

PHOTON ENERGY

Lauru Badita – Country Manager

4 June 2020

WHO WE ARE

We develop, build, own and operate PV power plants worldwide



Founded
2008



Headquartered in
Amsterdam



120
Employees



Active in
10+ countries



Shares traded
in PL and CZ



80+ MWp
PV plants installed



Own portfolio
60.6 MWp



43.8 GWh
produced in 2019



O&M services
300+ MWp



Separate business line
Water treatment



OUR KEY MARKETS



CZECH REPUBLIC

EPC


30.4 MW_p

O&M

135.3 MW_p

Own portfolio

15.0 MW_p



SLOVAKIA

EPC


13.6 MW_p

O&M

15.3 MW_p

Own portfolio

10.4 MW_p



HUNGARY

EPC


35.0 MW_p

O&M

80.6 MW_p

Own portfolio

35.0 MW_p



AUSTRALIA

EPC


7.8 MW_p

O&M

7.8 MW_p

Own portfolio

0.1 MW_p



OPERATIONS & MAINTENANCE

We take care of more than 300 MWp of solar assets

Our O&M services are always set up to achieve the highest possible production and performance throughout its lifespan.



**Preventive
maintenance**



**Service
interventions**



**Compliance
& Reporting**



**Performance
monitoring**



**Accounting
services**



**Security
support**



MONITORING AND CONTROL

Maximise yield while minimising cost

We developed a fully-integrated solar monitoring solution with intelligent software that provides comprehensive monitoring and control of your PV power plants.

- Optimises installation and hardware costs
- Detects threats in a timely manner
- Used by industry-scale owners, operators and investors
- Connects to external systems free of charge
- Provides expert technical support available 24/7
- Delivers reporting and notifications



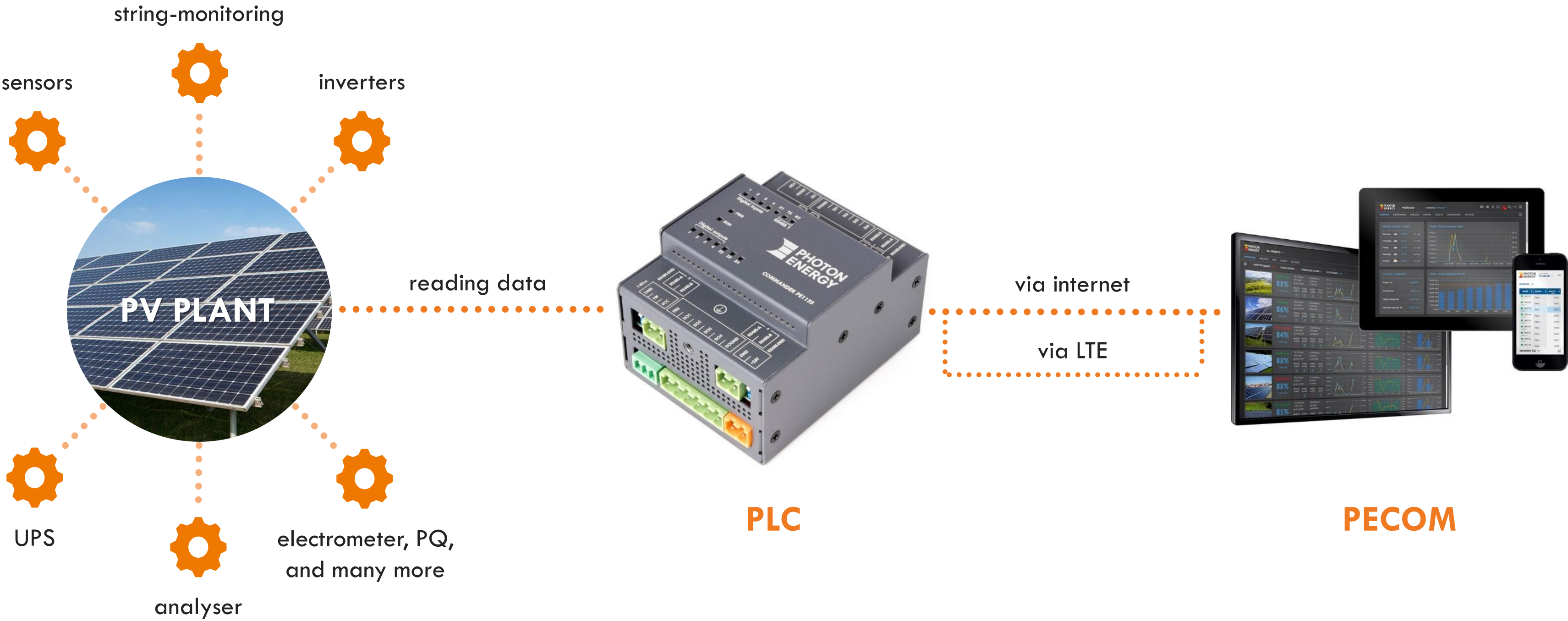
SWITCHBOARD

PLC PE115S

- Developed by Photon Energy
- Programmable for all industry sectors
- Compatible with different devices and technologies
- Connects up to 150 inverters
- Fully modular open platform
- Four digital and two analog inputs
- 1 GB of RAM and 8 GB internal memory



