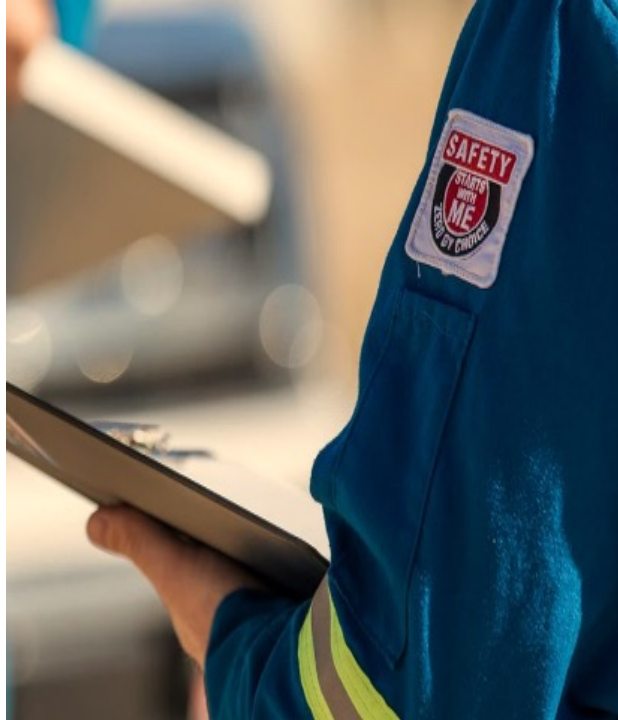


# *Life* IN THE HEARTLAND





# Pembina Pipeline Corporation

## LITH Fall Community Information Evening

TSX: PPL; NYSE: PBA

October 2023



# Forward-looking Statements Information

This presentation contains certain forward-looking statements and forward-looking information (collectively, "forward-looking statements"), including forward-looking statements within the meaning of the "safe harbor" provisions of applicable securities legislation, that are based on Pembina's current expectations, estimates, projections and assumptions in light of its experience and its perception of historical trends. In some cases, forward-looking statements can be identified by terminology such as "continue", "anticipate", "schedule", "will", "expects", "estimate", "potential", "planned", "future", "outlook", "strategy", "protect", "trend", "commit", "maintain", "focus", "ongoing", "believe" and similar expressions suggesting future events or future performance.

In particular, this presentation contains forward-looking statements, including certain financial outlooks, pertaining to, without limitation, the following: Pembina's corporate strategy and the development of new business initiatives and growth opportunities, including the anticipated benefits therefrom and the expected timing thereof; expectations about industry activities and development opportunities, including general market conditions for 2023 and thereafter; expectations about future demand for Pembina's infrastructure and services; expectations relating to new infrastructure projects, including the benefits therefrom and timing thereof; Pembina's sustainability, climate change and environmental, social and governance plans, initiatives and strategies, including expectations relating to Pembina's 2030 GHG emissions reduction target, Pembina's ESG and sustainability-related reporting and Pembina's employee equity, diversity and inclusion targets; Pembina's 2023 annual guidance, including the Company's expectations regarding adjusted EBITDA and cash inflows; Pembina's capital allocation strategy; expectations relating to PGI, including the anticipated integration, performance, and benefits thereof to Pembina and PGI's expected approach to ESG; Pembina's future common share dividends and expected share repurchases; planning, construction and capital expenditure estimates, schedules and locations; anticipated timing of final investment decisions; expected capacity, incremental volumes, completion and in-service dates; rights, activities and operations with respect to the construction of, or expansions on, existing pipelines systems, gas services facilities, processing and fractionation facilities, terminalling, storage and hub facilities and other facilities or energy infrastructure, as well as the impact of Pembina's growth projects on its future financial performance and stakeholders; expectations regarding Pembina's commercial agreements, including the expected timing and benefit thereof; expectations, decisions and activities related to Pembina's projects and new developments; and the impact of current and expected market conditions on Pembina.

