

#### About BLUESPRING





1.25MW dam-integrated array of 5 turbines
Eastern Scheldt Storm surge barrier for Tocardo



200kW floating platform Island of Texel for BLUEWATER



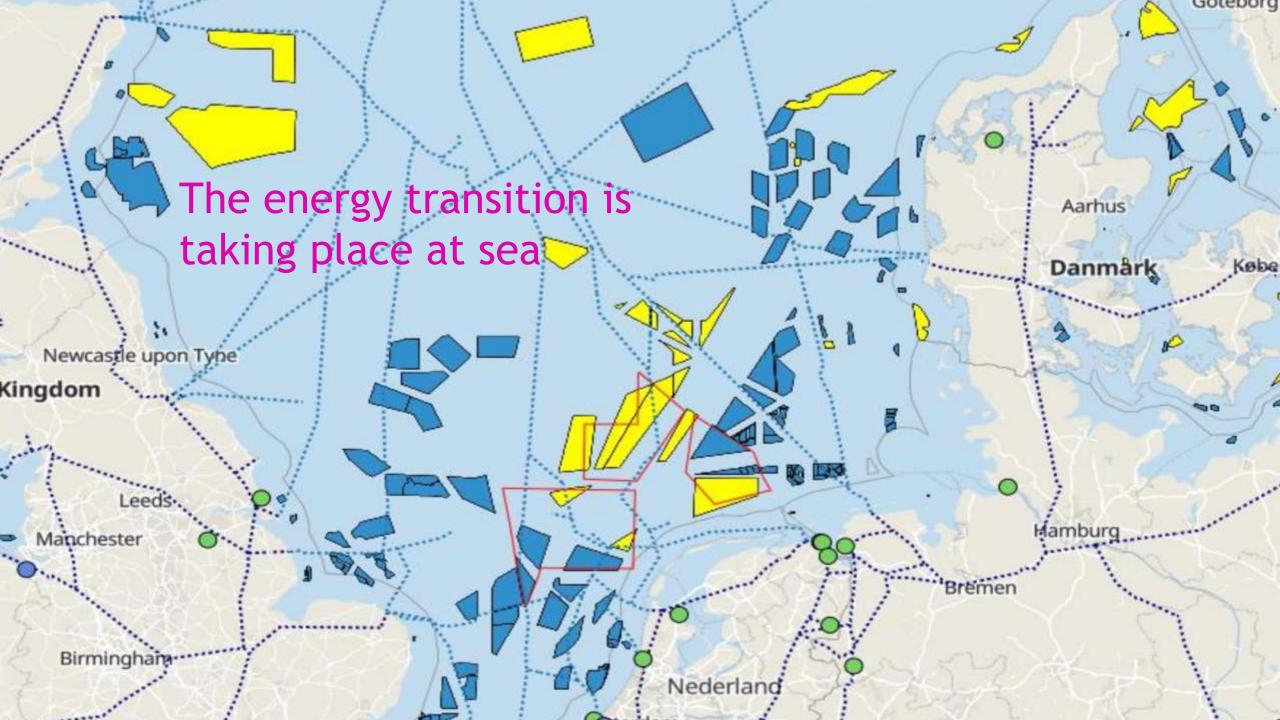
#### Content

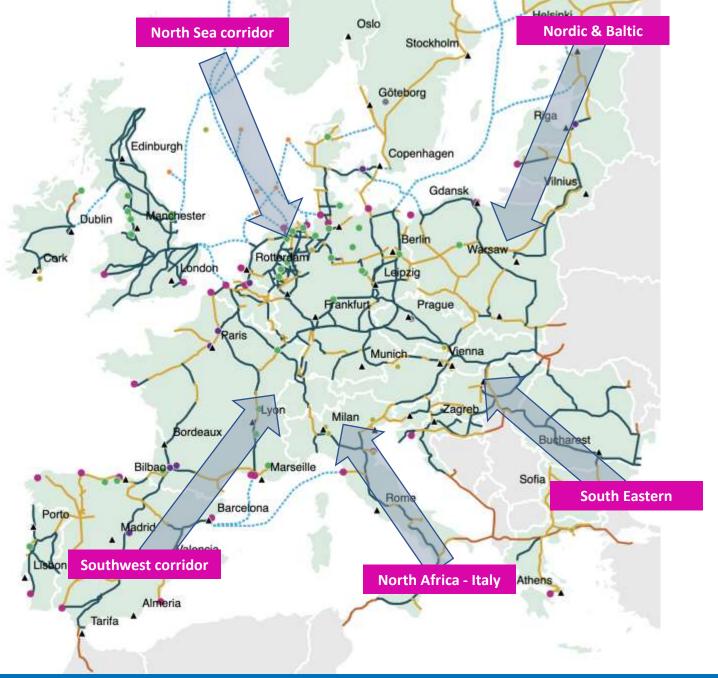
- Vision
- Adaptive policies
- Derisking
- Markets & Business Cases
- Services
- Skills & training
- What's next & your role



