

SEAMInd – MONITORING AND INDICATORS

Julho 2019

Conceição Santos

SEAMInd

ECONOMIC, SOCIAL AND ENVIRONMENTAL INDICATORS

OBJECTIVE

To identify a limited but relevant set of indicators to measure the results of maritime policy, considering a sustainable development approach, and make them observable and available in an integrated, friendly and recurrent process.

National coordination



Autonomous Regions Coordination



Região Autónoma dos Açores

Direção Regional dos Assuntos do Mar



Região Autónoma
da Madeira
Governo Regional

Secretaria Regional do Ambiente e Recursos Naturais

Direção Regional do Ordenamento do Território e Ambiente



SEAMInd

ECONOMIC, SOCIAL AND ENVIRONMENTAL INDICATORS

37 Entities involved in the Mainland

Additionally, the equivalent entities of Azores and Madeira Regional Governments

Agência Nacional para a Qualificação e o Ensino Profissional
Agência para a Modernização Administrativa
Agência Portuguesa do Ambiente
Associação Bandeira Azul da Europa
Associação das Indústrias Navais
Autoridade da Mobilidade e Transportes
Autoridade de Gestão PO MAR2020
Blue Bio Alliance
Câmara Municipal do Seixal - Ecomuseu Municipal
Centro de Formação Profissional das Pescas e do Mar
Direção-Geral da Educação
Direção-Geral de Energia e Geologia
Direção-Geral de Estatística da Educação e Ciência
Direção-Geral de Recursos Naturais, Segurança e Serviços Marítimos
Direção-Geral do Património Cultural (Centro Nacional de Arqueologia Náutica e Subaquática)
Direção-Geral do Ensino Superior
Docapesca
Escola Naval
Escola Superior Náutica Infante D. Henrique
Estado Maior da Armada
Estrutura de Missão para a Extensão da Plataforma Continental
Fundação do Desporto
Fundação para a Ciência e a Tecnologia
Gabinete de Estratégia e Estudos
Gabinete de Investigação de Acidentes Marítimos e da Autoridade para a Meteorologia Aeronáutica
Instituto da Conservação da Natureza e das Florestas
Instituto da Mobilidade e dos Transportes
Instituto do Emprego e Formação Profissional
Instituto Hidrográfico
Instituto Nacional de Estatística
Instituto Português do Desporto e Juventude
Instituto Português do Mar e da Atmosfera
Laboratório Nacional de Engenharia Civil
Ordem dos Engenheiros - Colégio Engenharia Naval
Sociedade Portuguesa de Biotecnologia
Turismo de Portugal

Open Data

Iniciativas Open @ AMA



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ECONOMIC, SOCIAL AND ENVIRONMENTAL INDICATORS





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ECONOMIC, SOCIAL AND ENVIRONMENTAL INDICATORS

Technological platform/ e-government

Radar – Strategic Objectives



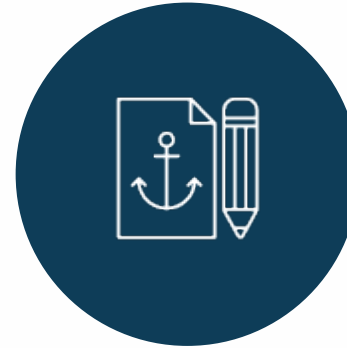
Dash Board – value chain



Services dedicated to institutional clients - national policies (already in place)



Ministry of Sea
and Inter-Ministerial Commission for Maritime Affairs



Maritime Spatial Planning
Performance



MSFD and OSPAR
socio-economy



Public Funding
(PT 2020, EEA Grants, Blue Fund)



Nacional Ocean Science Report

Services dedicated to institutional clients - AR and municipalities (partly possible today)



Azores



Madeira



Pilots for municipalities

Services dedicated to the private sector (to be developed with partnerships)



Sustainable and
Competitive Ports



Sustainable and Competitive
Shipping

Services dedicated to communicate with society in general (partly possible today)



