



***Innovative Tools to increase Competitiveness  
and sustainability of small pelagic fisheries  
ITACA***

*Results and benefit for the small pelagic sector*

# ITACA in a nutshell



## ITALY-CROATIA CB PROGRAMME:

Axis 1: Blue Innovation

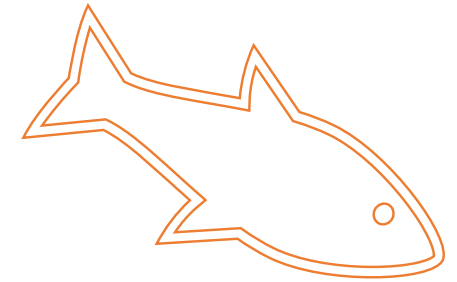
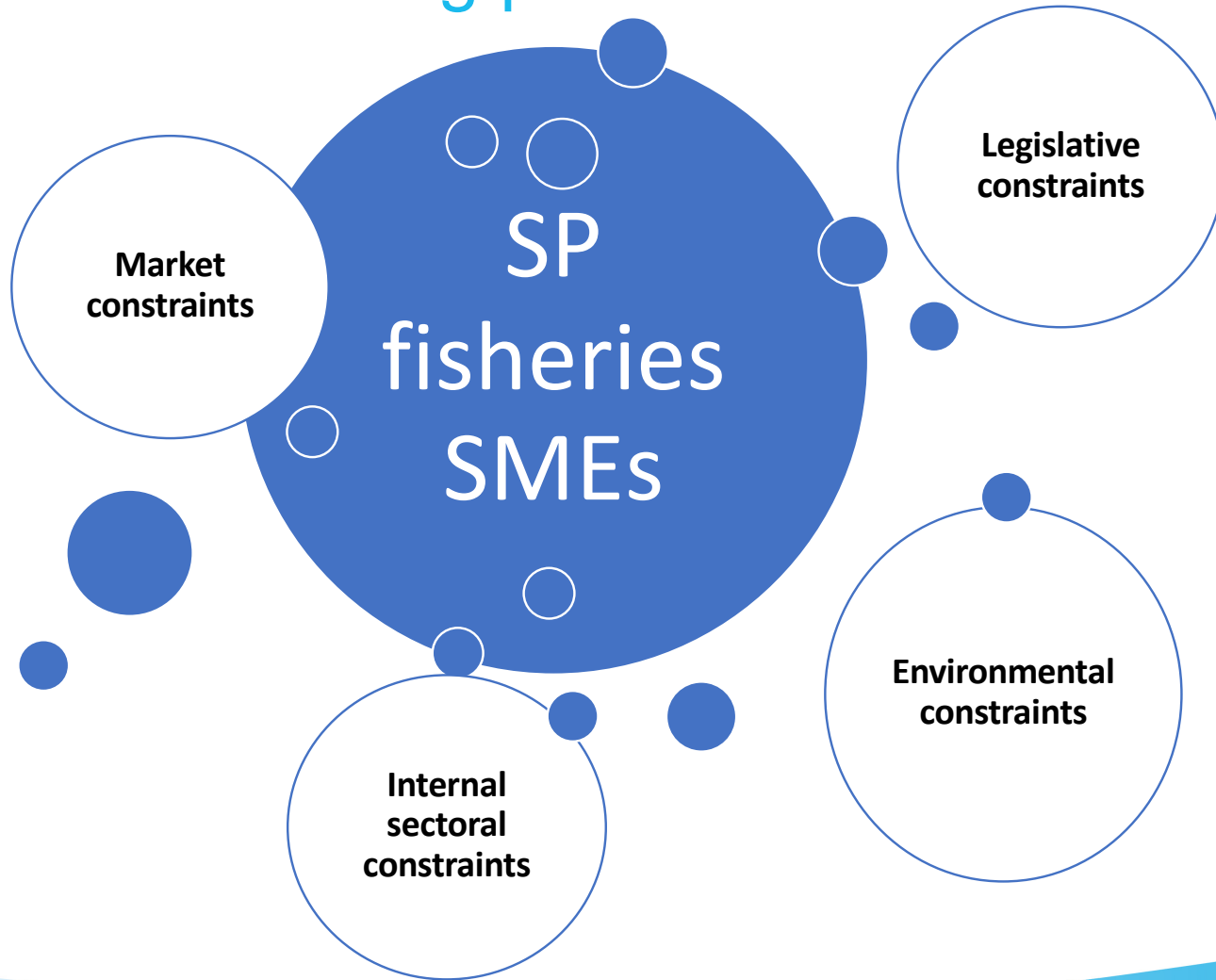
Specific objective: 1.1 - Enhance the framework conditions for innovation in the relevant sectors of the blue economy within the cooperation area.

