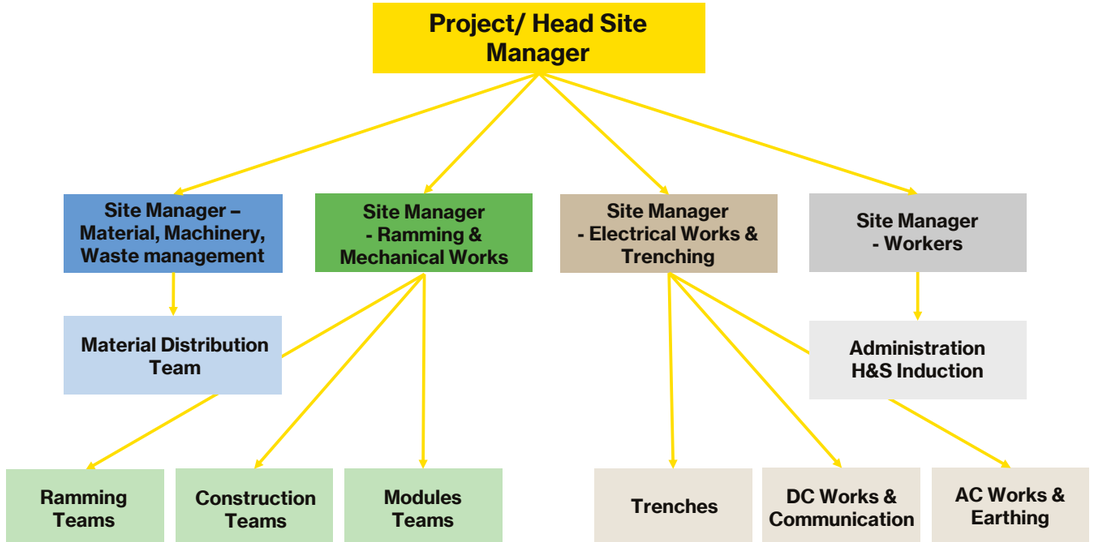
Completed works are:
- Verified on site
- Checked against technical documentation
- Immediately recorded in the reporting system

Work progresses only after confirmed completion of the previous phase.

Progress Sheet & Client Updates

All daily activities are logged in a central Progress Sheet, including:
- Completed quantities
- QA/QC status
- Deviations and corrective actions

The report is regularly shared with the client or reviewed in progress meetings to ensure transparency and alignment.

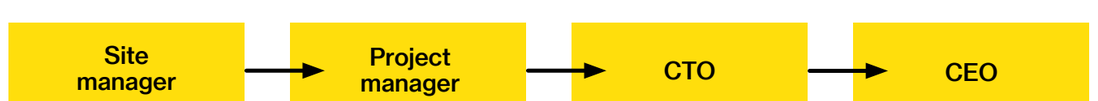


Example of Site management on project

Escalation procedure

Operational issues or technical questions are initially addressed at the site level and escalated directly to the assigned Project Manager. If the matter requires further technical oversight or resource coordination, it is passed to the Chief Technical Officer (CTO), Marcel Hrubý.

Strategic or high-impact issues, especially those affecting contractual obligations or client relations, are escalated to the CEO, Ondřej Vodsloň. Contact details are available at each level for quick communication and transparent accountability.



We are a process-oriented company

At Greenbuddies, we believe in the power of clearly defined processes to guide every stage of our project delivery. Rather than relying on ad-hoc decisions or informal routines, we focus on creating a structured, consistent approach that ensures repeatable, high-quality results. By building our operations on a strong foundation of process discipline, we can maintain control over the execution of each project, ensuring that every step is executed with precision and efficiency.

Standardized Workflows

We understand that the success of any project lies in effective planning and execution. That's why all project phases – from the initial planning and procurement to installation and commissioning – are managed through carefully documented procedures and checklists. These workflows serve as a roadmap for every team member, ensuring that tasks are completed in a consistent and systematic manner. By following these standardized workflows, we can mitigate risks, avoid delays, and deliver high-quality results for our clients.

