

21 OCTOBER
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Athens

Greek Offshore
Renewable Energy
Conference

OFFSHORE WIND ENERGY IN GREECE

Institutional challenges and asks

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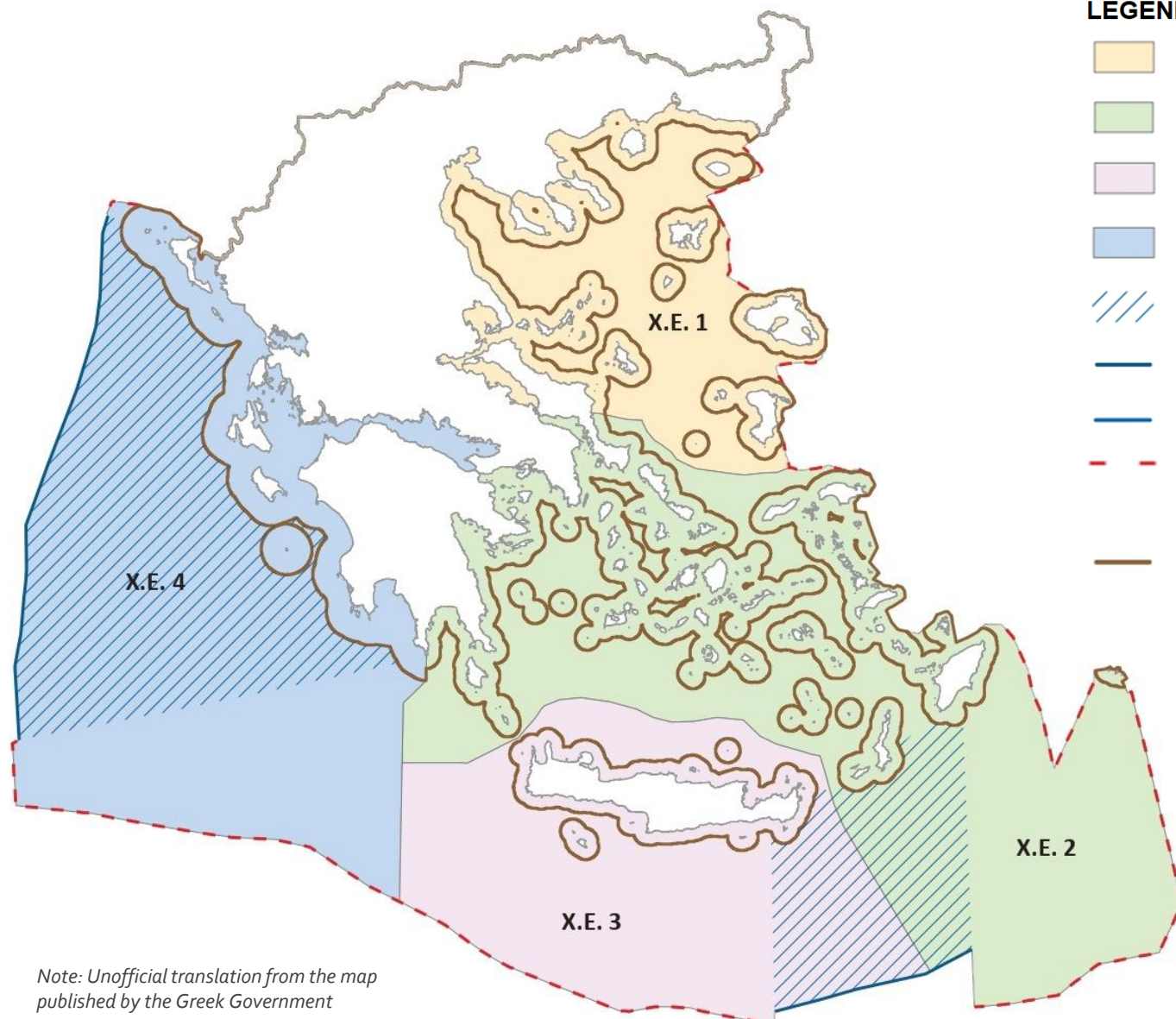
CEO Hellenic Wind Energy Association ELETAEN



ΕΛΕΤΑΕΝ

Ελληνική Επιστημονική Ένωση Αιολικής Ενέργειας





LEGEND

- Spatial Unit 1
- Spatial Unit 2
- Spatial Unit 3
- Spatial Unit 4
- Delimited Exclusive Economic Zone
- Continental Shelf boundaries according to the Greece-Italy Agreements of 1977 and 20
- Exclusive Economic Zone boundaries according to the Greece-Egypt Agreement of 20
- Depiction of the median line defining the outer boundaries of the Greek Continental Shelf, until the conclusion of delimitation agreements with neighboring states whose coasts are adjacent or opposite to the Greek coasts (Law 4001/2011)
- Territorial Sea boundaries (existing national legislation, Greece-Turkey Protocol of 1926, Italy-Turkey Agreement and Protocol of 1932, and without prejudice to the general extension of the breadth up to 12 nautical miles, in accordance with the United Nations Convention on the Law of the Sea, which reflects customary international law)

- ✓ The National Maritime Spatial Strategy (NMSS), which defines and maps Greece's Maritime Spatial Planning, was officially published in April 2025 through the initiative of the Ministry of Environment and Energy, in collaboration with the Ministry of Foreign Affairs and other competent Ministries.

