



Offshore Renewable Energy Policy Roadmap 2030

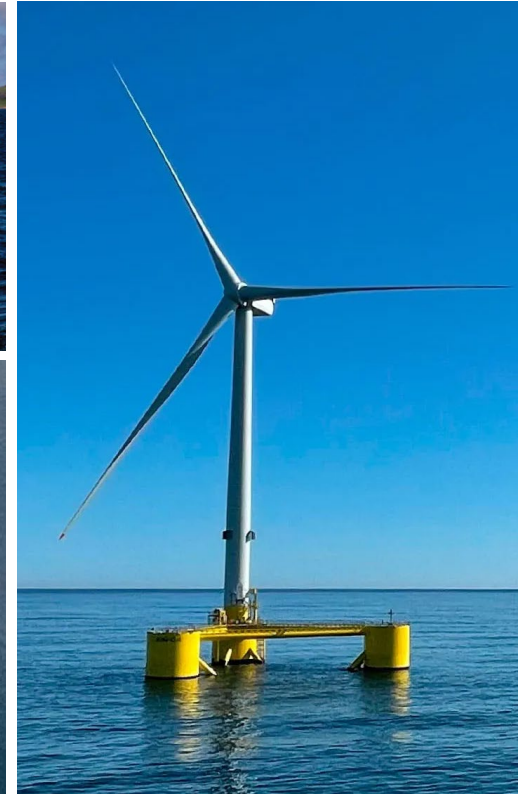
WP1 Demonstration of Scenarios

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Outline of Presentation

- What are the opportunities
- The roadmap
- Summary and way forward



What are the opportunities



THE UNIVERSITY of EDINBURGH
School of Engineering

Policy and Innovation Group

Policy
intervention
is necessary

ORE Policy Roadmap 2030



Roadmap Scope

Aim

- Provide **unbiased policy recommendation** base on objective analysis
- Propose a **comprehensive development strategy** for the ORE sector



Wave



Tidal Stream



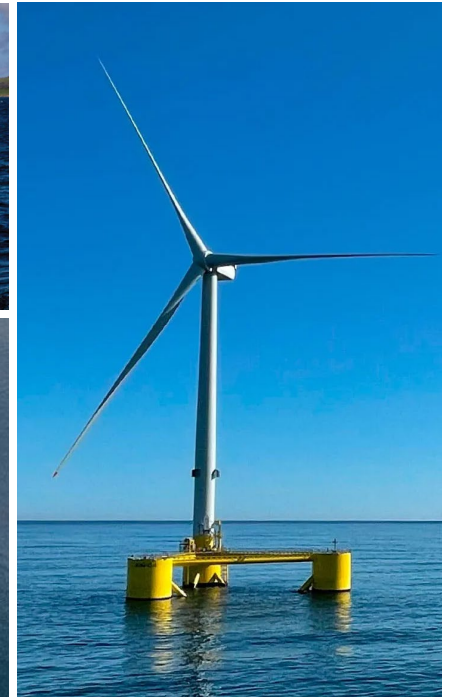
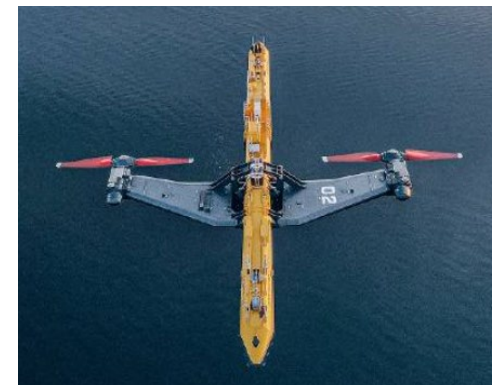
Floating Offshore Wind