Defined Responsibilities

Accountability is at the core of our operations. At Greenbuddies, every team member and subcontractor operates under clearly defined roles. This structure ensures that everyone involved in the project understands their responsibilities and has the necessary authority to carry out their tasks effectively. Clear role definitions also foster transparency, enabling us to track progress and maintain full traceability across all stages of the project. Whether it's a team member on-site or a subcontractor working remotely, everyone knows their duties and is held responsible for their part in the project's success.

Continuous Improvement

In our pursuit of excellence, we are committed to continuous improvement. We regularly evaluate the performance of our projects, conduct quality audits, and hold internal reviews to identify areas for improvement. These assessments help us spot any inefficiencies, pinpoint issues that need attention, and refine our processes. This commitment to continuous improvement ensures that we are always evolving and adapting to industry best practices, which allows us to deliver even better results for our clients with each project we undertake.

Integrated QA/QC System

Our focus on quality is embedded into every aspect of our operations. At Greenbuddies, we enforce a comprehensive Integrated QA/QC (Quality Assurance/ Quality Control) system across all projects. This includes daily reporting, tracking of progress, and the implementation of handover protocols to ensure smooth transitions between project phases. By maintaining rigorous oversight and control, we ensure that each project milestone is met with the highest standards of quality. This system helps us maintain consistent results, reduce errors, and meet the expectations of our clients at every stage of the project.

ISO certifications

Greenbuddies companies are certified in ISO 9001, 14001, and 45001, demonstrating our commitment to maintaining the highest industry standards in quality, environmental management, and health, safety, and environmental (HSE) practices.

ISO 9001 – Quality Management System

Greenbuddies is ISO 9001:2015 certified for its quality management system. Our internal manual has been developed in line with international industry standards, ensuring consistent quality across all our projects. These principles are communicated to every employee through theoretical and practical training, ensuring alignment with the highest standards of performance.

ISO 14001 – Environmental Management System

Greenbuddies is ISO 14001 certified, showcasing our commitment to comprehensive environmental management. We adhere to international standards to prevent pollution, comply with legal requirements, and continuously improve our environmental practices. This proactive approach helps conserve resources and supports our long-term sustainability goals.

ISO 45001 – Health, Safety, and Environmental (HSE) Management System

Greenbuddies holds ISO 45001 certification for its HSE management system. We ensure that all activities on the customer's site are conducted in a manner that minimizes risks to the health and safety of individuals and the environment. This is achieved by working closely with expert HSE consultants, ensuring the highest levels of safety and compliance.

Compliance with EU Laws

Greenbuddies is fully compliant with EU laws, ensuring all operational processes and worker practices adhere to the legal standards across Europe.

Social Security

All team members hold an A1 certificate, confirming that Czech social security legislation applies to them. This ensures compliance with EU regulations regarding social security contributions across borders.

Insurance

Greenbuddies and its suppliers are covered by a third-party liability insurance policy, which applies in the event of damage caused to the client or any third party. This insurance ensures that all parties involved are adequately protected.

Minimum Wage

The laws of certain target EU countries require workers to earn a minimum legal wage. In such cases, we ensure compliance by declaring the wages paid to employees and providing proof of meeting the legal requirements.

Taxation

When required by law, Greenbuddies handles VAT registration in the target country. This process is always coordinated with the client or partner, ensuring compliance with local tax laws and regulations.

Special Requirements

Some countries require special certificates and licenses, such as the VCA certificate in the Netherlands. Greenbuddies can obtain these certifications as needed, ensuring compliance with local industry-specific requirements, including collective bargaining agreements where applicable.

Health & Safety

Health, Safety & Environment (HSE)

At Greenbuddies, Health, Safety & Environment is not a formality – it is an integral part of how we design, plan, and execute every project.