These forward-looking statements are not guarantees of future performance and are based upon expectations, factors and assumptions that Pembina believes are reasonable as of the date hereof, although there can be no assurance that these expectations, factors and assumptions will prove to be correct. These forward-looking statements are also subject to a number of known and unknown risks and uncertainties that could cause actual events or results to differ materially, including, but not limited to: the regulatory environment and decisions, and Indigenous and landowner consultation requirements; the impact of competitive entities and pricing; reliance on third parties to successfully operate and maintain certain assets; labour and material shortages; reliance on key relationships and agreements and the outcome of stakeholder engagement; the strength and operations of the oil and natural gas production industry and related commodity prices; the failure to realize the anticipated benefits and/or synergies of the PGI transaction; expectations and assumptions concerning, among other things: customer demand for PGI's assets and services; non-performance or default by counterparties to agreements which Pembina or one or more of its subsidiaries has entered into in respect of its business; actions by joint venture partners or other partners which hold interests in certain of Pembina's assets; actions by governmental or regulatory authorities, including changes in tax laws and treatment, changes in royalty rates, changes in regulatory processes or increased environmental regulation; the ability of Pembina to acquire or develop the necessary infrastructure in respect of future development projects; fluctuations in operating results; adverse general economic and market conditions, including potential recessions in Canada, North America and worldwide resulting in changes, or prolonged weaknesses, as applicable, in interest rates, foreign currency exchange rates, inflation rates, commodity prices, supply/demand trends and overall industry activity levels; risks related to the potential impacts of the COVID-19 pandemic; constraints on, or the unavailability of, adequate infrastructure; the political environment in North America and elsewhere, and public opinion; the ability to access various sources of debt and equity capital; changes in credit ratings; counterparty credit risk; technology and security risks including cyber-security risks; natural catastrophes; the conflict between Ukraine and Russia and its potential impact on, among other things, global market conditions and supply and demand, energy and commodity prices, interest rates, supply chains and the global economy generally. This list of risk factors should not be construed as exhaustive.

For additional information relating to the assumptions made, and the risks and uncertainties, which could impact the forward-looking statements herein and cause results to differ materially from those predicted, forecasted or projected by such forward-looking statements, see Pembina's annual information form and management's discussion and analysis, each dated February 23, 2023, for the year ended December 31, 2022, Pembina's management's discussion and analysis, dated February 24, 2022, for the year ended December 31, 2021 and Pembina's other public disclosure documents available at [www.sedar.com](http://www.sedar.com), [www.sec.gov](http://www.sec.gov) and through Pembina's website at [www.pembina.com](http://www.pembina.com).

Management approved the 2023 adjusted EBITDA, proportionately consolidated debt-to-adjusted EBITDA, rating agency funds from operations-to-debt, fee-based contribution to adjusted EBITDA and standard payout ratio guidance contained herein as of the date of this presentation. The purpose of such guidance is to assist readers in understanding our expected and targeted financial results, and this information may not be appropriate for other purposes.

The forward-looking statements contained in this presentation speak only as of the date of this presentation. Pembina does not undertake any obligation to publicly update or revise any forward-looking statements or information contained herein, except as required by applicable laws. The forward-looking statements contained in this presentation are expressly qualified by this cautionary statement.

# About Pembina

## Building Something Extraordinary

Pembina Pipeline Corporation is a leading transmission and midstream service provider for over 65 years



### Pipelines

Pembina safely operates oil, natural gas and natural gas liquids pipelines across North America.



### Facilities

Pembina owns gas processing facilities, natural gas liquids fractionation, storage, and loading & off-loading and export facilities.



### Marketing & New Ventures

Pembina identifies opportunities to connect energy production to parts of the world that need it.

# Purpose, Values, and Strategy

Purpose

**We deliver** extraordinary energy solutions so the world can thrive

Values

- Safe**  
We care for each other
- Trustworthy**  
We have each other's back
- Respectful**  
We seek to be gracious and kind
- Collaborative**  
We are great together
- Entrepreneurial**  
We create to succeed

Strategic Priorities

- I**  
**To be resilient...**  
Sustain, decarbonize, and enhance our businesses
- II**  
**To thrive...**  
Invest in the energy transition to improve the basins in which we operate
- III**  
**To meet global demand...**  
Transform and export our products
- IV**  
**To set ourselves apart...**  
Create a differentiated experience for our Stakeholders

# Pembina in the Heartland



## Redwater:

- NGL Fractionation facilities
- Cavern storage facilities
- Canadian Diluent Hub
- Rail Terminals

