



COMPANY PRESENTATION

estab. 2011

WALDEVAR

WE BUILD THE ENERGY OF THE FUTURE

ABOUT US

Providing **EPC** (Engineering Procurement and Construction) solutions for ground-mounted and floating photovoltaic parks. With over a decade of experience in the renewable energy market, WALDEVAR Energy operates both **domestically and across Europe**. The company has commissioned numerous active PV parks and is able to independently develop complete PV power system architecture: technical, feasibility or design studies, specific yield and performance ratio reports, engineering operations, grid connection of PV plants.

The company also has professional specialists available at any time to perform complex Pull-Out tests, civil construction works, installation of fixed structures and tracking systems. Furthermore, by providing Operation & Maintenance services, we offer our clients benefits on multiple levels: substantial increase in revenue, increased efficiency of energy delivery, extended system lifetime and environmental sustainability.

**The Universe is ENERGY.
We help you to plug in to it.**

WALDEVAR PEOPLE



Cristian Dragomir
CEO



Christian Leonte
Business
Development



Daniel Dragan
Head of Design



Nicu
Constantin
COO



Irina Tudor
Financial
Manager



Razvan Sut
Head of
Marketing

At WALDEVAR Energy we're powering progress. With renewable energy solutions and a team of over **850 professionals**, we're driving change for a brighter tomorrow. Together we are building the energy of the future.



WHERE WE ARE let's get in **contact**



WALDEVAR Energy RO

Bd. Pipera 1B Cubic Center
Ilfov-Bucharest, Romania 077191
+40 (31) 333 33 33
office@waldevar.com



WALDEVAR Energy AT

Himberg bei Wien, Austria A-2325
Alten Markt 34 +43
(0)664 135 65 95
austria@waldevar.com



WALDEVAR Energy US

Las Vegas, Nevada 11506
Belmont Lake Dr.
+17027673030
usa@waldevar.com



WALDEVAR Energy TU

Tunis, Tunisie
Rue du Lac Victoria-Lac 1
+21698646011
tunis@waldevar.com



WALDEVAR Energy ES

Madrid, Spain Comming soon
+40 (31) 333 33 33
spain@waldevar.com



WALDEVAR Energy PT

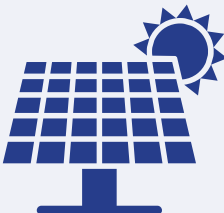
Lisbon, Portugal Comming soon
+40 (31) 333 33 33
portugal@waldevar.com



WHAT WE DO

Our services cover the entire lifecycle of PVPP.

Procurement



We procure all the elements for a feasible PV park, also covering the selection of suppliers, inspections and tests to qualify the materials to be used in the construction and strict budget control.

Project Development



From preliminary technical studies to financial analysis or assessment of feasible network connection points and cable routes, we cover all phases of project development.



Construction



From site preparation, pile driving and pole drilling, installation of tables, trackers and panels, laying underground cables and grid interconnections, we provide all construction operations for our clients.

Operations & Maintenance



We provide a full range of O&M services, including preventive & corrective maintenance using high quality technologies and specialized professionals.

From idea to delivery, with one company - **EPC**

Engineering

- Basic, detailed & As-Build design
- Yield analysis
- Grid Interconnection design
- MV&HV Substation design
- SCADA, PPC design and grid ALO - Automation, Operational, Limitation

