









### **ECOAZUL-MED**

# Fishing Sector: implications for green/blue jobs

### **FUTURE CLIMATE CONDITIONS**



**Atmospheric** heat waves

Relative air humidity

Summer precipitation % of days with heavy precipitation

Prolongation of summer thermal conditions

Sea-surface temperature Marine heat waves

Sea-surface salinity

Changes in the magnitude of the velocity of ocean currents





#### POSSIBLE SOCIO-ECONOMIC IMPACTS

#### **ADAPTATION MEASURES**

#### **FISHERIES PRACTITIONERS**

- · Adjustment of fishing efforts
- Use of climate service tools or alert systems
- Collaboration of the fishing sector with other economic sectors to promote diversification

#### **PUBLIC ADMINISTRATION**

- Promotion of responsible consumption, labeling, and new species
- Promotion of R&D to improve understanding of the causes of population changes in order to manage stocks properly
- Protection of key species
- Establishment of protected areas

#### R&D

- Research on new climate service tools or alert systems
- Promotion of R&D+i to improve understanding of the causes of population changes in order to manage stocks properly
- Research to increase the selectivity of fishing gears and equipment

#### **CITIZENSHIP**

- Introduction of new species into the diet
- · Responsible consumption of fish products



## Implications for green & blue jobs

Green jobs are decent jobs that contribute to preserve or restore the environment, be they in traditional sectors such as manufacturing and construction, or in new, emerging green sectors such as renewable energy and energy efficiency

Blue jobs are based on the promotion of the employability for the protection and environmental sustainability of marine spaces in the development of jobs that respond to social and environmental justice

Adaptation measures to promote a sustainable and resilient fishing sector in the region require an empowerment of green and blue jobs. Some examples are professionals on:



#### Renewable energy

engineering profiles for solar thermal plants, wind farms, for e.g., offshore aquaculture



#### **Education in sustainability**

trainings regarding biodiversity, dynamics of commercial species, new technologies etc.



#### R&D+i

to develop new climate service tools or alert systems, understaning the causes of stock changes, alternative fuels etc.



#### **Energy services**

aim to improve the efficiency of fishing vessels



#### Consulting, engineering and environmental audit

calculation of carbon footprint, development of energy efficiency products, reduction of pollutants



Scientific dissemination



Pollution evaluation, control and prevention



#### Waste

management, valorization, circularity of by-pass products



#### **Ecopreneurship**

self-employment of people who support the green philosophy



#### **Ecodesign**

to achieve products with greater energy efficiency, recyclability, lower material consumption, a longer useful life and a zero ecological footprint



#### Modification of fishing vessels to reduce fuel costs and

emission of pollutants