All standard company documentation is available for review, and our HSE framework is fully compliant with Czech and European Union legislation concerning occupational health, workplace safety, and fire protection.

HSE is embedded in every stage of project delivery, from early planning to on-site execution and commissioning. Our program is supervised by a qualified external HSE expert and supported by internal HSE managers as well as trained site personnel who ensure consistent implementation across all projects.

Core Safety Principles

We apply a structured and preventive approach to risk management:

- Systematic risk identification and mitigation through a formal Risk Register & Action Plan
- Regular HSE inspections and annual safety reviews across all sites
- Transparent incident tracking, investigation, and corrective actions
- Mandatory First Aid readiness, proper use of Personal Protective Equipment (PPE), and strict fire protection measures
- Zero-tolerance policy for alcohol, drugs, and unsafe behaviour on site

Training & Supervision

Safety starts with people. All employees and subcontractors undergo:

- Initial and periodic refresher Occupational Safety and Health (OSH) training
- Site-specific onboarding including local HSE regulations
- Task-specific training (e.g., electrical safety, work at height, machinery operation)

Safety on the Ground

Our safety standards are visible and actively enforced at every project location:

- Clearly marked evacuation routes and designated muster points
- Daily toolbox talks and HSE briefings before work activities
- Continuous supervision and control by appointed HSE personnel on site

Through proactive risk management, continuous training, and strict compliance standards, Greenbuddies ensures safe working conditions while delivering technically demanding renewable energy and battery storage projects across Europe.

Freefields

Modlany
Czech Republic

Project Modlany is located in the municipality of Modlany near Teplice, Czech Republic.

The project represents one of the largest photovoltaic power plant with battery storage currently under construction in the country. Built on a former mining spoil heap, the solar park gives new purpose to a brownfield site.

This system is also supplied with 42 MWh BESS, and not only generates clean electricity but also provides grid balancing services, supporting the stability of the Czech distribution network.

As the EPC contractor, Greenbuddies is responsible for the complete execution of the project, including detailed engineering, delivery of technology, construction.

42 MWp

Client

Katemo Group
Czech investment group focused on large-scale energy projects and sustainable infrastructure.

Financing Partner
Česká spořitelna - Erste Bank

Freefield PV plant

Mounting system
Bragen

Inverters
Huawei

PV Modules
RISEN 710 Wp

Time schedule

Contract signing
25. 6 2024

Start of the work
Q4 2024

Planned end of work
Q2 2026

1

Kristalpark
Belgium

71 MWp
230 174 modules
1 420 km of DC cables
350 inverters

2

Molenwaard
Netherlands

33 MWp
102 056 modules
660 km of DC cables
160 inverters

4

Badia Polesine
Italy

25 MWp
44 691 PV modules
450 km of DC cables
105 inverters

3

Gundelsheim
Germany

30 MWp
104 000 PV Modules

1

Liberec
Czech Republic

1.7 MWp
3 724 PV modules
10 km of DC cables
12 inverters

4

Estinnes
Belgium

11.8 MWp
19 228 PV Modules
70 km DC cables
central inverters

2

Rickertsreute
Germany

12 MWp
22 068 PV modules
85 km of DC cables
45 inverters

3

Rosental an der Kainach
Austria

4.5 MWp
8 128 PV modules
64 km of DC cables
39 inverters

1

Hova
Sweden

5.6 MWp
8 680 modules
60 km of DC cables
16 inverters

Tracker construction on permanent grassland.

2

Gaiselberg
Austria

0.92 MWp
2 560 PV Modules
13 km DC cables
7 inverters

Agrivoltaic construction over vineyard.

3

Oberdorf am Lech
Germany

16.7 MWp
27 012 PV Modules
100 km DC cables
40 inverters

Tracker construction - largest agrivoltaic power plant of its kind in Germany.

4

Uggowitz
Austria

1.75 MWp
4 764 PV Modules
30 km DC cables
7 inverters

Agrivoltaic construction over Blueberry field.