Procurement

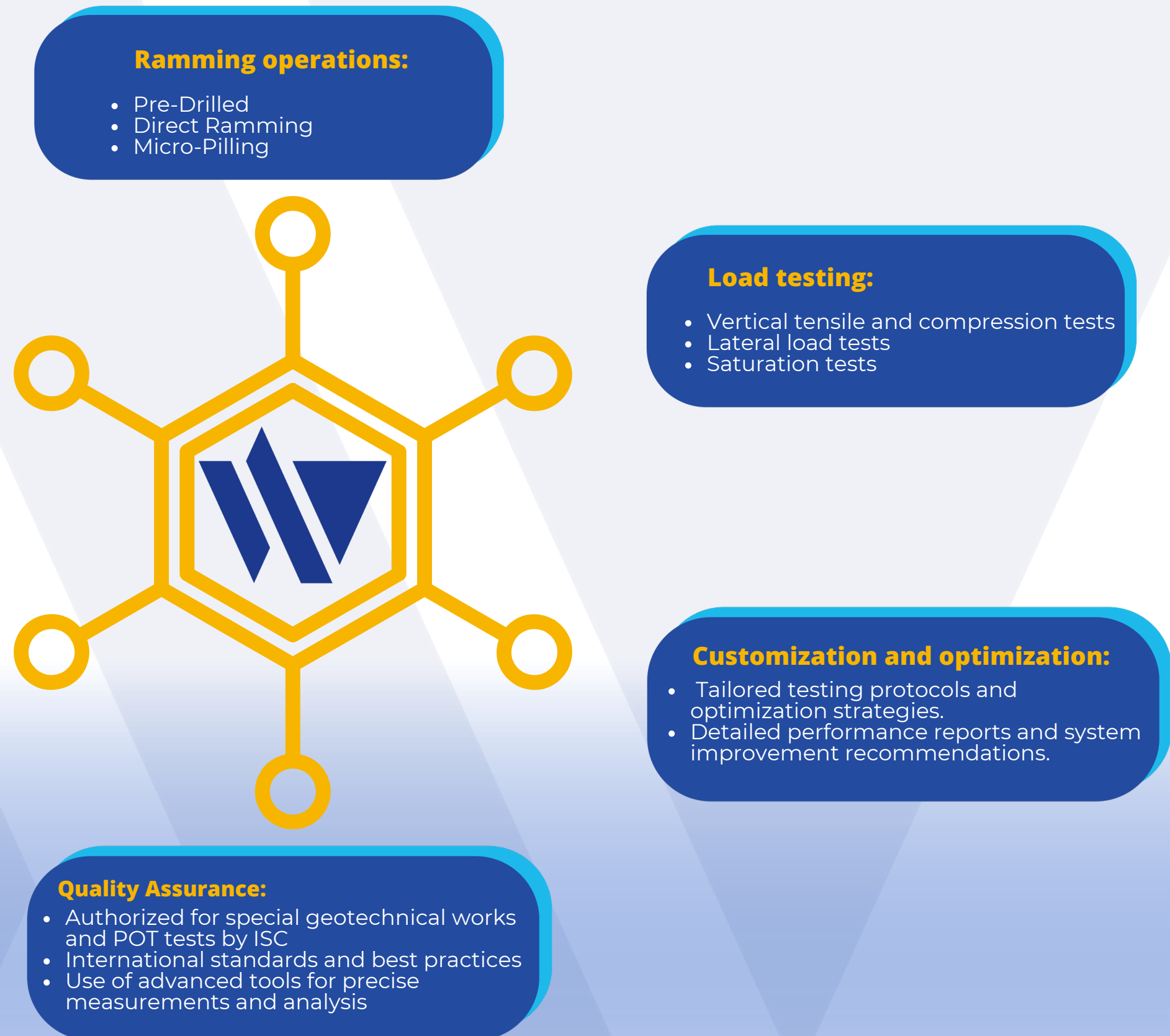
- Suppliers evaluation & selection
- Price analysis
- Supply chain logistics
- Quality control & assurance
- Budget control & reporting
- Time-cost optimization

Construction

- Site preparation
- Civil infrastructure
- Site supervision
- Installation, testing & commissioning
- Grid interconnections
- Perimeter fencing and security



Pullout Tests Services - POT



Ramming operations:

- Pre-Drilled
- Direct Ramming
- Micro-Pilling

Field Evaluation:

- Comprehensive geotechnical surveys
- Customized campaigns tailored to soil characteristics

Continuous Monitoring:

- Real-time tracking of driving times, loads, and displacements
- Accurate data collection for informed decision-making.

Quality Assurance:

- Authorized for special geotechnical works and POT tests by ISC
- International standards and best practices
- Use of advanced tools for precise measurements and analysis

Load testing:

- Vertical tensile and compression tests
- Lateral load tests
- Saturation tests

Customization and optimization:

- Tailored testing protocols and optimization strategies.
- Detailed performance reports and system improvement recommendations.

Operations and Maintenance - O&M

WALDEVAR Energy will monitor the plant and its related substation 24/7 through dedicated O&M SCADA application.

