

Empowering your journey

EUNICE

A Green Tech Solutions` Integrator

Corporate Presentation

WE ARE EUNICE

Smart Green Living For All

Eunice Solutions
Energy Autonomy Systems for
Homes, Businesses, Industries



Production Unit
Eunice Wind

EW16 Thetis
The First & Only Greek Wind
Turbine



Wind & Solar Parks



Eunice Smart
Energy Management Systems



Eunice Islands
Hybrid Systems – S4S Tilos
Worldwide Award
“The first autonomous island in
the Mediterranean”

Eunice Drive
The FIRST EV Chargers Made In
Greece
& 360° Services



Eunice Trading
Energy Trading & Aggregation



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



Eunice Storage
Ptolemaida BESS
Arcadia BESS



Aigaio Project



**PCI Projects & Energy
Interconnections**
GAP & SAI Projects
First cross-continental
interconnection in the SE
Mediterranean



100%

GREEK INVESTMENT

1

SHAREHOLDER

100MW

WIND & SOLAR PARKS

1,650MW

PROJECT PIPELINE



EMPOWERING YOUR JOURNEY

01

OUR VISION

A world where every individual is a NetProsumer, every household is energy autonomous and every state is energy independent.

02

OUR MISSION

To provide innovative green tech solutions, empower humanity towards a smart green living, and eternally paving the way for Energy Democracy.

80MW
WIND ENERGY




12.5MW
PV PARKS



GREEN PRODUCTION

EUNICE



-  PV Parks
-  Wind Parks
-  Hybrid Systems

NEW PROJECT DEVELOPMENT

EUNICE

WIND PARKS

1	<ul style="list-style-type: none">• Vrisakia Lakonia• 46.2MW	2	<ul style="list-style-type: none">• Likogremos Lakonia• 33.6MW
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PV PARKS

3	<ul style="list-style-type: none">• Thraki• 8MW	4	<ul style="list-style-type: none">• West Macedonia• 37.44MW
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5	<ul style="list-style-type: none">• Central Greece• 193.96MW	6	<ul style="list-style-type: none">• Western Greece• 115MW
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7	<ul style="list-style-type: none">• Thessaly• 122.30MW
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AEGEAN PROJECT

8	<ul style="list-style-type: none">• 23 Aegean islets• 582MW
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BATTERY ENERGY STORAGE SYSTEMS (BESS)

9	<ul style="list-style-type: none">• Ptolemaida BESS – Arcadia BESS• 250MW - 250MW
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HYBRID STATIONS – Green ISLANDS

9	<ul style="list-style-type: none">• Anafi, Donousa, Fournoi, Leros• 0.1MW, 0.12MW, 0.99MW, 5.1MW
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Products



PRODUCTION UNIT

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Eunice Wind

- Subsidiary of Eunice Energy Group
- Production unit in Mandra, Attica
- Vertically integrated unit
- Quality Control & Material Tracing

Production

- EW16 Thetis 50kW
- EV Chargers
- Aftonomo by Eunice
- S4S – Hybrid Energy Production System

Green Factory

40kW Rooftop-installed PVs &
62kW Battery Storage & Inverters



9001:2015



THE FIRST & ONLY MADE IN GREECE WIND TURBINE

WIND TURBINE

EW16 THETIS

- High reliability
- AC-DC-AC Converter technology
- Low noise levels & low maintenance costs
- Customized SCADA
- Ideal for micro grids and smart grids
- Directly connected to low voltage grid
- Compliance with EU grid code requirements (with optional further adaptations)
- Full and smooth integration and co-operation with the S4S- smart energy management system & Aftonomo by Eunice

50kW

Nominal Power

22m

Hub height

16m

Rotor diameter

200m²

Swept area

EV CHARGERS DESIGNED & MANUFACTURED IN GREECE - SUPPORT OF LARGE-SCALE NATIONAL EV NETWORKS WITH EUNICE'S CHARGERS

EUNICE

Eunice chargers are manufactured at the Group's privately owned facilities in Mandra Attica and are aimed at:

- Drivers' premises
- Businesses & workplaces
- Network development companies
- Hotels
- Health services
- Car dealerships
- Parking lots
- Corporate fleets
- Shopping Malls
- Municipalities & public corporations
- Restaurants
- Super Markets & food chains

1500+

**CHARGER
UNITS**

EUNICE CHARGERS: THE FIRST EV CHARGERS

MADE IN GREECE

The largest operators in Greece trust Eunice with the full scope of development of EV charging networks.