Floating PV installation

Germany's first tracked floating photovoltaic system in Hoym has been connected to the grid, transforming a former mining pit into a hub for clean energy. The 1.6 MWp plant spans 7 655 square meters and features advanced vertical sun-axis tracking technology to boost energy efficiency.

Greenbuddies oversaw this installation for our client, Floating Solar BV, and the project developer JM ProjektInvest. The installation generates 2.2 GWh annually, enough to power nearly 700 households. This innovative project not only advances renewable energy but also promotes sustainable land use by repurposing brownfield sites for clean energy production.

Hoym
Germany

1.6 MWp
3 920 PV Modules
15 inverters

Delivery: installation of mounting system, photovoltaic modules and electrical installation of DC and AC cables.

Repowering

Enhancing PV plant performance

Aged components, significant technological leaps, or previous poor execution practices result in a situation where the plant does not meet the expected requirements anymore. This is where the repowering process comes in and as a solution to upgrade and meet the expected requirements.

Our approach begins with a thorough project analysis, followed by recommendations aimed at enhancing the solar plant's power output through comprehensive maintenance and technological upgrades. Our priority is to address these challenges promptly, minimizing any potential financial losses.

Revamping

Revamping is a distinct approach within repowering efforts, where the installed capacity of a solar power plant remains unchanged, but the performance of the PV system is maximized. This improvement is achieved by replacing fixed PV structures with dynamic trackers, which continually adjust the angle of PV panels to align with the sun's trajectory throughout the day.

These adjustments significantly enhance the panels' exposure to sunlight, thereby improving energy capture and, consequently, the solar plant's overall efficiency. Opting for tracker systems represents a strategic shift aimed at leveraging the full potential of existing solar installations, maximizing energy production without increasing the installed capacity.

Site assessment & Planning

Condition check of existing plant

Technical evaluation

Repowering design & permits

Dismantling of old components

Safe removal of obsolete panels & inverters

Recycling & disposal management

Preparation of site for new installation

Installation of new components

Mounting structures & PV modules

Upgraded inverters, cabling, and BOS (balance of system)

Integration with monitoring systems

Electrical & Mechanical works

Wiring & grid connection

Testing of grounding & safety systems

Structural reinforcements if needed

Commissioning & Handover

Performance testing & validation

Grid synchronization

Final documentation & client training

1

Termoli
Italy

6x 1 MWp

Delivery: Dismantling of fixed PV system and installation of tracker system and photovoltaic modules, DC cabling, string tests.

2

2

Schependorf
Germany

12 MWp

Delivery: Dismantling of 300 15-kW inverters, assembly of 52 110-kW Sungrow inverters, stringing.

3

Gotha
Germany

11.7 MWp

Delivery: Dismantling of old modules, mounting of 21 592 PV modules, stringing.

4

Büttel
Germany

19.6 MWp

Delivery: Deinstallation of 87 100 modules, installation of 27 500 new modules, inverters, stringing.

4

Battery Storage

Radvanice
Czech Republic

Project Radvanice is located near Trutnov in the Hradec Králové Region, Czech Republic.

The project represents a fully operational battery energy storage system (BESS), integrated alongside a 7 MWp photovoltaic plant. The storage system alone is capable of covering the average daily electricity consumption of approximately 2,200 Czech households.

Greenbuddies acted as the EPC contractor, delivering the battery project on a turnkey basis – from detailed engineering and integration design to construction, installation and commissioning.

12 MWh

Client

Bona Venture Partners
Private investment group focused on renewable energy and infrastructure projects.

Battery Storage System

Technology
Lithium Iron Phosphate ($LiFePO_4$)

Total Capacity
12.1 MWh

Discharge Capability
Minimum 2-hour full power operation

Time schedule

Contract signing
14. 2. 2025

Start of the work
24. 3. 2025

Planned commissioning
Q1/2026

1

Rickertsreute
Germany

12 MWh

For our partner, BESS manufaturer Tricera, we have delivered the completion of a large capacity battery system on the site of a ground mounted PV installation.