## Heartland Off-Gas Processing (HOP)

- Gas processing

## Sherwood Park:

- Field Office & Control Centre

## Terminals:

- 12MM barrels of crude oil storage capacity

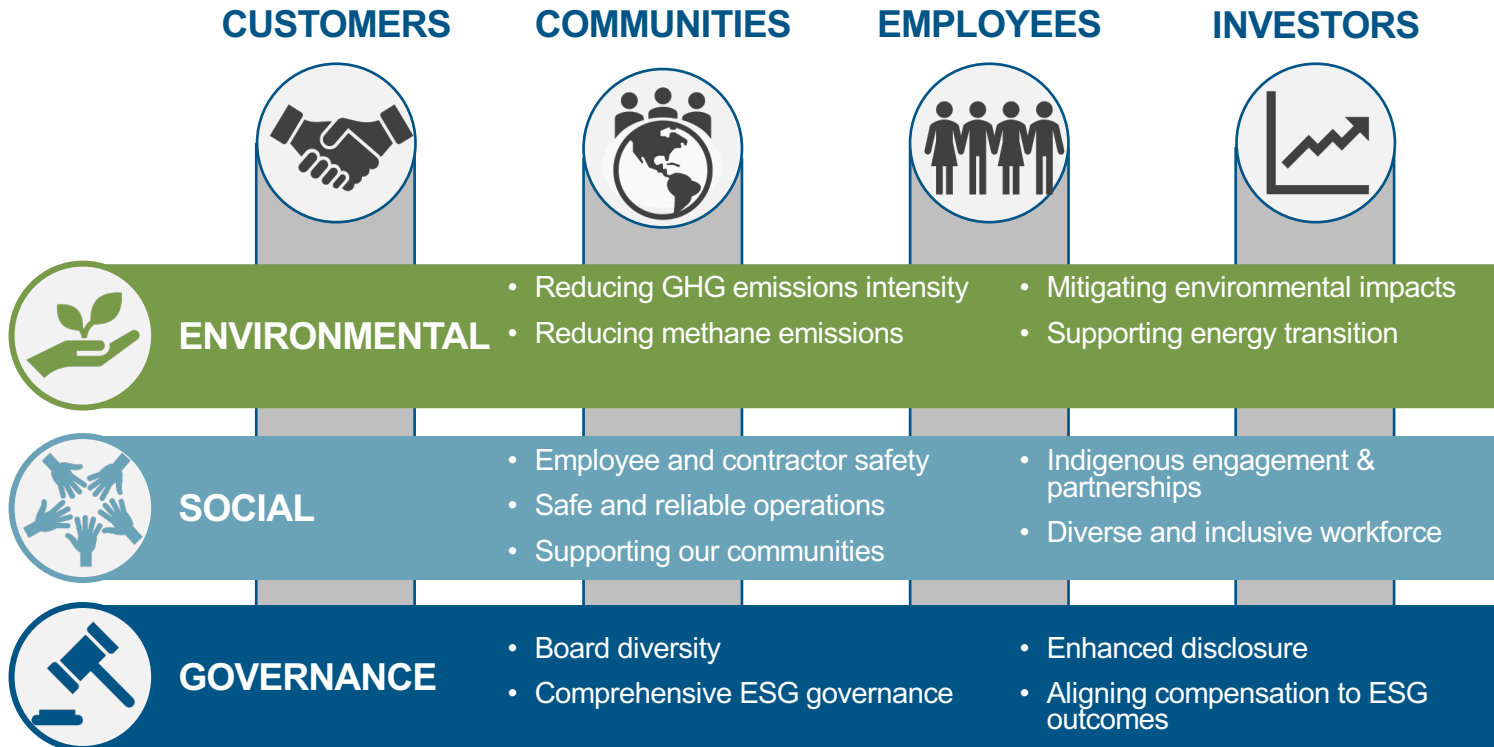
## Pipelines:

- Alberta Ethane Gathering System
- Oil and Conventional pipelines that run through Western Canada and into the US



In 2020 Pembina Redwater shipped ~ 68,000 railcars across North America

# ESG Supports All Pembina Stakeholders



# Community Investment in the Heartland

- Pembina is committed to supporting the communities in which we operate, with a focus on health, safety, inclusion and connectivity.
  - Food banks
  - Gibbons Volunteer Fire Department
  - Redwater Citizens Patrol
  - Accessible washroom in the Karol Maschmeyer arena (Bruderheim)
  - Josephburg Agricultural Society
  - Fort Saskatchewan Families First Society
  - Sturgeon County Suicide prevention, Senior Care, and counselling services
- Additionally, Pembina supported a variety of local social programs and infrastructure investments across the Heartland communities and contributed a total of 1,200 volunteer hours in 2022.





