









### **CONSERVING ATLANTIC BIODIVERSITY BY SUPPORTING** INNOVATIVE **SMALL - SCALE FISHERIES CO-MANAGEMENT** (CABFISHMAN). EAPA\_134/2018

Leaded by AZTI

**Arantza Murillas - Maza** amurillas@azti.es

**Estanis Mugerza** emugerza@azti.es

ARTISANAL FISHERS IN FUTURE FLAGS 28<sup>TH</sup> MAY 2021

# HOW DOES CABFISHMAN SUPPORT SSF FACING CHALLENGES?

- ✓ Under the new approach for a **sustainable blue economy** (COM (2021) 141) strong challenges should be addressed by SSF
  - ✓ Climate neutrality and zero pollution
  - ✓ Circular economy
  - ✓ Biodiversity and investing in nature
  - ✓ Coastal resilience
  - ✓ Responsible food systems
- ✓ Other challenges
  - ✓ New Control Regulation challenges
  - ✓ Application of the CFP (i.e. Art. 17),...
  - ✓ SSF Governance
  - ✓ SSF social dimension: women in value
  - **√** ....



#### **HOW CABFISHMAN?**—

#### SSF ECONOMIC GROWTH

#### SSF Food provisioning value

market based

- Apps, tools for getting track, catch data in real time
- Digitalisation tools
- A common method (AA) to assess the economic value of the fishing activity and fishing grounds
- Operational data
  - Economic valuation (added value) of FOOD PROVISION ES

#### <u>Cultural</u> <u>heritage</u> Value

non-market based

- Mendeley DB inventory (1000 registries)
- A common Valuation Tool
- 2 valuation methods (CV, Travel cost method)
- Operational data
  - CULTURAL ES assessment 3.000 surveys
- GEO TOOL -Forum

#### SSF SUSTAINABILITY BLUE ECONOMY

#### Climate Change

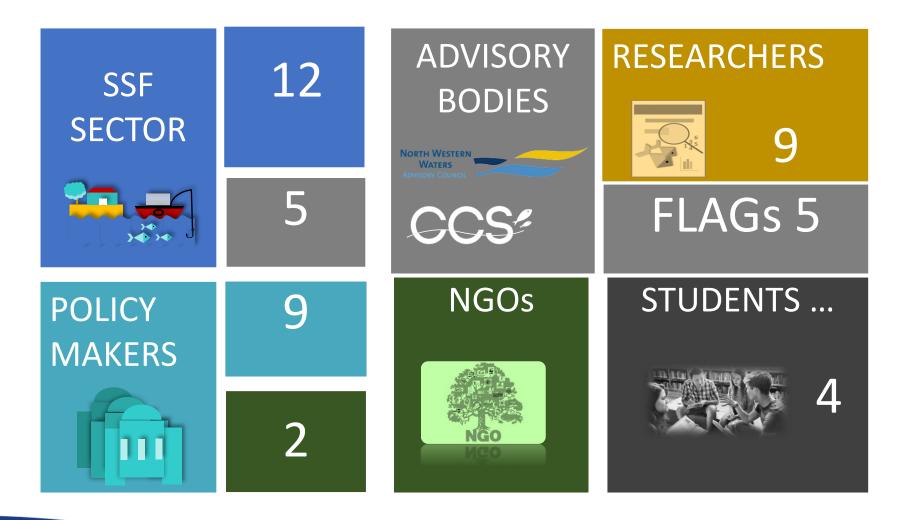
- A common method to assess the contribution of the SSF Economics to the GLOBAL CLIMATE CHANGE -CARBON FOOTPRINT
- Operational data
  - Assessment of the impact on REGULATING ES
- GEO TOOL Forum

#### <u>Impact</u> assessment

- 1 method to consider all potential impacts into a holistic approach: an impact matrix
- Operational data
  - Matrix applied across the AA identification the most/less harmful fishing gears
- Stakeholders engagement
- Including REGULATING ES trade offs
- GEO TOOL Forum



#### **OUTPUTS BY USERS**





#### TRANSFERENCE TO CLLD PROJECTS?-

# SSF Food provision value

- ✓ Pilot projects on digital platforms for SSF decision making on board (reporting apps...).
- ✓ Pilot projects: SSF Spatial management: effort but also economic patters characterisation
- ✓ Creating networks
- **√** ...

# **Cultural** heritage

- ✓ Ocean literacy: Re- discovering and promoting the cultural and natural SSF inventory
- ✓ Pilot projects: Valuing the SSF cultural and natural heritage
- Pilot projects: Cultural values impacts (direct and induced ) on coastal communities
- ✓ Permanent teaching youngers
- ✓ Creating networks

#### PILOT PROJECT: SSF ECOSYSTEM SERVICES ASSESSMENT





- ✓ Pilot projects: Measuring and analysing the carbon footprint for the SSF
- ✓ Creating networks
  - ✓ Installation of tools to measure and control diesel consumption

## Impact assessment

- ✓ Pilot projects to measure and analyse the impacts on marine biodiversity (biological/ chemical/ fishery...)
  - ✓ Collection of marine litter incidentally caught by fishing gear
  - ✓ Selectivity measures to reduce discards in the artisanal fleet (and others)
  - ✓ Creating networks...
  - ✓ ..

#### https://www.cabfishman.net/webinars/

#### @Cabfishman