CUSTOM BRANDING

EUNICE



EUNICE SOLUTIONS

All-In-One System

100%

meeting the needs of electricity with green electricity & zero CO₂ emissions

Cost Savings

Via Net Metering

Remote control

Of all functions

Energy independence

In case of power outage

EUNICE

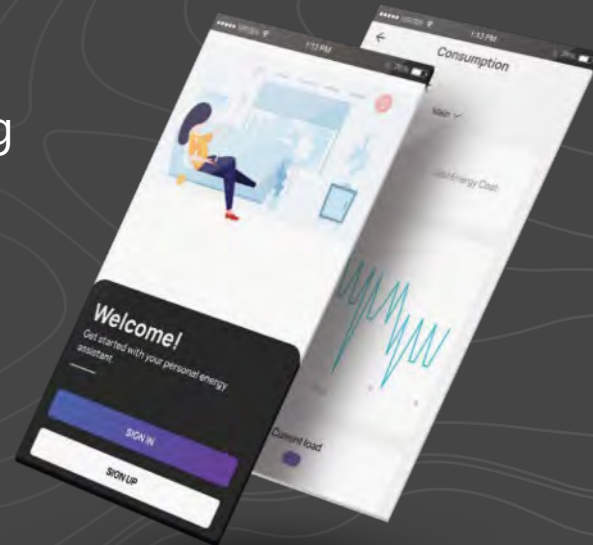
**The FIRST Integrated
System for Energy
Independence!**



EUNICE SMART

Software + Smart Devices

- Reduce energy & costs
- Real time information on your energy flow, distribution & consumption
- Smart alerts and energy saving tips
- Load scheduling and ability to switch devices on and off
- Data analysis & optimized energy management



ENERGY Management

EUNICE



EUNICE SOLAR

Solar Panels + Inverters + Batteries

- Fully compliant with Aftonomo by Eunice
- Increased yields
- Long service life
- Easy installation
- Ease of use
- Smart control & management platform
- Long-term guarantee
- Sleek design
- Indoor or outdoor installation



EUNICE



Projects



S4S

Tilos Project

EUNICE

The first autonomous island in the Mediterranean

- 800kW wind turbine
- 160kW photovoltaic solar panel park
- Battery capacity 2.4MWh
- 1MW Battery inverter
- In house EMS system
- In house SCADA System

