



ensys

RENEWABLE ENERGY SOLUTIONS

commercial & industrial
applications

3%
cashback

1 year
free O&M

2 x
EV stations

30 days
installation kick-off

10 years
financing

www.ensys.eu

Challenging economic context

The industrial and commercial segments (**C&I**) are among the **most affected sectors** in the current overwhelming economic context. From high production costs to imports of cheap and low-quality products, the problems seem endless. Some of the challenges are:

- ⊗ High **electricity costs**
- ⊗ High **production and storage costs**
- ⊗ Lack of **control** and predictability
- ⊗ Stress and uncertainty of the current economic context
- ⊗ **Green energy** initiatives RE100, EP100 and EV100

Ensys can help

Ensys comes to the aid of commercial and industrial sectors (C&I) through **complete photovoltaic solutions for electricity generation**. The benefits of Ensys photovoltaic systems are:

- ⚡ **Reducing electricity costs**
- ⚡ **Up to 100% energy independence**
- ⚡ **Competitive benefits in your market**
- ⚡ **Environmental, social, and corporate governance (ESG)**

Ensys, the partner you can rely on

We implement C&I photovoltaic projects with a lifespan of over 25 years, providing you with sustainable competitive advantages over an extended period of time. Moreover, we provide specialized legal, technical, commercial and energy consultancy to create and scale your photovoltaic system for maximum efficiency.



300 +
professionals



18 +
years experience



6500 +
PV projects



50 +
million EURO
managed



70 +
Mwp total
installed power



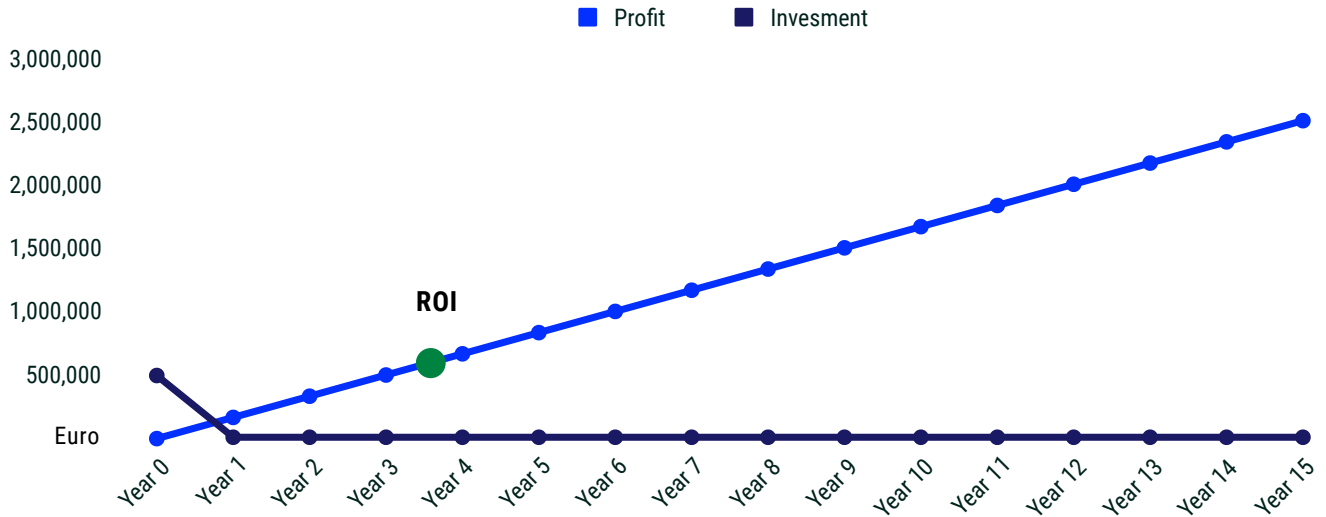
40 +
Mwp power in
development

Satisfied customers



ROI & profitability

The photovoltaic (PV) system is the most **efficient investment** you can deploy for generating electricity from a renewable source. The return on investment can be attained in less than 4 years and over the next 20+ years, the PV system will bring a significant annual profit. Thus, you will have a **"money generator"** working for you.



