Blue Cluster: accelerating innovation in the blue economy

Connecting companies, knowledge institutions and public actors

INNOVATION AREAS



Sustainable coastal management

Offshore renewable energy

Shipping

Sustainable seafood

Maritime security

Digital sea

WHAT BLUE CLUSTER DOES



Stimulating innovation

Building networks

Sharing knowledge

International outreach

Policy recommendations

Our focus across offshore renewable energy

Lifetime and performance



Monitoring and life extension
Digital twins and digitalisation
Reliability and resilience

Smarter offshore systems



Services and logistics
Smart operations
Energy balancing

New applications



Emerging technologies
Multi-use
Scaling new offshore technologies

Enabling capabilities



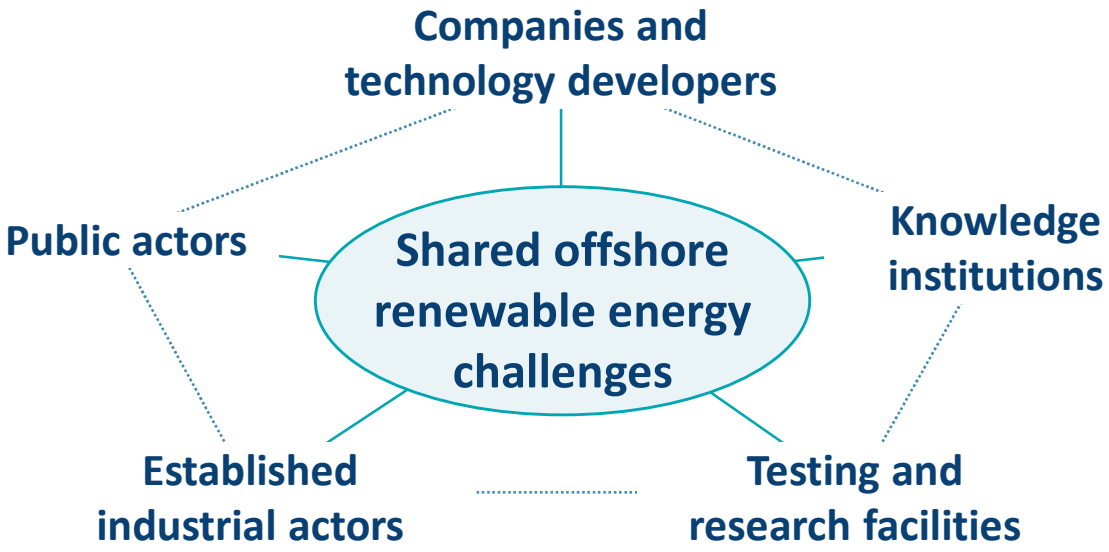
Resource and capacity constraints
Internationalisation
Access to complementary expertise and infrastructure

Across these focus areas, Europe faces shared challenges that cross borders and value chains.

Progress requires collaboration, testing and validation.

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The role of clusters in an innovation ecosystem



Cluster facilitation

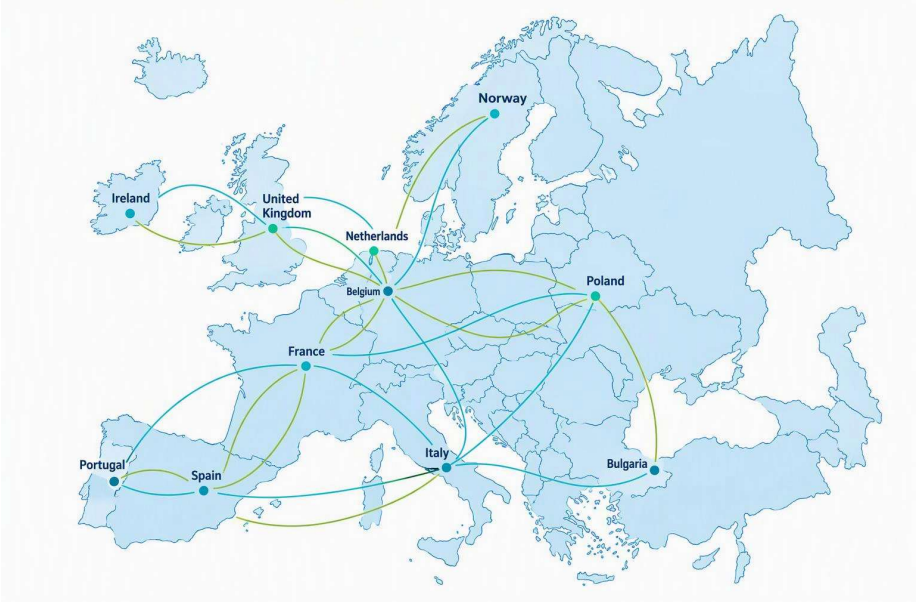
- Understanding shared needs
- Connecting complementary actors
- Facilitating knowledge exchange and collaboration
- Linking regional and European ecosystems

Clusters help connect actors and capabilities around shared innovation challenges.

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Connecting complementary capabilities across Europe

The challenges are shared across Europe, while the capabilities needed to address them are distributed across Europe. The task is to connect them.



- **European project partnerships**
- **Cluster-to-cluster cooperation**
- **International missions and matchmaking**

The right expertise, partner or testing capability may be located in another European region.

Illustrative connections, not a map of formal MARINERG-i partners.

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Opening the discussion

Where do you see the greatest need for cross-border collaboration between innovators and testing facilities?

1. Finding complementary expertise or infrastructure
2. Connecting users with the right testing capabilities
3. Developing testing and validation approaches together
4. Sharing knowledge and lessons between regions

Where could an innovation cluster add the most value?

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