Note: Unofficial translation from the map published by the Greek Government

Main policy asks for OW development in Greece



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The government must **remain committed** to implementing the law on offshore wind (OW) that it has itself passed and must proceed with the next steps provided for in that law. Indicatively, it must:

- formally approve the National Offshore Wind Development Programme, and
- support HEREMA and the other institutional bodies in carrying out the responsibilities assigned to them.

This will enable the continued efforts **to mature the market and investment plans**, so that at some point they can reach the stage of taking a FID. That future moment will be the appropriate time to provide definitive answers on cost and viability issues, based on the actual conditions that will have been shaped by then in the global and domestic markets.

Today, what we have to do as a country is **to advance the development procedures and pre-investment work** so that we will be ready to make sound, final decisions when the time comes.



- 1 Formal approval of the announced **National Program for Offshore Wind Development**
- 2 Clarification of the key terms of the support scheme and the **future auctions** e.g. price indexing, grid costs sharing etc.
- 3 Establishment, through the Presidential Decrees (PD), of the Offshore Wind Farm Organized Development Areas (OWFODA) as **Renewable Acceleration Areas**, as applies to the first pilot offshore wind projects in the Thracian Sea.

This would accelerate by at least two, and possibly more, years the final permitting of projects following the auctions that will take place after the issuance of the Presidential Decrees.
- 4 Initiation of planning for the future development of offshore wind across **all maritime zones of our seas**.

The part of the EEZ which has been Delimitedated with Egypt may be the first to be examined and developed and specifically the part of the Karpathanian pelagos between Crete and Kassos.
- 5 A robust program of **industrial & innovation policy and investments' funding**
 - In the supply chain (metallurgical industry, ports, shipyards, transport, industrial facilities, etc.).
 - In research & technology (see next slide)



Greece has both the geographic potential and industrial foundation to play a key role in offshore wind R&D in the Mediterranean. ELETAEN, as the institutional voice of the Greek wind energy sector, is trying to promote public-private partnerships, facilitate industry-academia collaboration, and promote flagship R&D projects that support innovation and local added value.

Key Innovation and R&D Opportunities for Greece:

- 1 Promotion / Participation in a national programme for the design of a Greek floating platform adapted to Mediterranean sea conditions

Development of **cheaper** floaters for floating wind turbines, suitable for the calmer wave conditions of seas like the Mediterranean

- 2 Development and operation of a Floating Wind Test Centre for technology demonstration and certification (inspired by Norway's METCentre)

To cover an existent **market gap** i.e over 80 floating platform designs are in early stages globally; a major shortage exists in available test centres.

What we have done

ELETAEN's promotional and advocacy efforts



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12 April 2019 – *Workshop with the Norwegian Embassy in Athens (Hilton Hotel)*

- Discussion on the strategic importance of floating offshore wind in Greece and the Mediterranean
- With participation from the Ministry of Energy, RAE, Equinor, academics, and major Greek banks

23 February 2021 – *Conference: “Offshore Wind Farms in Greece – Legal Framework, Challenges and Prospects”*

- In-depth analysis of institutional framework and market outlook
- Contributions from ADMIE, CRES, WindEurope, EBRD, and NORWEA

12 December 2022 – *Workshop: “Offshore Wind Energy in Greece: The Way Forward”*

- Co-organized with HEREMA and Grant Thornton, under the auspices of the Ministry of Energy
- Focused on presenting Greece’s new offshore wind framework
- Moderation and interventions by ELETAEN’s President and Board Members

23 November 2023 – *Conference: “Offshore Wind Supply Chain in Greece”*

- Co-hosted with Norwegian Offshore Wind
- Over 65 companies from Greece, Norway and other countries participated
- Technical and industry studies on the supply chain were presented (iWind Renewables, Samaras & Partners)



5 March 2024 – *Members meeting*

- Presentation of findings from GR-INNO studies on the domestic supply chain for offshore wind
- Launch of special edition on offshore wind's contribution to national energy strategy
- Presentation of the updated ask4wind campaign, addressing myths around wind energy

26 March 2025 – *Workshop: “Wind Energy Made in Greece”*

- Co-organized by ELETAEN, Norwegian Offshore Wind, and Innovation Norway
- Focus on expanding the domestic supply chain and boosting local added value in wind energy
- Presentations by Lykomitros Steel, EMEK, Archer Wind, iWind Renewables, and CRES on current Greek industrial capabilities and international collaborations
- Discussions with over 50 participants from Greek and Norwegian wind energy companies
- Highlighted Greece's strengths in metallurgy, cables, cement, logistics, shipyards, and testing infrastructure

Working Group

- ELETAEN has established a dedicated Working Group focused on the analysis and promotion of issues related to offshore wind energy, aiming to support the sector's structured and sustainable development in Greece.

EU Project Participation

- ELETAEN actively participates in European projects such as SHOREWINNER, contributing to the development of the offshore wind sector through transnational cooperation and knowledge exchange.



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www.eletaen.gr

www.ask4wind.gr

