



# **BLUE MISSION BANOS**

**Supporting the Mission  
Ocean Lighthouse in the  
Baltic and North Sea Basins**

## **Deliverable 6.3 Catalogue of solutions available on the WaveLinks platform**

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## THE BLUE MISSION BANOS PROJECT

BlueMissionBANOS (BMB), as a Coordination and Support Action (CSA) for the Baltic and North Sea (BANOS) Mission Ocean Lighthouse, inspires, engages, and supports stakeholders across the BANOS region in taking positive action to reach the Mission Ocean objectives. In particular, we facilitate the uptake of a sustainable, carbon-neutral, and circular blue economy by connecting national, regional, and transnational actors from politics, industry, and science, thereby creating a governance model that is conducive to innovation.

While fostering the transition towards the blue economy, BlueMissionBANOS supports the prevention and elimination of water pollution and the protection and restoration of biodiversity and marine and freshwater ecosystems. The project focus is on reducing governance fragmentation, facilitating evidence-based decision-making and fostering citizen engagement across the BANOS area. These supporting actions raise awareness, showcase opportunities, and inspire stakeholders to actively contribute to the transition and the preservation of oceans, seas and waters to 2030 and beyond.

To accelerate the transition towards an innovative and circular blue economy, in line with regions' strategic priorities, as defined by their Smart Specialisation Strategies (S3), BlueMissionBANOS organises regional pilot demonstration arenas (Mission Arenas) involving innovators, business support and training organisations, local stakeholders and any interested parties to accelerate the uptake of innovative solutions in support of Mission Ocean. Furthermore, BlueMissionBANOS develops a consistent monitoring framework to assess progress in achieving carbon neutrality and circularity.

Finally, BlueMissionBANOS facilitates synergies and matchmaking between actors working towards achieving the Mission Ocean objectives in the BANOS area, by providing a catalogue of services, technical expertise and projects that can foster progress, collaboration and knowledge sharing. The BlueMissionBANOS project is funded under the HORIZON-MISS-2021-OCEAN-04 call by the European Union under Grant Agreement ID 101093845 and runs from December 2022 until November 2025.



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## EXECUTIVE SUMMARY

This deliverable is a dataset representing the catalogue of solutions relevant to Mission Ocean in general and BlueMissionBANOS in particular, currently available on the WaveLinks platform. Here, we provide an explanation of all data columns appearing in the downloadable version of the catalogue, as well as information about the data sources from which the projects were collected and curated. The annex includes the actual catalogue of projects, in Excel sheet format, downloaded from the WaveLinks database on 29/9/2025. The database will be updated in the future, and the catalogue will change, so this represents a current snapshot as of September 2025.

## 1. BACKGROUND

### 1.1. THE WAVELINKS PLATFORM

The [WaveLinks.eu](https://wavelinks.eu) website is a platform developed within the BlueMissionBANOS project, in close collaboration with the BlueMissionAA and PREP4BLUE projects. WaveLinks offers a user-friendly and intuitive web interface allowing all stakeholders to access, search, and contribute relevant data and information in the context of the EU's Mission Restore our Ocean and Waters ([Mission Ocean](#)). Users of WaveLinks can easily explore and filter projects, stakeholders, citizen science initiatives, engagement methods, and solutions linked to the Mission Ocean objectives. WaveLinks currently showcases close to 5900 projects, more than 14000 stakeholders, 50 engagement methods, 950 citizen science initiatives, and 226 solutions, covering the three objectives of the Mission Ocean.

Technologically, the monitoring platform of WaveLinks leverages a robust and scalable technology stack, including Django, PostgreSQL, and Next.js, to manage large volumes of data and traffic efficiently. Data sources for the monitoring platform include contributions from various open-source platforms, such as the Mission Ocean Charter, UN Decade of the Ocean, Cordis, and the EC Portfolio, together with direct contribution of curated data from BlueMissionBANOS and other Mission Ocean CSAs.

In the original grant proposal, solutions were referred to as “services/know-how”. During the project duration, in consultation with project partners, we changed this designation and are referring to this data as “solutions” instead. Collective agreement has been that the designation of solutions better describes the full diversity of reusable knowledge that is contained in the collected entries.

## 2. SOLUTIONS CATALOGUE DESCRIPTION

### 2.1. DATA SOURCES

There are currently 226 solutions in the WaveLinks database. All the solutions are the result of curated entries submitted by the project partners from the BlueMissionBANOS, Prep4Blue, and BlueMissionAA projects. The WaveLinks platform also has a possibility of users submitting their solutions, and we expect this manual entry to be a data source used more in the future.

While some of the data in the catalogue of solutions was collected in Coordination and Support Actions other than BlueMissionBANOS (BlueMissionAA and Prep4Blue), we present all the available data here, since all solutions are possibly relevant to BlueMissionBANOS and can be of use to stakeholders in this lighthouse region.

## 2.2. SOLUTIONS CATALOGUE DATA DESCRIPTION

The data catalogue can be downloaded directly from the WaveLinks website as an Excel spreadsheet or a CSV (comma separated values) file. Here, we explain the meaning of the column headings in both downloadable files. Additional information about the data ontology used to store solutions data can be found in the BlueMissionBANOS Deliverable 6.1.

<b>Colum heading</b>	<b>Definition</b>
area	Solution Area
background	Background description of the solution
beneficiaries	Potential solution beneficiaries
benefits	Potential benefits from this solution
brl	Business reediness level
category	Category of solution
contact_person	Contact person for the solution
contextual_information_ss	Contextual information about solution
created_on	Date when this record was created
data_source	Solution data source
description	Description of the solution
email	Email of the contact person
financial_level	Financial readiness level
id	Database ID
irl	Impact readiness level
keywords	Solution Keywords
ko_code	Date when this record was last updated
last_updated	Knowledge output reference code
lighthouse	Lighthouse the solution can contribute to
mission_ocean_enablers	Mission enablers
mission_ocean_impact	Imact the soltion can have on Mission Ocean
mission_ocean_objectives	Mission Ocean objective the solution contributes to

mission_ocean_targets	Mission Ocean targets the solution is directed at
potential_impacts_and_applications	Database ID of the project associated
project_id	Database ID of the relevant projects
provider	Organization
reviewed	Has the solution been manually reviewed
scale	Solution scale
search_vector	Advanced search parameters (to be implemented)
srl	Societal readiness level
technical_description	Solution technical description
theme	Solution theme
title	Solution title
trl	Technical readiness level
website	Solution website

Table 1. Column heading for the solutions catalogue

## 3. ANNEXES

### 3.1. EXCEL FILE WITH ALL SOLUTIONS DATA

The annex to this deliverable is Excel, [solutions.xlsx](#), containing all the solutions data available on WaveLinks as of 29/9/2025. You can access this dataset here: <https://bluemissionbanos.eu/wp-content/uploads/2025/07/projects.xlsx> and can find the most up to date solution list on WaveLinks: [https://wavelinks.eu/explore/solutions?page=1&page\\_size=10](https://wavelinks.eu/explore/solutions?page=1&page_size=10).