

FAIRSEA | MPS | dr.sc. Danijela Mioković

SECOND INTERNATIONAL STAKEHOLDER MEETING

Virtua | 23-24 February 2021



European Regional Development Fund



EUROPEAN UNION

Activity 5.2. Pilot actions

Description

- The pilot actions regard the scenarios of local management actions in the integrated decision support tool developed
- Pilot actions regard 3 subareas (eastern Veneto; Marche region; Istria County).
- The simulation of management activities implementation for the 3 areas will provide applicative and demonstrative case studies.

Activity 5.2. Pilot actions: identification of conflicts and possible solutions

CROATIA

- The participants attending the stakeholder meetings in Poreč on 24th of July 2019 were interviewed and ideas and suggestions regarding local management actions were noted.
- These suggestions were further discussed with PP on the technical meeting in Split and on Skype meeting held on 20th of November, as well as in personal communication within PP.



Activity 5.2. Pilot actions: identification of conflicts and possible solutions



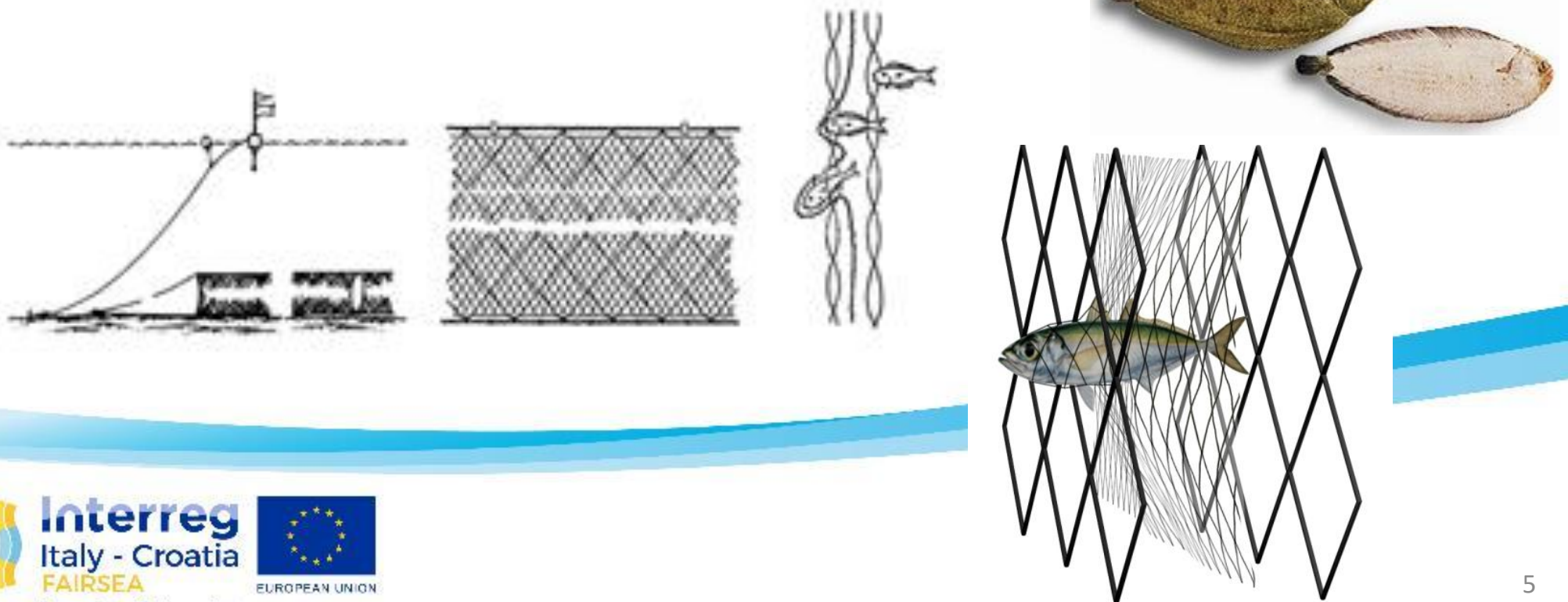
CROATIA

- The management action chosen for pilot action in Istria County is a proposal for the increase in mesh size of trammel nets for catching sole (*Solea sp.*) and the resulting effects on stock and on marketing price, as well as economic consequences for fishermen.
- The testing of these nets has already started with the project ARIEL – this was accepted as an innovation idea. Selectivity data was gathered by scientists from IOF.



