



ELBE
EUROCLUSTER 

Eurocluster ELBE: Energías Renovables Marinas

*Internacionalización de la I+D+i: Oportunidades para las PYMES
a través de la Financiación en Cascada*

Junio 2023

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30 Euroclusters

171 partners

23 different countries

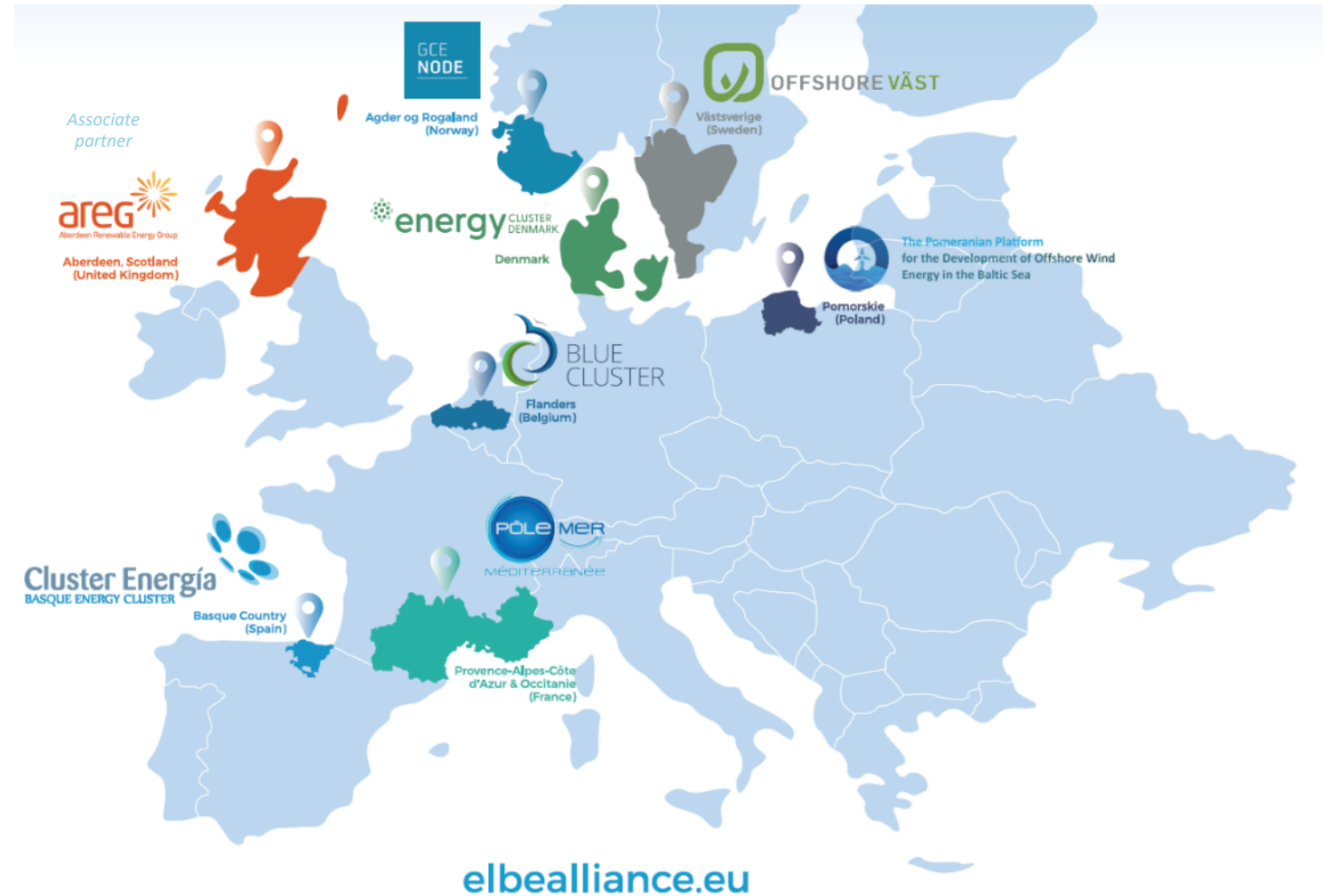
Building resilience and accelerating transition to green and digital economy through:

1. Networking
2. Innovating
3. Adopting
4. Training
5. Outreach



ELBE is an alliance of 8 clusters in leading regions and countries of the offshore renewable energy sector

Goal: To promote European collaboration in the fields of innovation, internationalisation, networking and training in order to contribute positioning Europe as the technological and industrial leader in Offshore Renewable Energy (ORE)





One **innovation** support scheme, including an innovation challenge and innovation individual services for SMEs



Specific **training** courses in the areas of digitalisation, sustainability or business modelling



One **internationalisation** mission per year to emerging ORE markets such as South Korea, Australia or Brazil