# Expanding Fractionation Capacity at Redwater - RFS IV



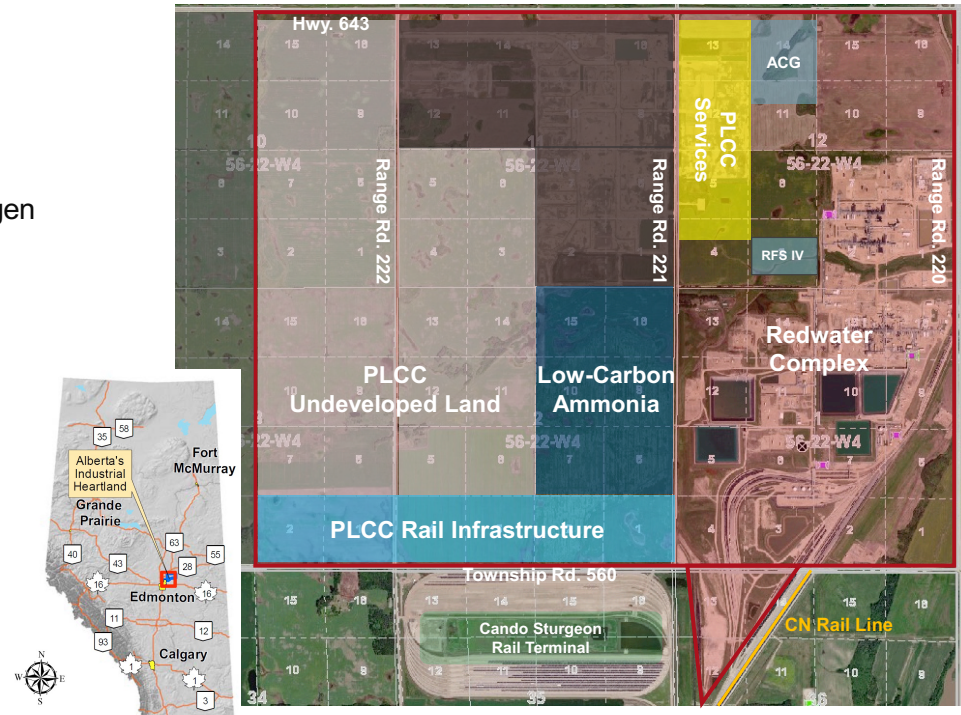
- Pembina recently approved construction of a new 55,000 bpd propane-plus fractionator ("RFS IV") at the Redwater Complex
- RFS IV is expected to cost approximately \$460 million to construct and will leverage the design, engineering, and operating best practices of the existing fractionators
- The project includes additional rail loading capacity at the Redwater Complex
- Subject to regulatory and environmental approvals, RFS IV is expected to be in-service in the first half of 2026.

With the addition of RFS IV, the fractionation capacity at the Redwater Complex will total 256,000 bpd

# Pembina Low Carbon Complex (PLCC)

Proposed industrial complex for low-carbon energy infrastructure to enable Pembina and third parties to develop projects, while reducing costs, emissions, and risk

- Focused on attracting and developing investment for:
  - 1) emerging energy transition technologies
  - 2) sustainable fuels
  - 3) chemicals, specifically low-carbon hydrogen and hydrogen carriers such as ammonia and methanol
- Pembina would lease land to third parties and **provide infrastructure, logistics, and shared services to tenants**
- Projects would gain access to land, low-carbon hydrogen, clean power, natural gas and industrial gases, water, CCUS, and rail
- Tenants to **capture CO<sub>2</sub> and direct emissions in support of the proposed Alberta Carbon Grid**



# Alberta Carbon Grid

## Pembina and TC Energy plan to jointly develop a proposed world-scale CO<sub>2</sub> transportation and sequestration system known as the Alberta Carbon Grid (ACG)

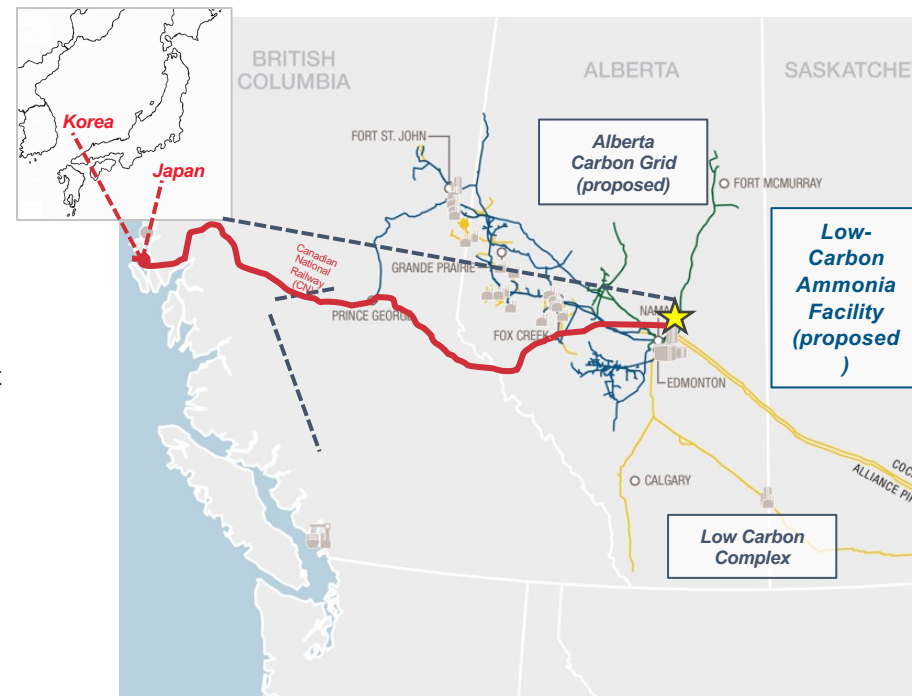
- Open-access system to serve Alberta's emerging Carbon Capture, Utilization and Storage industry
- Connecting multiple hubs to key sequestration locations
- The first hub is the Industrial Heartland project, with the potential of transporting and storing up to ten million tonnes of CO<sub>2</sub>, with the first phase having the potential of transporting and storing up to five million tonnes of CO<sub>2</sub> annually
- ACG has secured the rights to evaluate over 900,000 hectares of premiere land north of Fort Saskatchewan, Alberta
- Currently integrating seismic data into subsurface geophysical models to guide the location of an appraisal well to be drilled in 2023