Oceans and Climate Change



Ocean Health



Ocean Economy

SEAMInd

INDICADORES E MONITORIZAÇÃO ECONÓMICA, SOCIAL E AMBIENTAL

MAPEAMENTO DOS INDICADORES POTENCIALMENTE
RELEVANTES PARA A M
NO ÂMBITO D

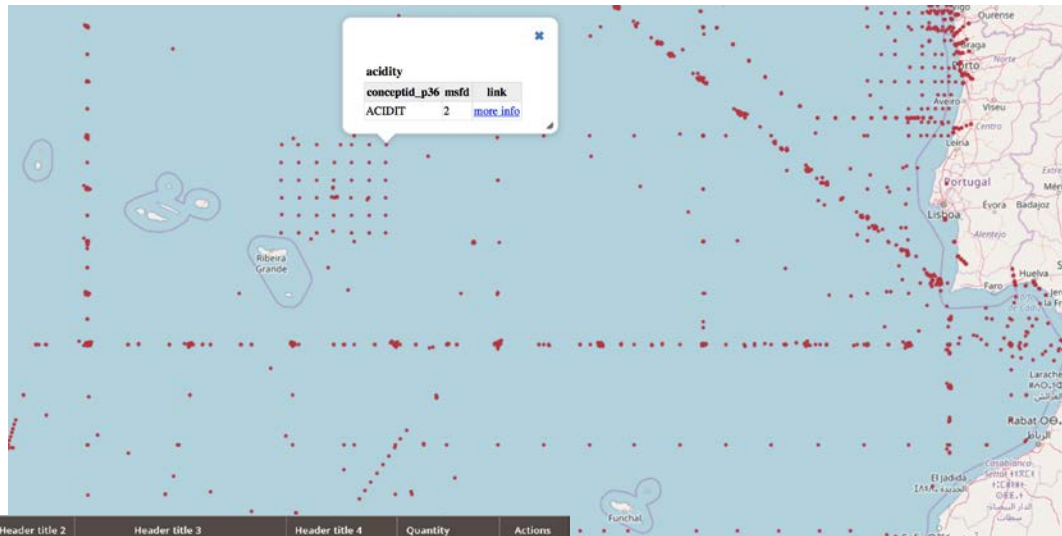
November 2018

Total of 576 indicators identified

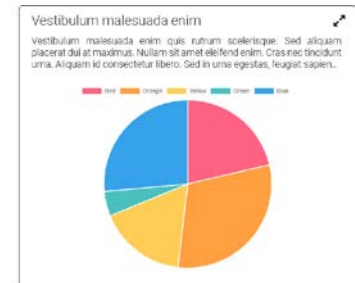
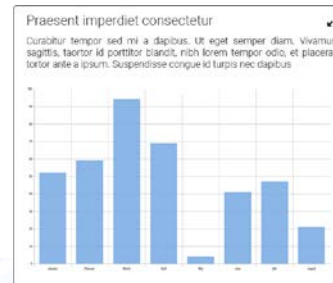
A. Ocean, Atmosphere and Integrated System	5
B. Science and Technology	51
C. Fisheries, Fishing Industry and Aquacultures	154
D. Ports, Transport and Logistics	133
E. Recreation, Sports and Tourism	85
F. Shipbuilding, Maintenance and Repair	22
G. Maritime Works	6
H. Marine Biotechnology, Marine Mineral Resources and Marine Energy Resources	54
I. Protection and Safeguard	19
J. Education	47