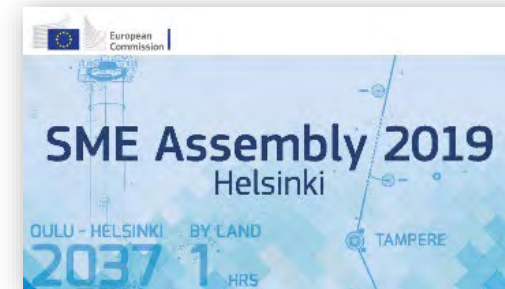
Four Prizes



2017



2017

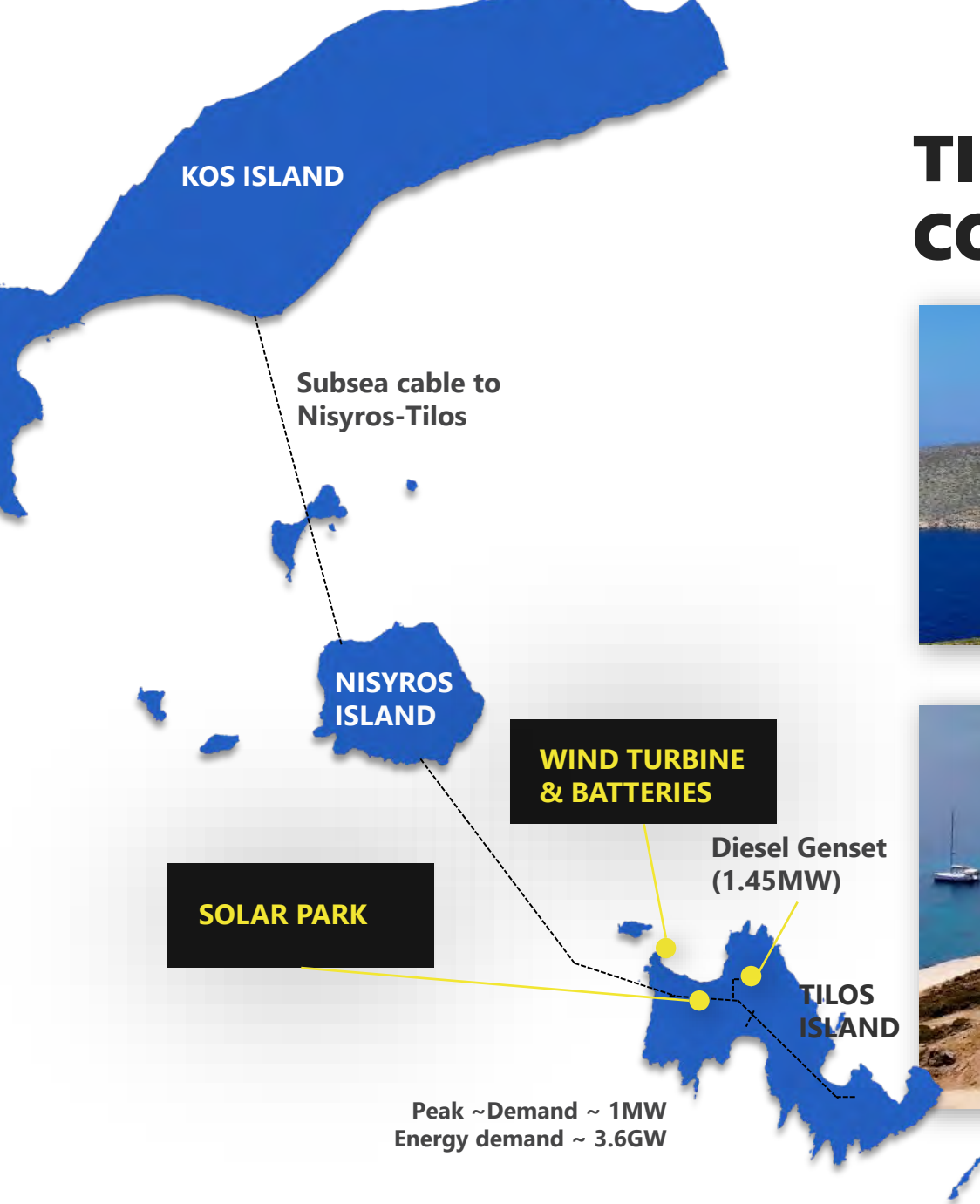


2019



2020

TILOS PROJECT – GRID CONNECTION & ELECTRICITY DEMAND



AIGAIO PROJECT



- ▶ A world scale, **582MW** wind project, located on islets of the Dodecanese Islands and the Cyclades.
- ▶ Optimally positioned to utilize effectively both SAI & GAP

582

MW

Total Installed Capacity

138

WIND TURBINES

Installed on islets

1,5

BILLION €

Total Investment



SOUTHERN AEGEAN INTERCONNECTOR
A **EUNICE** PROJECT

- ▶ Strategic national interconnector
- ▶ Interconnection of large scale RES generation (Aigaio Project)
- ▶ Energy transmission safety

GAP PROJECT

**ENERGY STABILITY BY
FACILITATING
INTERCONTINENTAL
ENERGY TRANSFER**



CORROBORATORS

EUNICE

Deloitte.