PVP COMUNICATION & PLC



PV OPERATIONS AND MAINTENANCE

PREVENTIVE MAINTENANCE

BEFORE



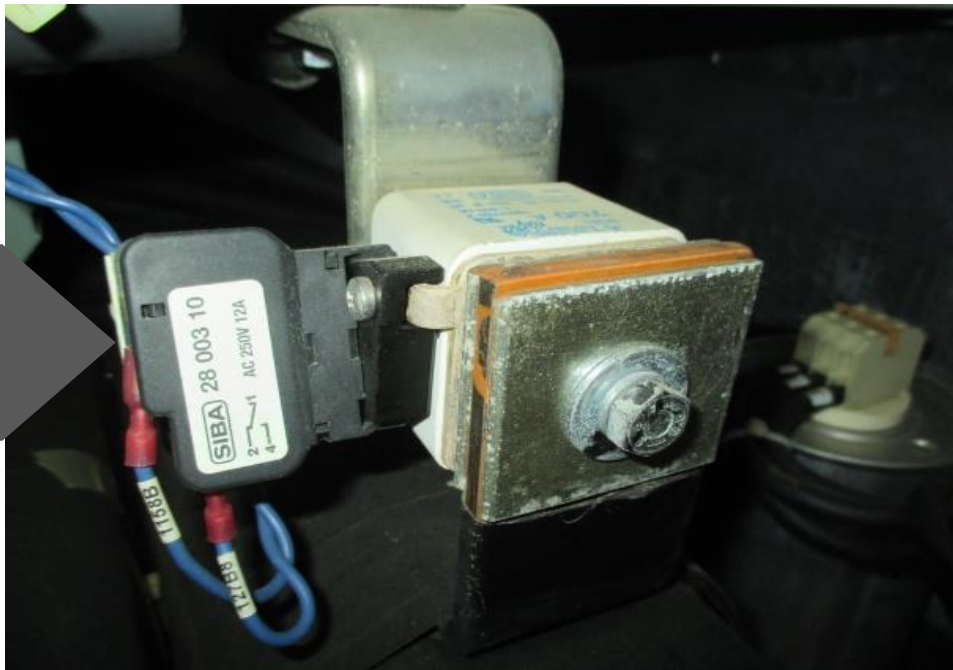
AFTER



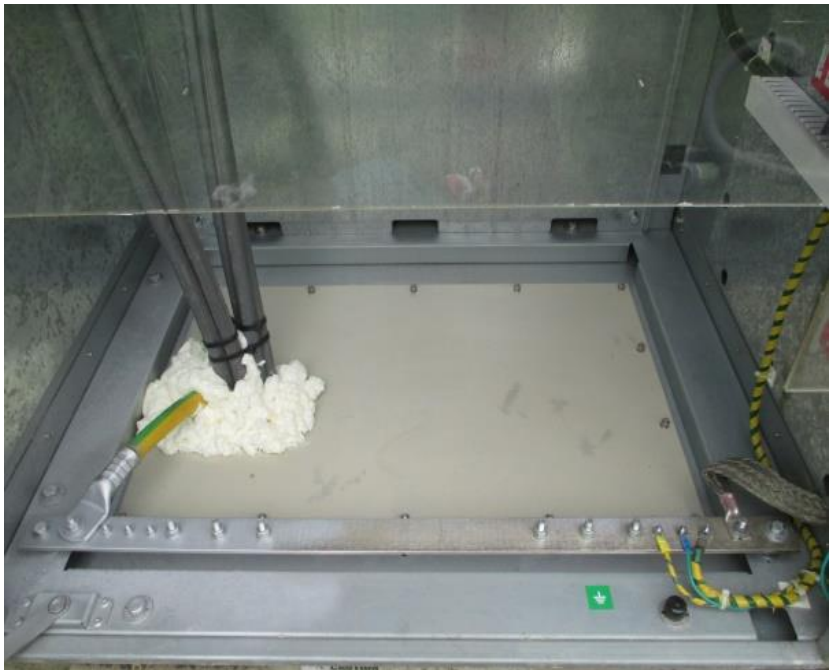
PV OPERATIONS AND MAINTENANCE

STANDARD IN PREVENTIVE MAINTENANCE

BEFORE



AFTER



REFERENCES

Largest project to date

Tuřany Airport, Czech Republic

7.5 MW_p, 2010 (EPC)

21 MW_p, 2010 (Procurement provided for total capacity)



REFERENCES

Ground-mounted power plants

Monor, Hungary

5.6 MWp, 2019 (EPC, O&M)



Almásfüzitő, Hungary

5.5 MWp, 2019 (EPC, O&M)



Nagyecsed, Hungary

2.1 MWp, 2019 (EPC, O&M)



Fertőd II, Hungary

3.5 MWp, 2019 (EPC, O&M)



Ground-mounted power plants

TiszaKésce, Hungary

5.5 MWp, 2018 (EPC, O&M)



Les Mees, France

18 MWp, 2014 (O&M)



Ellrich, Germany

1 MWp, 2012 (EPC)



Ráztoka, Slovakia

1 MWp, 2011 (EPC)



REFERENCES

Rooftop installations

ALDI stores, Australia

4.6 MWp, 2019 (EPC, O&M)



Symonston, Australia

