



**Dow**  
Life in the Heartland Webinar

# 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 Operating EBIT, Operating EBIT Margin, Operating EBITDA, Operating EBITDA Margin, Operating Net Income and Cash Flow Conversion, which are non-GAAP financial measures. For definitions and reconciliation to the most directly comparable GAAP measure, see supplemental information in the Appendix and located at [investors.dow.com](http://investors.dow.com) under Financial Reporting.





# About Dow

**Every answer  
starts with asking  
the right question.**

At Dow, these questions and the pursuit of solutions for the world's toughest challenges inspire us to collaborate and use our materials science expertise to create innovative solutions that transform our world and deliver a sustainable future.



**\$45B**

net sales in 2023



**~35,900**

employees



**98**

manufacturing sites



**31**

countries in which Dow  
manufactures products

# Global Scale, Local Reach and Collaborative Innovation

98 manufacturing sites in 31 countries  
16 Innovation Centers in 10 countries

32

U.S. & Canada

ALBERTA  
Locations

Fort

Saskatchewan

Prentiss

Calgary

15

Latin America

manufacturing sites  
in 4 countries

Europe, the Middle East,  
Africa & India

manufacturing sites  
in 15 countries

35

Asia Pacific

manufacturing sites in  
10 countries

16





**Performance – continuing to  
operate safely**



# Dow's operations in Alberta's Industrial Heartland





# Project - Path2Zero update



# Path to Net Zero by 2050



1

Optimizing manufacturing facilities and processes for sustainability.

2

Increasing use of clean energy and steam

3

Developing low-carbon products and services.

4

Building a value-generating scope 3 decarbonization pathway

5

Investing in transformational, next-generation manufacturing technology.



# Alberta's Industrial Heartland: A World-Class Opportunity

## Feedstock Advantage

- Availability of ethane
- Low natural gas prices
- Canadian upstream and midstream companies focused on CO<sub>2</sub> reductions



## Growth-Enabling Infrastructure

- Midstream growth in pipelines and natural gas liquids separation
- Existing CO<sub>2</sub> capture, transportation and sequestration
- Access to extensive rail network and export terminal



## Government Support

- Financial support that spans municipal, provincial and federal levels
- Established carbon policies and regulations



## Community Integrated Operations

- Longstanding track record of safety and reliability at Alberta Operations
- Supportive local partnerships with government and non-profits
- Business-friendly environment



# What is the Path2Zero Project?



**Cracker - FS2**

Design, procure and construct a net-zero emissions ethane cracker based on circular hydrogen.



**Cracker Retrofit - FS1R**

Convert the existing FS1 cracker to clean hydrogen fuel.



**Third Party - Build, Own Operate**

Provide safe, reliable cost-effective supply of O<sub>2</sub>, H<sub>2</sub>, CO<sub>2</sub>, N<sub>2</sub>, steam and power to site.



**Utilities, Power and Infrastructure**

Deliver the utilities, power, and infrastructure required to support a world scale ethane cracker and associated derivatives



**Solution Polyethylene - Poly 4 & 5**

Build two new solution polyethylene trains and expand capacity by 1,200 kTA



**Gas Phase Polyethylene - LP8 & LP7R**

Build 450 kTA Unipol II Gas Phase PE plant (LP8), doubling Dow's bi-modal product capacity and increase global supply reliability. Debottleneck LP7 (Prentiss).