O&M services

- 24/7 monitoring and on-call interventions
- Fault detection & alarm management
- Preventive maintenance
- Corrective maintenance
- Warranty enforcement
- Spare parts stock management
- Thermographic diagnostic surveying (Drone-Handheld)
- HV, MV, LV Operation & Maintenance

- In-depth assessment of equipment and capabilities for optimal operation
- Scheduled & unscheduled corrective inspection and maintenance
- Professional module cleaning & vegetation trimming
- Perimeter fencing, security & surveillance
- Forecast potential malfunctions or plant weaknesses and propose corrective measures
- Monthly and annually reporting

The PVPP and its components are designed to last +25 years, following best practices regulation in place, risk management, asset management, monitoring, inspection, data analytics, maintenance and optimization.

Floating Photovoltaic - FPV Systems

WALDEVAR Energy is building the largest European factory for floating solar park systems.

WALDEVAR Energy is also proud to be a pioneer in the production of renewable energy equipment, offering floating systems for the Romanian and European market in its own dedicated factory.

Quality, reliability, competitive costs for any beneficiary who wants to install **FPV systems** targeting the next step in efficient green energy production - placing photovoltaic panels on the water in a sustainable and environmentally friendly approach.

- High Energy Efficiency
- Optimized Land Use
- Protection of Aquatic Environment
- Quick Installation and easy maintenance
- Savings on Connection Costs

- Next generation solar technology solution
- Easy assembly
- Scalability
- Reduced Water Evaporation
- Algae Growth Control



MV & HV EPC main references

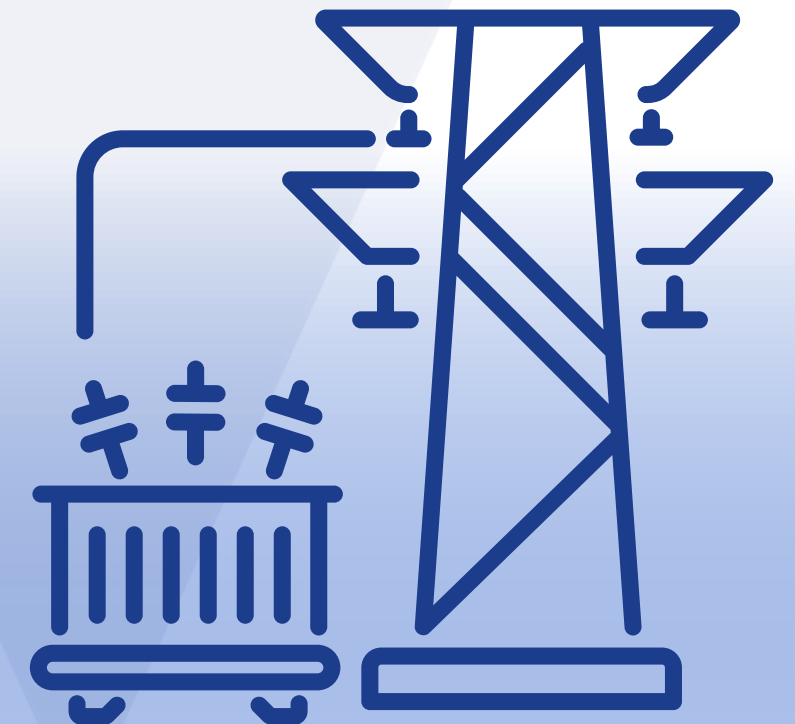
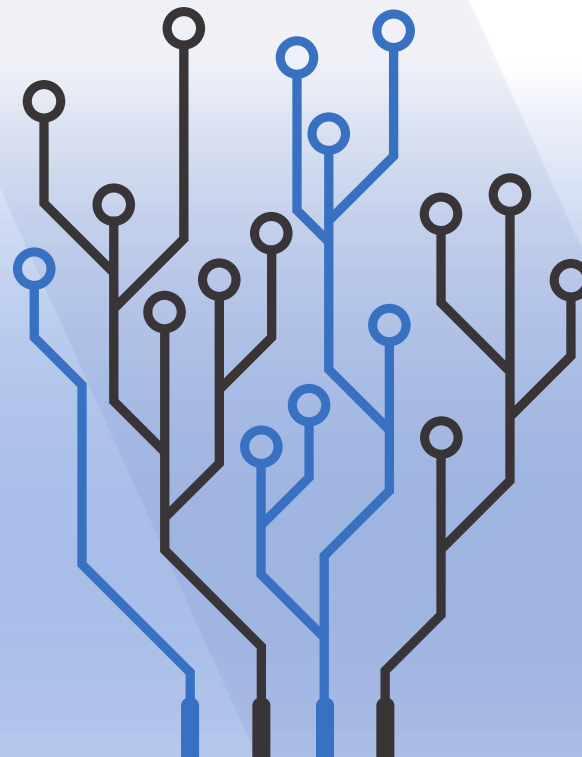
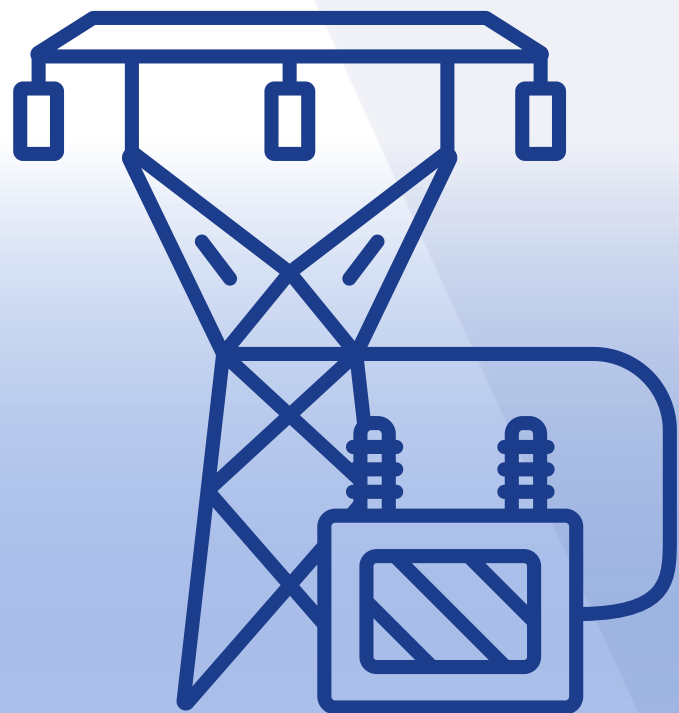
▶ 34.7 MWp Ileana 2 – 110 kV
Interconnection Substation