# Low-Carbon Ammonia

## Memorandum of Agreement with Marubeni Corporation to investigate an end-to-end, low-carbon ammonia supply chain from Western Canada to Japan and other Asian markets

- Includes the joint development of a **world-scale, low-carbon hydrogen and ammonia production facility** on Pembina-owned lands adjacent to the Redwater Complex
  - › Capacity of up to 185 ktpa of low-carbon hydrogen production, which will be converted into approximately **one million tonnes per year of low-carbon ammonia**
  - › Low-carbon ammonia would be transported via rail to Canada's West Coast and shipped to Japan and other Asian markets to be used in carbon-free power production
- Will **capture significant amount of CO<sub>2</sub>** emissions with potential for **integrated transportation and sequestration on the proposed Alberta Carbon Grid**





# CONTACT US

## Pembina Pipeline Corporation

Suite 4000 – 585 8<sup>th</sup> Avenue S.W.

Calgary, Alberta T2P 1G1

[www.pembina.com](http://www.pembina.com)





*Life* IN THE  
**HEARTLAND**

Sherritt International Corporation

# Life in the Heartland

October 2023

**sherritt**

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# Forward-Looking Statements

This presentation contains certain forward-looking statements. Forward-looking statements can generally be identified by the use of statements that include such words as “believe”, “expect”, “anticipate”, “intend”, “plan”, “forecast”, “likely”, “may”, “will”, “could”, “should”, “suspect”, “outlook”, “potential”, “projected”, “continue” or other similar words or phrases. Specifically, forward-looking statements in this document include, but are not limited to, statements regarding strategies, plans and estimated production amounts resulting from expansion of mining operations at the Moa Joint Venture; growing and increasing nickel and cobalt production; sales volumes; revenue, costs and earnings; distributions from the Corporation’s Moa Joint Venture in general; the impact of the U.S. sanctions on Cuba; anticipated economic conditions in Cuba; sufficiency of working capital management and capital project funding; strengthening the Corporation’s capital structure and amounts of certain other commitments.

Forward-looking statements are not based on historical facts, but rather on current expectations, assumptions and projections about future events, including commodity and product prices and demand; the level of liquidity and access to funding; share price volatility; production results; realized prices for production; earnings and revenues; global demand for electric vehicles and the anticipated corresponding demand for cobalt and nickel; the commercialization of certain proprietary technologies and services; advancements in environmental and greenhouse gas (GHG) reduction technology; GHG emissions reduction goals and the anticipated timing of achieving such goals, if at all; statistics and metrics relating to Environmental, Social and Governance (ESG) matters which are based on assumptions or developing standards; environmental rehabilitation provisions; environmental risks and liabilities; compliance with applicable environmental laws and regulations; risks related to the U.S. government policy toward Cuba; and certain corporate objectives, goals and plans for 2023. By their nature, forward-looking statements require the Corporation to make assumptions and are subject to inherent risks and uncertainties. There is significant risk that predictions, forecasts, conclusions or projections will not prove to be accurate, that the assumptions may not be correct and that actual results may differ materially from such predictions, forecasts, conclusions or projections.

The Corporation cautions readers of this presentation not to place undue reliance on any forward-looking statement as a number of factors could cause actual future results, conditions, actions or events to differ materially from the targets, expectations, estimates or intentions expressed in the forward-looking statements. These risks, uncertainties and other factors include, but are not limited to, security market fluctuations and price volatility; level of liquidity and the related ability of the Moa Joint Venture to pay dividends; access to capital; access to financing; the risk to Sherritt’s entitlements to future distributions (including pursuant to the Cobalt Swap) from the Moa Joint Venture, the impact of infectious diseases (including the COVID-19 pandemic), the impact of global conflicts; changes in the global price for nickel, cobalt, oil, gas, fertilizers or certain other commodities; risks related to Sherritt’s operations in Cuba; risks related to the U.S. government policy toward Cuba, including the U.S. embargo on Cuba and the Helms-Burton legislation; political, economic and other risks of foreign operations; uncertainty in the ability of the Corporation to enforce legal rights in foreign jurisdictions; uncertainty regarding the interpretation and/or application of the applicable laws in foreign jurisdictions; compliance with applicable environment, health and safety legislation and other associated matters; risks associated with governmental regulations regarding climate change and greenhouse gas emissions; risks relating to community relations; maintaining social license to grow and operate; risks related to environmental liabilities including liability for reclamation costs, tailings facility failures and toxic gas releases; uncertainty about the pace of

