

GCE NODE

An Industry-Driven Cluster for Ocean Technologies

Horizon Europe – what's in it for you?

Isabelle-Louise Aabel

Project manager, GCE NODE

Activities of this work programme support the implementation of the

- Paris Agreement
- UNs Sustainable Development Goals
- European Economic Recovery Plan
- European Green Deal
- 'An economy that works for the people'
- 'A Europe fit for the digital age'
- EU priorities on climate, energy, and mobility



Horizon Europe legislation defines three types of impact tracked through **Key Impact Pathways**

1. Creating high-quality new knowledge
2. Strengthening human capital in R&I
3. Fostering diffusion of knowledge and Open Science

**Scientific
Impact**



4. Addressing EU policy priorities & global challenges through R&I
5. Delivering benefits & impact via R&I missions
6. Strengthening the uptake of R&I in society

**Societal
Impact**



7. Generating innovation-based growth
8. Creating more and better jobs
9. Leveraging investments in R&I

**Economic
Impact**



| Horizon Europe | | |
|--|--|---|
| Total budget: EUR 95,5 billion | | |
|  Excellent Science |  Global Challenges and European Industrial Competitiveness |  Innovative Europe |
| European Research Council (ERC) | Clusters <ol style="list-style-type: none">1. Health2. Culture, Creativity and Inclusive Societies3. Civil Security for Society4. Digital, Industry & Space5. Climate, Energy and Mobility6. Food, Bioeconomy, Natural Resources, Agriculture & Environment EU Joint Research Centre (JRC) | European Innovation Council (EIC) |
| Marie Skłodowska-Curie Actions (MSCA) | | Innovation ecosystems |
| Research Infrastructures | | European Institute of Innovation and Technology (EIT) |
| Widening participation and strengthening the European research area (EUR 2.1 billion) | | |
| Widening participation and spreading excellence. Reforming and enhancing the European R&I system. | | |

Kilde: NFR

Clusters in 'Global Challenges and Industrial Competitiveness'

| Clusters | Areas of intervention | |
|---|---|--|
| Health | <ul style="list-style-type: none"> • Health throughout the life course • Non-communicable and rare diseases • Tools, technologies and digital solutions for health and care, including personalised medicine | <ul style="list-style-type: none"> • Environmental and social health determinants • Infectious diseases, including poverty-related and neglected disease • Health care systems |
| Culture, creativity and inclusive society | <ul style="list-style-type: none"> • Democracy and Governance • Social and economic transformations | <ul style="list-style-type: none"> • Culture, cultural heritage and creativity |
| Civil security for society | <ul style="list-style-type: none"> • Disaster-resilient societies • Protection and Security | <ul style="list-style-type: none"> • Cybersecurity |
| Digital, Industry and space | <ul style="list-style-type: none"> • Manufacturing technologies • Advanced materials • Next generation internet • Circular industries • Space, including Earth Observation • Emerging enabling technologies | <ul style="list-style-type: none"> • Key digital technologies, including quantum technologies • Artificial Intelligence and robotics • Advanced computing and Big Data • Low-carbon and clean industry • Emerging enabling technologies |
| Climate, Energy and Mobility | <ul style="list-style-type: none"> • Climate science and solutions • Energy systems and grids • Communities and cities • Industrial competitiveness in transport • Smart mobility | <ul style="list-style-type: none"> • Energy supply • Buildings and industrial facilities in energy transition • Clean, safe and accessible transport and mobility • Energy storage |
| Food, bioeconomy, natural resources, agriculture and environment | <ul style="list-style-type: none"> • Environmental observation • Agriculture, forestry and rural areas • Circular systems • Food systems | <ul style="list-style-type: none"> • Biodiversity and natural resources • Seas, oceans and inland waters • Bio-based innovation systems in the EU Bioeconomy |

The EIC Accelerator supports companies (principally start-ups and SMEs) to scale up high impact innovations with the potential to create new markets or disrupt existing ones.