SEAMInd PLATFORM

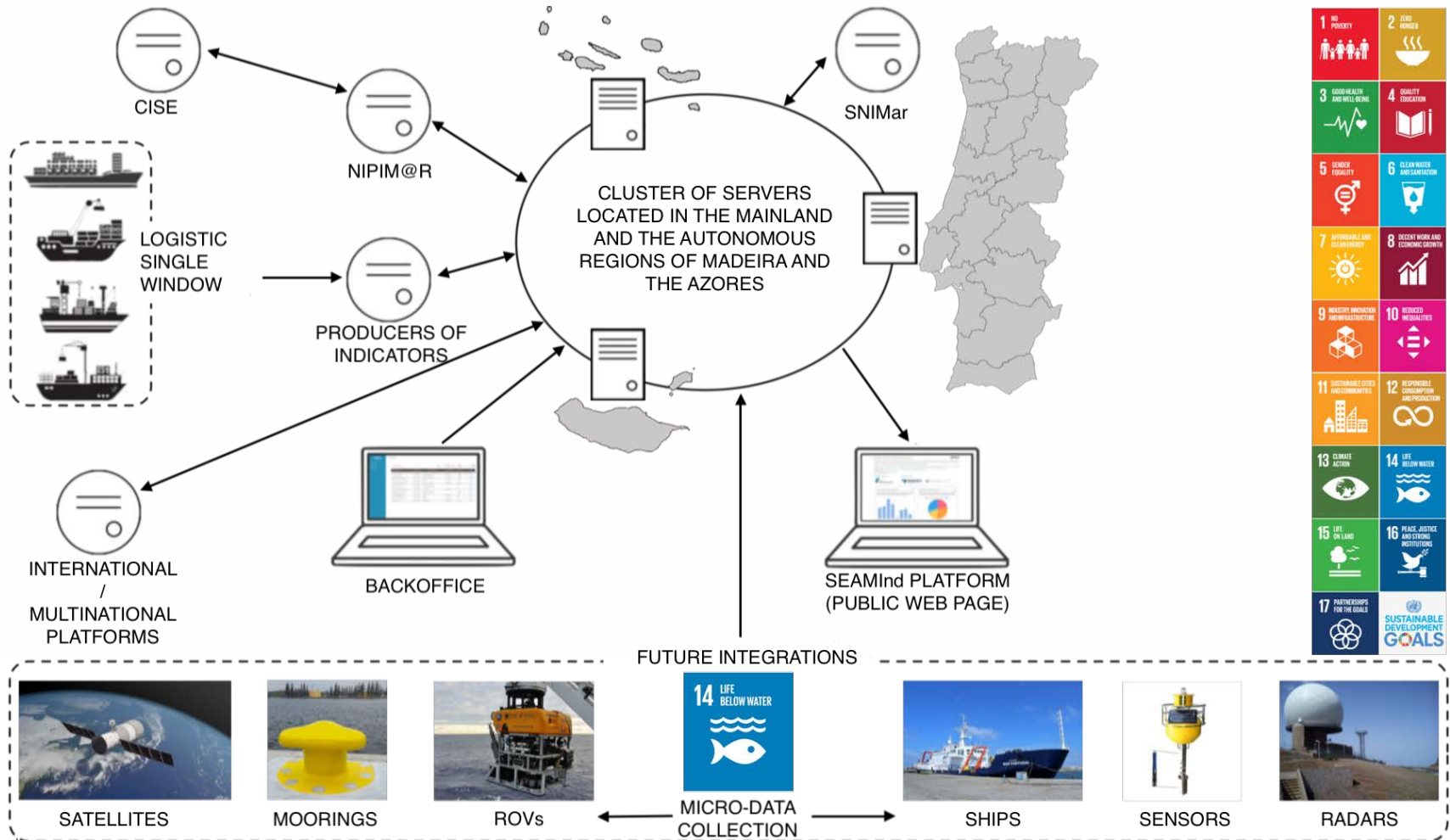
The SEAMInd Project aims to develop a digital platform for storing, organizing and processing data, presenting it to the public as open data, through a web interface in the form of tables, graphs, georeferenced maps and infographics, among others.



Product Name	Header title 2	Header title 3	Header title 4	Quantity	Actions
Lorem ipsum dolor	Lorem ipsum	Suspendisse, Efficitur	Eu lobortis	32,998	Select
Consectetur adipiscing elit	Lorem ipsum	Suspendisse, Efficitur	Eu lobortis	12,087	Select
Proin fermentum arcu neque	Lorem ipsum	Efficitur	Eu lobortis	8,954	Select
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Pellentesque nec trincidunt	Lorem ipsum	Suspendisse, Efficitur	--	12,524	Select
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SEAMInd PLATFORM ARCHITECTURE DESIGN (OPEN SOURCE SOFTWARE)





THE OCEAN CONFERENCE

Lisbon
2-6 June 2020

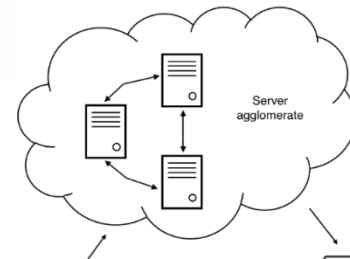
2019

2020



2021 2030 United Nations Decade of Ocean Science for Sustainable Development

- Improvement/setting the poll indicators
- SEAMInd demo in 2020
- Consolidate institutional model and business model



General Schedule

	Previous years	2019		2020		2021		Following years
		1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	
Identification of Public Administration entities with socioeconomic data and indicators related to the sea								
Involvement of identified entities including INE (Statistics Portugal)								
Involvement of AMA (Agency for Administrative Modernization, to connect with the e.gov platform)								
Involvement of the regional entities of the Azores and Madeira Autonomous Regions								
Indicators setting and metadata compilation								
SEAMInd Platform architecture design								
Launch of international public tender and services contract								
SEAMInd Platform implementation								
Participation in the UN Oceans Conference in Lisbon with a prototype for marine science (with DGRM/JUL* and FCT**)					2 - 6 June			
Development of the institutional model and business model for SEAMInd Platform***								
Cruising speed								

*DGRM/JUL - Directorate General for Natural Resources, Safety and Maritime Services/Single Logistics Window

**FCT - Science and Technology Foundation

***It includes mobilization of strategic partnerships for the design and implementation of new indicators, analytical development and results and impact assessment reports on the performance of economic activities, including the environmental component, and the quality of the ocean.



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THANK YOU

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