200 kWp, 2016 (EPC, O&M)



Biella, Italy

1 MWp, 2012 (EPC, O&M)



Sydney, Australia

283 kWp, 2012 (EPC, O&M)



REFERENCES

Solar storage

Muswellbrook, Australia

39 kWp / 216 kWh, 2014 (EPC, O&M)

Project designed in association with the German Energy Agency, Deutsche Energie-Agentur GmbH (dena), and the Australian communications infrastructure company BAI.



OUR VISION

Building a brighter future

- Contributing to major growth phase in the Australian PV market driven by large-scale and commercial-scale solar projects
- Building our proprietary portfolio in emerging markets
- Further solidifying our position as a leading O&M provider in the CEE region
- Continue developing innovative solar solutions
- Expanding our sustainable water treatment solutions



CONTACT



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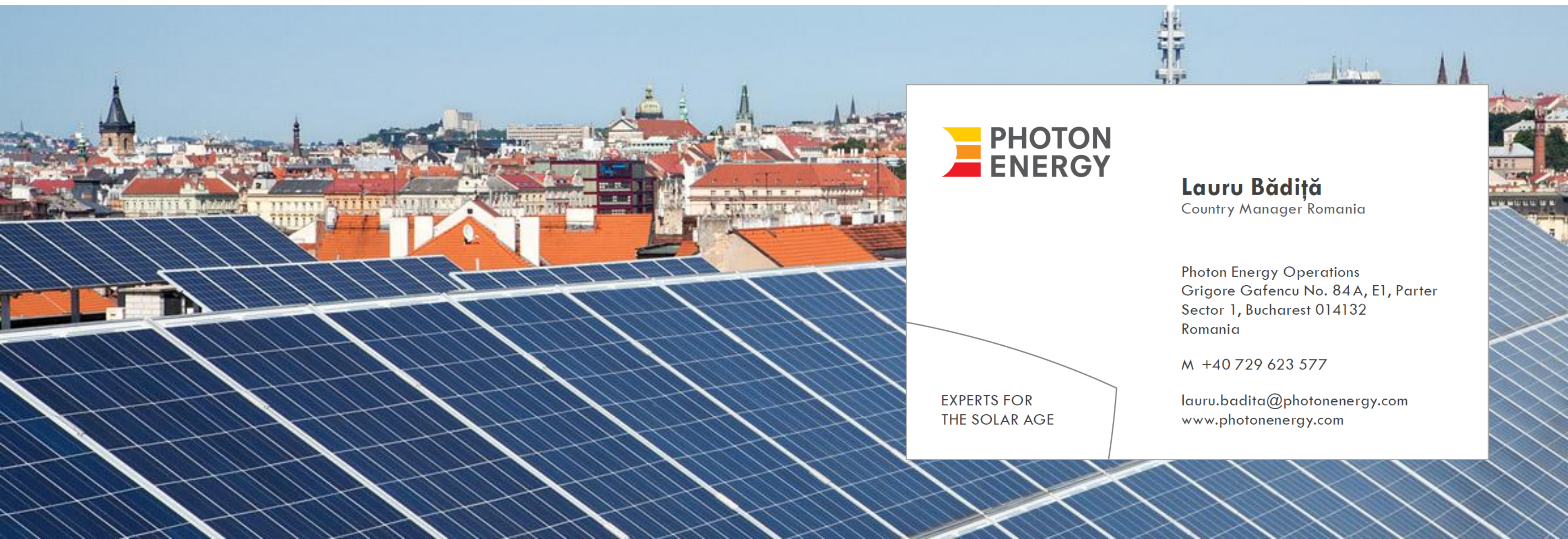
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EXPERTS FOR
THE SOLAR AGE