▶ 34.7 MWp Ileana 2 – 110/30kV
Transformer Substation

▶ 7.3 MWp Green Solar Power PV
Plant – 20kV TS and UGL

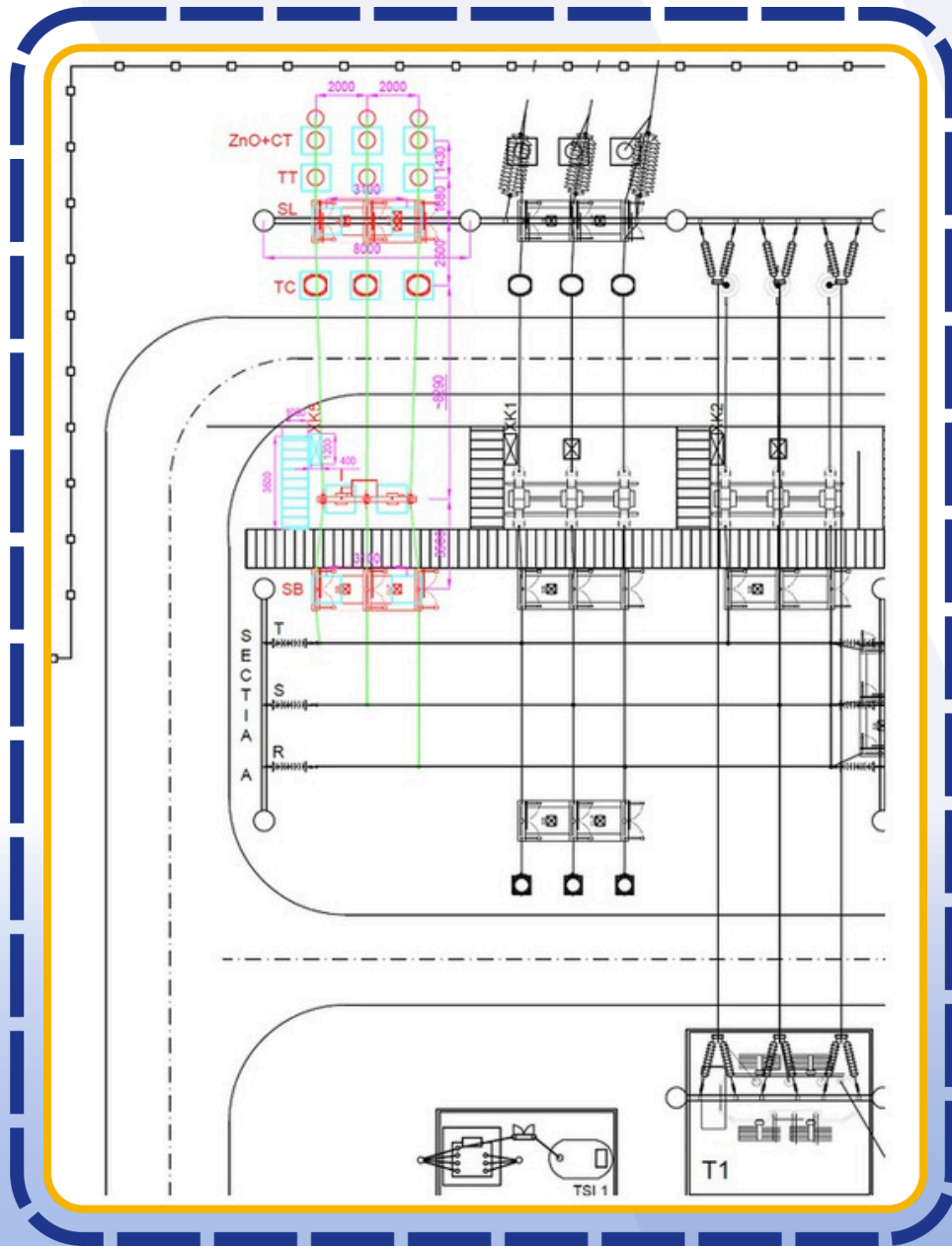
▶ 21,4 MWp Photovoltaic Prod &
Distribution PV Plant & Power
Regenerable Energy PV Plant
– 20kV TS and UGL

