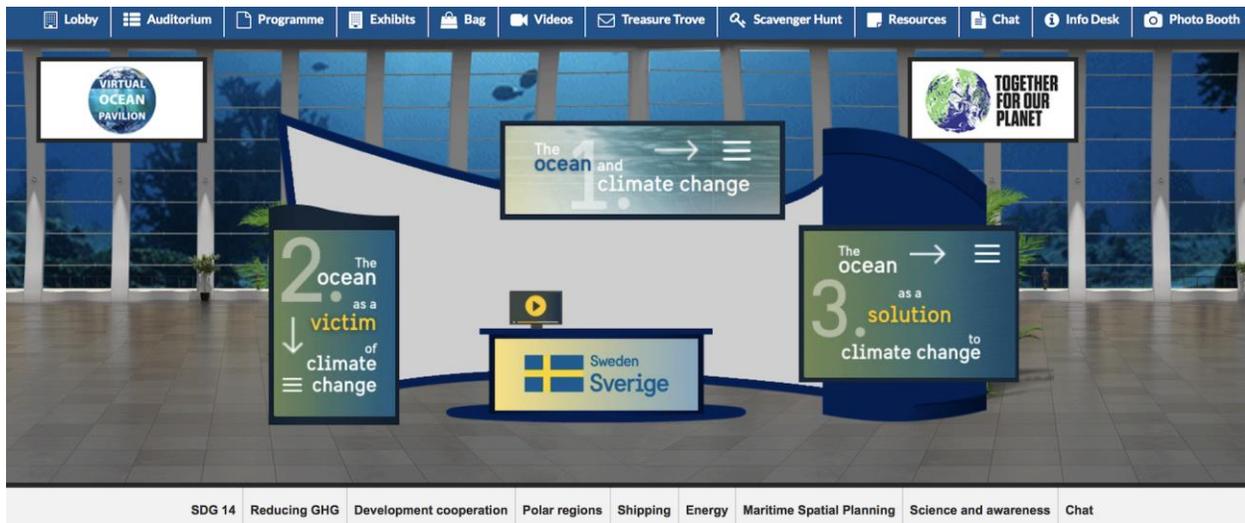


# COP26 VIRTUAL OCEAN PAVILION EXHIBITS

## Sweden



### Description

Welcome to Sweden's booth at the COP26 Virtual Ocean Pavilion! Here, we have gathered information about Sweden's efforts to mitigate climate change and protect the ocean. Several Swedish ministries and agencies have contributed with material.

**Welcome to Sweden's booth at the COP26 Virtual Ocean Pavilion:** <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635647542sweden-introduction-pdf1635647542.pdf>

**The Ocean as a Victim of Climate Change:** <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635646954the-ocean-as-a-victim-of-climate-change-pdf1635646954.pdf>

**The Ocean as a Solution to Climate Change:** <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635646975the-ocean-as-a-solution-to-climate-change-pdf1635646975.pdf>

**Every Second Breath:** [https://vimeo.com/398495782?embedded=true&source=video\\_title&owner=109781534](https://vimeo.com/398495782?embedded=true&source=video_title&owner=109781534)

**SDG 14:** <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635656124sdg-14-cop26-1-pdf1635656124.pdf>

**Reducing GHG:** <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635758727reducing-ghg-2-pdf1635758727.pdf>

**Development Cooperation:** Sweden will be part of the solution for the world to meet the 1.5-degree Celsius goal. Ahead of UN Climate Change Conference COP 26, the Swedish Government decided to double Swedish climate aid to SEK 15 billion by 2025. Swedish climate aid contributes to important investments in both reduced emissions and more climate-friendly and resilient societies in poorer parts of the world. Multilateral funds are one way of providing

climate financing. Sweden is one of the biggest donors per capita to this financial mechanism within the framework of the United Nations Framework Convention on Climate Change (UNFCCC): the Green Climate Fund and the Global Environment Facility. The remainder of climate financing is via other funds and Sida's (Sweden's government agency for development cooperation) regional and bilateral cooperation. It is important to cut emissions, but we also must strengthen the ocean's resilience. Mangroves, seagrass beds and other coastal habitats are crucial for CO2 storage as so called blue carbon. Sweden is contributing to developing countries' efforts to achieve SDG 14 through i.a. Blue Action Fund, the World Bank's Blue Economy Program, PROBLUE, and the Global Environment Facility. Environmental and climate issues are integrated in Sweden's international development cooperation. Learn more at Sida's website (<https://www.government.se/country-and-regional-strategies/2018/06/strategy-for-swedens-global-development-cooperation-in-the-areas-of-environmental-sustainability-20182022/>) and read the Strategy for Sweden's global development cooperation in the areas of environmental sustainability, sustainable climate and oceans, and sustainable use of natural resources 2018–2022. More useful links:

Read more about the doubling of the Swedish climate aid [here](#)

Read more about Blue Action Fund [here](#).