technological advancements required in relation to achieving ESG targets; risks to information technologies systems and cybersecurity; identification and management of growth opportunities; the ability to replace depleted mineral reserves; risk of future non-compliance with debt restrictions and covenants; risks associated with the Corporation’s joint venture partners; variability in production at Sherritt’s operations in Cuba; risks associated with mining, processing and refining activities; potential interruptions in transportation; uncertainty of gas supply for electrical generation; reliance on key personnel and skilled workers; growth opportunity risks; the possibility of equipment and other failures; uncertainty of resources and reserve estimates; the potential for shortages of equipment and supplies, including diesel; supplies quality issues; risks related to the Corporation’s corporate structure; risks associated with the operation of large projects generally; risks related to the accuracy of capital and operating cost estimates; foreign exchange and pricing risks; credit risks; shortage of equipment and supplies; competition in product markets; future market access; interest rate changes; risks in obtaining insurance; uncertainties in labour relations; legal contingencies; risks related to the Corporation’s accounting policies; uncertainty in the ability of the Corporation to obtain government permits; failure to comply with, or changes to, applicable government regulations; bribery and corruption risks, including failure to comply with the Corruption of Foreign Public Officials Act or applicable local anti-corruption law; the ability to accomplish corporate objectives, goals and plans for 2023; and the ability to meet other factors listed from time to time in the Corporation’s continuous disclosure documents.

The Corporation, together with its Moa Joint Venture is pursuing a range of growth and expansion opportunities, including without limitation, process technology solutions, development projects, commercial implementation opportunities, life of mine extension opportunities and the conversion of mineral resources to reserves. In addition to the risks noted above, factors that could, alone or in combination, prevent the Corporation from successfully achieving these opportunities may include, without limitation: identifying suitable commercialization and other partners; successfully advancing discussions and successfully concluding applicable agreements with external parties and/or partners; successfully attracting required financing; successfully developing and proving technology required for the potential opportunity; successfully overcoming technical and technological challenges; successful environmental assessment and stakeholder engagement; successfully obtaining intellectual property protection; successfully completing test work and engineering studies, prefeasibility and feasibility studies, piloting, scaling from small scale to large scale production, procurement, construction, commissioning, ramp-up to commercial scale production and completion; and securing regulatory and government approvals. There can be no assurance that any opportunity will be successful, commercially viable, completed on time or on budget, or will generate any meaningful revenues, savings or earnings, as the case may be, for the Corporation. In addition, the Corporation will incur costs in pursuing any particular opportunity, which may be significant. Readers are cautioned that the foregoing list of factors is not exhaustive and should be considered in conjunction with the risk factors described in the Corporation’s other documents filed with the Canadian securities authorities, including without limitation the “Managing Risk” section of the Management’s Discussion and Analysis for the three and six months ended June 30, 2023 and the Annual Information Form of the Corporation dated March 31, 2023 for the period ending December 31, 2022, which is available on SEDAR at [www.sedar.com](http://www.sedar.com).

The Corporation may, from time to time, make oral forward-looking statements. The Corporation advises that the above paragraph and the risk factors described in this presentation and in the Corporation’s other documents filed with the Canadian securities authorities should

be read for a description of certain factors that could cause the actual results of the Corporation to differ materially from those in the oral forward-looking statements. The forward-looking information and statements contained in this presentation are made as of the date hereof and the Corporation undertakes no obligation to update publicly or revise any oral or written forward-looking information or statements, whether as a result of new information, future events or otherwise, except as required by applicable securities laws. The forward-looking information and statements contained herein are expressly qualified in their entirety by this cautionary statement.

## NON-GAAP AND OTHER FINANCIAL MEASURES

Management uses the following non-GAAP and other financial measures in this presentation: adjusted EBITDA and combined revenue.

Management uses these and other non-GAAP measures to monitor the financial performance of the Corporation and its operating divisions, and believes these measures enable investors and analysts to compare the Corporation’s financial performance with its competitors and/or to evaluate the results of its underlying business. These measures are intended to provide additional information, not to replace International Financial Reporting Standards (IFRS) measures and they do not have a standard definition under IFRS. They should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS. As these measures do not have a standardized meaning, they may not be comparable to similar measures provided by other companies.

