

CONSTRUCTION AND MAINTENANCE OF PV POWER PLANTS AND CHARGING STATIONS

The whole park. One call.

Installation of PV systems and charging stations • Service and maintenance
Electrical installations • Battery storage • Vegetation management

Christabel s.r.o. • SMAUT Technology s.r.o. | members of DECONEL Invest group

WHO WE ARE

The group that builds, maintains and cares for PV parks.

Christabel s.r.o. and SMAUT Technology s.r.o. are part of the DECONEL Invest Holding, with a focus on the photovoltaic sector and charging infrastructure. **We build, maintain and care for PV parks, battery storage systems and charging stations, including the Tesla Supercharger network.** We develop our own autonomous vegetation-care technologies in-house.

1.9 GWp+

installed capacity

150+

completed PV installations

320+

PV systems under maintenance

17 years

of experience in PV construction

400 MWp

of projects in planning or under construction

48 h

Service response time



OUR SERVICES

One partner for the entire lifecycle of your PV system.

One point of contact instead of four service providers – from construction to every mowing pass.



Installation of PV systems and charging stations

Turnkey construction – PV systems and charging infrastructure, from pile driving to grid connection.



Service and maintenance

Regular inspections, repairs and fault clearance with a response time of up to 48 hours.



Mowing and vegetation management

7,500 ha per year with our own equipment, including certified autonomous mowers.



Repowering and battery storage

Modernization of older PV parks and installation of battery storage to increase yield.



+420 604 784 344 — From the initial site visit to a year-round care plan.

PROFESSIONAL TEAM

230+ in-house employees on-site.

250 MWp+

built every year – five years running

17 years

of experience building PV systems

Site managers, electricians, installers of mounting systems, pile-driving crews, fencing, fiber-optic cable installation – our own people, all under one roof.



Scheduling independent of third parties.



CERTIFICATION



CONSTRUCTION

From a green field to a grid-connected PV system.

- ✓ Pile driving
- ✓ Assembly of the mounting structure and PV modules.
- ✓ AC/DC cabling – laying and testing
- ✓ Connection of transformer stations and inverters.
- ✓ Earthworks
- ✓ Installation of fencing
- ✓ Fiber-optic networks
- ✓ Battery storage
- ✓ Repowering
- ✓ Service and maintenance after handover



One team, one schedule.

400 MWp of projects are currently under construction.

Turnkey charging infrastructure.

From site preparation through grid connection to service. For global networks as well as corporate sites.



Tesla Supercharger

Construction and operation of the Tesla Supercharger network stations — complete assembly and electrical works.



Iionity

Construction of high-power charging hubs for the IONITY network.



Commercial and industrial sites

Smaller charging stations for vehicle fleets, employees and customers – from planning through installation and connection to service.

We apply the same team and the same standards to smaller installations as well.

REFERENCES

1.9 GWp+ installed capacity.

Selected projects from 2024 to 2026 · Germany, Czech Republic

PVA Neuhardenberg	110 MWp	PVA Siedenbollentin	96.6 MWp	PVA Egenburger Hof	94.9 MWp
PVA Brahlstorf	54.7 MWp	PVA Oster Schnatebüll	50.8 MWp	PVA Elskop	43.1 MWp
PVA Briedel	38.0 MWp	PVA Frankfurt (Oder) 2	34.2 MWp	PVA Dolní Litvínov - ČEZ (CZ)	18.7 MWp