2

Weichenried
Germany

For our partner, BESS manufaturer Tricera, we have delivered the completion of a large capacity battery system on the site of a ground mounted PV installation.

3

Modlany
Czech Republic

42 MWh

Full-scope EPC delivery.

4

Bernburg
Germany

30 MWh

BoP delivery in progress, incl. executive design, MV station, full material scope (excl. batteries) and construction. Currently under construction.

Roofs

Prague Congress Center Czech Republic

The photovoltaic installation at the Prague Congress Centre was delivered as a complete EPC project.

Greenbuddies provided full scope services including pre-construction permitting and engineering, supply of all components, installation of the mounting system and PV modules, and complete electrical works covering DC and AC cabling as well as inverter installation. The project also included commissioning and all post-installation documentation, ensuring full operational readiness and compliance.

1 MWp

Client

ČEZ ESCO - a company providing energy services, solutions for the production and distribution of energy from renewable sources and energy services for corporate and public customers. The end customer is the Prague Congress Centre.

Rooftop PV

Mounting System
Aerocompact

Inverters
SolarEdge SE100K

PV Modules
Ureco - URE Peach

Time schedule

Start of work
10. 10. 2022

Completion of the DC connection
3. 3. 2023

Commissioning
15. 08. 2023

1

Wijchen
Netherlands

4.35 MWp
10 632 modules
85 km of DC cables
25 inverters

2

Enns
Austria

2.95 MWp
6 766 PV Modules
40 km DC cables
12 inverters

3

Chrášťany
Czech Republic

0.9 MWp
1 996 PV modules
7 km of DC cables
7 inverters

4

Budapest
Hungary

7 MWp – 5 roofs
17 285 modules
170 km DC cables
60 inverters

4

1

Lannach
Austria

4 MWp
9 343 PV modules
40 km of DC cables
29 inverters

2

Heerlen
Netherlands

5.03 MWp
11 436 PV modules
122 km of DC cables
23 inverters

4

3

Bålsta
Sweden

8.9 MWp
16 554 PV modules
200 km of DC cables
62 inverters

4

Tilburg
Netherlands

2.75 MWp
6 523 PV modules
32 km of DC cables
20 inverters

Carports

Lutzmannsburg Austria

Our team provided a complete retrofit of the car park, the 18 500 m² parking lot now has 10× 22 kW EV chargers and 454 parking spaces with carports. Our team has also designed a special solution for the drainage system. This is the third biggest carport in Austria.

1.5 MWp

Client

The Sonnentherme Lutzmannsburg is one of Europe's leading spa resorts in Burgenland.

Carport

Inverters
Huawei

Modules
HT SAEE

EV Chargers
Circontrol

Time schedule

Start of work
March 2021

Completion of DC connection
December 2021

1

Prague
Czech Republic

Complete EPC delivery of new solar carport at the Coca-Cola headquarters in Prague, including construction preparation and engineering, supply of components, electrical installation of DC and AC cables and inverters.

2

Lannach
Austria

3.3 MWp

Complete EPC delivery of new 3.3 MWp solar carport, including construction preparation and engineering, supply of components, electrical installation of DC and AC cables and inverters.

3

Ilz
Austria

1.3 MWp

Complete EPC delivery of new 1.328 MWp solar carport, including construction preparation and engineering, supply of components, electrical installation of DC and AC cables and inverters.

4

Kortrijk
Belgium

1 MWp

Construction of a new 1 MWp carport in Belgium, consisting of 1 488 PV modules and 8 inverters. Built in cooperation with a Belgian solar company, our long-time partner Ministry of Solar.

Management Team

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We are members of

AFI Sdružení pro zahraniční investice

AKU-BAT CZ Association for Energy Storage

AHK Deutsch-Tschechische Industrie- und Handelskammer Česko-německá obchodní a průmyslová komora

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03/2026

Big Solar.
Big Batteries.

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