Activity 5.2. Pilot actions: identification of conflicts and possible solutions

- Trammel nets for catching sole are made from 3 layers of netting with a slack small mesh inner netting between two layers of large mesh netting within which fish will entangle.
- The minimum mesh size for the inner net is 40mm, and the proposal is to increase the mesh size to 42mm

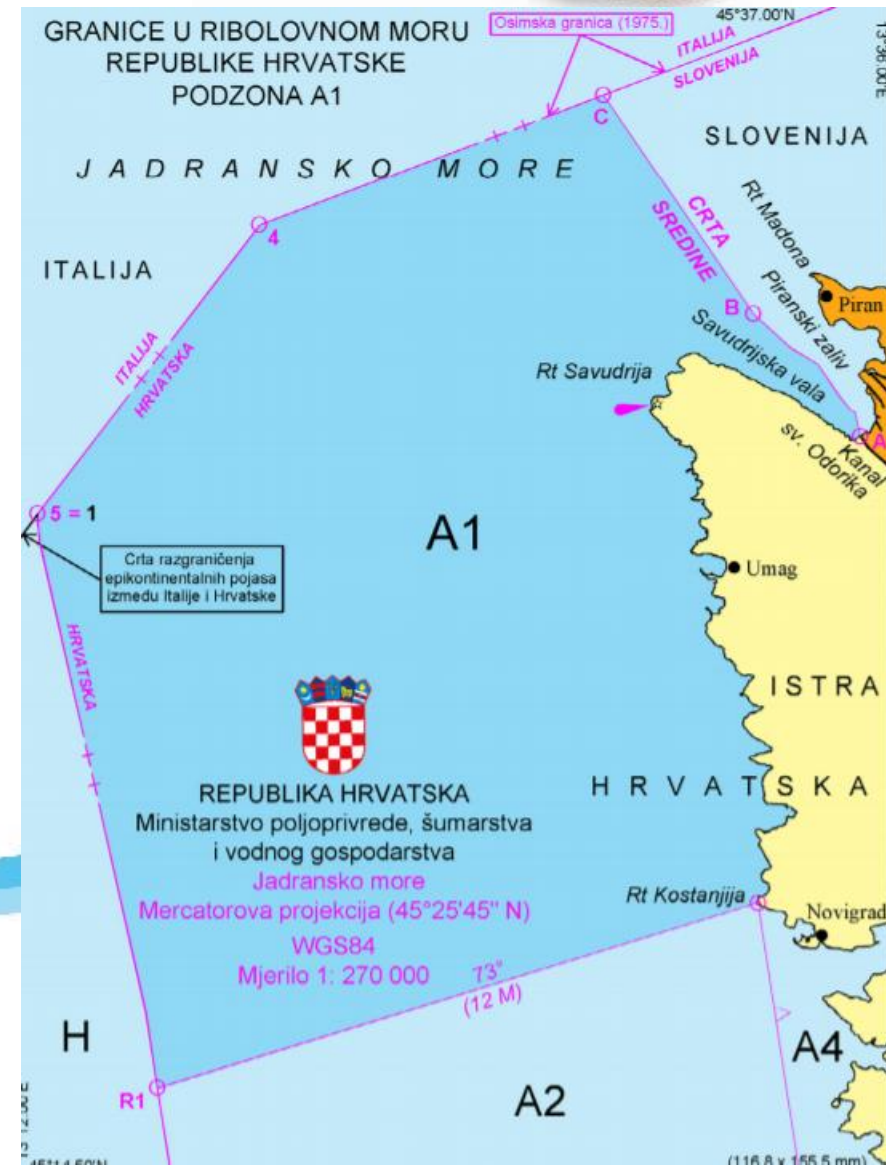


Activity 5.2. Pilot actions: identification of conflicts and possible solutions



THE DATA

- The data used for pilot actions was collected by IOF, Split
- The data was collected for the INTERREG project Ariel (ARIEL overall objective is to promote technological and non-technological solutions for innovation up take of small-scale fishery and aquaculture in Adriatic-Ionian basin)
- during the period from June 2018 to December 2019, in fishing area A1 (around Salvore and Umago)
- The catch and discard by 15 fishermen was analyzed in detail, two mesh sizes were used



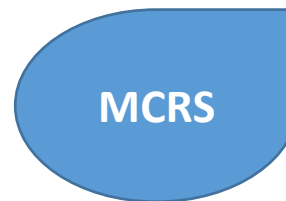
The Multiannual Management Plan in the Adriatic Sea

**Recommendation GFCM/43/2019/5
on a multiannual management plan for
sustainable demersal fisheries in the Adriatic
Sea (geographical subareas 17 and 18)**