▶ 22.3 MWp Alfa Green Energy
PV Plant & Viable Energy PV
Plant – 20kV TS and UGL

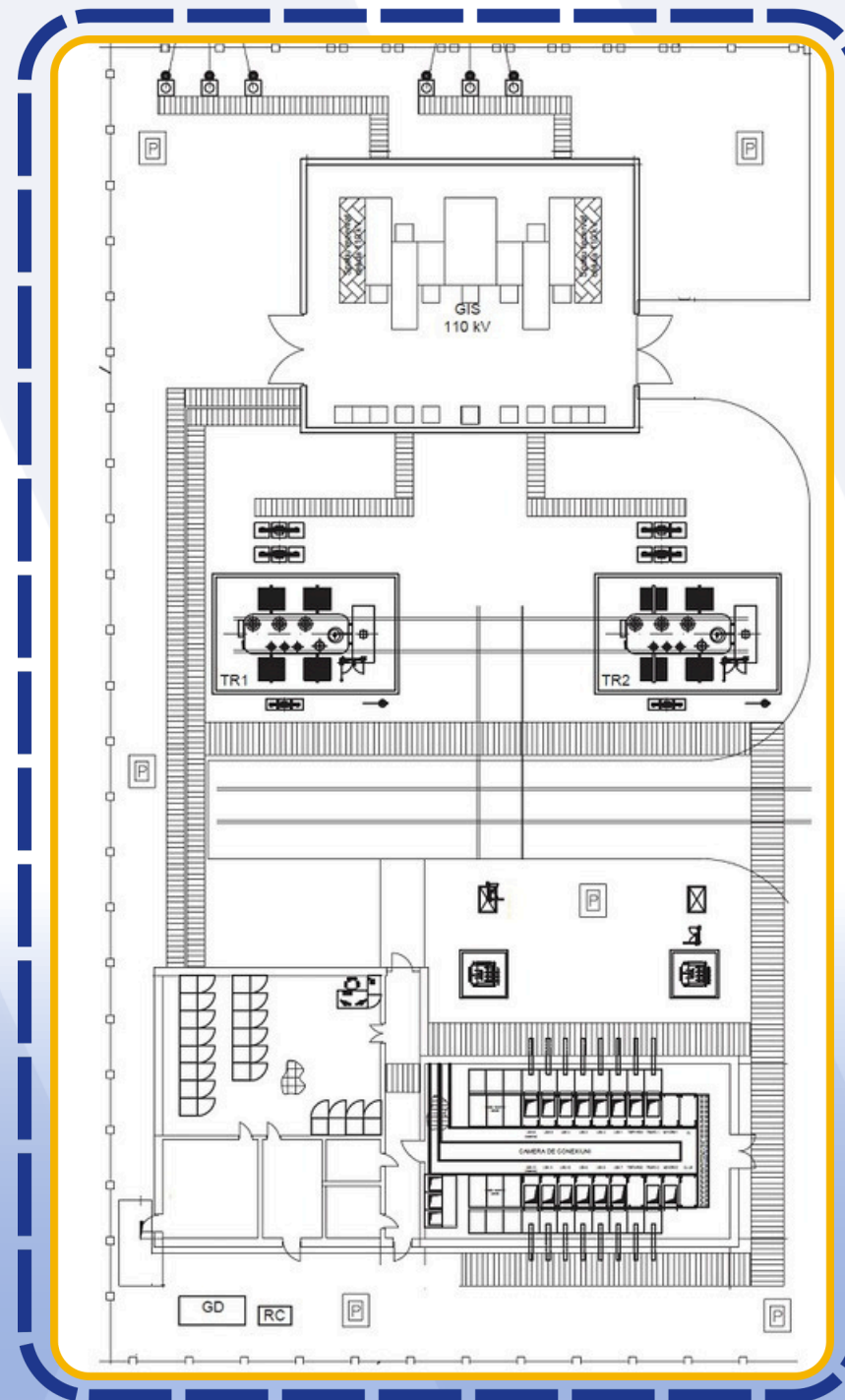