**Duration:** 42 months, from 01.01.2019 to 30.06.2022

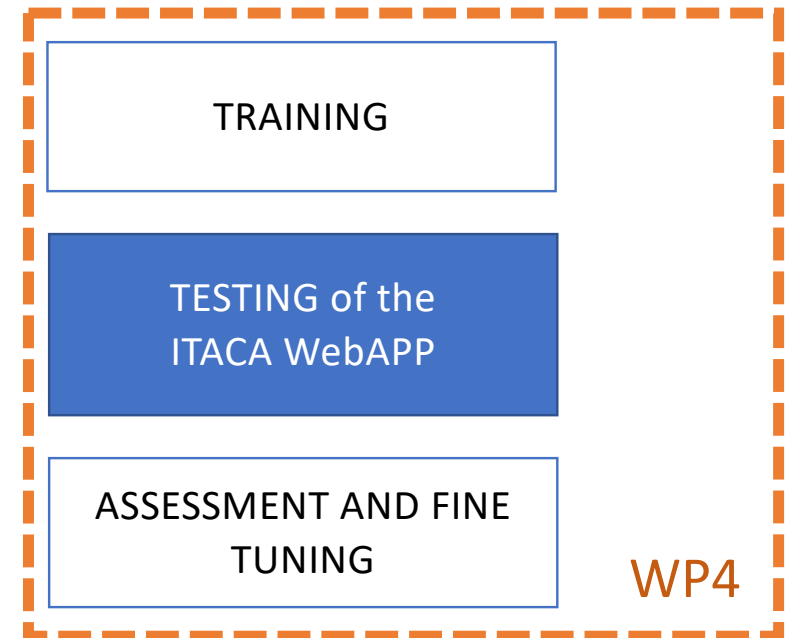
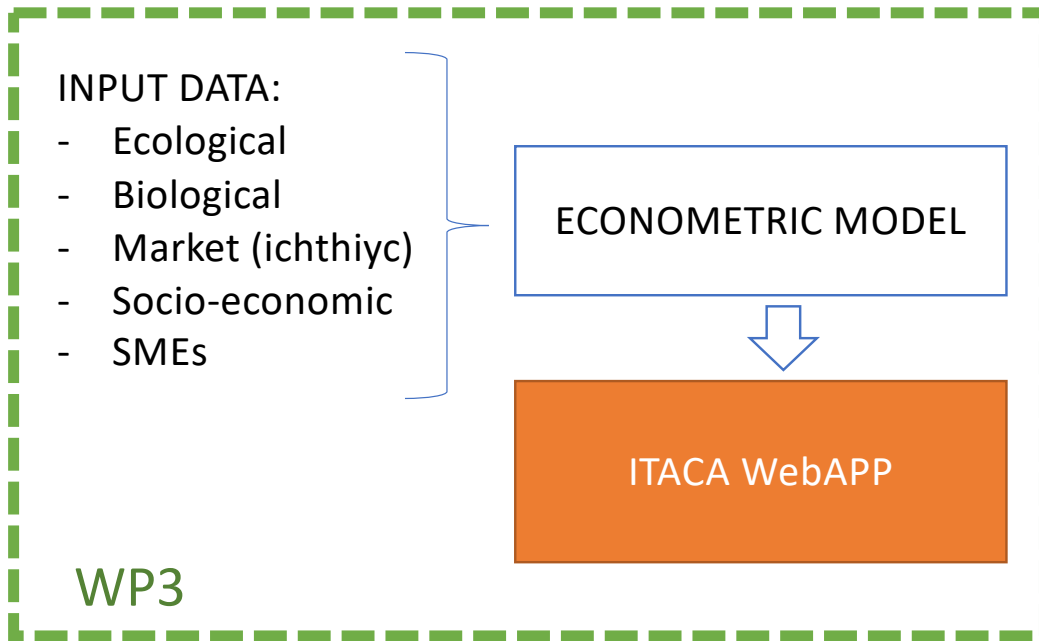
**Overall budget:** 1.744.467 €



