



Union for the Mediterranean Stakeholder conference on the Blue Economy Panel 1. The future of the blue economy

Port of Vigo

BLUE GROWTH

Naples 29,30th Nov 2017



Port of Vigo Authority's reminder on how Blue Growth's initiative should be applied



- It should be addressed as a **holistic approach**: it should be seen as a whole and not as the sum of independently analyzed parts.
- It should be **implemented specifically** for each economic área.
- **A bottom-up approach** is needed.
- It is an **incremental** methodology.
- It must be susceptible of being **exported** to other areas. It seeks to **attract private investors and funds**.
- Its main goal is to achieve **technological and managerial innovation**, as well as to preserve and develop maritime and port culture.

Port of Vigo Authority's reminder on how Blue Growth's initiative should be applied

- The resulting projects should be well defined and work as **spin-offs** of the parent initiative.
- A **sufficiently comprehensive institution** should lead the initiative in each location: in this case the Port of Vigo Authority
- **All sectors** of the blue economy are intertwined and **must be energized with the same intensity and at the same time** (Porter's theory).
- It is an exercise of social and economic innovation based on the **basic principles that founded the EU**



If you want to travel fast, walk alone, but if you want to travel far, walk together.

Support:



DIRECTORATE-GENERAL FOR
MARITIME AFFAIRS AND FISHERIES
MEDITERRANEAN AND BLACK SEA

Partners:



Vigo Dialogue: Currently more than 300 participants in the Working Groups (are living).



The Blue Growth analysis is the product of the collective effort of the Port of Vigo users



Main areas of Blue Growth.



- **FAO** identifies 4 areas, selected to promote growth, improve conservation, build sustainable fisheries, as well as a catalyst for policy development and foster cooperation between countries.