The non-GAAP financial measures are defined and reconciled to the most directly comparable IFRS measures in the Non-GAAP and other financial measures section of the Corporation’s Management’s Discussion and Analysis for the applicable period.



# Sherritt International Corporation

**A world leader in using hydrometallurgical processes to mine and refine nickel and cobalt – metals deemed critical for the energy transition**

- ✓ Over 90 years experience in mining and refining
- ✓ Power, fertilizer and technology businesses leverage strategic opportunities
- ✓ Proven history of technological innovation and intellectual property
- ✓ Committed to high ESG standards and best industry practices

Fort Saskatchewan, Alberta Refinery

# Sherritt International Corporation

## Quality Assets and Technical Expertise



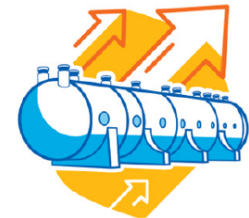
### Nickel and cobalt mining and refining

- 50/50 partnership with General Nickel Company S.A. of Cuba (Moa JV)
- Mine in Moa, Cuba
- Refinery in Fort Saskatchewan, Canada
- 100% interest in Canadian fertilizer operation



### Power operations and Oil and Gas exploration

- 33⅓% interest in Energas S.A., a joint venture providing electricity to the Cuban national electrical grid
- 100% interest in two Cuban oil and gas production-sharing contracts that are being actively explored

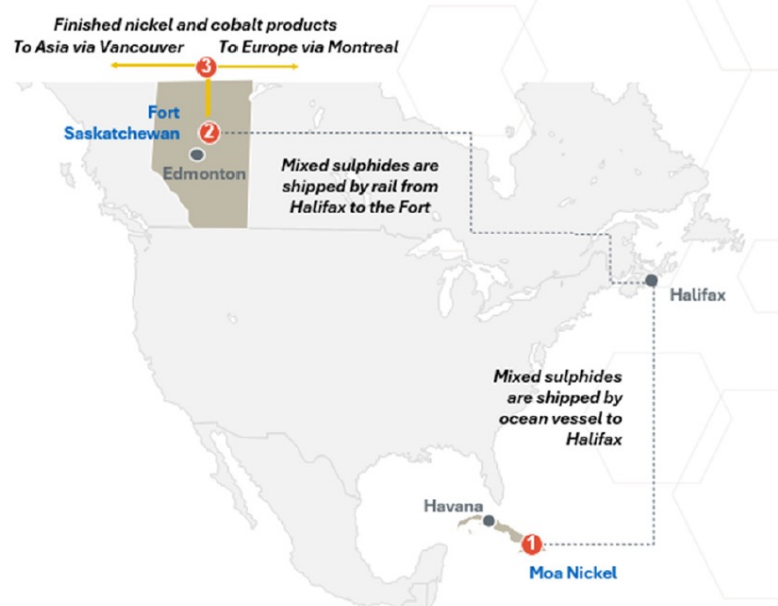
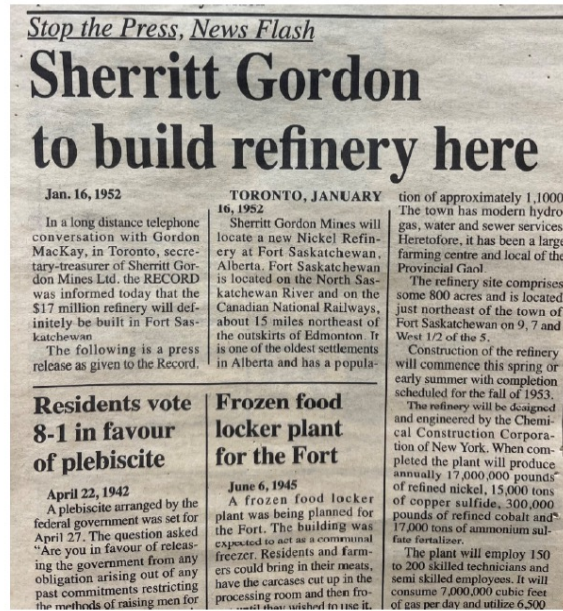


### Technologies development and commercialization

- 100% owned provider of technical services to Moa JV and third parties
- Developer of proprietary solutions for commercialization within the natural resource-based industries