## Vision

A 100% renewable energy system for all by 2050







The European Green Hydrogen Backbone requires all forms of renewable energy and lots of it, 24/7!

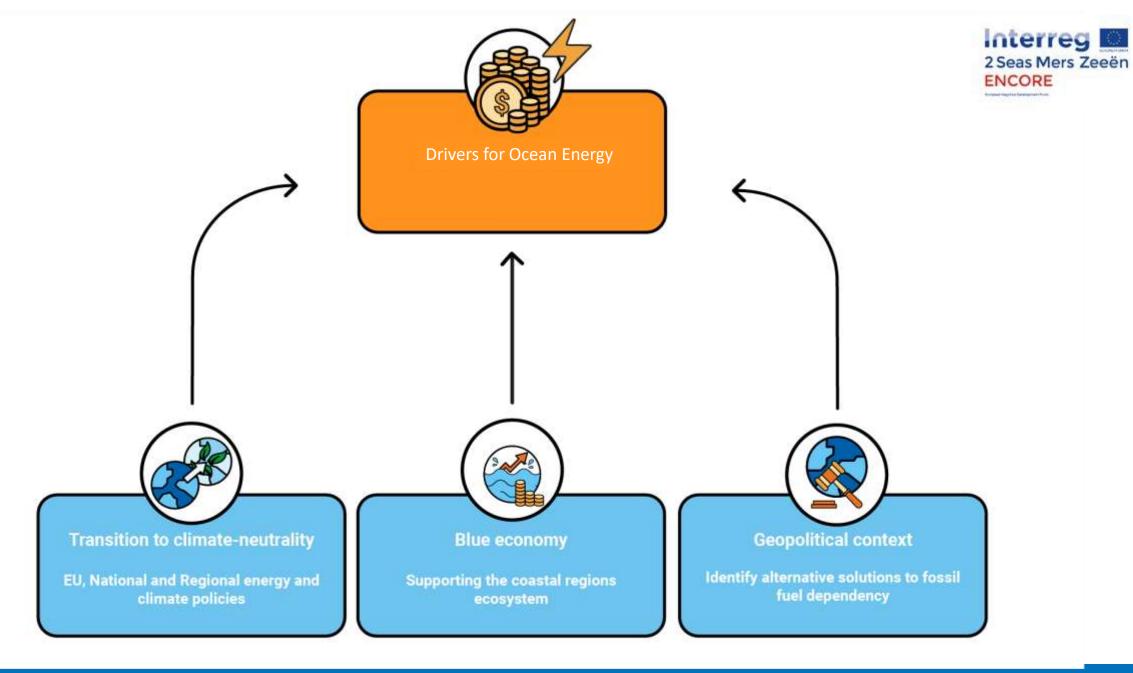
ehb.eu





# **Adaptive Policies**

A tool box for policy makers



## In simple Dutch:

- Designing a policy that takes stock of technology progress and supports commercialization
- Building trust to keep moving forward and unlocking ORE potential in coastal regions



#### Policy recommendations



- Removal of commercial barriers as technology progresses.
- A feedback mechanism, based on validation of technology progress like stage-gate metrics, enables regulatory action
- Value-based approach to the design of policies to support the rollout of OREs
- Regions and test sites have a key enabling role.
- Include multi-use considerations in offshore wind developments



