



# **Dow Canada Update**

April 10, 2024

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Alberta Operations



## SEC Disclosure Rules

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- Some of our comments include statements about our expectations for the future. Those expectations involve risks and uncertainties. Dow cannot guarantee the accuracy of any forecasts or estimates, and we do not plan to update any forward-looking statements if our expectations change. If you would like more information on the risks involved in forward-looking statements, please see our annual report and our SEC filings.
- In addition, some of our comments reference non-GAAP financial measures. Where available, a reconciliation to the most directly comparable GAAP financial measures and other associated disclosures is provided at the end of the presentation.

# Agenda

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- Fort Saskatchewan site update
- Fort Saskatchewan Path2Zero update
- Dow's Commitment to the environment and community



## Dow's Fort Saskatchewan Site

- 63<sup>rd</sup> year of safe and reliable operations in Fort Saskatchewan
- Environment, health, safety and sustainability





Existing asset     
  New Dow asset     
  Third-party asset

- |                                     |  |                                      |   |                                      |
|-------------------------------------|--|--------------------------------------|---|--------------------------------------|
| 1  Air separation unit              | 4  Energy Systems & Environment Operations | 7  Solution polyethylene production  | 10  Existing rail   | 13  H <sub>2</sub> / CO <sub>2</sub> |
| 2  H <sub>2</sub> / CO <sub>2</sub> | 5  Admin building                          | 8  LP-8 gas phase polyethylene plant | 11  Logistics & rail car loading                              | 14  FS1 ethylene cracker             |
| 3  Cogeneration                     | 6  Maintenance & Emergency                 | 9  Solution polyethylene production  | 12  Dow Diamond Centre and Maintenance, Repair and Operations | 15  FS2 ethylene cracker             |

## Ongoing Site Preparation and Construction



- 225 workers on site as of February 2024
- 500 by mid-year, 1000 by year end

Major activities expected in 2024:

- Complete site development
  - Temporary power and fiber optic
  - New gates for construction operational, including two new construction entrances on RR 220
  - Training and badging centre secured
  - Piling on all blocks for new assets
  - Arrival of construction materials – pipe and steel

# Administration and Warehouse Buildings



*Architectural rendering*

# Industry Leader in Environmental Sustainability



## PROTECT THE CLIMATE

By 2030, Dow will reduce its net annual carbon emissions by 5 million metric tons vs. its 2020 baseline<sup>1</sup> (15% reduction). By 2050, Dow aspires to be carbon neutral (Scope 1 + 2 + 3 plus product benefits).

Clear path to **reduce carbon emissions 30% by 2030**, from 2005 levels

Advanced plans to build the **world's first net-zero<sup>2</sup> carbon emissions, integrated ethylene cracker** and derivatives site in Fort Saskatchewan, Alberta

Announced a project with X-energy to **install advanced nuclear technology** at our Seadrift, Texas, site to provide safe, reliable low-carbon power and steam

**Developed Scope 1 and 2 carbon emissions reduction plans** for Dow's 25 highest-emitting sites



## TRANSFORM THE WASTE

By 2030, Dow will transform plastic waste and other forms of alternative feedstock to commercialize 3 million metric tons of circular and renewable solutions annually.

We are **collaborating to invest in key technologies and infrastructure** to significantly increase global recycling



## CLOSE THE LOOP

By 2035, Dow will close the loop by enabling 100% of Dow products sold into packaging applications to be reusable or recyclable.

**>80%** of Dow products sold into packaging applications are **reusable or recyclable**

**Post-consumer recycled resins: REVOLoop™** sales and supply partnerships in every geography

Developing advanced recycling feedstocks



Introduced one of **first bio-based, high-performance polyolefin elastomers**



<sup>1</sup> The value of the baseline equals 34.7 million metric tons of carbon dioxide emissions.

<sup>2</sup> In regard to Scope 1 and 2 emissions.





# Supporting Communities



## Stay Connected With Dow

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Look for Dow at these upcoming community events

- Fort Saskatchewan Trade Show – April 19 - 21
- Fort Saskatchewan Downtown Cleanup – April 26
- Fort Saskatchewan Farmers' Market – June 20

A promotional poster for a 'TRADE SHOW & MARKET' event. The background is light green with a darker green wavy border at the bottom. In the top right corner, there are illustrations of several Canadian dollar bills. The text 'SIGN UP NOW!!' is in bold black. Below it, 'TRADE SHOW & MARKET' is in a larger, bold black font. Underneath, the dates 'April 19-21st 2024' and the location 'DOW Centennial Center, Fort Saskatchewan AB' are listed. A paragraph of text reads: 'Join us for a great weekend of supporting local businesses! We have something for the whole family!'. At the bottom left, it says 'FORT SASKATCHEWAN & DISTRICT CHAMBER OF COMMERCE'. On the bottom right, there is a circular logo with 'SUPPORT LOCAL BUSINESS' written around the perimeter and 'LOCAL BUSINESS' in the center.

**SIGN UP NOW!!**  
**TRADE SHOW  
& MARKET**

April 19-21st 2024  
DOW Centennial Center, Fort Saskatchewan AB

Join us for a great weekend of supporting local businesses! We have something for the whole family!

FORT SASKATCHEWAN & DISTRICT  
CHAMBER OF COMMERCE

**SUPPORT  
LOCAL  
BUSINESS**



**Seek**

**Together™**