- Aquaculture
- Capture fisheries
- Seafood systems
- Eco-system services

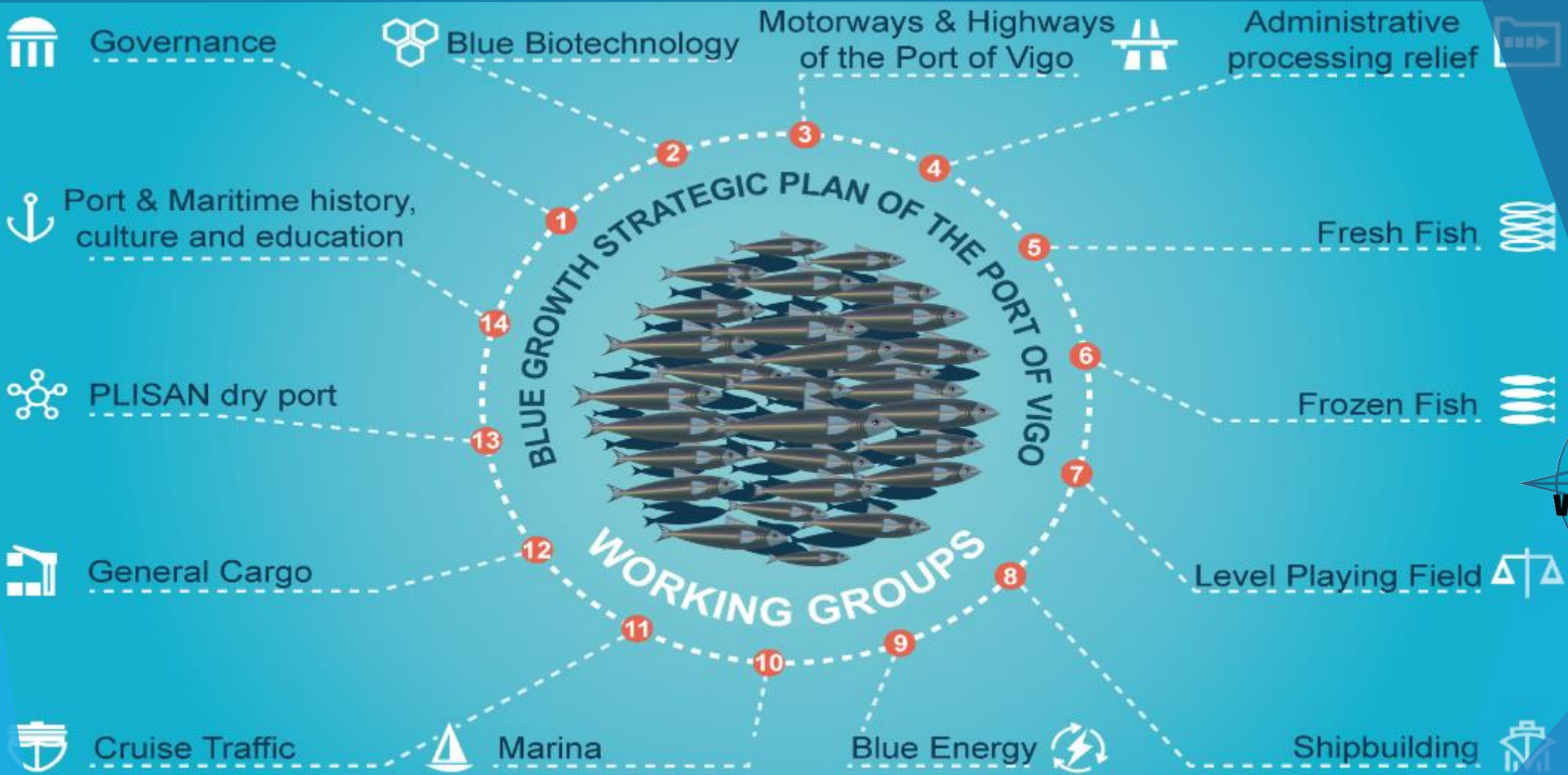


- **European Commission** emphasizes five sectors. These are selected from EC understanding of that value chains provide sustainable growth and employment.

- Blue Energy
- Aquaculture
- Coastal, maritime and cruise tourism
- Marine mineral resources
- Blue biotechnology

- **PORT OF VIGO**, sectors are to be identified in each geographic area as each of them have proper characteristics to be referred. From Port of Vigo we have identified many other sectors related to different value chains represented in our area of influence.

Vigo's Blue Growth focal areas and working groups: 14 sectors have been identified 14 working groups



Working Groups established by the Port Authority of Vigo according to the sectors defined by the European Commission

A different model of Port management. The Port as a catalyst for the blue economy