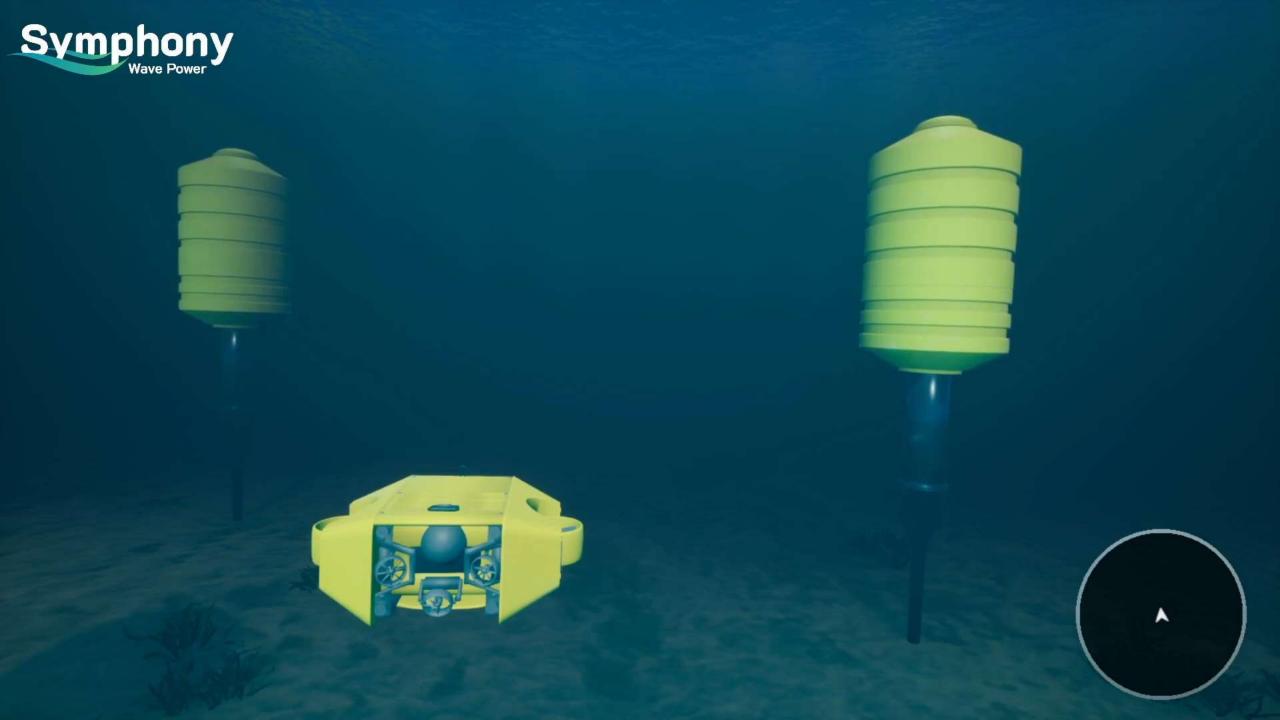
## derisking & demonstration

floating solar, wave energy and tidal energy









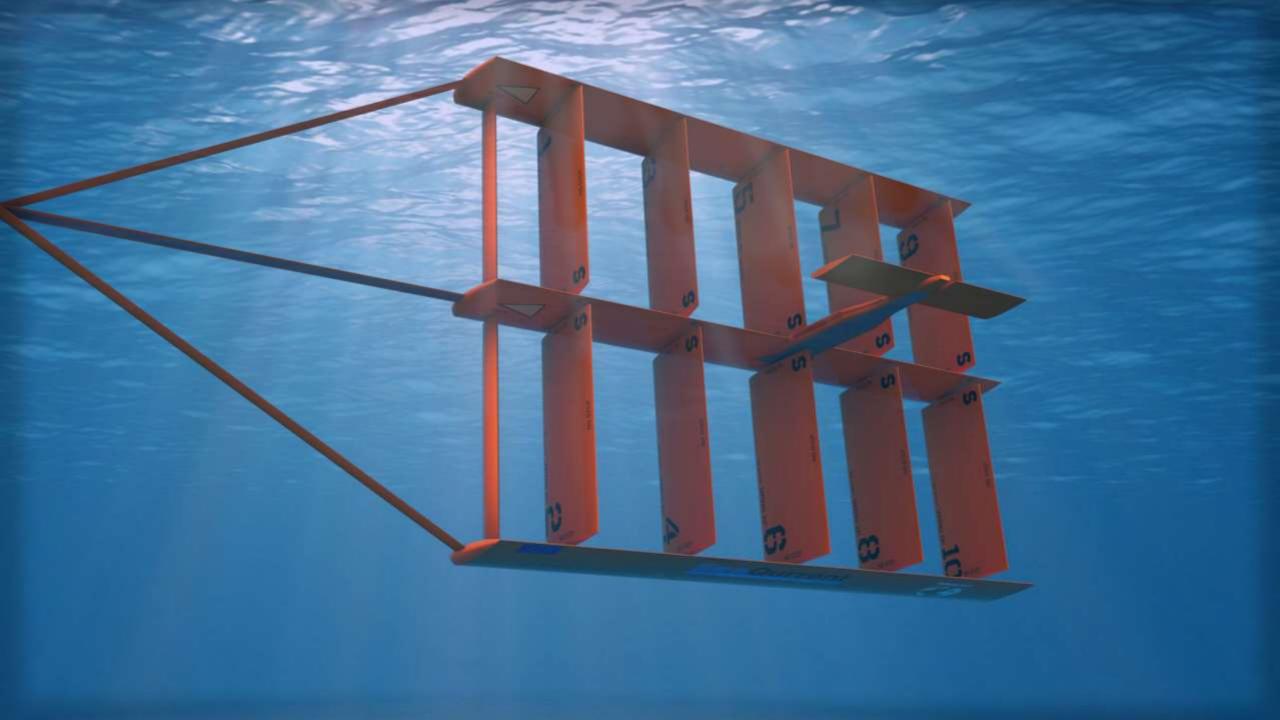














