

# Life in the Heartland update

**Phil Seutter** Senior Construction Manager for Fort Sask  
Path2Zero Utilities Power and Infrastructure

**Jess MacDonald** Community Relations Manager



## SEC Disclosure Rules

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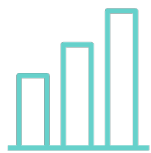
- Some of our comments include statements about our expectations for the future. Those expectations involve risks and uncertainties. Dow cannot guarantee the accuracy of any forecasts or estimates, and we do not plan to update any forward-looking statements if our expectations change. If you would like 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.



## This Is 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.



2023 NET SALES

**\$45B**



EMPLOYEES

**~35,900**



MANUFACTURING SITES

**98**



GLOBAL REACH

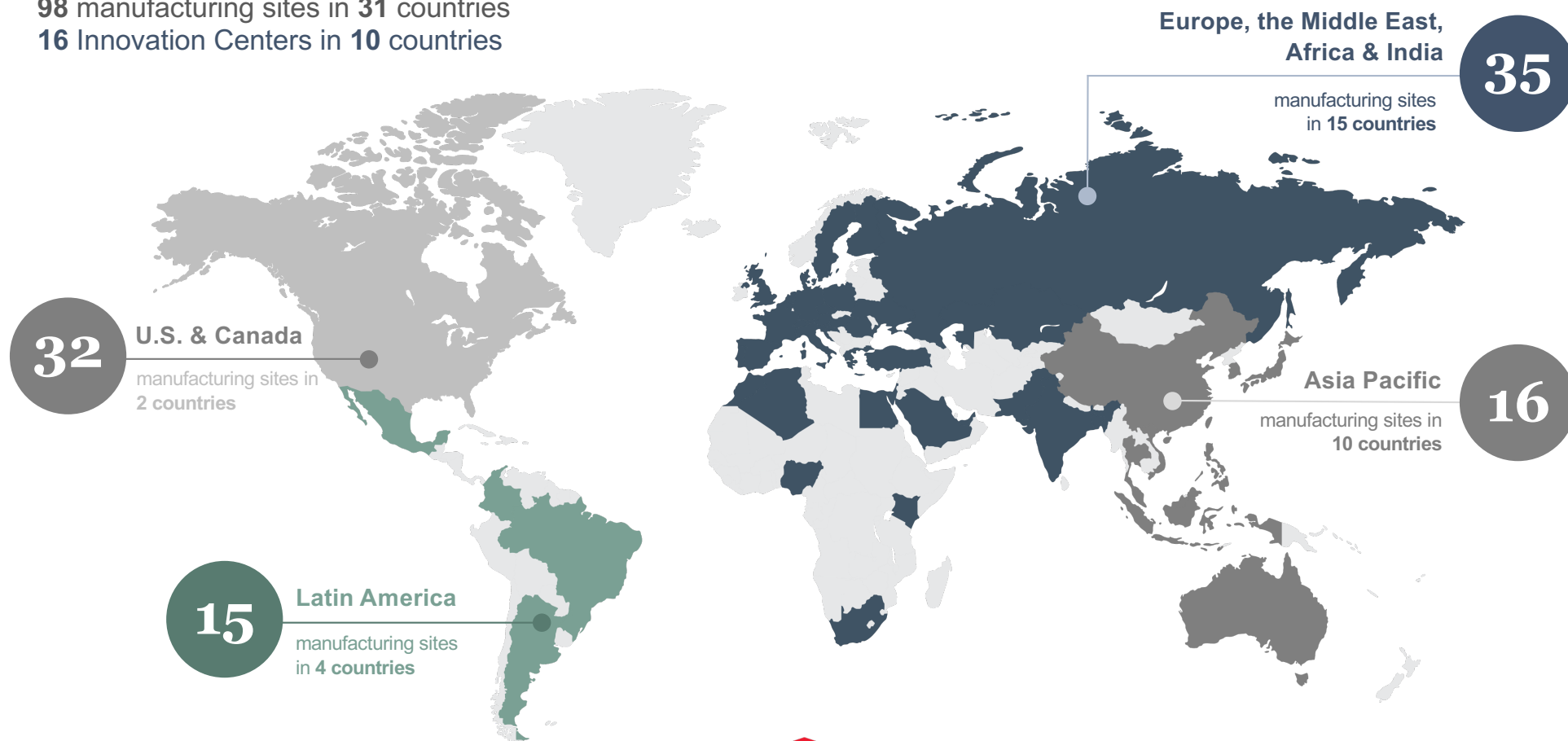
**31 countries**

in which Dow manufactures products



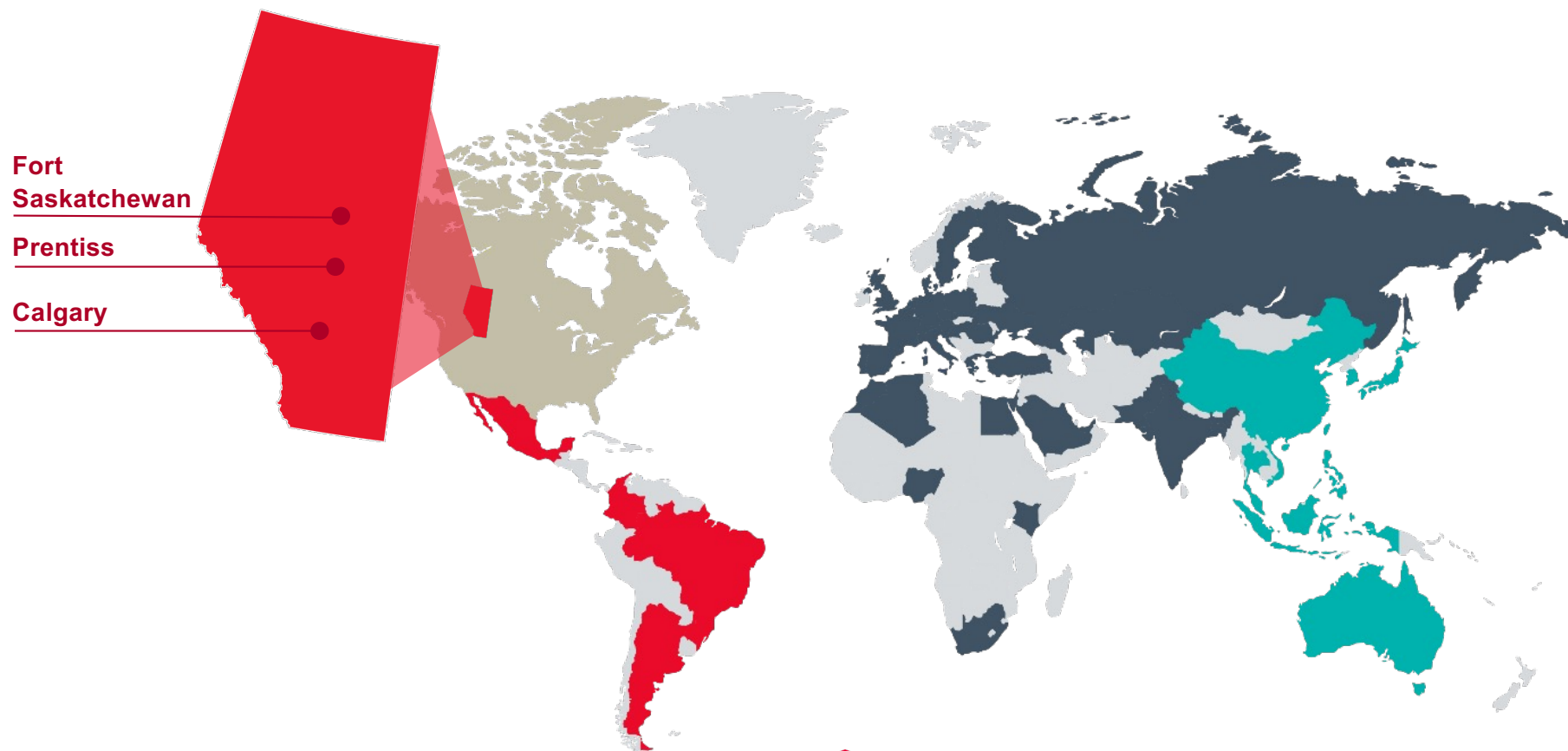
# GLOBAL SCALE

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



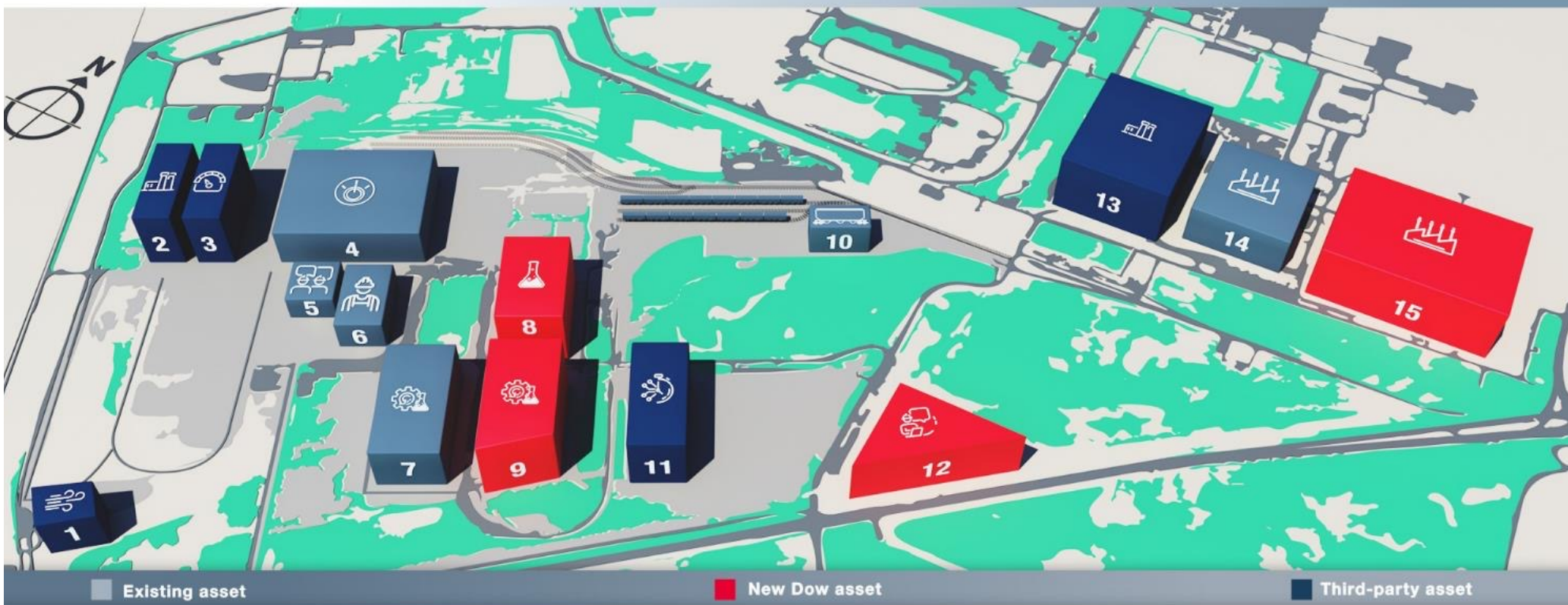
# ALBERTA LOCATIONS

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# FORT SASKATCHEWAN PATH2ZERO (P2Z)





1 Air separation unit

2 H<sub>2</sub> / CO<sub>2</sub>

3 Cogeneration