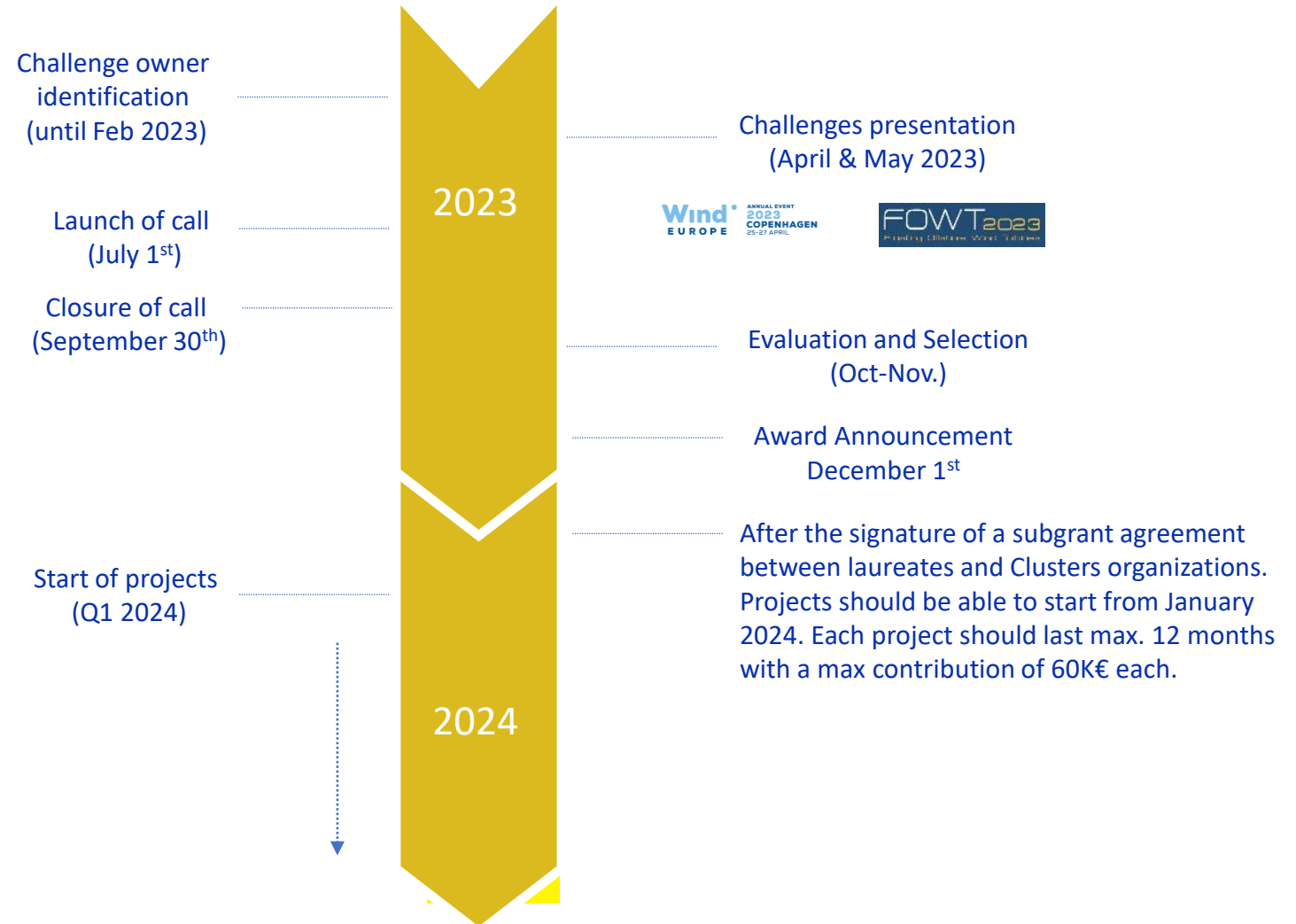
Seven **networking** events to communicate about ELBE and its activities in the framework of main conferences (WindEurope, FOWT, etc.)

1. Process for the innovation support scheme

Funding for **8 projects** addressing challenges identified by key stakeholders

Idea: To secure that the concepts selected for funding have a clear market potential based on a specific industry need & connection to potential customers

In each project, 1-2 SMEs will receive up to €60,000 to collaborate with the challenge owner to develop a potential solution



Innovation challenges & awarding criteria

1. Transfer to sea; Iberdrola (Spain)
2. Support and Monitoring of Commissioning and Maintenance activity; Navantia (Spain)
3. Operation & Maintenance: Offshore Wind Farms; Ocean Winds (Poland)
4. Offshore digitalisation; Otary (Belgium)
5. Limit floater attractivity for birds as rest area; Qair (France)
6. Drone approach to nacelle; Vattenfall (Denmark)
7. Control system development for floating Vertical Axis Wind Turbine; SeaTwirl (Sweden)
8. Data collection; Ørsted (Denmark)



Evaluation criteria	Sub-criteria	Score	Weighted score
1. Excellence	1.1 Scientific and technical quality	5	20
	1.2 Innovation potential	5	20
Total excellence			40
2. Impact	2.1 Exploitation of results/ market potential	5	30
	2.2 Adequacy to at least one of the horizontal dimensions (resiliency, green, digital)	5	5
Total potential impact			35
3. Quality and efficiency of the implementation	3.1 Quality, complementarity and appropriateness of work allocation	5	10
	3.2 Risk management	5	5
	3.3 Coherence and effectiveness of the work plan	5	10
Total quality and efficiency of the implementation			25
TOTAL (without bonus)			100
4. Consortium of 2 SMEs	4.1 Involvement of 2 SMEs		+10
5. Cross-border consortium	5.1 Involvement of 2 SMEs from 2 different eligible countries		+5
TOTAL (with bonus)			115

2. Innovation: Individual services

One call in which one SME together with its provider will be able to apply among a portfolio of 5 services.

22 support of €10,000 each

Call: January 2024



Two dedicated calls to receive training courses with preferred suppliers or third parties in the areas of digitalisation, sustainability or business modelling

20 supports of €13,500 each

First call: **October 2023**



Three (one per year) joint missions to emerging countries in ORE technologies beyond Europe such as South Korea, Brazil or Australia

45 supports of €1,800 each.

First call: **July 2023** for **South Korea**.





Thank you!

Cluster de Energía del País Vasco

<http://www.clusterenergia.com/>