Port Board of Public Works

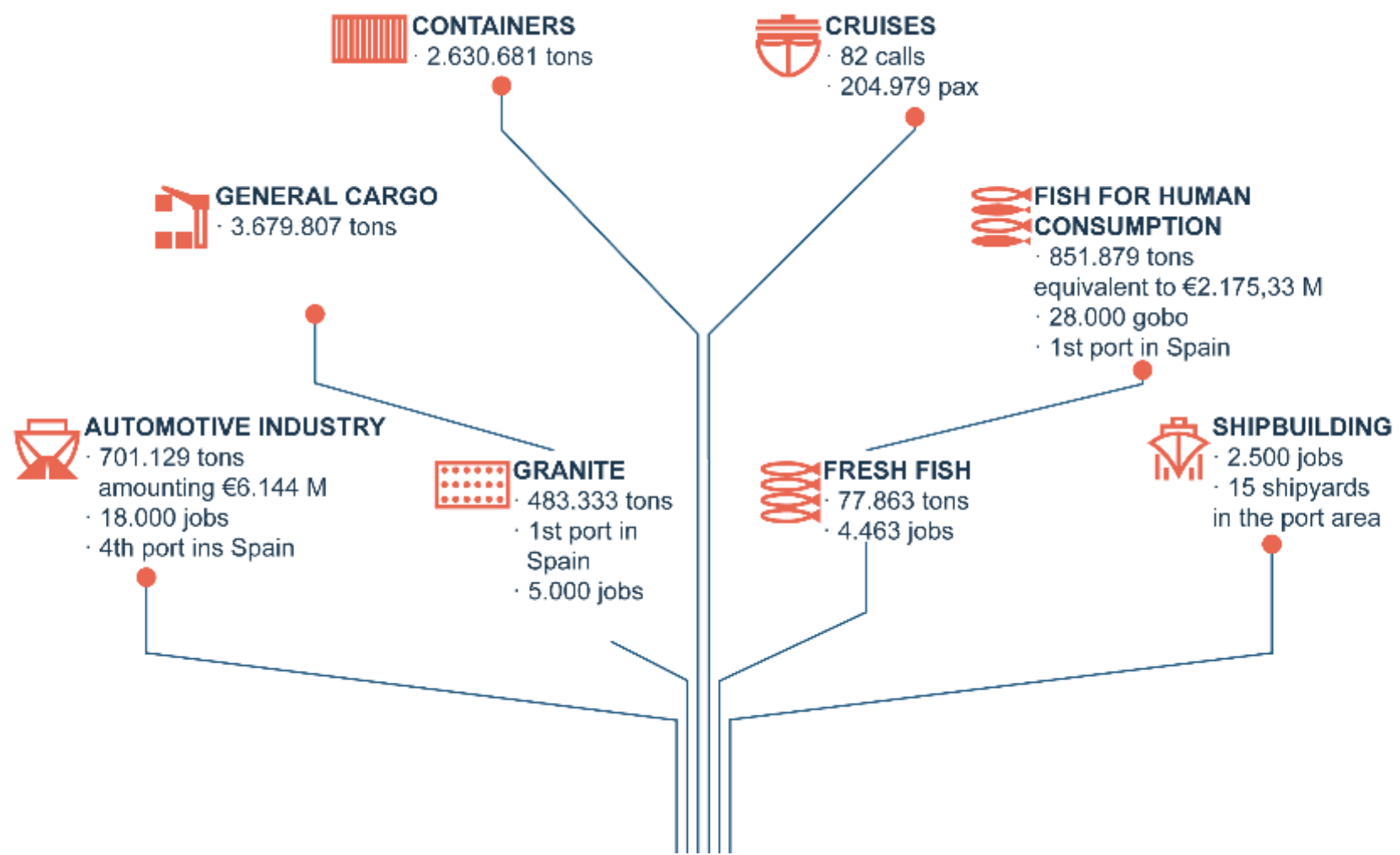


Port Authority



Port - Blue Growth

Why the Port of Vigo? Diversified port



Las actividades destacadas que se desarrollan en el Puerto de Vigo o están vinculadas a él pertenecen a distintos sectores y dan lugar a una economía diversificada y más sostenible en el tiempo.

The core of the Atlantic Motorway of the sea



Containers Line to supply the industry of the Region



The most important fishing Port in E.U.

Port of Vigo

Port Authority of Vigo



An important naval industry with 15 shipyards



An important port of cruises and nautical tourism



Projects under implementation by Objective



GREEN PORT

TUTATIS: Renewable **self-sufficient** Cies
Ecosystem recovery, seabed regeneration, and environmental surveillance
SEPORHA: **self-sufficient** Port



INNOVATIVE PORT

LNG: Samuel, Hive, LNG Atlantica Mos
Sustainability, efficiency and energy self-sufficiency in maritime-port environments
Smart Viport



CONNECTED PORT

Marinnleg: Level playing Field
Port 4.0



INCLUSIVE PORT

Shell-fishing multifuncional boat and sector modernisation
Marine Association in Ria de Vigo

Green Port. Integration in the Green Port



- Port of Vigo announced it will reduce by 30% its emissions (CO2, SOx and NOx) and will reach 3% energy self-sufficiency by 2022.
- To achieve this it will carry out actions that will **promote LNG use** and application of **innovative actions on algae capture of CO2**, support implementation **100% clean energy self-sufficiency for National Natural Park Illas Cies** as a pilot project and raise **awareness/training of at least 1000** users of Port of Vigo (all activities included) on the need for clean and blue energy."