European
Innovation
Council



The EIC Accelerator can **support your company to scale up if you ...**



- Develop **high risk/high impact innovations**;
- Have the potential to **create new markets, disrupt** existing ones and **contribute to societal innovation**;
- Build on scientific discovery, radical thinking or technological breakthroughs (**'deep tech'**);
- Require significant **funding** over a long timeframe before returns can be generated ('patient capital').



- Financial support to the company as an individual grant of EUR 75 000 to support the initial steps in the innovation process, and the growth of the company,
- Mentoring and coaching provided by the EIC Business Acceleration Services (BAS), under the new "Women Leadership Programme", which include dedicated networking and pitching events,
- The possibility to participate in dedicated activities organised by InvestEU and Enterprise Europe Network.

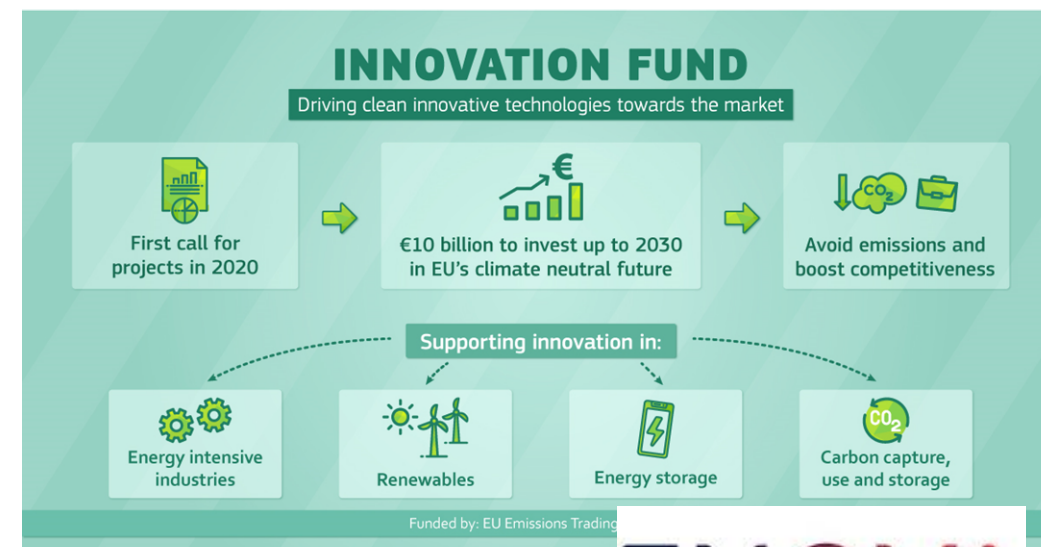
Complementary funding opportunities

New #COSME_EU Call for Proposals
Apply by 30 November!

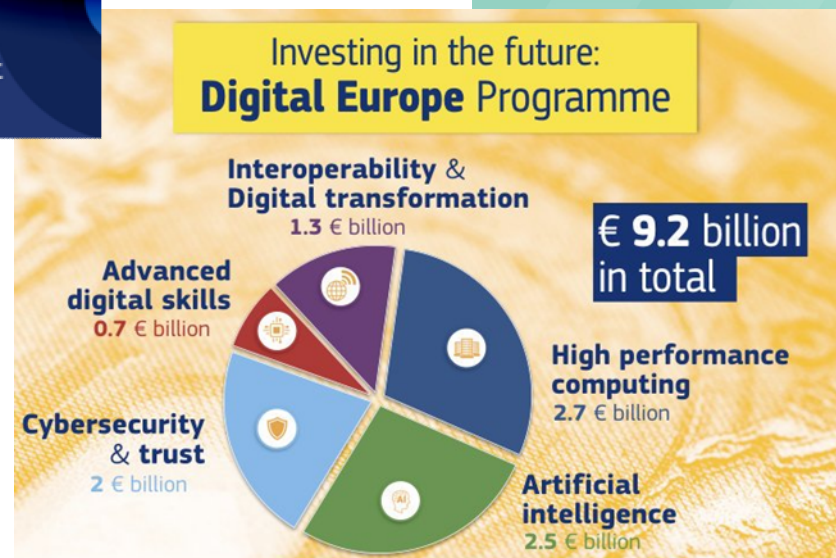
Joint Cluster Initiatives (EUROCLUSTERS) for Europe's recovery