Examples of HV substation design:

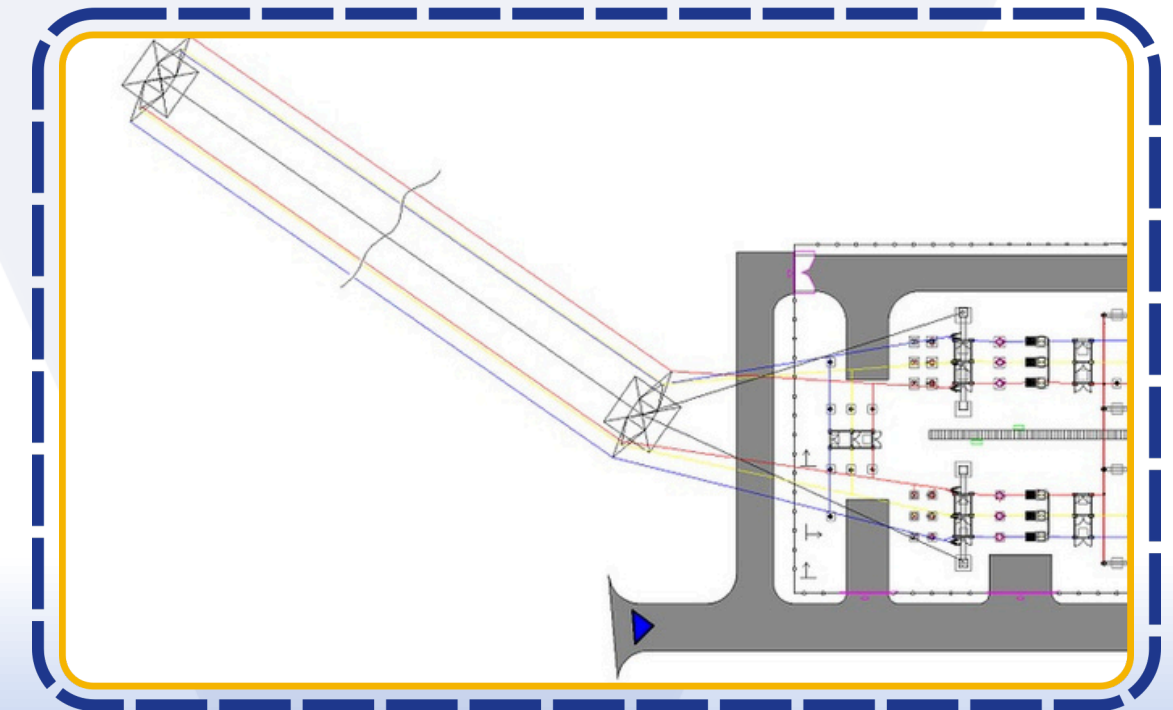
CONNECTION TO EXISTING
110 / 30 KV SUBSTATION