VEGETATION MANAGEMENT

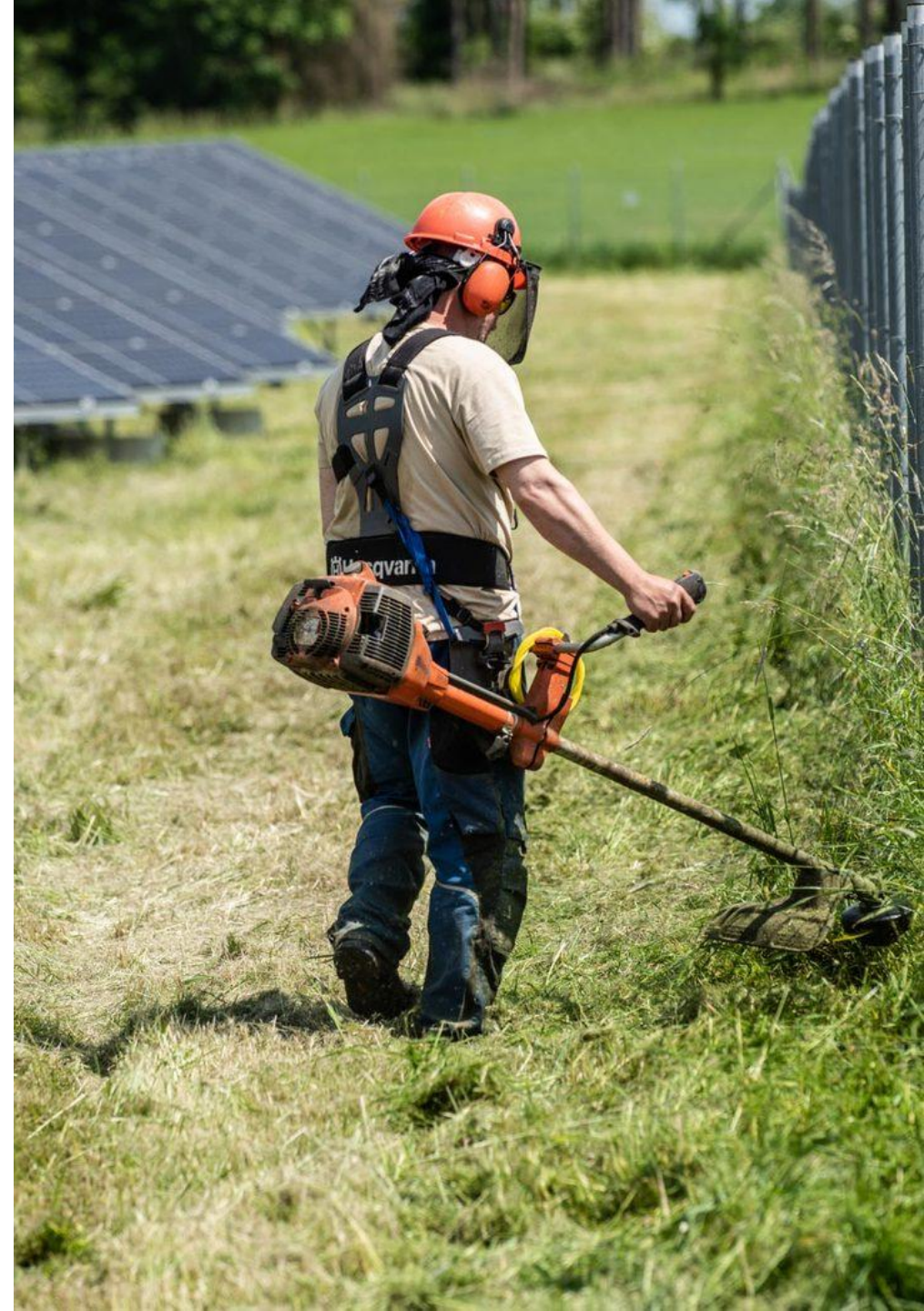
Mowing that protects your PV system.

- ✓ Entire park area – under modules, between rows
- ✓ Around inverters and transformer stations.
- ✓ Along fences, including 1 m outside the site boundary.
- ✓ Protection against shading and hotspots. We minimize fire risk.
- ✓ Reports including a complete visual inspection of the entire PV system.