Samuel LNG



Core LNGas Hive



Is it real? YES. Modernization of the fleet and traditional sector

The vessel of the future is intended to be designed in order to dignify the work in the sea at the same time that the fleet (35 years old) is **modernized under competitiveness and environmental criteria**. **This vessel will improve sea worker's life by improving working conditions and constant contact with their homes.**

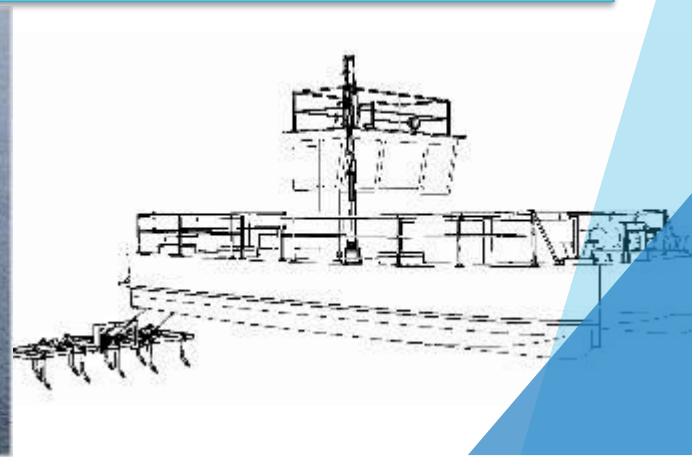
Main Beneficiaries: 20.000 Galician women and men who improve their working conditions and productivity onboard.

Indirect: Consumers receive higher quality products and access more volume in the market.

Modernization of shellfish sector and recovery and maintenance of shellfish Banks: High contribution to improving the working conditions of shellfish farmers, Positive impact on biological productivity, Positive impact on environment , Innovation: Design, prototype, high scalability

Main beneficiaries: 3.000 women and men who improve their working conditions and productivity

Indirect: Consumers receive higher quality products and access more volume in the market.



Is it real? YES. Promoting competitiveness of the sectors by joining forces

Marinnleg: Center for Innovation in Maritime and Fishery Legal Studies. Strengthening the competitiveness of the maritime and fishery sector through innovation in legal studies.

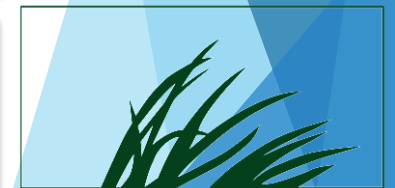
- *First Public Private Partnership initiative to provide innovation in legal studies in Spain*
- *Activities and services: training, in-depth analysis, dissemination of legal know-how, research, cooperation in projects, others.*
- *Already main achievements: Brexit analysis, Tax Lease, naval construction, others*

Association of Marine sector in Ría de Vigo : Promoting competitiveness of nautical sector by associativism.

- *Private – Public partnership in the nautical sector in Ría de Vigo all along value chain.*
- *More than 30 companies*
- *Activities and services: training, information, projects, local and international commercialization.*