Scope

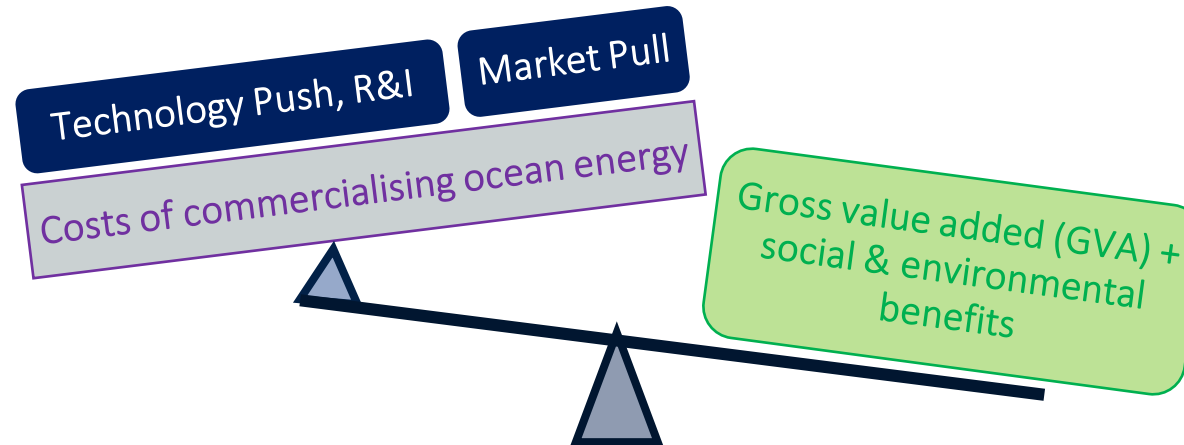
- UK

Timeframe

- 2023-2030



Policy recommendation areas



Supporting Infrastructure



Supply Chain



Skills and Training



Regulation and Legislation

Marine spatial planning for enhanced fisheries and aquaculture sustainability
Its application in the Near East



Technology Push & Market Pull



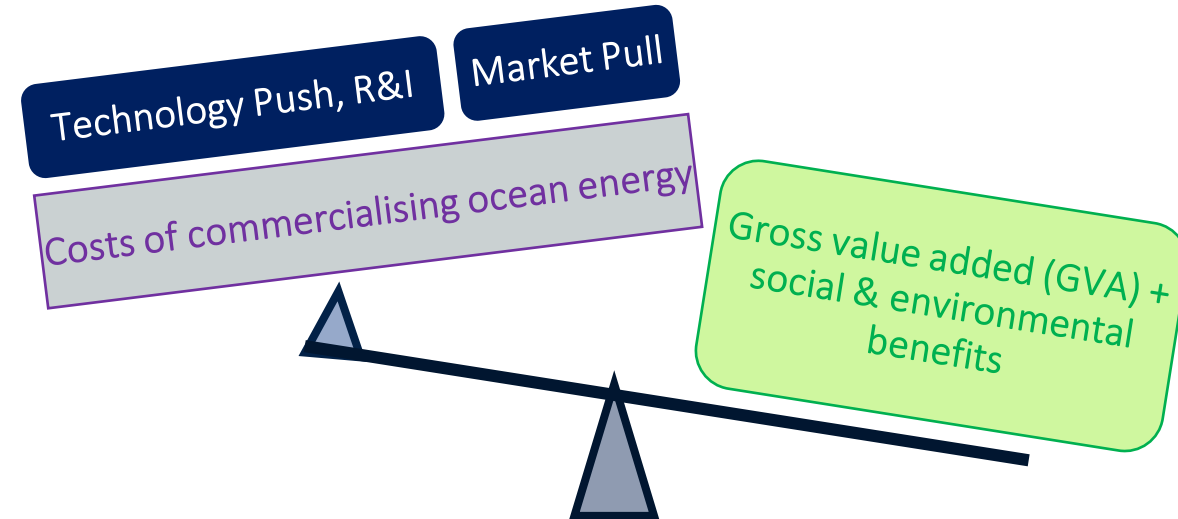
Current Scenario

- Market Pull mechanisms in UK and overseas
- Tech Push mechanisms in UK and overseas
- Research and Innovation areas

Gap and Challenges

Recommendation (Example)

- Optimum combination of Market Pull and Tech Push with least cost to consumers



Supporting Infrastructure



Current Scenario

- Establish current status of
 - Port and harbour
 - Grid infrastructure
 - Vessel and marine logistics
- Identify future requirement
- Identify current limitations

Gaps and Challenges

Recommendation (Example)