"Deloitte is glad to participate in this unique geostrategic project offering its technical expertise analyzing the cost benefit and operational characteristics of the Greece Africa Power Interconnector"

 **asso.subsea**

"Asso.subsea is glad to participate in this unique geostrategic project offering its technical expertise providing technical data concerning the Greece Africa Power Interconnector"

 **Atlantic Council**
EUROPE CENTER

"US State Department cited environmental and economic considerations for withdrawing its support for the East Med Gas Pipeline. Even as it did so, it noted: "We remain committed to physically interconnecting East Med energy to Europe. We are shifting our focus to electricity interconnectors that can support both gas and renewable energy sources." For instance, the State Department made clear that the United States supports projects such as the planned interconnectors from Egypt to Greece.

BATTERY ENERGY STORAGE SYSTEMS

- ▶ Optimal energy buffer for effective utilization of large scale RES, SAI & GAP
- ▶ Direct Connection on the 400kV system
- ▶ Li-ion battery energy storage

- Included in the new version of the Europe's Ten-Year Network Development Plan (TYNDP 2020) by ENTSO-e
- Part of 16 large projects of the "Plan for Just Development Transition", officially announced on the 9th September 2020



2 x 250

MW
Rated Power

2 x 1.000

MWh
Installed Capacity

580

€ Mio
Total Investment

EUNICE



Power



EUNICE POWER



**THE SOLE PROVIDER IN GREECE THAT SUPPLIES
THE NATION WITH EXCLUSIVELY 100% CLEAN,
GREEN ENERGY**

THE GREEN SEAL:

- Certifies that its owner consumes electricity generated exclusively from RES
- Ensures that the company has a competitive advantage, confirming its business strategy is characterized by sustainable development.
- Can be placed in all packages, stores, vehicles, websites as well as in other marketing and communication assets as a certification of green corporate activity
- Creates a positive impact on consumers, who increasingly prefer products and services that are environmentally friendly certified



ENERGY TRADING & AGGREGATION

ENERGY STOCK MARKETS

Energy Trading in all markets

- Day ahead Market
- Intraday Markets
- Ballancing Markets (Spot Markets)
- 1st and only company to trade battery storage in day ahead market (Tilos S4S – Hybrid Power Station)

Energy Trading in many European countries

- Greece
- Italy
- Germany
- Bulgaria
- Hungary

3rd largest RE aggregator in Greece

- Direct asset monitoring
- Performance forecasting
- Availability forecasting
- Advanced stock market trading



European Energy Exchange AG (EEX)

EU & NATIONAL RESEARCH AND DEVELOPMENT PROJECTS

EU & National Research and Development Projects



Near-Shore Wind Turbine with
Integrated Holistic Control

AIQLOS PROJECT

Development of Multifunctional Fiber
Reinforced Composites with Nano-modified
Matrix Towards Wind Turbine Applications



Participation in the development of two novel
IOT and Energy Saving tools for industrial
applications



Development of Novel EOSC Services for
Emerging Atmosphere, Underwater & Space
Challenges

EU Projects funded by European Commission



Advanced Energy Performance Assessment
towards Smart Living in Building and District
Level



SmartSPIN

Smart energy services to solve the SPIN
INcentive problem in the commercial
rented sector

DATA cellAR

Data hub for the Creation of Energy
communities at Local Level and to Advance
Research on them

GEMINI

HiGh fidelity Modelling for small wind
turbines

PARTNERSHIPS

SIEMENS

Δ_{EH} blue

 HUAWEI

SOLAX
POWER

 **PHOENIX**
CONTACT

Deloitte.

 asso.subsea

joltie

MEMBERSHIPS

Trans-Nat
Support 1
TYNDP 2
Candidate
TYNDP 2023



الغرفة العربية اليونانية للتجارة والتنمية
ΑΡΑΒΟ-ΕΛΛΗΝΙΚΟ ΕΠΙΜΕΛΗΤΗΡΙΟ ΕΜΠΟΡΙΟΥ & ΑΝΑΠΤΥΞΕΩΣ
ARAB-HELLENIC CHAMBER OF COMMERCE & DEVELOPMENT

Empowering your journey

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