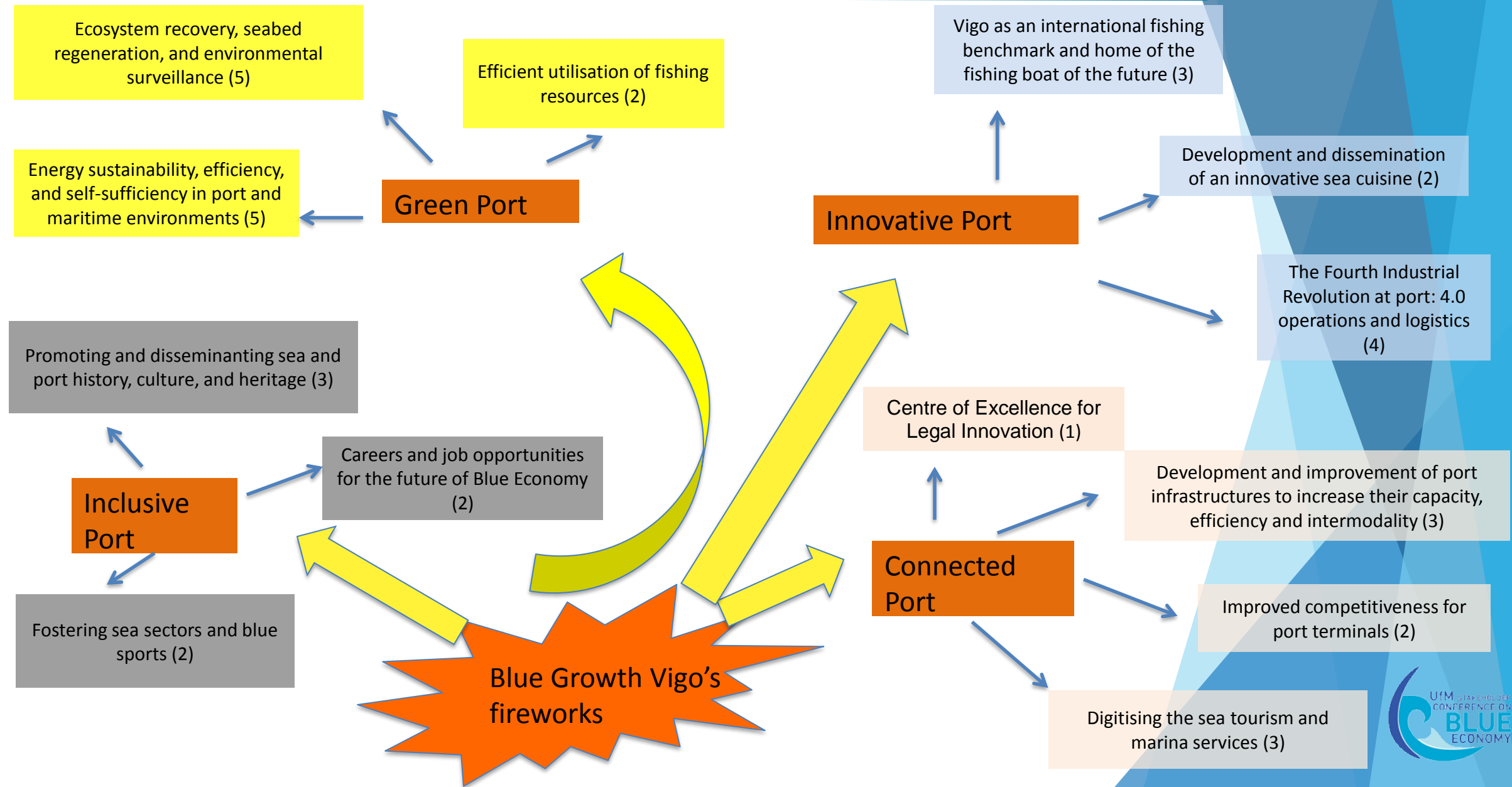
Blue Careers Training: The project aims to update and promote the qualification of professionals of the port sector and its adaptability to the labour market in order to maintain employability and improve its career progression. Always within the framework of professional positioning aligned with the sustainable economies and blue growth

The target audience (1000 persons) of the project will acquire the knowledge related to technical methodologies in order to adapt processes of the port logistics to the conditions derived from climate change, or new technologies 4.0 among others.



Fundación Biodiversidad

Is it real? YES. Currently More than 44 projects



We are working together for a sustainable development, blue economy and blue society

¡THANK YOU!!

Fuente: Spaincoast