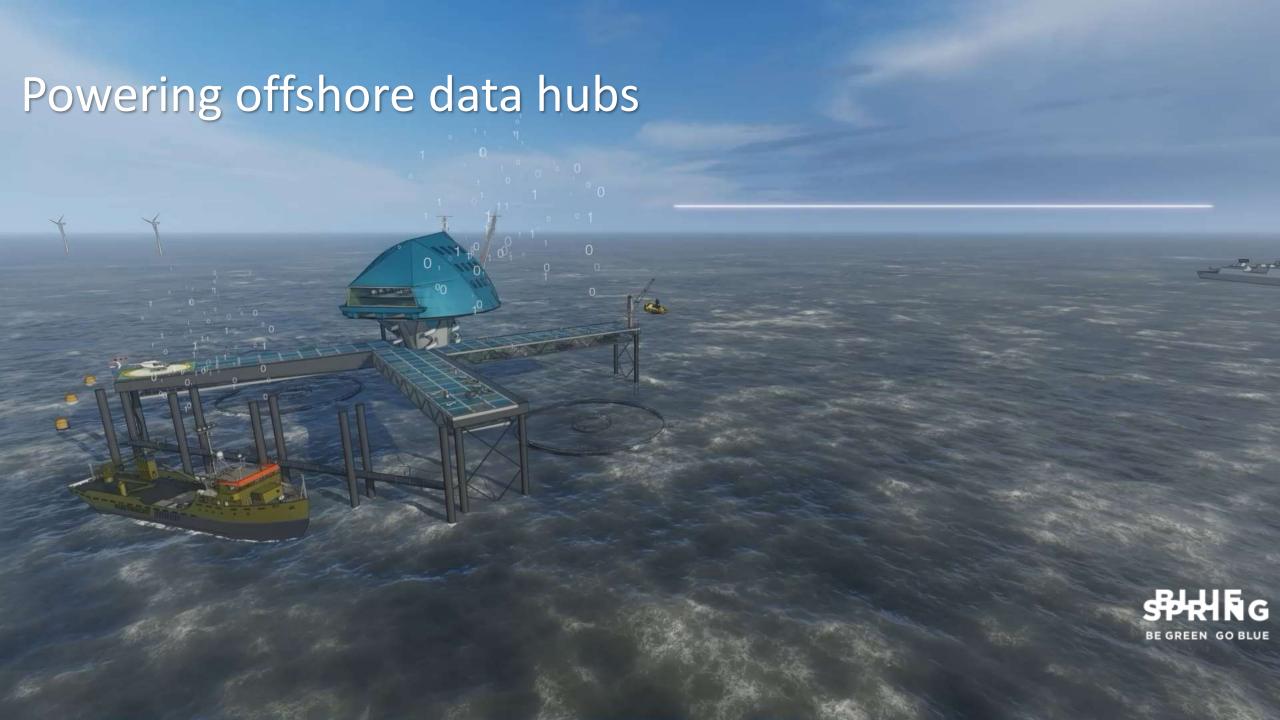


## Markets & Business Cases

Ports, infrastructure, standalone/autonomous applications and offshore energy farms