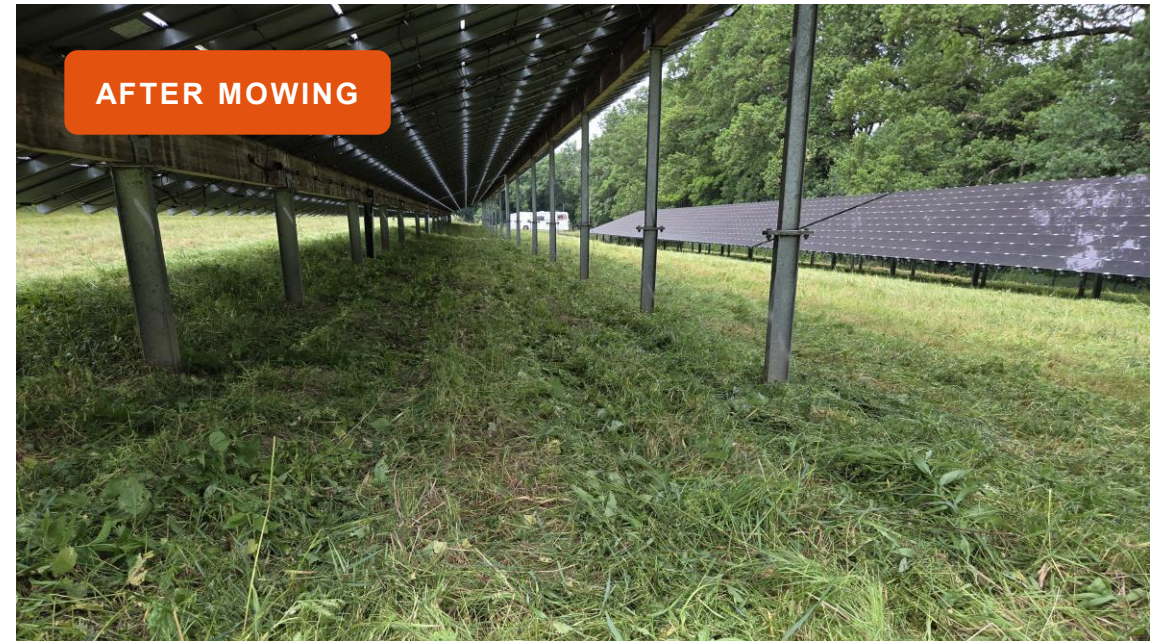


Tailored year-round care plan.

By default, two mowing passes per year – tailored to the requirements of each PV system. One partner, fast and efficient communication. Equipment from Canycom, Mitsubishi, Spider Autonomous 2.0 and Husqvarna.



Before, after: every mowing pass – fully documented.



We photograph and document every mowing pass. After every visit you receive a report with photo documentation – including notification of any irregularities or damage found on site (to modules, cabling and fences).

7,500 ha of maintained area per year · 50 seasonal staff · own equipment including autonomous mowers

We develop our autonomous mowing technology ourselves.



Certified autonomous mower

Spider Autonomous 2.0 — a certified machine in commercial use – autonomous, with no operator on board.



Satellite and inertial navigation

Precise autonomous control as well as secure remote control – independent of LTE.



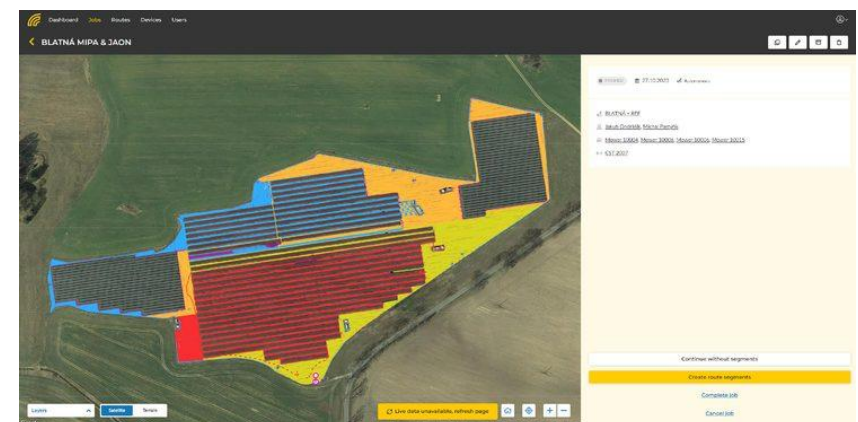
Cloud platform for fleet and operations management

Route planning, documentation on map data, telemetry and remote diagnostics.



Large-scale production experience

Team with experience developing and operating over 90,000+ control and communication hardware units.



QUALIFICATION PROFILE

Certified Partner

GROUP STRUCTURE

DECONEL Invest group

Christabel s.r.o. (SK)

Construction and service of PV systems and charging stations

SMAUT Technology s.r.o. (CZ)

Autonomous technologies and cloud platform

VAT registration in CZ, SK and DE – we operate in three markets.

READY FOR HANDOVER

- ✓ Certificates ISO 9001 · 14001 · 27001 · 45001 EN 1090-1 · 1090-2
- ✓ Certificates EN 1090-1 · 1090-2
- ✓ Occupational safety metrics and safety management system
- ✓ Professional authorization for reserved electrical installations (CZ)
- ✓ References and contacts for verification
- ✓ Occupational safety statistics and safety management system

THE WHOLE PARK — ONE CALL

It starts with one call.

+420 604 784 344



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We look forward to working with you.