

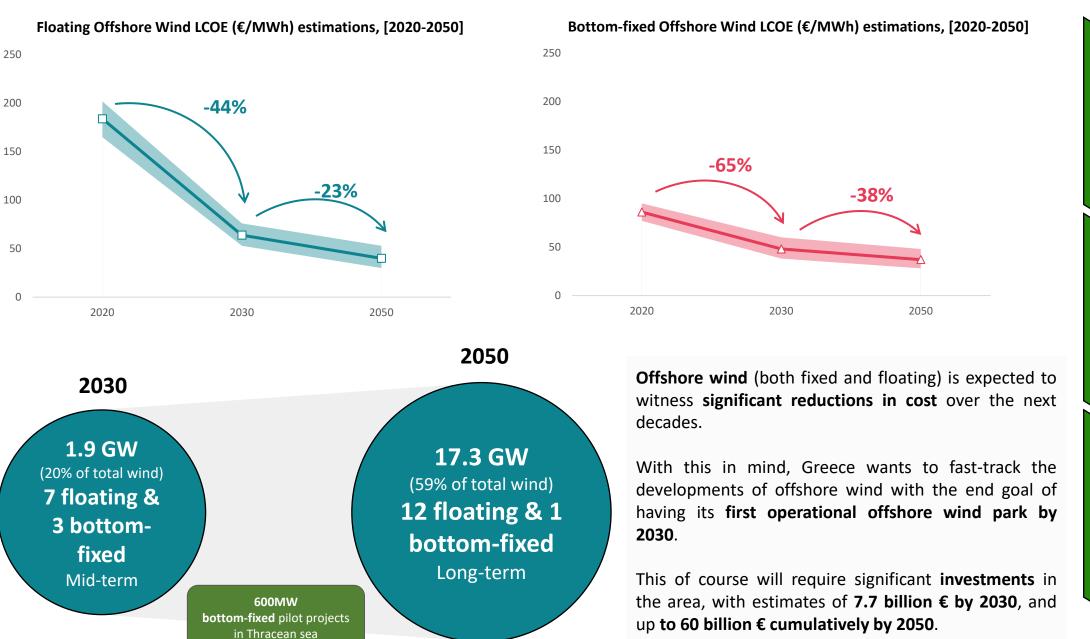
Vol.27

Harnessing the Sea Winds: Offshore Wind Developments in Greece



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2023

National

OWF

Development

Programme

2026-2027 1St tender for Offshore Wind Park in Crete

2030
Operational
Offshore
Wind Parks
reaching
1.9GW

Offshore wind parks are a cornerstone of Greece's national strategy to enhance energy security and transition to clean energy. The goal of achieving 1.9 GW of installed capacity by 2030 reflects a commitment to integrating renewable energy into the national grid. These ambitious goals are accompanied by concrete action plans and development strategies.

Offshore wind will need substantial financial support from investors and government aids alike to overcome high upfront costs and infrastructure needs. Government subsidies, stable revenue mechanisms, and public-private partnerships are crucial. Greece aims to have its first tender for offshore wind in 2026-2027, solidifying its commitment to accelerate their development.

Strategic Energy Transition

Offshore Wind

Financial Strengthening

Regulatory Framework

Risk Assessment

The adoption of Law 4964/2022 establishes a comprehensive regulatory framework for offshore wind development, prioritizing environmental protection and investment security. The state's central role, through HEREMA, in planning and selecting development areas ensures a balanced approach to resource management and stakeholder interests.

Offshore wind development in Greece runs the risk of local opposition. There is also concern over grid capacity to handle the increased output and challenges in exporting surplus energy to Europe. Additionally, there are potential infrastructure and environmental impacts, requiring careful management and stakeholder engagement.





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