



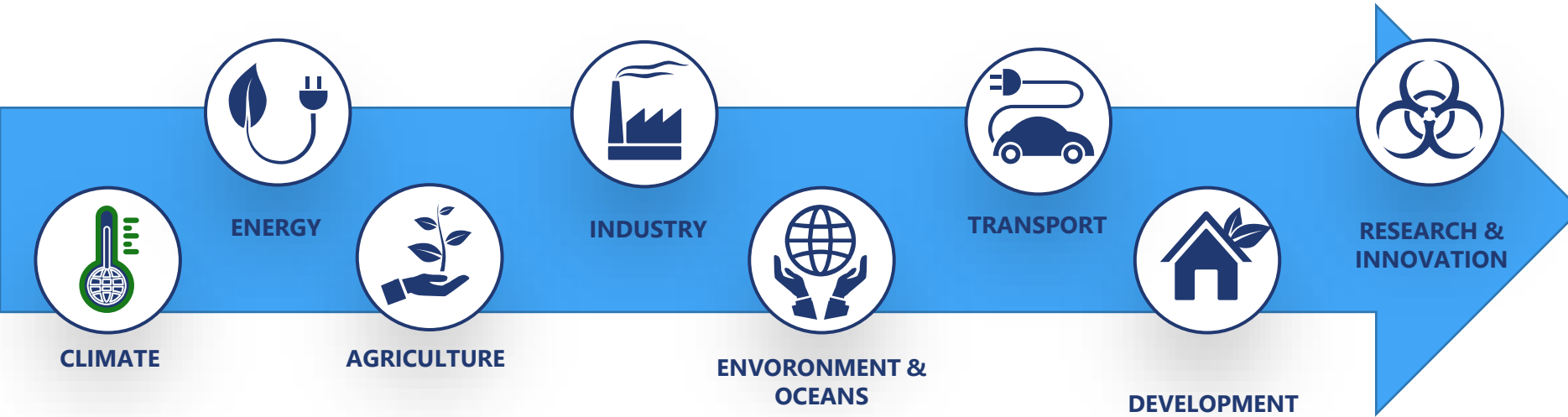
EUNICE

ENERGY GROUP

**Realizing Green Transition: Challenges, actions and benefits
from a sustainable perspective**

**NORTHERN GREECE`S POTENTIAL AS AN INTER-REGIONAL HUB
THE THESSALONIKI METROPOLITAN SUMMIT**

Dr.-Ing. (MSc) George Pechlivanoglou, Vice President Eunice Energy Group
September 2021



55%
Reduce emissions by
2030

Delivering a Green Planet

- ▶ Reduce emissions
- ▶ Create jobs & growth
- ▶ Address energy poverty
- ▶ Reduce external energy dependency
- ▶ Improve health & wellbeing

Challenges:

- Net zero greenhouse gas emissions by 2050
- Decoupling economic resource use
- Ensuring no one and no place is left behind

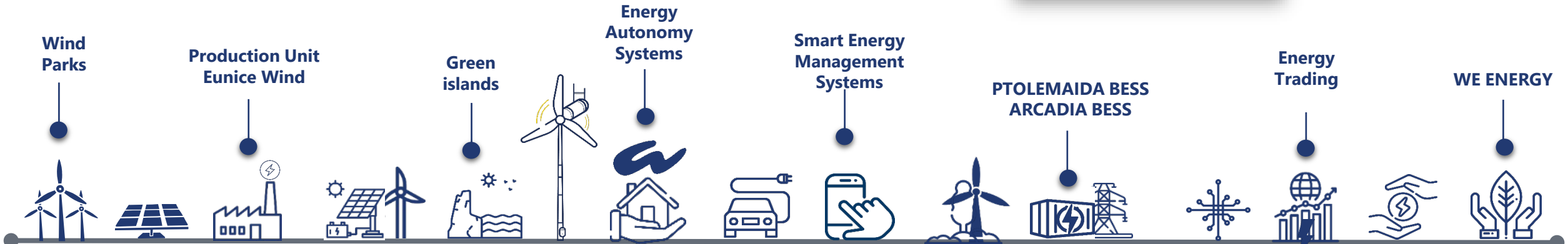


We Are Eunice!

100% Green energy for all

100% Greek investment
one Shareholder

EUNICE
 ENERGY GROUP



100MW
 Wind & solar parks

1,300MW
 Project pipeline



Worldwide Award
 "The First Autonomous Island in the Mediterranean"



The FIRST and ONLY Greek Wind Turbine



The ONLY Greek EV Chargers



The FIRST Large Scale Storage Systems in Greece



The FIRST Cross - Continental Interconnection in the SE Mediterranean



The ONLY Electricity Provider in Greece with 100% Clean, Green Energy

Project Portfolio

Activities & innovations related exclusively to clean green energy, with a Greek footprint and high domestic added value.