Watch the video below about Blue Action Fund featuring its work by Fauna & Flora International and partners in São Tomé and Príncipe - <https://youtu.be/mhRRXV91wCo>

Below is another video that highlights some of the work supported by Blue Action Fund that is carried out by the grantees YKAN and TNC in Bird's Head Seascape, a global marine biodiversity hotspot located in West Papua, Indonesia - [https://youtu.be/wdhm6cuzH\\_M](https://youtu.be/wdhm6cuzH_M).

Read more about PROBLUE [here](#). You can also watch this video about how PROBLUE helps countries transition to a blue economy approach, by seeking to achieve integrated, sustainable economic development in healthy oceans: <https://youtu.be/E5iIRDjil-E>. Read more about the Green Climate Fund (GCF) [here](#).

The GCF supports projects focusing on both mitigation and adaptation to climate change. Some of these projects also have a connection to the ocean. Recently, the GCF decided to invest USD 125 million in the Global Fund for Coral Reefs. Read more here. Read more about the Global Environment Facility [here](#).

**Polar Regions:** <https://vepimg.b8cdn.com/uploads/vifnew/6281/content/docs/1635758238polar-regions-pdf1635758238.pdf>

**Shipping:** The shipping industry has an important role to play in the implementation of the Paris Agreement when it comes to among other things electrification, alternative fuels and increased transport efficiency. The journey has just begun. Much more needs to be done.

The Swedish commitment to the International Maritime Organization (IMO) is long-standing and Sweden became a member of the IMO in 1959. As a firm believer in the objectives of the IMO, Sweden has constructively and dedicatedly participated in the work of the Organization for over six decades. Sweden strongly supports the implementation of the 2030 Agenda for Sustainable Development and SDG 14. We are committed to continuing to show leadership in order to ensure fulfilment of this important goal to which IMO's work is integral. Sweden now seeks election in the IMO council to increase the possibility of pushing the climate agenda, and more. Sweden for the IMO Council: <https://youtu.be/sptwW6brd4Y>. Read more about the Swedish candidacy to the IMO council [here](#). A few practical Swedish examples on projects how to decrease emission from shipping:

[Sweden's work with cutting fossil fuels from shipping](#), [Candela's electric ferries](#), [ForeSea battery project](#), [The Ocean Bird concept](#), [Stena Methanol project](#)

**Energy:** The ocean is the world's largest untapped source of renewable energy, with the potential to contribute to the climate and environmental policy goals of Agenda 2030 for Sustainable Development as well as to play a vital role in social and economic development. Ocean technology exploits the power of wind, waves, currents and tides as well as differences in temperature and salinity, to produce energy. Ocean energy could for example provide 10% of Europe's current electricity needs by 2050. That's enough to power 94 million households per year. Read more about Sweden's energy at the [website](#) of the Swedish Energy Agency.

Sweden has leading and globally recognised researchers, scientists and companies in the area of ocean energy. Whilst still to fully mature, Swedish innovations can make a difference. Find out more about Swedish companies below: [CorPower Ocean](#).

Introducing CorPower Ocean: <https://www.youtube.com/watch?v=jBaGO55Bkxc>

Flowocean: <https://www.youtube.com/watch?v=Fw-u9P2V1Vk>

Minesto: [https://www.youtube.com/watch?v=xGBO\\_ETdAAw](https://www.youtube.com/watch?v=xGBO_ETdAAw)

Noviocean: [https://www.youtube.com/watch?v=xGBO\\_ETdAAw](https://www.youtube.com/watch?v=xGBO_ETdAAw)

SeaTwirl: <https://youtu.be/wMftW4ldgul>

Waves4Power: <https://youtu.be/pBD8pRZpYwU>

Hexicon: <https://youtu.be/bTDbUiBDGCo>

**Maritime Spatial Planning:** The resources of the ocean and coastal areas must be used sustainably to ensure that ecosystems are maintained and restored while enabling maritime industries to develop and grow. The ocean and its resources are very beneficial to a society. These benefits include recreational environments, production of food and renewable energy, and scope for transport. Animal and plant life in and around the ocean are important parts of the ecosystem and form the basis of a rich biodiversity that provides resilience to climate change. New innovative uses are being made of marine resources, but the strain on ecosystems is great. There is huge need for sustainable use of marine resources, and at the same time there are challenges, such as a changing climate, a growing population, urbanisation and a globalised world.