4 Energy Systems & Environment Operations

5 Admin building

6 Maintenance & Emergency

7 Solution polyethylene production

8 LP-8 gas phase polyethylene plant

9 Solution polyethylene production

10 Existing rail

11 Logistics & rail car loading

12 Dow Diamond Centre and Maintenance, Repair and Operations

13 H<sub>2</sub> / CO<sub>2</sub>

14 FS1 ethylene cracker

15 FS2 ethylene cracker



# FORT SASK P2Z - PROJECTS



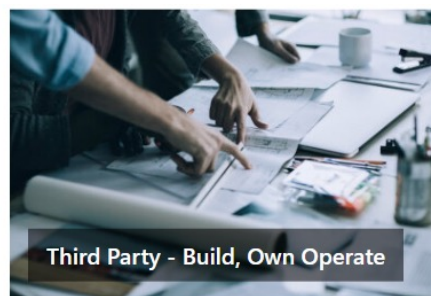
**Cracker - FS2**

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



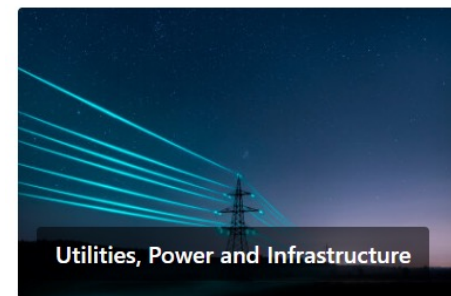
**Cracker Retrofit - FS1R**

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).