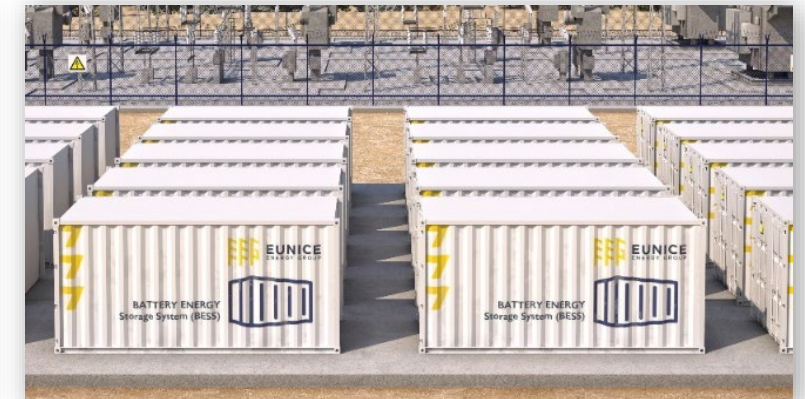
S4S Tilos - FIRSTS

- ▶ The **first autonomous & independent** island in the Mediterranean
- ▶ The **first Power Sale Agreement** from a Hybrid Power Production Station
- ▶ The **first exclusive & guaranteed** energy supply to the Grid from RES (non-interrupted & fully controlled)
- ▶ The **first** installation of **high-efficiency power battery** for renewable energy storage



Aftonomo by Eunice

- ▶ Energy autonomy & independence system for buildings



Battery Energy Storage Systems

- ▶ Ptolemaida BESS
- ▶ Arcadia BESS

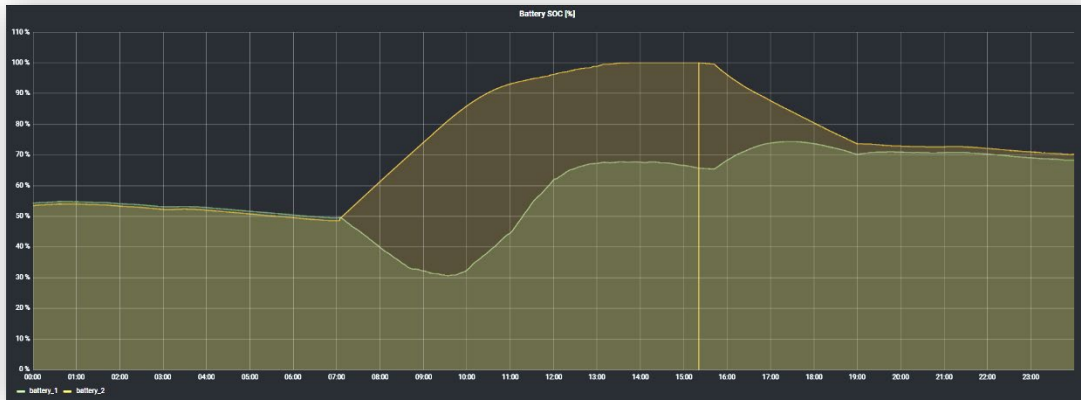
2 x 250
MW
 Rated Power

2x 1000
MWh
 Installed Capacity

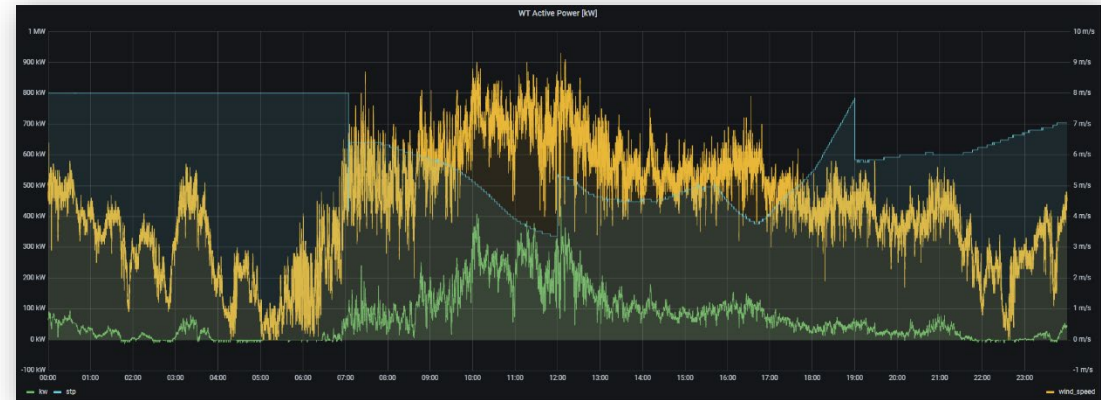
S4S Tilos - From small & local to large scale!

S4S Real Data

Battery SOC (%)



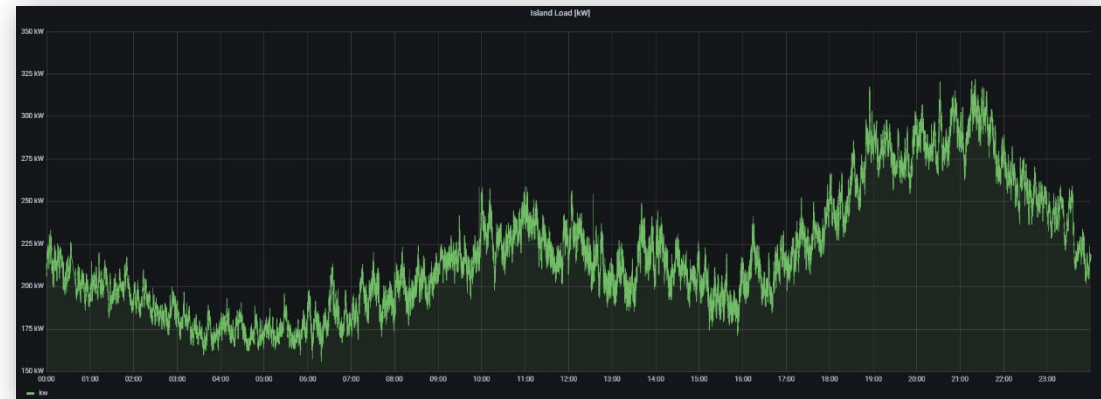
Wind Turbine Active Power (kW)



Battery Power (kW)



Island Load



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