Maritime spatial planning aims to ensure the sustainable use of the ocean – now and in the future. Many interests need to agree on how to share marine resources, and maritime spatial planning facilitates this by providing guidance on how the ocean can best be used from a holistic perspective. The aim of maritime spatial plans is to help ensure that:

- a good environmental status in marine environments is achieved and maintained
- marine resources are used sustainably so that maritime industries can grow
- coexistence is promoted between different activities and areas of use.

International cooperation is a part of Sweden's national maritime spatial planning. Read more about our work [here](#). ClimeMarine is a Swedish project with the purpose of enhancing the understanding of how climate change affects maritime spatial planning. Watch this video to learn more: <https://youtu.be/ONfYleZ0LHQ>. The Swedish Agency for Marine and Water Management uses a strategic tool called "Symphony" in their work with eco-system based maritime spatial planning. Learn more by watching this video: <https://youtu.be/E9p7ISpNGKM>. Conservation and restoration of biodiversity is an important aspect of eco-system based

maritime spatial planning. The restoration of eelgrass at the Swedish northwest coast is a great example. Learn more by clicking [here](#) or by watching this video: <https://youtu.be/tZsrr6f1NsY>. Watch this video to learn about how European countries cooperate across borders and sectors for a smart, sustainable and fair use of the maritime space: <https://youtu.be/aAQeTCIXL14>.

**Science and awareness:** The ocean covers more than 70 per cent of the Earth's surface and is extremely deep. But despite the importance of the ocean to the climate and our lives, it has not been adequately researched. There is considerably less knowledge about the ocean and its resources than there is about land areas and the atmosphere. It is crucial that people become more aware of the importance of the ocean. Ocean literacy is an understanding of the ocean's influence on you – and your influence on the ocean. Watch this video about the importance of ocean literacy: <https://youtu.be/8eTFvLe4biY>. The UN Decade of Ocean Science for Sustainable Development – the Ocean Decade – which began this year is a unique opportunity to increase knowledge and awareness of the importance of the ocean and involve actors all over the world to work towards common goals, create new partnerships and strengthen long-term international cooperation to implement the 2030 Agenda. Read more on the Ocean Decade [website](#). As part of the initiative, Sweden has established a [National Committee for the UN Decade of Ocean Science - Formas](#). Sweden is a driving force in sustainable development issues and research in the area of the environment and climate. The Swedish Government has adopted a ten-year national research programme on the ocean and water, which it has instructed FORMAS (Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning) to carry out. The purpose of the research programme is to create the conditions for a strategic and long-term approach with a holistic perspective on water. It will facilitate close cooperation between researchers and stakeholders. Research on the marine environment of the Baltic Sea – which is one of the world's most polluted seas – and the Öresund strait – one of the world's most trafficked waterways – is included in the programme. Read more about it [here](#). The Swedish Meteorological and Hydrological Institute also conducts research on the ocean. Read more [here](#).

## Documents

1. Swedish Agency for Marine and Water Management - Ocean acidification: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635652520ocean-acidification-2-pdf1635652520.pdf>
2. Swedish Agency for Marine and Water Management - Sustainable fisheries: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635652528sustainable-fisheries-pdf1635652528.pdf>
3. Swedish Agency for Marine and Water Management - Science and technology: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635652538science-and-technology-pdf1635652538.pdf>
4. Swedish Agency for Marine and Water Management - Marine pollution: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635652547marine-pollution-pdf1635652547.pdf>
5. Swedish Agency for Marine and Water Management - Marine litter: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635652558marine-litter-pdf1635652558.pdf>
6. Swedish Agency for Marine and Water Management - Ecosystem based management:

<https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635652568ecosystem-based-management-pdf1635652568.pdf>

7. Swedish Agency for Marine and Water Management - Blue growth:  
<https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635652578blue-growth-pdf1635652578.pdf>
8. SWEA's Strategy for Ocean Energy:  
<https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635655332ocean-energy-strategy-swea-pdf1635655332.pdf>