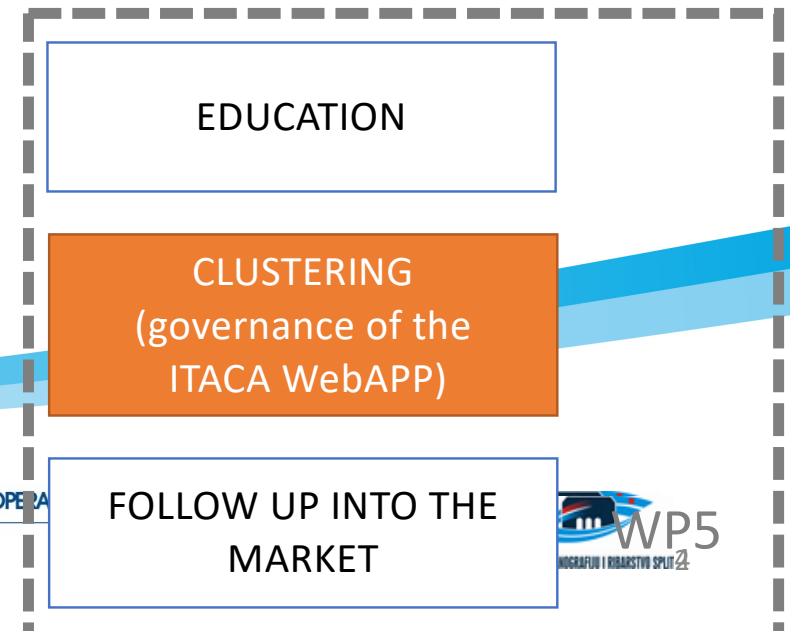
# ITACA starting point



**NEED TO  
EMPOWER  
THE  
SP FISHERIES SMEs  
WHILE RESPECTING  
THE ENVIRONMENT**



# ITACA APPROACH: provide tools to SP SMEs



# THE ECONOMETRIC MODEL

## MAIN GOALS

- Available to SP SMEs/O.P. to plan catches assigning a correct role to economic factors
- Specifically focused on SP catches and markets, on both sides of the Adriatic sea, to provide suggestions about the optimization of catches (in the economic perspective).
- Functional to predict market price, thus allowing SP firms to make effective budgets

