

NOVA Chemicals Takes Action to Prevent Plastic Debris from Reaching the Ocean

Calgary, Alberta/Canada (August 28, 2018) – OVA Chemicals today announced a three-year investment of nearly \$2 million (1.5 million EUR) to prevent plastic debris from reaching the ocean. The investment supports Project STOP, a new global initiative to design and implement solutions to reduce marine plastic pollution especially in countries with high leakage of plastics into our oceans.

Southeast Asia has been identified as a major source of marine plastic debris as economic development and plastics consumption have outpaced the expansion of waste management systems in the region. Project STOP has chosen Indonesia as a primary focus region.

“We understand the growing concern about marine plastic pollution and agree we must take meaningful action to address this challenge. NOVA Chemicals’ investment demonstrates our commitment to shaping a world that is even better tomorrow than it is today,” said John Thayer, Senior Vice President, Polyethylene Business at NOVA Chemicals. “Plastics are too valuable to be thrown away or left as litter. We’re working with Project STOP to find high-impact solutions to prevent plastic pollution in critical locations around the world.”

NOVA Chemicals’ investment will support the first city partnership in Muncar, a coastal fishing community located in Banyuwangi, Indonesia. With minimal waste services in place, many citizens are forced to dump their waste directly into the environment. Muncar was chosen as the first STOP location due to the seriousness of the challenge, coupled with strong leadership and environmental commitment at national, regency and local levels.

Project STOP was co-created in 2017 by Borealis and SYSTEMIQ. Borealis, a sister company of NOVA Chemicals, is a leading provider of innovative solutions in the fields of polyolefins, base chemicals and fertilizers, and SYSTEMIQ is a firm that co-creates, incubates and invests in innovative solutions for sustainable land-use, material and energy systems.

“Project STOP represents an important step towards creating a plastics circular economy. We are more than pleased that, after our joint venture with Borouge, our sister company NOVA Chemicals joins forces with us in this industry-leading initiative,” explained Alfred Stern, CEO of Borealis. “The collaboration of Borealis, Borouge and NOVA Chemicals highlights our commitment to proactively help solve the issue of ocean plastic.”

Project STOP is focused on three objectives:

1. **Zero leakage of waste into the environment** by ensuring waste collection services are available to all households and businesses, through increasing pick-up points, sorting facilities and staff.
2. **Increased recycling of plastics** by strengthening the supply chain from waste collection to waste management companies.
3. **Benefits for the local community** by creating new jobs in the waste management system and reducing the impacts of mismanaged waste on public health, tourism and fisheries.

“We are delighted to work with NOVA Chemicals to stop plastic pollution from reaching the world’s oceans,” said Martin Stuchtey, Founder and Managing Partner of SYSTEMIQ. “There is a great need to accelerate circular waste management solutions in Asia, and we are very excited to design and deliver this new city partnership model, working collaboratively with our global corporate partners and our government partners in Indonesia.”

About NOVA Chemicals Corporation

NOVA Chemicals develops and manufactures chemicals and plastic resins that make everyday life healthier, easier and safer. Our employees work to ensure health, safety, security and environmental stewardship through our commitment to sustainability and Responsible Care®. NOVA Chemicals, headquartered in Calgary, Alberta, Canada, is wholly-owned ultimately by Mubadala Investment Company of the Emirate of Abu Dhabi, United Arab Emirates.

Visit NOVA Chemicals on the Internet at www.novachemicals.com.

About Borealis

Borealis is a leading provider of innovative solutions in the fields of polyolefins, base chemicals and fertilizers. With its head office in Vienna, Austria, the company currently has around 6,600 employees and operates in over 120 countries. Borealis generated EUR 7.5 billion in sales revenue and a net profit of EUR 1,095 million in 2017. Mubadala, through its holding company, owns 64% of the company, with the remaining 36% belonging to Austria-based OMV, an integrated, international oil and gas company. Borealis provides services and products to customers around the world in collaboration with Borouge, a joint venture with the Abu Dhabi National Oil Company (ADNOC). www.borealisgroup.com

About SYSTEMIQ

SYSTEMIQ aims to catalyse good disruptions in economic systems that will speed achievement of the UN Global Goals and the Paris Agreement. With initiatives across the land use, material and energy sectors, SYSTEMIQ builds coalitions to shape policies and business strategies, co-creates market-based solutions in partnership with the private and public sectors, and invests its own capital in early-stage ventures with the biggest potential to rapidly transform economic activity. To learn more, visit www.systemiq.earth.

#

Media inquiries, please contact:

NOVA Chemicals: Jennifer Nanz, Corporate Communications
E-mail: Jennifer.Nanz@novachem.com

Borealis: Virginia Mesicek, External Communications Manager
E-mail: virignia.mesicek@borealisgroup.com, phone: +43 1 22 400 772 (Vienna, Austria)

Systemiq: Clare Oh, Media Lead
E-mail: clare.oh@systemiq.earth

The NOVA Chemicals logo is a registered trademark of NOVA Brands Ltd.; authorized use.

Video

Click on the image to play the Project STOP Video.



Photos

Click on photo to view the full-size version.



NOVA Chemicals announced a three-year investment of nearly \$2 million to prevent plastic debris from reaching the ocean.



NOVA Chemicals supports Project STOP to reduce marine plastic pollution in critical locations around the world.



Current photo of beach in Muncar, a coastal fishing community located in Banyuwangi, Indonesia. With minimal waste services in place, many citizens have no other option but to dump their waste directly into the environment.



Project STOP local facilitators begin to train Muncar residents how to sort their waste into organics, recyclables and waste. Muncar, a fishing community located in Banyuwangi, Indonesia, was chosen as the first Project STOP location.



Southeast Asia has been identified as a major source of marine plastic debris. Project STOP has chosen Indonesia as a primary focus region due to the seriousness of the challenge, coupled with strong leadership and environmental commitment at national, regency and local levels.



Project STOP logo.

Quotes

"NOVA Chemicals is helping to shape a world where products vital to our health and happiness are even better tomorrow than they are today. We are proud to support Project STOP and take action to address the issue of marine plastic pollution."

-Todd Karran, President and CEO, NOVA Chemicals

"Plastics are too valuable to be thrown away or left as litter. We're working with Project STOP to find high-impact solutions to prevent plastic pollution in critical locations around the world"

-John Thayer, Senior Vice President, Polyethylene Business at NOVA Chemicals

Fact Sheets

[NOVA Chemicals](#)

Forward Looking Statements:

This news release contains forward-looking statements, including the expected capital investment in, and timing of start-up of, the two growth projects in Ontario and expected timing of start-up of the proposed joint venture with Borealis and Total. By their nature, forward-looking statements require NOVA Chemicals to make assumptions and are subject to inherent risks and uncertainties. NOVA Chemicals' forward-looking statements are expressly qualified in their entirety by this cautionary statement. In addition, the forward-looking statements are made only as of the date of this news release, and except as required by applicable law, NOVA Chemicals undertakes no obligation to update the forward-looking statements to reflect new information, subsequent events or otherwise.