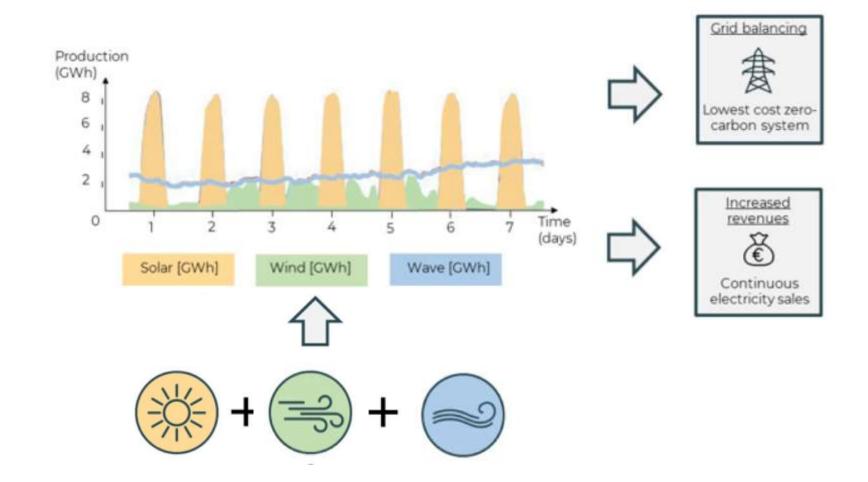






**Benefit 2:** increased revenues

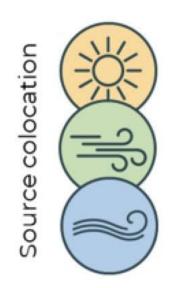




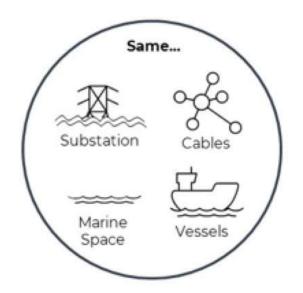


Benefit 4: cost reduction



















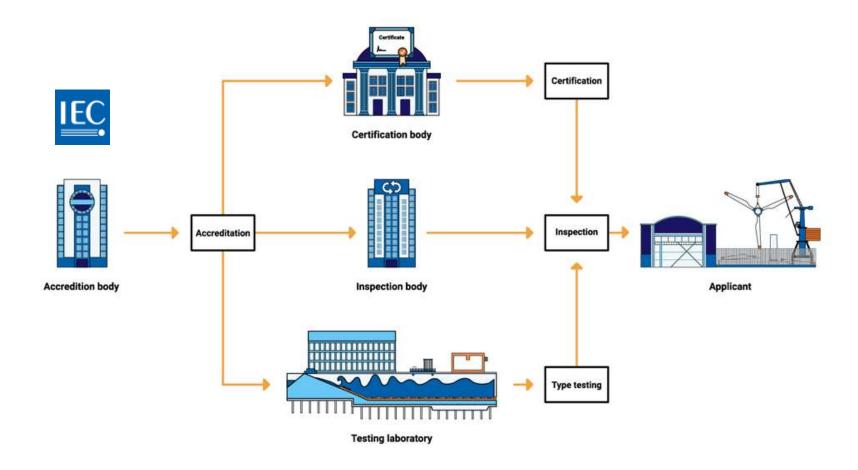


## Services

Technical & commercial services



#### Certification





#### Supply chain opportunities

- Components, manufacturing & assembly
- Installation & inspection
- Smart Maintenance (remote & unmanned)
- Nature-inclusive solutions -> Net Positive Biodiversity (NPB)
- Seabed security