## ENVIRONMENTAL COMPONENT



# INPUT DATA/OUTPUT TO SET THE MODEL

CATCHES BY SPECIES  
AND BY MARKET,  
YEARS 2018-2020

REVENUES BY SPECIES  
AND BY MARKET,  
YEARS 2018-2020

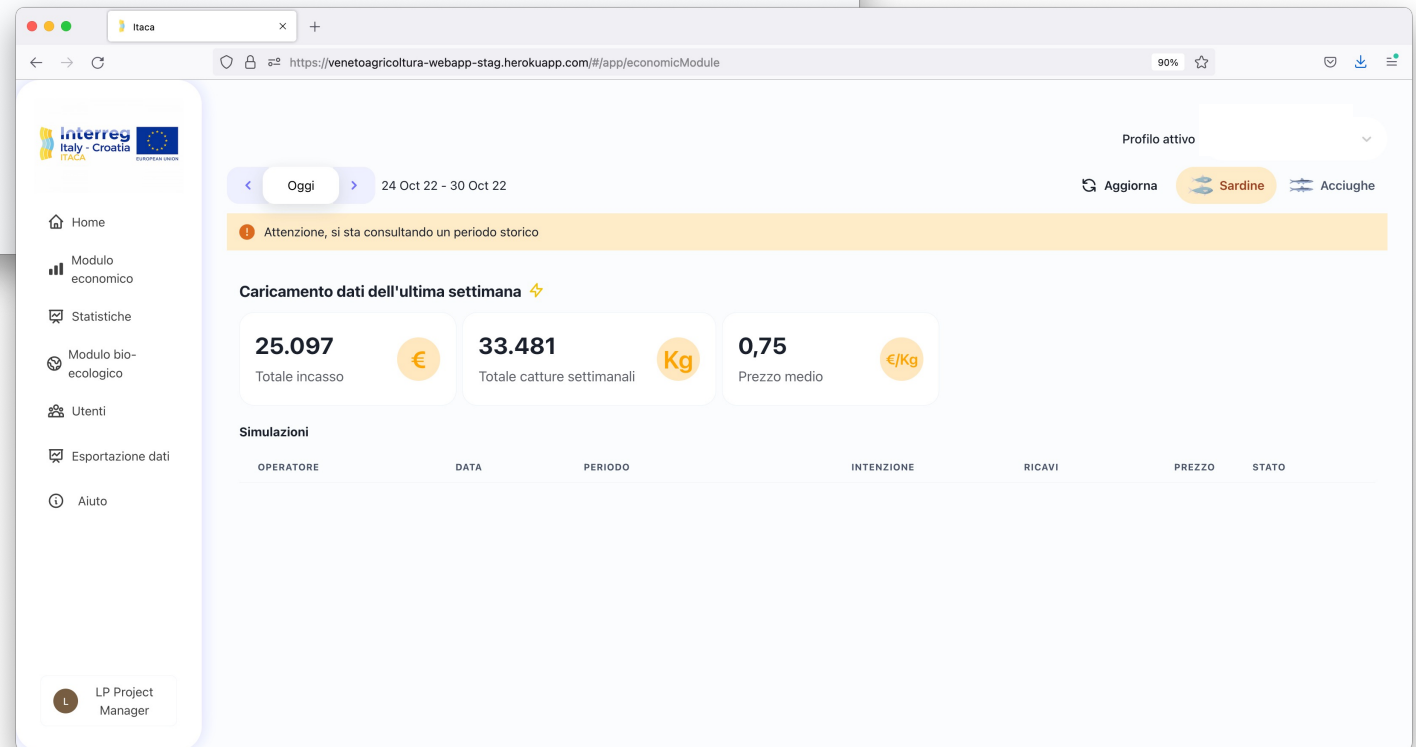
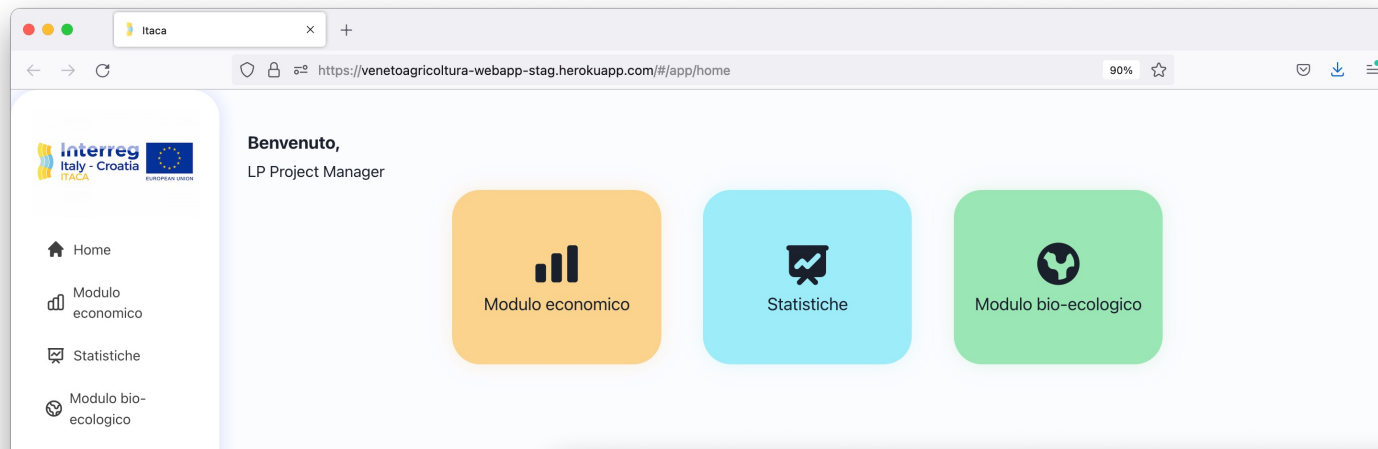
3-4 ANALYTICAL  
BUDGETS OF SP SMEs  
YEARS 2018-2019

