

Sarnia-Lambton Growth Media Kit

Calgary, Alberta/Canada (December 8, 2017) – Today NOVA Chemicals Corporation (NOVA Chemicals) announced two significant growth projects for its Ontario operations involving a capital investment expected to exceed Cdn \$2 billion. This brings industry-leading manufacturing technology to Ontario, with improved product performance and increased energy efficiency.

The announcement marks the addition of two new large-scale capital investments in the Sarnia-Lambton region. The expansion of NOVA Chemicals' Corunna cracker by approximately 50 percent will provide ethylene feedstock to a new polyethylene facility, NOVA Chemicals' second Advanced SCLAIRTECH™ technology facility (AST2). The AST2 facility is designed to increase NOVA Chemicals' polyethylene production capacity by approximately 950 million pounds (450 kilotons) per year. Site preparations are currently underway for both projects, with start-up targeted for late 2021.

"We are pleased to be moving forward with this growth opportunity and thankful for the support from the provincial government. With this investment, we are bringing innovation to the North American and global marketplace, investing in our highly skilled people and creating a solid future for the communities in which we operate. This was made possible by our talented teams across Canada, the strong support of the community and collaboration with Ontario," said Naushad Jamani, Senior Vice President, Olefins and Feedstocks, NOVA Chemicals.

Photos

Click on a photo to view the full-size version.



3D visual of NOVA Chemicals' New Polyethylene Plant Process Area, including some utility areas



NOVA Chemicals Corunna Site tank farm to store products



NOVA Chemicals Corunna quality-control lab



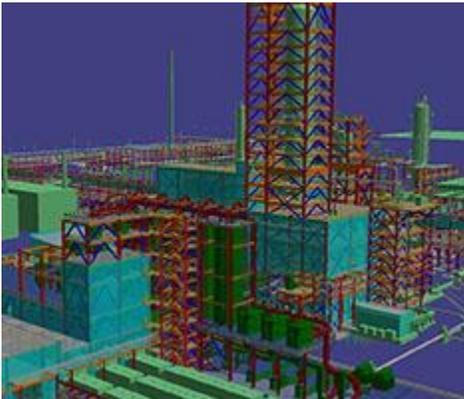
NOVA Chemicals Corunna Site distillation column



NOVA Chemicals Corunna Site worker on process equipment



Inside NOVA Chemicals Corunna Site process area



3D visual of NOVA Chemicals new polyethylene plant, including the reactor area

Videos

Click on the image below to download the video.



Aerial view of NOVA Chemicals Corunna Site

Quotes

"We are pleased to be moving forward with this growth opportunity and thankful for the support from the provincial government. With this investment, we are bringing innovation to the North American and global marketplace, investing in our highly skilled people and creating a solid future for the communities in which we operate. This was made possible by our talented teams across Canada, the strong support of the community and collaboration with Ontario"

-Naushad Jamani, Senior Vice President, Olefins and Feedstock

"I'm extremely honoured to share in this exciting and historic milestone with our employees and our community. A supportive welcoming community is an important factor in making investment decisions. The support of the Sarnia-Lambton region has been outstanding and greatly appreciated. We look forward to the safe construction, commissioning and start-up of our new facility and expansion."

-Tom Thompson, Regional Manufacturing Director

Fact Sheets

[About NOVA Chemicals](#)

[Update on Our Growth Projects](#)

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.

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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.