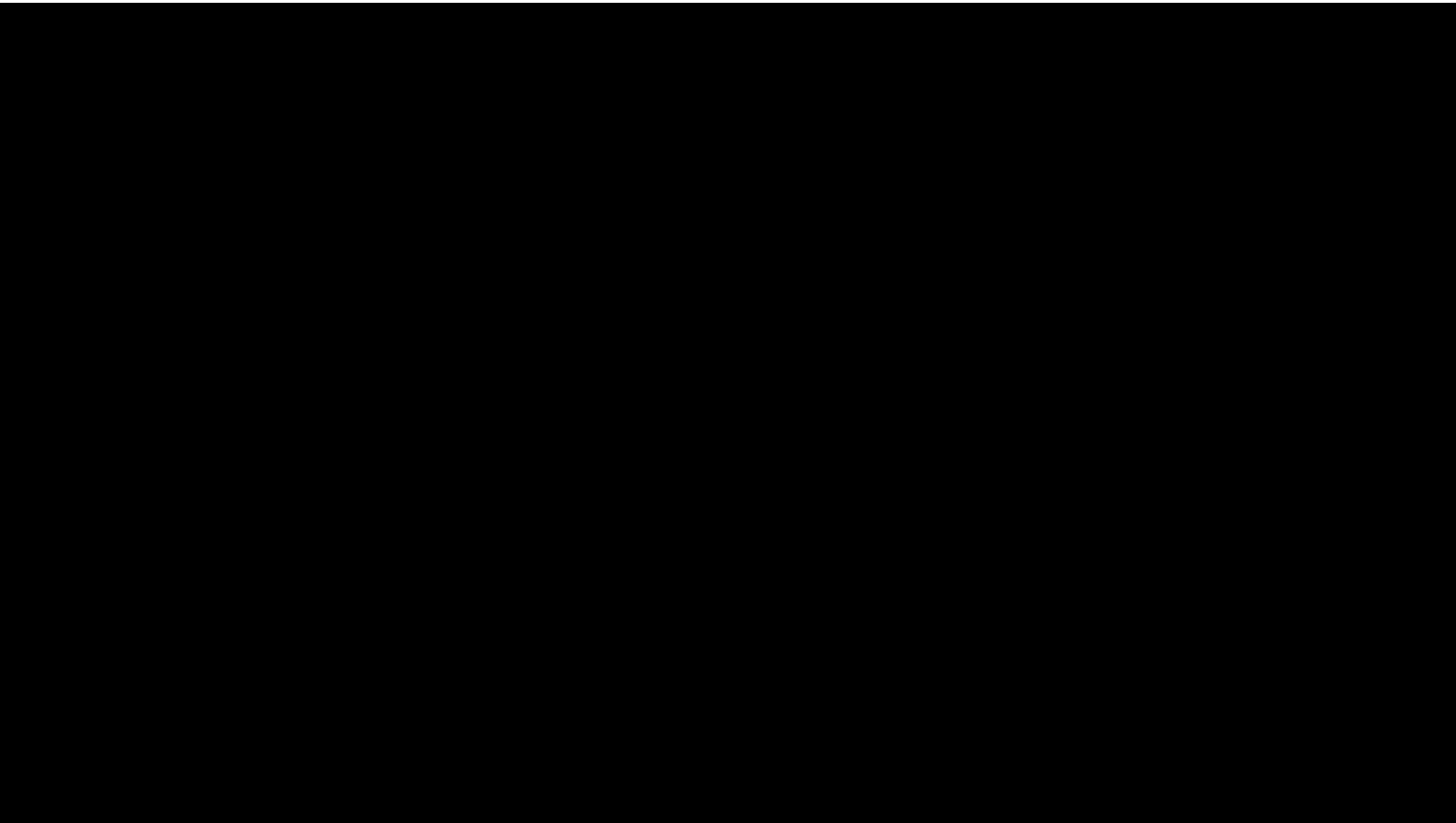


**Third Party Logistics - 3PL**

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







## Other Fort Sask Path2Zero program updates



### Collaboration

- September 4 our CEO hosted close to 300 people at the Fort site to celebrate all the organizations and people helping make the project possible.

### EH&S

- Fort Sask Path2Zero reached a significant milestone of 1 million safe work hours the end of September

### Traffic

- Very limited traffic increases until early 2025
- This November, the construction for two new entrance gates range road 220 will be complete
- In anticipation of increased traffic, we have our bussing program ready to launch in early 2025
- Currently working with City and County representatives to assess traffic light timings to ensure the flow of traffic is as effective as possible.



# INDIGENOUS RELATIONS



## PARTICIPATION



Dow Canada is committed to leading with inclusion and seeks to authentically, respectfully, and equitably advance Indigenous inclusion in our operating areas in Canada.



**Cultural  
awareness  
and respect**

**Community  
engagement**



**Workforce  
and  
business  
development**

**Community  
benefits**



# COMMUNITY INVESTMENT





# COMMUNITY INVESTMENT

## Recent announcement:

**\$6.8 million CAD will support design and construction of the City of Fort Saskatchewan's new aquatics facility and the Access for Everyone program**

**\$2.5 million CAD will support the nourishment centre in Fort Saskatchewan, a conservation project for Prairie Potholes, and STEM and skilled trades education for Indigenous students**

### STEM & Skilled Trades

Continuing to build and diversify an education pipeline to connect underrepresented students with innovation-based jobs.