110 / 30KV SUBSTATION



110 KV INTERCONNECTION
SUBSTATION WITH IN/OUT
CONNECTION TO 110KV
TRANSMISSION LINE AND
110KV / 30 KV
BENEFICIARY SUBSTATION



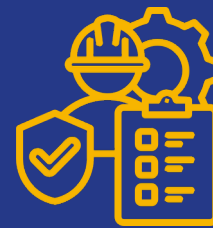
We value people and ensure their safety and security

At WALDEVAR Energy, we firmly believe that our organization's sustainable growth is intrinsically tied to our steadfast commitment to health, safety, and environmental excellence.

Our top priority is ensuring the well-being and safety of every individual associated with us, either employees, contractors or partners.



We organize training courses and periodical tests to evaluate and monitor personnel performance



Workplace safety officers ensure compliance and take preventive action when necessary. Emergency preparedness and scenario-based interventions are organized regularly



Open reporting culture, lessons learned and work security technological developments are our company objectives and values

WALDEVAR Energy expertise

OUR NUMBERS SPEAK FOR THEMSELVES

MIDDLE MANAGEMENT & LOGISTICS

73⁺



PROJECT MANAGERS

43⁺



WORKFORCE

850⁺



70.589.000 kwh



ACTIVE OFFICES IN EUROPE

5



ONGOING SITES

13⁺



EQUIVALENT OF PLANTING

27⁺

MIL. TREES



**data valid on Q3 2024*

**BUILDING
CAPABILITY**
2.5 MWp/day

**RAMMING
MACHINES**
65+

**SPECIALIZED
MACHINERY**
80+

706
MWp+
CONTRACTED

**DRILLED
UNDERCROSSING**
25+

WORLDWIDE

WALDEVAR Energy equipment



WLD 600 6,6m
Agrovoltaic



WLD 300-F
1200 JOULE



WLD 700
Special Operations



Crawler Skid Steer
Loader WLD7-TV12



Backhoe Loader
WLD870HK



Telescopic Handler
WLD6-3007K



Telescopic Handler
WLD6-3514K



HELI Electric Forklift
CPD15



Excavator XE75GA



Telescopic Handler
WLD6-3007K



Horizontal directional
drilling rig XZ360E

WALDEVAR Energy expertise



- ▶ Extensive technical expertise & top specialists in design and execution
- ▶ Exceptional Human resources with high level of training
- ▶ Exclusive distributor for S-E Europe for Tier 1 PV Brands
- ▶ Exclusive distributor for S-E Europe for HW Drilling Company
- ▶ NO Projects Delays – immediate equipment replacement capability
- ▶ Prompt technical support & quality assurance
- ▶ The largest fleet of ramming machines in Europe



The company holds **ANRE** certifications **E1 & E2, D1, D2, A3**, enabling it to perform work in low, medium, and high voltage networks.