PART III

Technical measures

Minimum conservation reference size



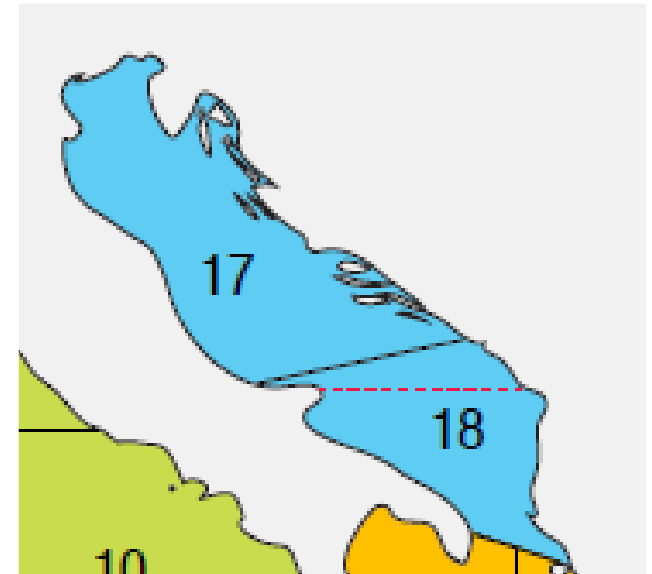
c) for common sole, at 20 cm TL

Focus in GSA17

target species: common sole, *Solea solea*

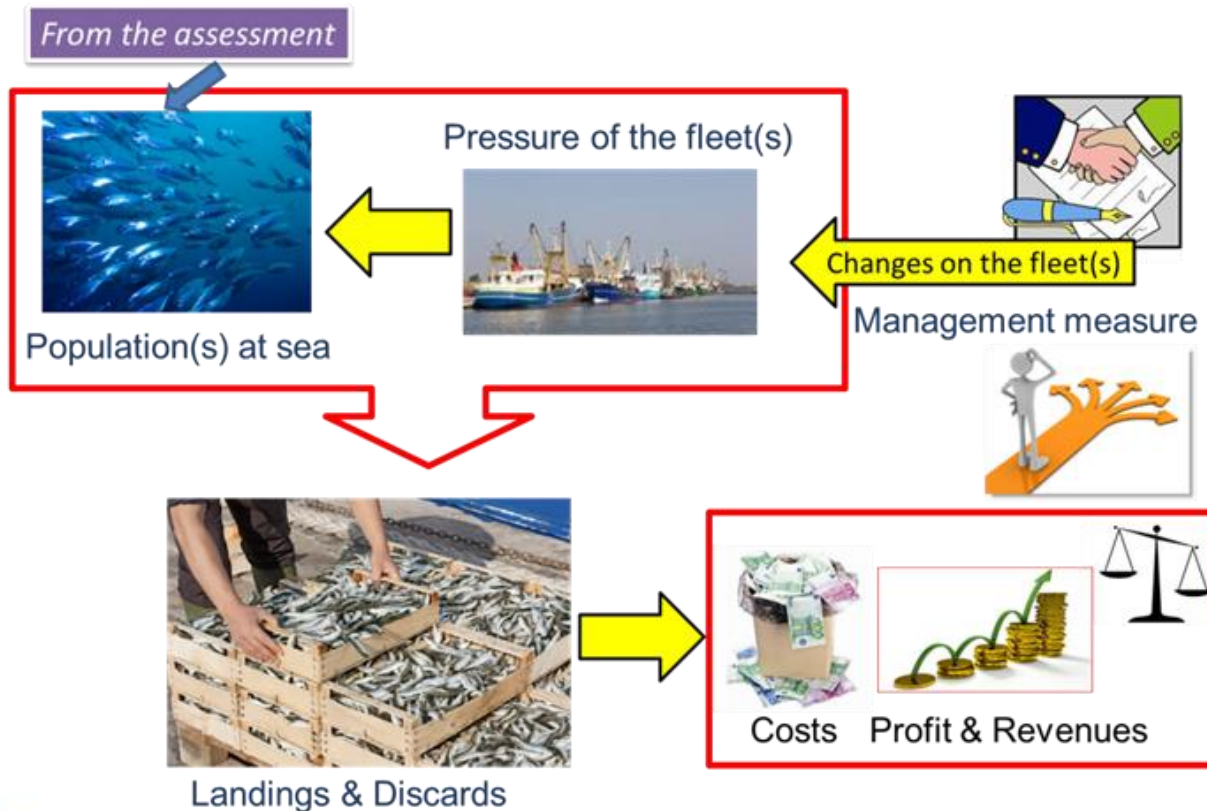
fleet: trammel netters in Istra county

Multiannual Management Plan



Simulations using bioeconomic modelling – BIOECO

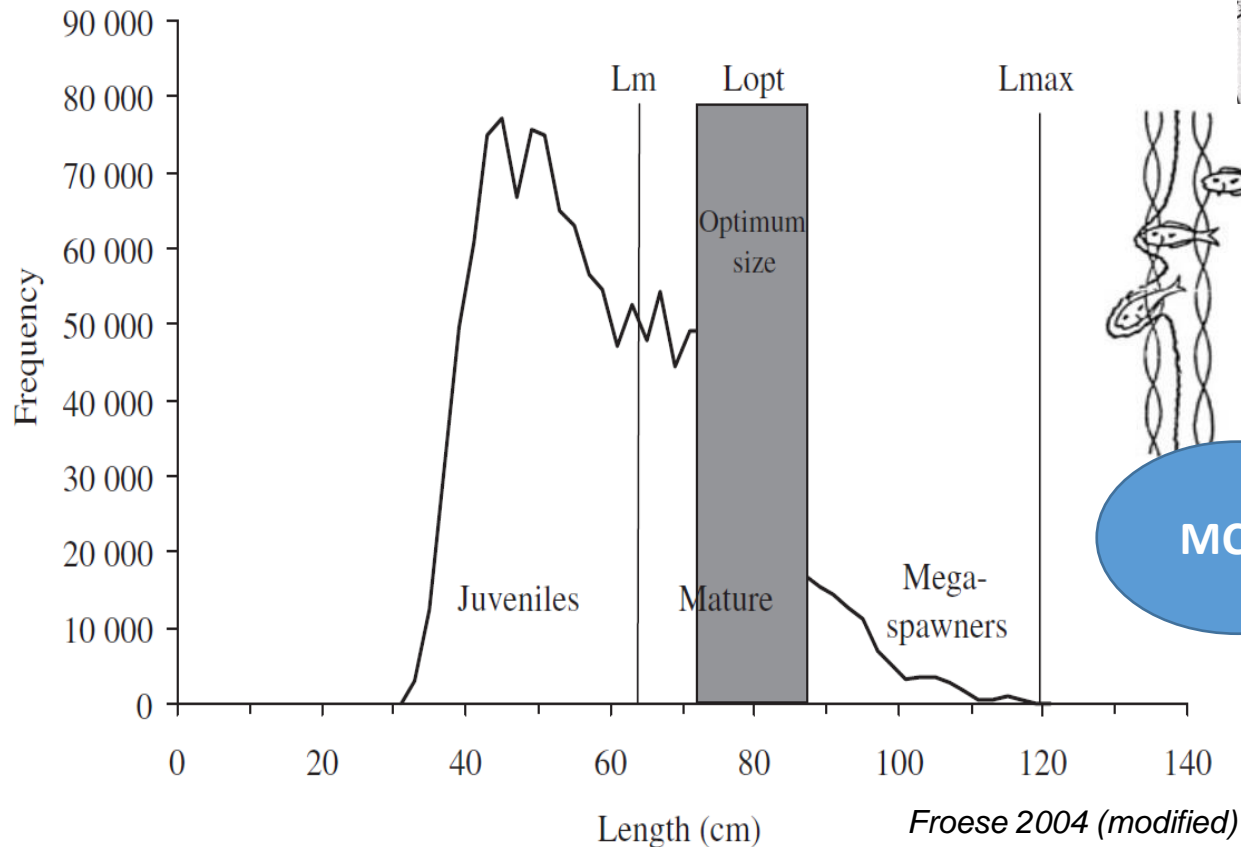
Improving the exploitation pattern – the technical approach
impacts of potential management actions at the local and basin scale, in the short and medium terms by considering technical interactions.



- *investigating the consequences of scenarios, to evaluate how changes/shifts in fishery-driven effects (e.g. fishing mortality, gear selectivity) influence stock and fisheries productivity.*

Simulations using bioeconomic modelling – BIOECO

Improving the exploitation pattern – the **technical** approach



- using **more selective gears**, ensuring control and compliance;
- towards defining **best practices** for developing **guidelines** in the region as steps of a **bottom up approach**

Thank you!

Ministry of agriculture


Croatia

(ex CAFAS – Croatian agricultural and forestry advisory service)

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