GEOSS for the Atlantic Region

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27-29 May 2019 / Geneva, Switzerland
<table>
<thead>
<tr>
<th>Initiative</th>
<th>Number of Services</th>
<th>Pilots Thematic Areas</th>
<th>Targets</th>
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<tbody>
<tr>
<td>SenSyF</td>
<td>7</td>
<td>Generic (water, polar, vegetation, spectro-temporal integration, land use / land cover, agriculture support)</td>
<td>Ingestion of Copernicus data, tools - SenSyF SDK, integration of pilot services in cloud platform</td>
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<tr>
<td>SIMOCEAN</td>
<td>3</td>
<td>Maritime Monitoring (port entry, fishing, interactive analysis)</td>
<td>Data preparation, data hub &amp; catalogue, geo-portal</td>
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<tr>
<td>CoReSyF</td>
<td>6+8</td>
<td>Coastal Research (water quality, bathymetry, storm surge, vessel detection, oil spills + 8 masters thesis)</td>
<td>Tools - Co-ReSyF SDK, integration of pilot services in cloud platform</td>
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<tr>
<td>NEXTGEOSS</td>
<td>11+</td>
<td>Monitoring of SDGs (agriculture, biodiversity, security, artic, megacities, geohazards, territory, food security, smart cities, energy, +marine)</td>
<td>Data ingestion &amp; hub – catalogue, QoS and community feedback, user management, cloud + DIAS (ongoing), operations &amp; monitoring</td>
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<tr>
<td>BETTER</td>
<td>3x6</td>
<td>Challenges (food security, intelligence, geohazards, …)</td>
<td>Data ingestion and transfer, data analytics including ARD / data cubes, data visualisation</td>
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NEXTGEOSS

European Data Hub and Platform

Contributing to the Vision of GEO

NEXTGEOSS

GEO SYMPOSIUM 2019
Potential Additional funding (in progress)

**NextOcean**

H2020 Call SC5-16-2019
Co-designing 6 commercial services in the area of Fisheries and Aquaculture in Europe

**NextAtlantic**

H2020 Call DT-SPACE-06-EO-2019
Co-designing Marine Spatial Planning services in Atlantic coast – Portugal, Cape Verde, Namibia, Ghana and South Africa
Collaboration Framework

- Definition of high priority topics: Countries / affiliated organizations and AIR Centre
- Identification of key needs/requirements: AIR Centre and international stakeholders
- Elaboration of the initiative: Countries / affiliated organizations and AIR Centre
- Implementation of the activities: Industry / research organizations
- Service Fruition: User communities
- Impact evaluation (feedback loop): AIR Centre and end users
Contact

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