DEVelopment Of innovative Tools for understanding marine biodiversity and assessing good Environmental Status

Fact Sheet

Project Information

DEVOTES
Grant agreement ID: 308392

Status
Closed project

Start date
1 November 2012
End date
31 October 2016

Funded under
FP7-ENVIRONMENT

Overall budget
€ 12 086 862,36

EU contribution
€ 8 997 984,62

Coordinated by
FUNDACION AZTI - AZTI FUNDAZIOA
Spain

This project is featured in...

RESEARCH*EU MAGAZINE
Extreme space weather: let’s get ready

NO. 62. MAY 2017
Objective

The objectives are to:
(i) improve our understanding of human activities impacts (cumulative, synergistic, antagonistic) and variations due to climate change on marine biodiversity, using long-term series (pelagic and benthic). This objective will identify the barriers and bottlenecks (socio-economic and legislative) that prevent the GES being achieved
(ii) test the indicators proposed by the EC, and develop new ones for assessment at species, habitats and ecosystems level, for the status classification of marine waters, integrating the indicators into a unified assessment of the biodiversity and the cost-effective implementation of the indicators (i.e. by defining monitoring and assessment strategies). This objective will allow for the adaptive management including (a) strategies & measures, (b) the role of industry and relevant stakeholders (including non-EU countries), and (c) provide an economic assessment of the consequences of the management practices proposed. It will build on the extensive work carried out by the Regional Seas Conventions (RSC) and Water Framework Directive, in which most of the partners have been involved
(iii) develop/test/validate innovative integrative modelling tools to further strengthen our understanding of ecosystem and biodiversity changes (space & time); such tools can be used by statutory bodies, SMEs and marine research institutes to monitor biodiversity, applying both empirical and automatic data acquisition. This objective will demonstrate the utility of innovative monitoring systems capable of efficiently providing data on a range of parameters (including those from non-EU countries), used as indicators of GES, and for the integration of the information into a unique assessment

The consortium has 23 partners, including 4 SMEs (close to 17% of the requested budget) and 2 non-EU partners (Ukraine & Saudi Arabia). Moreover, an Advisory Board (RSC & scientific international scientists) has been designed, to ensure a good relationship with stakeholders

Field of science

/natural sciences/biological sciences/ecology/ecosystems

Programme(s)

Topic(s)

Call for proposal
Funding Scheme

CP - Collaborative project (generic)

Coordinator

FUNDACION AZTI - AZTI FUNDAZIOA

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</thead>
<tbody>
<tr>
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<td>Alice Newton (Prof.)</td>
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<td>Ulla Haapanen (Ms.)</td>
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</table>
United Kingdom
EU contribution
€ 560 421

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IMAR - INSTITUTO DO MAR

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<td>AKVAPLAN-NIVA AS</td>
<td>Norway</td>
<td>€ 236 888,23</td>
<td>Hjalmar Johansensgata 14 9007 Tromso</td>
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<td>CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE SCIENZE DEL MARE ASSOCIAZIONE</td>
<td>Italy</td>
<td>€ 537 077,60</td>
<td>Piazzale Flaminio 9 00196 Roma</td>
<td>Research Organisations</td>
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<td>STICHTING NIOZ, KONINKLIJK NEDERLANDS INSTITUUT VOOR ONDERZOEK DER ZEE</td>
<td>Netherlands</td>
<td>€ 303 763,50</td>
<td>Landsdiep 4 1797 SZ Den Hoorn Texel</td>
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<td>Italy</td>
<td>€ 310,738.07</td>
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**Last update:** 17 April 2017