Reference list of over 10 MWp projects

INSTALED POWER	END USER	CLIENT	LOCATION	SCOP OF WORK	STRUCTURE	STATUS	YEAR
130 MWp	Solar Revolution	Metka EGN ROM	Călugăreni, GIURGIU	BoS	traker	work in progress	2024
80 MWp	Metka EGN ROM	Metka EGN ROM	Moșteni 4, TELEORMAN	BoS	traker	work in progress	2024
73 MWp	Shikun & Binui Energy Satu Mare	CJR Luso Energie	Satu Mare, SATU MARE	BoS	fixed	completed	2024
63 MWp	Enel Green Power	Metka EGN Mytilineos	Călugăreni, GIURGIU	BoS	traker	work in progress	2024
63 MWp	Metka EGN ROM	Metka EGN ROM	Mihăilești, GIURGIU	BoS	traker	work in progress	2024
45 MWp	Natur Strom	Arausol – Arau Technik GmbH	Petershagen/DEUTSCHLAND	BoS	fixed	work in progress	2024
23 MWp	EDPR	Sunnerg Renewable Service	Albina, TIMIȘ	BoS	traker	work in progress	2024
22,37 MWp	INVL	INVL	Iancu Jianu, OLT	EPC	fixed	completed	2023
21,21 MWp	INVL	INVL	Filiași, DOLJ	EPC	fixed	completed	2023
13.94 MWp	Hermes Solar / Romstal	Hermes Solar / Romstal	Topoloveni, ARGEȘ	EPC	traker	completed	2024
12,67 MWp	Alerion Clean Power	Sunnerg Renewable Service	Alexandria, TELEORMAN	BoS	traker	completed	2023
11,99 MWp	Alter Man	Baba Ana Solar Green Energy	Baba Ana, PRAHOVA	BoS	fixed	completed	2023
11,20 MWp	Alter Man	Ela Energy	Bălțești, PRAHOVA	BoS	fixed	completed	2023
10,76 MWp	Alerion Clean Power	Sunnerg Renewable Service	Roata de Jos, DOLJ	BoS	fixed	completed	2023
1 MWp > 9,90 MWp	+ 23 projects		Europe wide	multiple		completed or work in progress	2021 > present

*data valid on Q3 2024

METKA EGN ROM
CALUGARENI KINISI 130 MWP
SOLTEC TRAKER 2P - FEB 2024



CJR LUSO ENERGIE
SATU MARE 73 MWP
FIXED STRUCTURE - FEB 2024



METKA EGN MYTILINEOS
CALUGARENI 63 MWP PVH
TRAKER APR 2022 - APR 2023



INVL - IANCU JIANU, FILIASI,
BOBICESTI, MIRIA 51 MWP
CORAB FIX 2P - FEB 2024



ALERION CLEAN POWER - ROATA
21 MWP CONVERT SINGLE-AXIS
TRACKER AUG 2022 - DEC 2022



HERMES SOLAR - TOPOLOVENI
14 MWP PVH TRAKER AXONE 1P
FEB 2024



BABA ANA - SOLAR GREEN
ENERGY BABA ANA, 12 MWP
FIXED STRUCTURE - JUNE 2023



ELA ENERGY PH SRL - BALTESTI
11 MWP ALIMIL FIXED
JAN 2023 - APR 2023



RIDEX - OLTENITA 1 & 2,
CĂLĂRAȘI 11 MWP, SKELA FIX
2P JULY 2023



ICD OCTAGON DEVELOPMENT
SRL - LIPOVA 8 MWP ALUMIL
FIXA 2P HELIOS 2100 MAY 2023



ALERION CLEAN POWER
GRĂDINARI. 5 MWP
VALMONT 2P TAKER, JULY 2022



TRANSAVIA - MIERCUREA SIBIULUI
4 MWP, FIXA 2P ELEKTRA PLAN E-
PLAN SOLAR, MAY 2023





WALDEVAR Energy **Headquarter**

Pipera Boulevard 1B, Cubic Center,
07710091, Voluntari, 07710091

+40(313) 333 333; office@waldevar.com

www.waldevar.com

WALDEVAR Energy **Administrativ**

Emil Gârleanu no 11, Voluntari, Ilfov

+40(313) 333 333; office@waldevar.com

Follow us

 [waldevarenergy](https://www.instagram.com/waldevarenergy)

 [waldevar](https://www.facebook.com/waldevar)

 [waldevar](https://www.linkedin.com/company/waldevar)

WALDEVAR Energy **Logistics**

Șoseaua de Centura 10, Ștefăneștii de jos,
Ilfov, 077175