### Sustainability

Promoting circularity, water stewardship, decarbonization and healthy ecosystems, with a focus on communities that face undue environmental burdens and risks.



### Thriving Communities

Addressing community-identified needs, support disaster resiliency and response, and advance equitable opportunities.



### Engaging for Impact

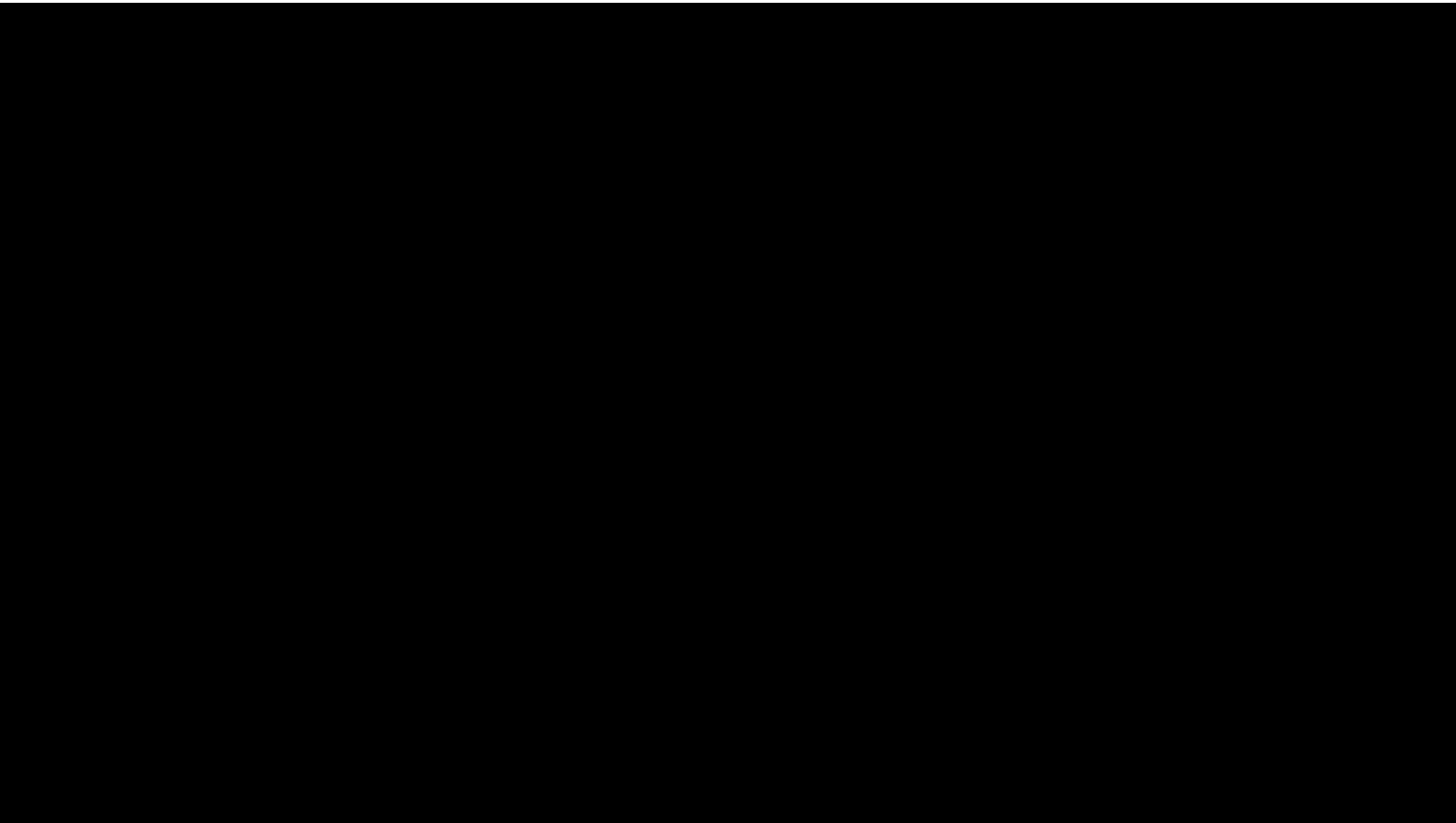
Creating positive employee experience and meaningful impact through volunteerism.

**15,000+** employee volunteer hours across Canada since 2018

**113** PullingOurWeight events  
**11,000+** pounds of garbage collected since 2020









Seek Together™