Funding available: €42 M

 #SingleMarket



ENOVA



#EUBudget
#DigitalEurope

 **Digdir**

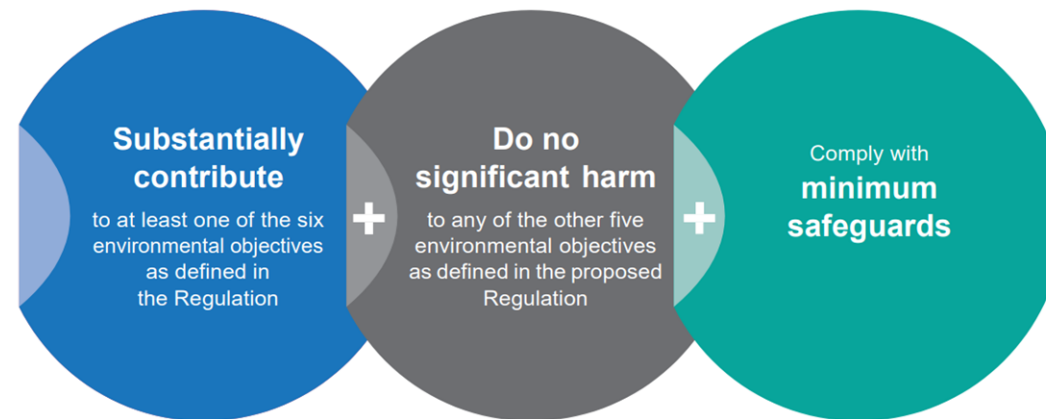


The EU Taxonomy



The Taxonomy sets performance thresholds (referred to as ‘technical screening criteria’) for economic activities which:

- make a substantive contribution to one of six environmental objectives (Figure 1);
- do no significant harm (DNSH) to the other five, where relevant;
- meet minimum safeguards (e.g., OECD Guidelines on Multinational Enterprises and the UN



