



# UN Sustainable Development Goals

DESMI Commitments



# Contributing to UN's sustainable development goals

Sustainable Development Goals (SDGs) (or Global Goals for Sustainable Development) are a collection of 17 global goals set by the United Nations General Assembly.

In DESMI we are committed to the UNDP goals within various business segments:

## DESMI EnviRo-Clean:

The mission of DESMI EnviRo-Clean is to reduce the plastic pollution of the oceans. Therefore, we aim to tackle the problem as close to the source of pollution as possible.



We collect waste and plastic waste with our boom equipment in rivers, canals, lakes, seas and oceans.



When collecting and recycling the waste and plastic, and using it for heating or cooling afterwards it will provide the society with clean energy at an affordable price.



With clean waters in rivers, lakes etc. near cities, the environment for people will be improved and by recycling the waste and plastic, we ensure a sustainable community.



The collection of waste will have an impact on the future consumption with less plastic packaging and hopefully reduce the production of plastic in the future.



By collecting the waste and plastic from waters around the world, we ensure that the living organisms in rivers, lakes etc. will survive and keep re-producing themselves.

## DESMI Ocean Guard

Ballast Water Management Systems:

DESMI Ocean Guard develops and sells ballast water management systems for the removal of living organisms from ships' ballast water



Ballast water management is needed in order to protect marine ecosystems and human interests that coexist within the existing ecosystems around the globe. Ships are carrying ballast water and the ballast water often originates from environmental ecosystems with different organisms than the ecosystem in which the ballast water is discharged. The water contains different kinds of organisms that can invade local maritime ecosystems and become invasive species.

## DESMI Scrubber Pump Solutions

Stainless steel scrubber pumps for both Sea and Land.



IMO has set a global limit for sulphur in fuel oil used on board ships of 0.50% m/m (mass by mass) from 1 January 2020. This will significantly reduce the amount of sulphur oxide emanating from ships and should have major health and environmental benefits for the world, particularly for populations living close to ports and coasts. Goal no 13 is our commitment within scrubber pump solutions to reach the goal of Climate Action.

## DESMI Pumps for Heating & Cooling Applications

DESMI focus on energy efficient pump solutions. We are an active partner of the 4th Generation District Heating Research, which is about creating optimum energy efficient systems within District Heating temperatures down to 55 degr. C. and we provide energy efficient pumping solutions for water intake (e.g. seawater) and centralized cooling plants.



We are committed to all four goals as there are higher efficiencies and better pollution control when using district heating and cooling compared to de-centralized systems. At the same time we take part in the development of infrastructure with renewable energy and climate action with the reduction of greenhouse gasses.

## DESMI Pumps for AquaCulture Applications

Sustainability is a key element in all areas of the AquaCulture industry. The ongoing rapid development in the AquaCulture industry is continuously affected by the population growth, which is increasing the demand for farmed fish and wild catch, and DESMI pumps are used in the AquaCulture industry.



Farmed fish and wild catch will give more food for the growing population around the world.

## DESMI OptiSave

Energy Saving System - Optimizing Pump and Fan Speed to Current Conditions and Saving Fuel.



By installing the OptiSave system on board ships, the CO<sub>2</sub> emission will be reduced significantly, and the use of fuel will be minimized proportional with the power consumption.

## DESMI OptiPower

Power Quality System - Maximum performance of the electrical network in marine and industrial applications.



By installing OptiPower you reduce the loss within the electrical network and prevent electrical distortion - given cost saving and better energy consumption.



By installing OptiPower the loss of energy will be reduced.

## DESMI Ro-Clean - Oil Spill Response Equipment



By collecting the oil spillage from waters around the world, we ensure that the living organisms in rivers, lakes etc. will survive and keep re-producing themselves.

## DESMI Partnerships for Goals



DESMI are a part of SGD Accelerator, Plastic Ocean Forum and co-creator of Center of Excellence. These organizations are fighting to reduce pollution and working towards more environmentally friendly solutions.

SDG Accelerator: Is a programme by United Nations Development Programmes Nordic Representation Office and serves as a platform for Nordic frontrunner companies to strengthen business and value creation that also has Sustainable Development Goals impact.

Plastic Ocean Forum: A Danish organization of 50 companies, who are working together to remove plastic from the world oceans.

Center of Excellence: In a partnership between DESMI and the Government of India, DESMI Centre of Excellence on Waste to Wealth is born.

The objective of Center of Excellence is removal of floating debris from drains and water bodies, and generating resources from the collected waste.





Need more information or specifications? Contact us at [desmi@desmi.com](mailto:desmi@desmi.com) or read more about DESMI and our products and solutions at [www.desmi.com](http://www.desmi.com)

MARINE & OFFSHORE

INDUSTRY

OIL SPILL RESPONSE

DEFENCE & FUEL

UTILITY