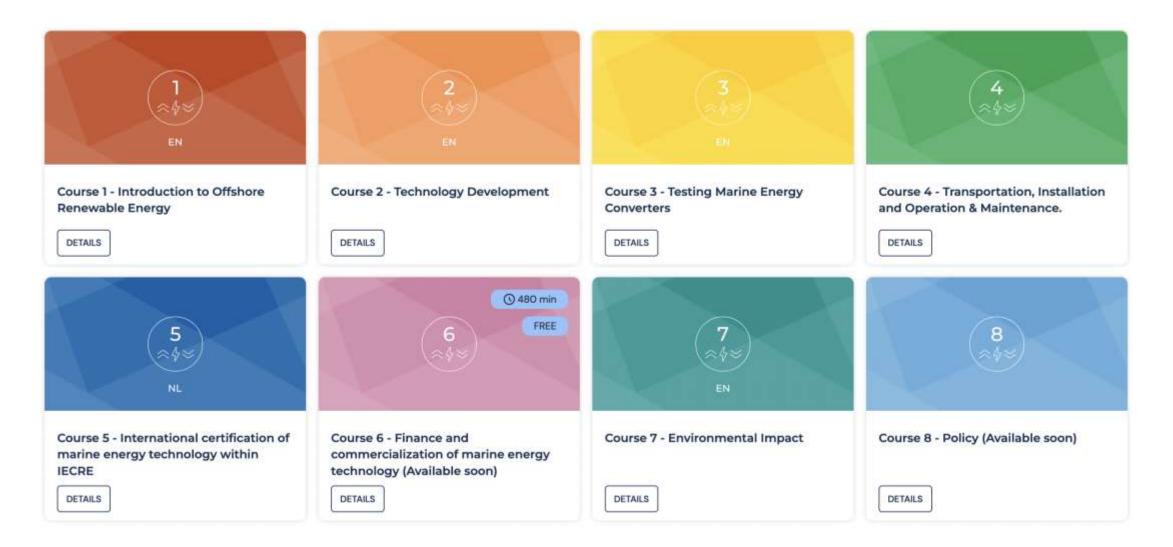
# Skills & Training

Online elearning, Master Classes & EU Pact for Skills



#### 8 online courses







# Join the Offshore Renewable Energies partnership in the EU Pact for Skills

































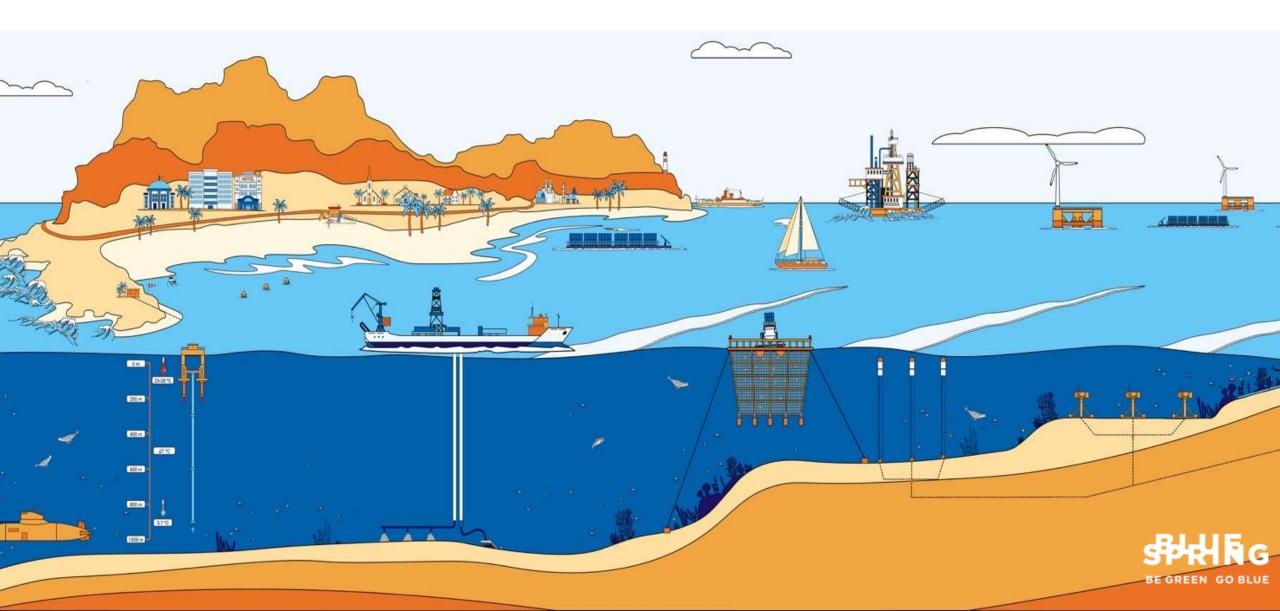




## What's next?

Scale-up & accelerate?

## Large scale demonstration projects





#### Summary

- Vision: we need all forms of renewable energy to feed the hydrogen economy
- **Technologies**: we showed its possible, now scale up
- Markets: from niche to large scale
- Services: added value through supply chain, expertise and networks
- Adaptive policies: in order to celebrate successes, we need to share the risks
- Skills & training: >700.000 people need to be trained in EU
- Scale-up & accelerate: projects, projects, projects