DAILY basis in IT  
MONTHLY basis in HR

Some management  
parameters have been  
extracted from a significant  
sample of SMEs (fixed costs  
/management strategy)

PREDICT THE  
NEXT MARKET  
PRICE

# How the ITACA WebAPP runs



# How the ITACA WebAPP runs

The image displays two overlapping screenshots of the ITACA WebAPP interface. The top screenshot shows the main dashboard with a sidebar on the left and a main content area. A button labeled "Aggiornamento dati di mercato" is circled in orange. The bottom screenshot shows the same interface with a modal dialog box open, titled "Fai una nuova simulazione", which contains input fields for "Intenzione" and "Periodo".

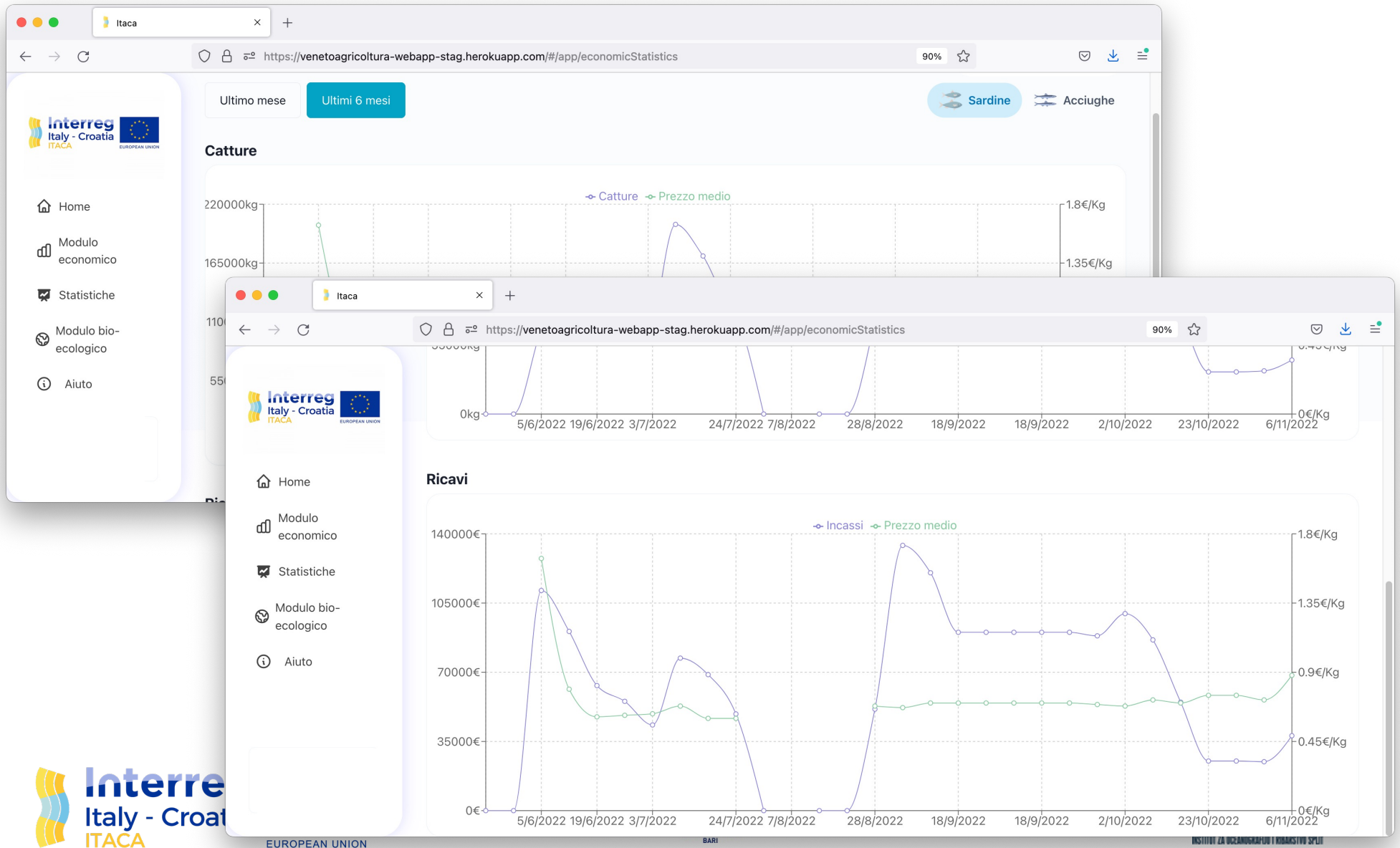


# How the ITACA WebAPP runs

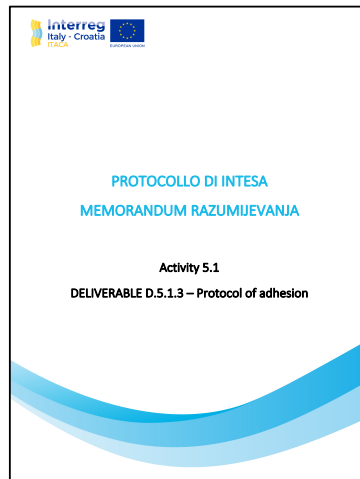
The screenshot shows the ITACA WebAPP interface for the period 20 Jun 22 - 26 Jun 22. The page features a navigation menu on the left with options: Home, Modulo economico, Statistiche, Modulo bio-ecologico, and Aiuto. The main content area displays a warning message: "Attenzione, si sta consultando un periodo storico". Below this, a section titled "Caricamento dati dell'ultima settimana" shows three key metrics: "Totale incasso" (63.250 €), "Totale catture settimanali" (103.243 Kg), and "Prezzo medio" (0,61 €/Kg). A "Fai una nuova simulazione" button is visible. The bottom part of the page shows a table with columns: DATA, PERIODO, INTENZIONE, RICAVI, PREZZO, and STATO. The first row shows the date 21/11/2022 and the period "Settimana prossima".

The screenshot shows the ITACA WebAPP interface for the period 27 Jun 22 - 03 Jul 22. The page features a navigation menu on the left with options: Home, Modulo economico, Statistiche, Modulo bio-ecologico, and Aiuto. The main content area displays a warning message: "Attenzione, si sta