



## The Ocean Cleanup takes on polluted rivers – meet the Intercepter

On 26 October, The Ocean Cleanup launched a new solution targeting plastic waste in rivers. The Intercepter is a solar powered, autonomous, floating solution which extracts plastic from rivers, and its main purpose is to prevent more plastic from reaching the oceans.

Published 19 November 2019

Written by Marianne Bruun Mackrill, Marie Garmannslund Eide

*The information provided in this article is intended for general information only. While every effort has been made to ensure the accuracy of the information at the time of publication, no warranty or representation is made regarding its completeness or timeliness. The content in this article does not constitute professional advice, and any reliance on such information is strictly at your own risk. Gard AS, including its affiliated companies, agents and employees, shall not be held liable for any loss, expense, or damage of any kind whatsoever arising from reliance on the information provided, irrespective of whether it is sourced from Gard AS, its shareholders, correspondents, or other contributors.*

## **Insured by Gard**

80% of plastic originating from rivers stems from 1,000 rivers alone and these are the arteries that carry waste from land to the ocean. To rid the oceans of plastic, The Ocean Cleanup is not only aiming to clean up the plastic already in the oceans, but also to prevent further plastic from reaching the ocean.

Last year, Gard provided P&I insurance for The Ocean Cleanup's first cleanup system inside the Great Pacific Garbage Patch, System 001, also known as WILSON. We are delighted to continue our support for The Ocean Cleanup's valuable work by providing P&I insurance for the Interceptor.

The Interceptor is capable of operating in the majority of the world's most polluting rivers. Two devices have already been deployed in the Cenkareng Drain in Indonesia and Klang River in Malaysia, two of the world's most polluting rivers.

## **Scalable, energy neutral and connected**

The interceptor has been designed for mass production and can be applied virtually anywhere in the world. The waste enters the Interceptor with the natural current of the river. All electronics onboard, including the conveyor belt, shuttle, lights, sensors, data transmission, are solar-powered.

The solution is also internet-connected, allowing The Ocean Cleanup to collect continuous performance and collection data. It also enables the solution to automatically notify local operators once the dumpsters are full.

The Interceptor is capable of extracting 50,000 kg of trash each day –reaching 100,000 kg per day under optimal conditions. The goal of The Ocean Cleanup is to tackle these 1,000 most polluting rivers all over the world by 2025 in partnerships with government leaders and private corporations.

## **Complements the UN SDGs**

The Ocean Cleanup's goals complement Gard's work with the UN for sustainable development goals in the oceans and we have been discussing how we can help The Ocean Cleanup with insurance cover since Boyan Slat spoke at Gard's Summer Seminar in 2016. Supporting The Ocean Cleanup aligns with our corporate mission to together to enable sustainable maritime development as it is vital to improve the state of the ocean for future generations. Further information is available on [The Ocean Cleanup website](#) .

*The information provided in this article is intended for general information only. While every effort has been made to ensure the accuracy of the information at the time of publication, no warranty or representation is made regarding its completeness or timeliness. The content in this article does not constitute professional advice, and any reliance on such information is strictly at your own risk. Gard AS, including its affiliated companies, agents and employees, shall not be held liable for any loss, expense, or damage of any kind whatsoever arising from reliance on the information provided, irrespective of whether it is sourced from Gard AS, its shareholders, correspondents, or other contributors.*