



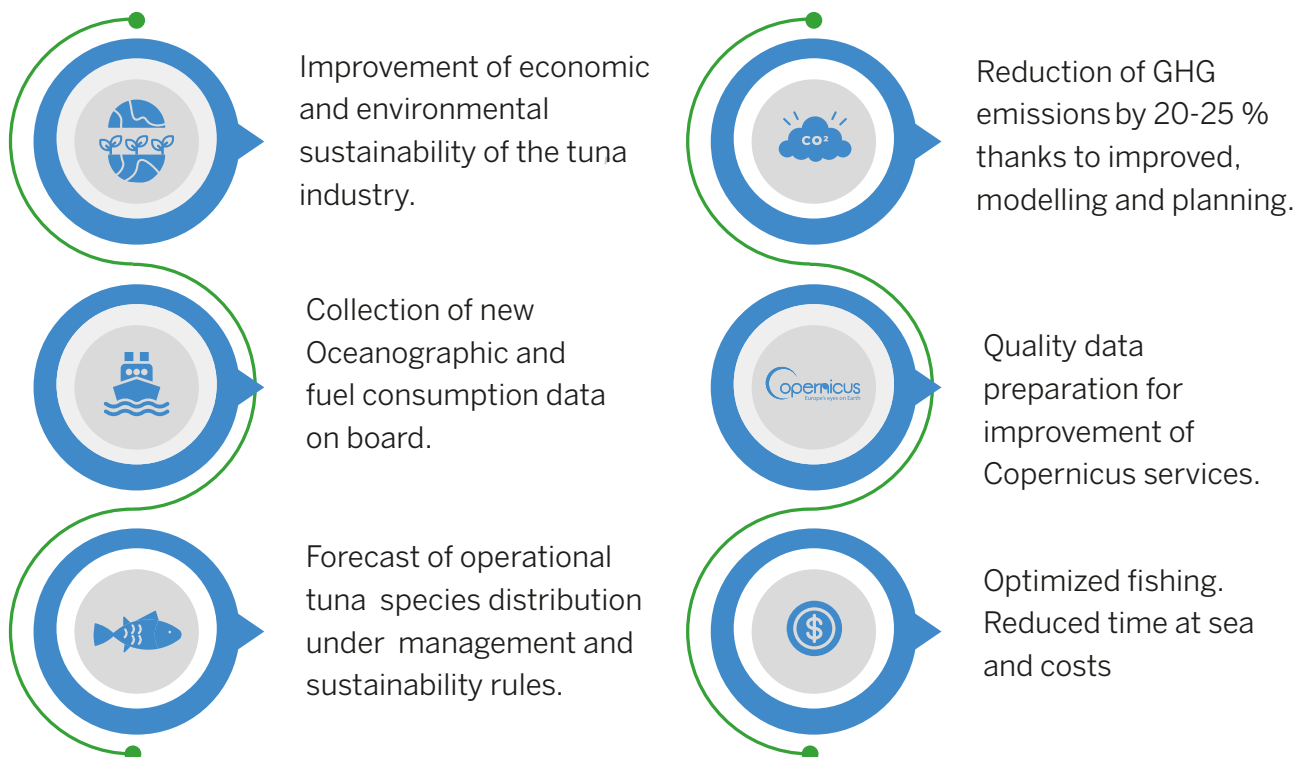
Horizon 2020  
European Union Funding  
for Research & Innovation

# Sustainable Tuna Fisheries Through Advanced Earth Observation Technologies



# SUSTUNTECH PROJECT

Various companies and research institutes take part in this project in which state of the art research combines with industrial knowledge and technological expertise to develop innovative monitoring and decision making systems to improve tuna fisheries sustainability. Copernicus data and machine learning will be combined to achieve the following objectives:



## Consortium

SUSTUNTECH consortium brings together several companies from the industrial and fisheries sector (MARINE INSTRUMENTS, SINTEF, ZEPHYR, MARIDIS, ECHEBASTAR), research centers and universities (AZTI, NEWCASTLE UNIVERSITY AND UNIVERSIDAD PAÍS VACO). It is a

well-balanced group with complementary skills and expertise.

The project is coordinated by MARINE INSTRUMENTS that meets leading view of the main challenges associated to the tuna fishing sector.



# Results

SUSTUNTECH will facilitate the commercial exploitation of the following products mainly for fishing and research vessels.

## Ratatosk

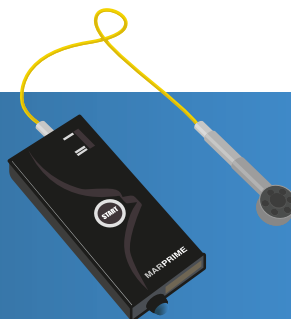


Ratatosk simplifies data communication and aggregation in systems with heterogeneous sensors, by making sensor data and derived data available through a shared data space.

### Potential users:

Fishing vessels  
Research vessels  
Industries with  
multisensor data

## MarPrimeUltra

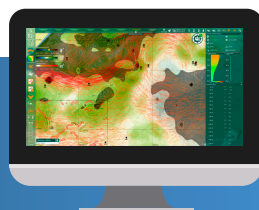


MarPrimeUltra helps to identify and solve deviations in fuel consumption with the consequent economic saving and emissions reduction. In addition, the deviation can highlight a need for maintenance and avoid engine failures that can have high economic and work impact.

### Potential users:

All vessels  
Industries with  
diessel and gas  
engines

## SmartMarineView



SmartMarineView allows individual vessels to improve their operations with less fuel consumption. Furthermore, the product will also allow the exchange of information across full fleets with strategies for coordination that will reduce further the fuel consumption and give advantage over other non-coordinated fleets.

### Potential users:

Tuna fishing vessels  
Other fishing fleets  
Marine shipping industries

# SusTunTech



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