- Support necessary for upgrade and development in priority areas

Supporting Infrastructure



Supply Chain



Current Scenario

- Establish industry database
- Conduct trade analysis
- Conduct SWOT analysis
- Identify crucial segment and anchor companies for development

Gaps and Challenges

Recommendation (Example)

- Support necessary for a strong domestic supply chain



Skills and Training



Current Scenario

- Establish current status of
 - Skills available
 - Training programmes
 - Certification
- Identify future requirement

Gaps and Challenges

Recommendation (Example)

- Programmes to ensure supply pipeline of skills and talent

Skills and Training



Regulation and Legislation



Current Scenario

- Identify improvement requirement in
 - Licensing and consenting
 - Marine spacial planning
 - ORE specific health and safety regulations

Gaps and Challenges

Recommendation (Example)

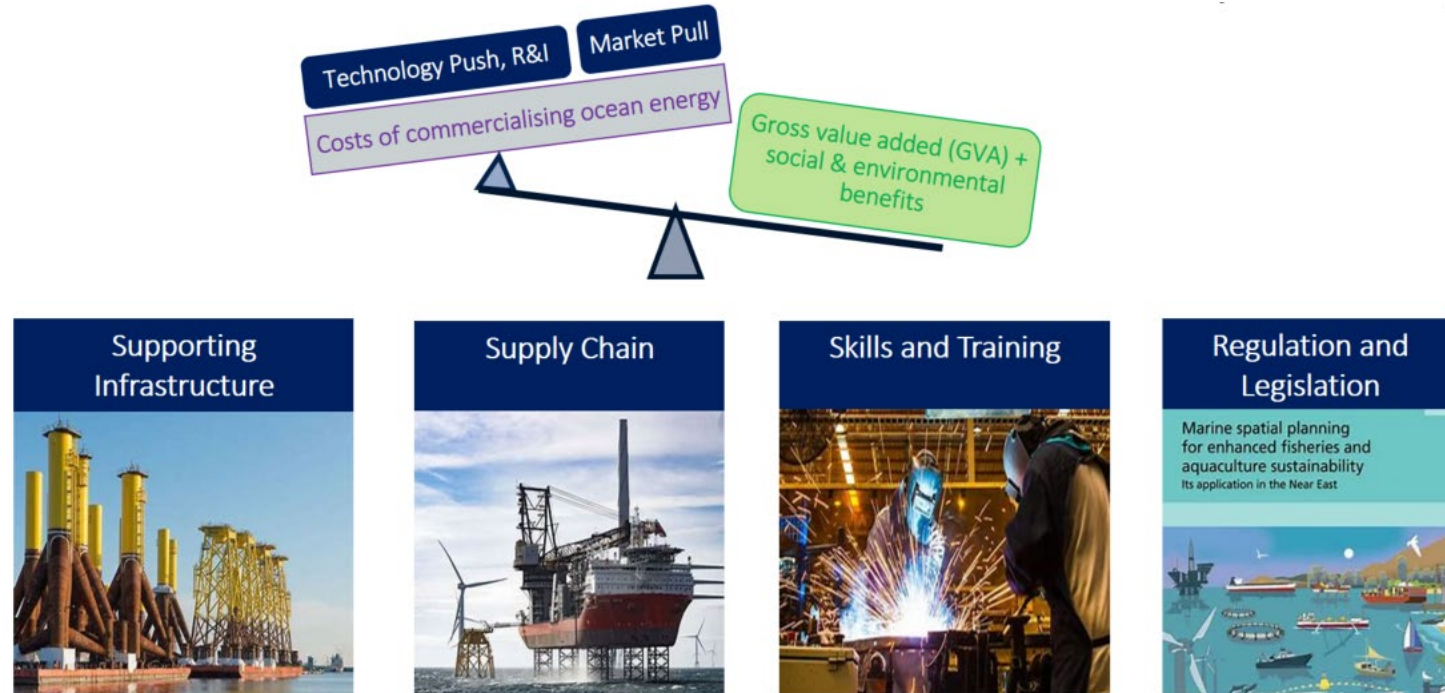
- Establishment, improvement or amendment of regulation and legislation

Regulation and Legislation

Marine spatial planning
for enhanced fisheries and
aquaculture sustainability
Its application in the Near East



Summary and way forward



Invitation for Collaboration

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