Projections are based on a 1 MWp PV system, an annual production of ~ 1.2 GWh, an acquisition cost of 500 euro/kWp and an ~ electricity price of 0.14 euro/kWh.

Initial investment (€)	ROI (years)	Installed power (MWp)	Annual production (MWh)	Profit (€/year)	CO2 reduction (tons/year)	Social economies (€/year) *
500.000	~ 4	1.0	~ 1200	150.000+	310	52.700

* Rennert, K., Errickson, F., Prest, B.C. et al. Comprehensive evidence implies a higher social cost of CO2. Nature 610, 687–692 (2022).



Investment

Ensys photovoltaic systems excel in delivering the perfect blend of quality, affordability, and advantages. For instance, the investment for a turnkey flat rooftop system, without complex optional elements has a market value of around **500 euro/kWp** (plus VAT) in Q1 2024, estimated for a system with approximately 1 MWp installed capacity.

Financing

Together with BCR (one of the largest banks in Romania), we developed a sustainability financing product dedicated to high-power photovoltaic systems for business consumers. This partnership brings incredible benefits, such as a **short approval period, reduced bureaucracy**, extended financing periods of up to **10 years**, and financed amounts of up to **20 million euro for investments in photovoltaic systems** implemented by Ensys. Financing can also be used for systems acquired through various grants, to cover individual contribution or ineligible expenses. We also provide consultancy for other financing methods, including European or governmental grants.





"Together with Ensys, we managed to be among the first companies in Romania to set the direction for the adoption of industrial scale photovoltaic systems."

Mathieu Bauduin, CEO Leroy Merlin România



6 x Leroy Merlin - 2.15 MWp / 2.64 GWh annual production / 370,000 € annual savings



6 x Auchan - 3.54 MWp
3.88 GWh annual production
543,200 € annual savings



ACET Suceava - 3.54 MWp / 3.86 GWh annual production / 540,400 € annual savings
Concrete ground structure



Operation and maintenance (O&M)

In order to achieve the highest possible electricity production, Ensys offers a package that **will guarantee optimal production** for up to 25 years. This package is optional but is **provided free of charge** in the first year after installation.



Monitoring

Permanent surveillance and monitoring of the PV system and production indicators; Data collection in reports; System analysis; Periodic efficiency reports.



**Cătina plantation - 62.3 kWp off grid, 100% energy independent / 85 MWh annual production
11,800 € annual savings / Total storage capacity: 78 kWh**



ATNOM and Ensys unite strategically to spearhead innovation in the realm of renewable energy. ATNOM specializes in the research and development of high-performance modular batteries for the industrial and automotive sectors.



Maintenance

General and detailed inspection, including the DC part; **Professional cleaning of the photovoltaic system**; Optimization of the PV system and individual components; Maintenance, repairs, and emergency operation by specialized personnel; Proposals for preventive actions; Warranty repairs; Third-party support (e.g., insurance, equipment replacements, etc.).



System services

Thermal inspection diagnostics: photovoltaic modules, inverters, and LV/MV distribution panels; Spare parts and warranty management; Energy production forecasting; Analysis and improvement of performance; Limiting active power of inverters according to the distribution operator's requirements.



**Fares Orăștie - 395 kWp
404 MWh annual production
56,500 € annual savings**



**Theranova Oradea - 72 kWp / 75 MWh annual production
10,500 € annual savings / Fastening system with exothermic welding PVC membrane**



Oradea University - 104 kWp / 119 MWh annual production / 16,600 € annual savings



Energy freedom plan

1

Contact an Ensys specialist for personalized consultancy

2

We customize a technical and financial proposal for free

3

We sign the contract and identify financing options

4

Enjoy energy freedom and decreased costs



Pescăruș Restaurant, Bucharest - 129 kWp
110 MWh annual production
15.400 € annual savings



Qualicaps, Bucharest 1.07 MWp
1.2 GWh annual production
168.650 € annual savings



sales@ensys.eu



www.ensys.eu