consultando un periodo storico". Below this, a section titled "Caricamento dati dell'ultima settimana" shows three key metrics: "Totale incasso" (55.295 €), "Totale catture settimanali" (89.529 Kg), and "Prezzo medio" (0,62 €/Kg). The values 55.295, 89.529, and 0,62 are circled in orange. A "Fai una nuova simulazione" button is visible. The bottom part of the page shows a table with columns: DATA, PERIODO, INTENZIONE, RICAVI, PREZZO, and STATO.

# How the ITACA WebAPP runs



# The ITACA Cluster – pave the way for cooperation



- the **regular use** of the tools developed within the ITACA project, with specific reference to the **ITACA WebAPP**, to start a more market-oriented management of small pelagic catches and promote a more competitive positioning of small pelagic fishing companies in the market fish products
- the **promotion of dialogue in support of a shared management** of the catches and resources of small pelagics, through the adoption of shared practices on the exchange of data and tools aimed at promoting the environmental sustainability of fishing;
- the effective **sharing of good practices, skills, data and ICT solutions to support mutual learning** and overcome the poor coordination and the limited circulation of knowledge among all stakeholders, both institutional and economic, at a cross-border level;
- the organization of **joint training and awareness initiatives** to improve the initiatives and actions aimed at strengthening the environmental sustainability of small pelagic fishing in the Adriatic;
- **joint participation in co-financed projects** to connect cross-border cooperation in the field of economic and environmental sustainability of small pelagic fishing in the Adriatic.

*Thank you for your attention!*

Valentina Zambetti

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