



The 23rd General Meeting and Singapore Forum
November 21–24, 2023

Offshore Energy-Islands

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Keywords: *Offshore energy production, Renewable Energy, Floating Renewable Energy, Offshore hybridization, Multi-purpose offshore projects.*

Abstract

Offshore has challenges and associated risks. But also non negligible advantages that make it an appealing fast increasing and evolving sector. Need for space, temperature rise, decarbonisation, industry push, denser coastal regions are some of the drivers that are pushing the interest and Offshore development.

To date, the offshore sector has been predominantly limited to a few sectors such as transport, oil & gas, cabling & piping, wind, and last but not least farming & fishing.

Over the past few years, numerous endeavours, some even supported by or national or regional funds, have started to extend the number of offshore sectors and as such push offshore barriers. As a consequence new offshore sectors are appearing such as bunkering, hybrid-energy production, green fuels & hydrogen, molecules at sea etc.

So not only is the sector evolving i.e. giving space to more sectors but it is also changing, as the different sectors are no longer considered in silos but rather as complementary in new multi-purpose or offshore energy-islands projects.

This presentation will give an overview of the offshore sector, it's evolution as well as the expansion towards offshore energy islands in Europe and around the world.

note: This document will be opened to the participants on IERE website before the Forum and opened to the public afterward.