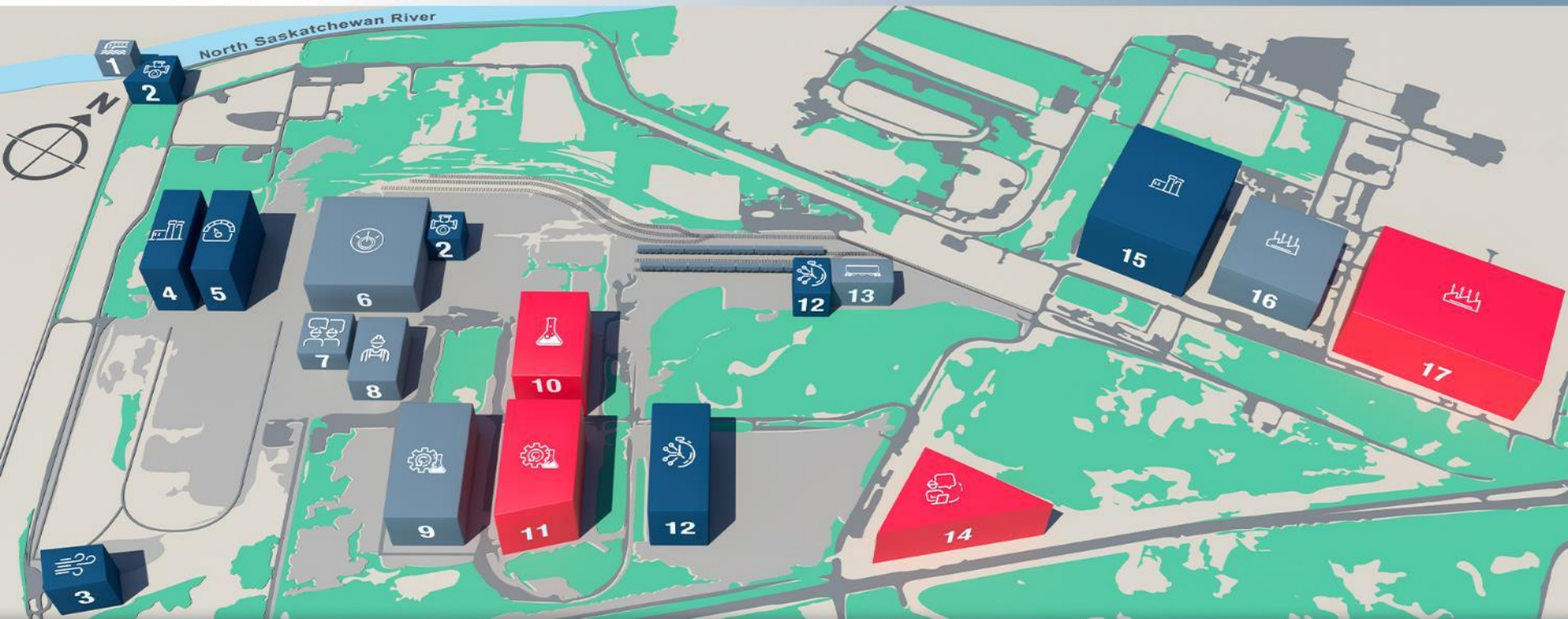


**Third Party Logistics - 3PL**

Work with Third Party Logistic (3PL) partners to build, own and operate the most competitive, agile, reliable and resilient polyethylene supply chain.







Existing asset

New Dow asset

Third-party asset

- |                                     |  |   |   |                          |
|-------------------------------------|--|---|---|--------------------------|
| 1  Intake                           | 5  Cogeneration                            | 9  Solution polyethylene production       | 13  Existing rail   | 17  FS2 ethylene cracker |
| 2  Pump house and water treatment   | 6  Energy Systems & Environment Operations | 10  LP-8 gas phase polyethylene plant     | 14  Dow Diamond Centre and Maintenance, Repair and Operations |                          |
| 3  Air separation unit              | 7  Admin building                          | 11  Solution polyethylene production      | 15  H <sub>2</sub> / CO <sub>2</sub>                          |                          |
| 4  H <sub>2</sub> / CO <sub>2</sub> | 8  Maintenance & Emergency                 | 12  Logistics & rail car wash and loading | 16  FS1 ethylene cracker                                      |                          |