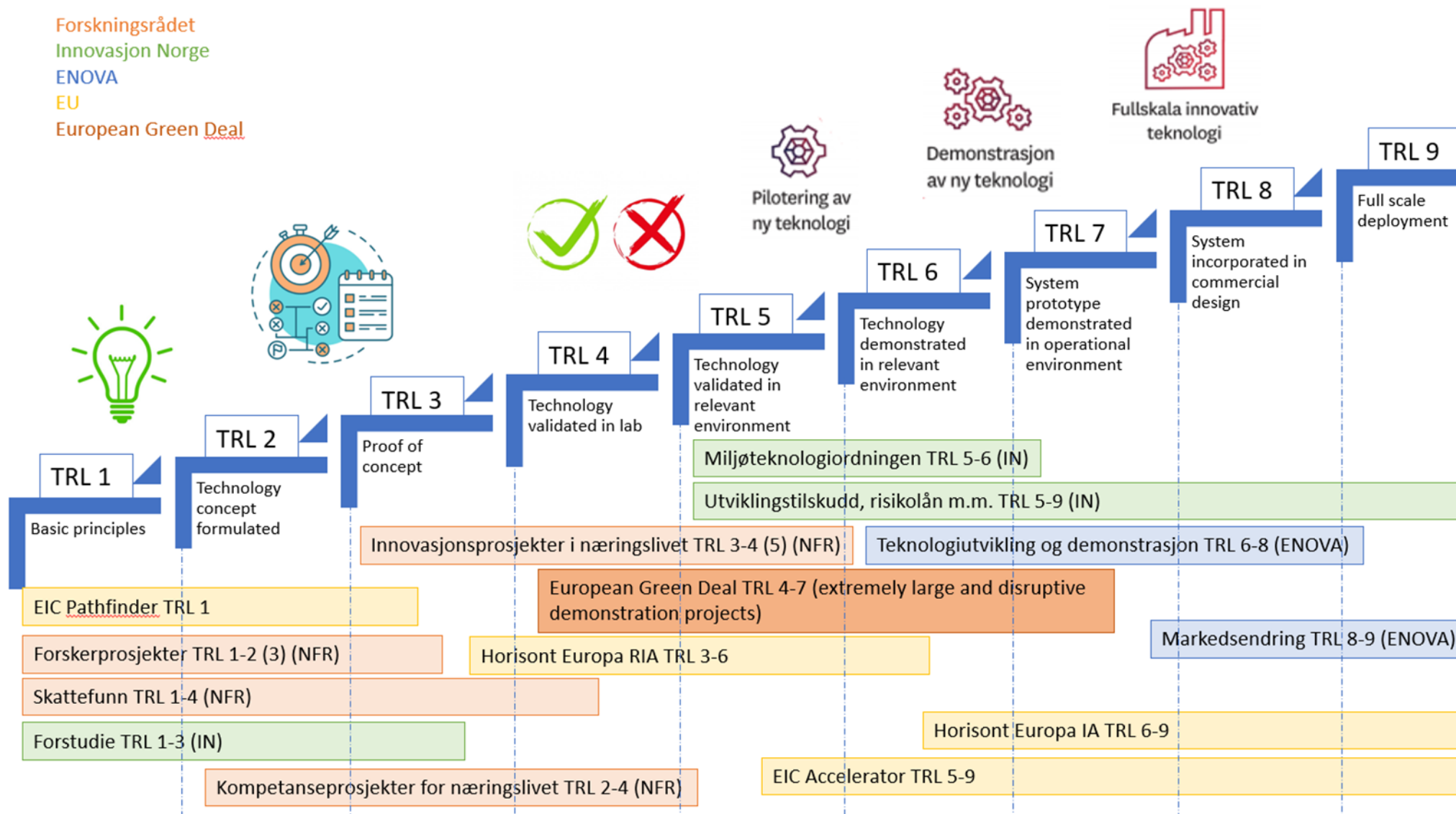
GCE NODE – our European network

- Wind Europe
- Ocean Energy Europe
- ELBE+, industrial value chain to new blue markets
- EU Advisor network from Norwegian clusters
- Bilateral agreements with European clusters:
 - Pole Mère Bretagne Atlantique
 - Interizon ICT Cluster
 - University of Rijeka, cluster development
 - RISE
 - more



In norwegian, can be translated if any one would like to have this

Forskningsrådet
Innovasjon Norge
ENOVA
EU
European Green Deal



Vanskelighetsgrad og mulige (gratis) hjelpere

| Program | Programeier | Vanskelighetsgrad | Mulige gratis hjelpere (i tillegg til GCE NODE) |
|------------------------------------|--------------------------------|---------------------------|--|
| SkatteFUNN | Forskningsrådet | Lav (~80 % tilslag) | Bedrift klarer selv |
| Forprosjekt | Innovasjon Norge | Lav/medium | Innovasjon Norge rådgiver |
| Innovasjonskontrakt | Innovasjon Norge | Lav/medium | Kunden, Innovasjon Norge rådgiver |
| Miljøteknologiordningen | Innovasjon Norge | Lav/medium | Innovasjon Norge rådgiver |
| Idéavklaringsmidler | Forskningsmobilisering Agder | Lav | Kompetansemeglere i Forskningsmob. Agder |
| Regionalt forprosjekt | Regionalt Forskningsfond Agder | Medium | FoU-partner |
| Innovasjonsprosjekt i næringslivet | Forskningsrådet | Høy (~30 % tilslag) | FoU-partner, kunde |
| EIC Accelerator, | EU | Svært høy (~x % tilslag) | EU-rådgiver, Innovasjon Norge |
| Fellesprosjekter i EU | EU | Svært høy (~10 % tilslag) | Konsortiet, EU-rådgiver |

I am available for more questions and talks – my contact information is:

isabelle@gcenode.no

+47 99275549