



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development

The Nippon Foundation-GEBCO Seabed 2030 Project Decade Programme

Greenland © Adam Toolanen

Lead Institution

The Nippon Foundation- GEBCO Seabed 2030 Project

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KEY PARTNERS

- The Nippon Foundation
- General Bathymetric Chart of the Oceans (GEBCO)
- The International Hydrographic Organization (IHO)
- Intergovernmental Oceanographic Commission of UNESCO (IOC-UNESCO)

DECADE CHALLENGES ADDRESSED

CHALLENGE 1: Understand and beat marine pollution

CHALLENGE 2: Protect and restore ecosystems and biodiversity

CHALLENGE 3: Sustainably feed the global population

CHALLENGE 4: Develop a sustainable and equitable ocean economy

CHALLENGE 5: Unlock ocean-based solutions to climate change

CHALLENGE 6: Increase community resilience to ocean hazards

CHALLENGE 7: Expand the Global Ocean Observing System

CHALLENGE 8: Create a digital representation of the Ocean

CHALLENGE 9: Skills, knowledge and technology for all

CHALLENGE 10: Change humanity's relationship with the ocean

OCEAN BASINS

North Atlantic	Indian
South Atlantic	Arctic
North Pacific	Southern
South Pacific	

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Summary

Ocean knowledge is critical to understanding our planet yet today we know little about the shape of the ocean floor with 81% yet to be fully mapped. The Nippon Foundation-GEBCO Seabed 2030 Project is a collaboration between The Nippon Foundation and the General Bathymetric Chart of the Oceans (GEBCO) to produce the definitive bathymetric map of the entire ocean by 2030. This is driven by strong motivation to empower the world to make policy decisions, use the ocean sustainably and undertake scientific research informed by detailed understanding of the ocean floor. The map will be freely available for all users.

Duration: 01/08/2017 - 31/07/2030

Priority Activities (first 2 years)

For the first two years, The Nippon Foundation-GEBCO Seabed 2030 Project will focus on:

- Data acquisition
- Periodic updates to the definitive bathymetric map of the ocean
- Building ocean mapping capacity
- Informing policy decisions and sustainable actions in ocean science
- Inspiring all to contribute data, including via crowdsourcing initiatives
- Engaging with those leading on innovative technology to accelerate ocean mapping
- Outreach and networking activities

"In what is the most ambitious seafloor mapping initiative to date, The Nippon Foundation - GEBCO Seabed 2030 Project's mission is to have a complete and freely available map of the world's oceans by 2030."

*Jamie McMichael-Phillips
Seabed 2030 Project Director*