# Construction Update



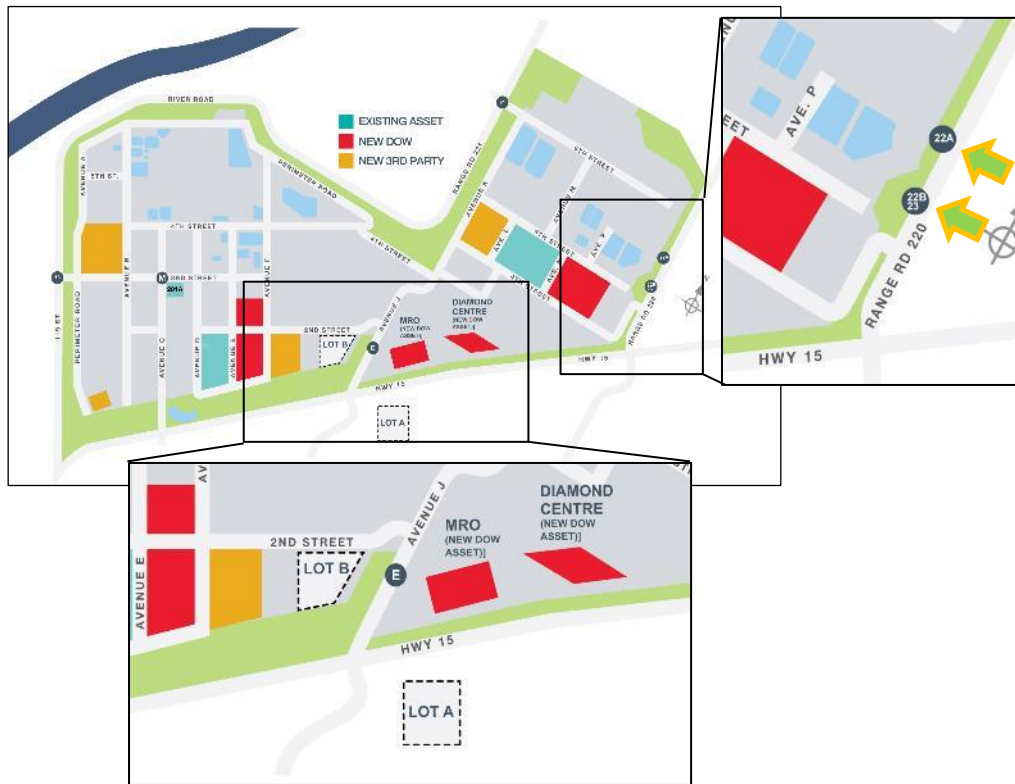
Existing Ethylene Cracker & concrete pilings for the 2<sup>nd</sup> Ethylene Cracker



Diamond Centre – offices, workstations & meeting rooms  
~65,000 sq ft (total building size)  
Includes 200-person auditorium



# Traffic Update



## Completed a Traffic Impact Assessment

### New construction entrances

- New gates will open as construction ramps up
  - Range Road 220
    - Gate 22A
    - Gate 22B
- Buses will enter the site from Range Road 220





# People – Hiring Update



# Hiring Update

## Workforce Metrics

9

Current openings at  
careers@dow.com

+160

Hired so far

+200

Dow hires for 2025

Construction jobs

~5000



## Highlights

### *Prioritizing a diverse talent pipeline*

- **Operators** – hiring double the industry average
- **Engineers** – hiring 15% higher than the industry average





**Partnership – community  
investment**

# Social Impact Priorities

Our ambition is to be the most **innovative, customer-centric, inclusive, and sustainable** materials science company in the world.



## Thriving Communities

We address **community-identified needs** and support **disaster resiliency & response** while advancing **equitable opportunities** in the communities in which Dow operates.



## STEM & Skilled Trades

We work to build and diversify **STEM & skilled trade education pipelines** and **connect students with innovation-based jobs**, with an emphasis on underrepresented populations and youth.



## Sustainability

We promote **circularity, decarbonization, water stewardship and healthy ecosystems** with a focus on communities that experience disproportionate environmental risks and burdens.



# Community Engagement Framework

## Snapshot

### Employee & Stakeholder



**77% of employees volunteer**

Skills-based employee engagement framework

Local community  
Interagency meetings

Provide tools & resources

### Long-term commitment & sustainability



**\$10MM** over the next four years



**Increased staffing**

Registered social worker as volunteer program liaison  
Dedicated community relations Manager position

### Adaptability & Innovation



**Participatory model**

First Nations social impact consultant

Cross-industry collaboration

Strong governance

Seek ways to embed equity



# Impact measurement & Current partners





# Apply today!



## ***Community organizations can apply today!***

Dow's 2025 Charitable Grant program  
is now accepting applications.

▶ **Learn more at:** [dowcanada.com -  
partnerships](https://dowcanada.com-partnerships)



**Seek**

**Together™**