

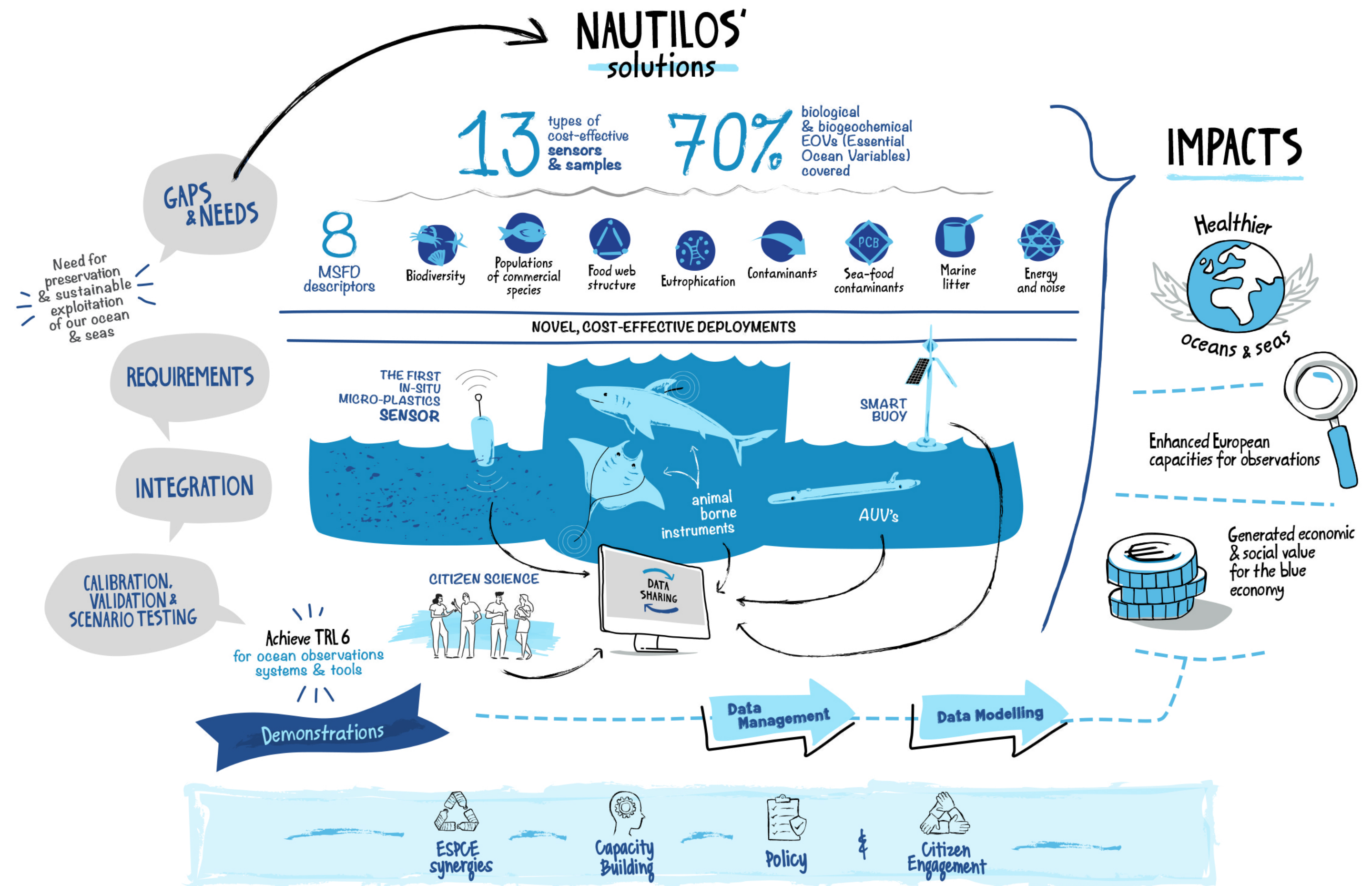


PROJECT OVERVIEW

NAUTILOS, a Horizon 2020 Innovation Action project funded under EU's the Future of Seas and Oceans Flagship Initiative, aims to fill in marine observation and modelling gaps for biogeochemical, biological and deep ocean physics essential ocean variables and micro-/nano-plastics, by developing a new generation of cost-effective sensors and samplers, their integration within observing platforms and deployment in large-scale demonstrations in European seas.

The principles underlying NAUTILOS are those of the development, integration, validation and demonstration of new cutting-edge technologies with regards to sensors, interoperability and embedding skills. The development is always guided by the objectives of scalability, modularity, cost-effectiveness, and open-source availability of software products produced.

Bringing together 21 entities from 11 European countries with multidisciplinary expertise, NAUTILOS has the fundamental aim to complement and expand current European observation tools and services, to obtain a collection of data at a much higher spatial resolution, temporal regularity and length than currently available at the European scale, and to further enable and democratize the monitoring of the marine environment to both traditional and non-traditional data users.



Call: H2020-BG-2020-1
Type of Action: IA - Innovation action
Acronym: NAUTILOS
Grant agreement ID: 101000825
Duration: 48 months
Start Date: 1 October 2020
EU Contribution: € 9.048.349,10
Coordinator: ISTI-CNR

Partner 19:
 University of Calabria
Department of Environmental Engineering
Primarily Responsible: Prof. Mario MAIOLO
(contact: mario.maiolo@unical.it)

21 PARTNERS
11 EU COUNTRIES



UNIVERSITÀ DELLA CALABRIA
DIPARTIMENTO DI INGEGNERIA
DELL'AMBIENTE

NIVA
Norwegian Institute for Water Research

CEIIA

CNRS
centre national
de la recherche
scientifique

UALg CIMA
UNIVERSIDADE DO ALGARVE
CENTRO DE INVESTIGAÇÃO MARINHA E AMBIENTAL

Consiglio Nazionale delle Ricerche

imar

Ifremer

hcmr
ΕΛΚΕΘΕ

eur@ocean :: csem

EDGE LAB

SubCtech
Subsea Technologies

Hes·so
Haute Ecole Spécialisée
de Suisse occidentale
Fachhochschule Westschweiz
University of Applied Sciences and Arts
Western Switzerland

AQUATAC

nke
INSTRUMENTATION

ep
EUROPROJECT
A WARRANT HUB COMPANY

SYKE

University of Ljubljana
Faculty of Electrical Engineering

DFK