# Moa Joint Venture<sup>(1)</sup>

## Well Established in the Critical Minerals Value Chain



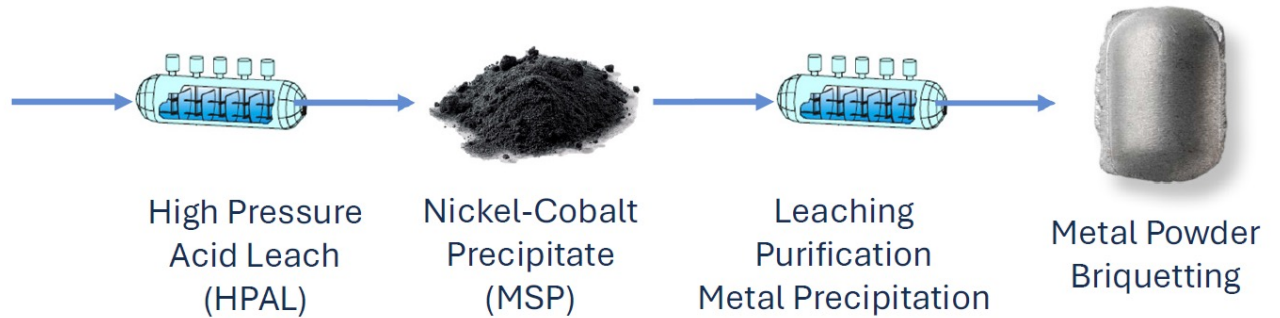
Refinery Startup in 1950's, Successfully Working with our JV Partner Since 1994



1. Sherritt has a 50% interest in the operating companies that comprise the Moa Joint Venture.

# From Mine to Metal

## A Value Chain That Stretches Across The Globe



Highly Experienced in Pressure Hydrometallurgy

# Our Experience in Battery Metals Production

We have 60 years of high-temperature hydrometallurgy experience. In Alberta, we produce high-purity metal from concentrated intermediate nickel and cobalt from lateritic ore bodies<sup>(1)</sup> which feeds into battery manufacturing, stainless steel producers and industrial sectors.



## Picture: Our Fort Saskatchewan, Alberta Refinery

Refines Moa JV and third-party mixed sulphides and produces finished nickel and cobalt in briquette and powder forms. Includes fertilizer business, utilities and storage facilities.

1. Moa Cuba Operations – Mine and Upgrade Process (Sherritt HPAL)- Operated through the Moa Joint Venture, Sherritt's 50/50 partnership with General Nickel Company S.A.

# Security of Supply

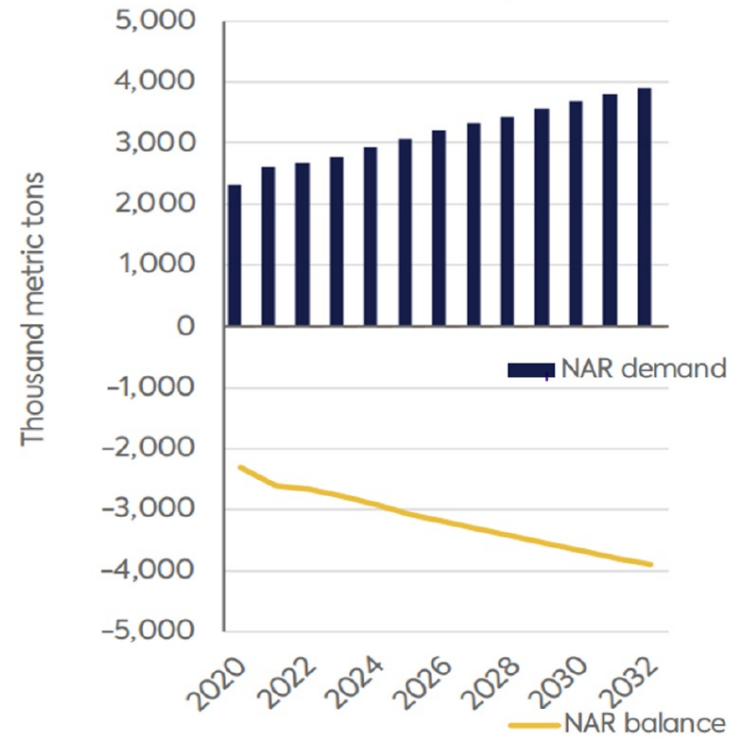
## North American Nickel Supply is Import Dependent

**North America will not be self sufficient in critical minerals for the foreseeable future**

- Regardless of whether mining capacity is sufficient, current shortfalls exist for nickel relative to what is needed in the clean energy supply chain
- Without implementation of a swift and effective North American mining, refining and battery manufacturing strategy, supply shortfalls for nickel will put Canada at significant risk of dependence on players in China and Indonesia



North American Nickel Balance, 2020-2032<sup>(1,2)</sup>



# Moa Joint Venture

## A Long Mine Life With Track Record of Reliable Production<sup>(1)</sup>

Sherritt and the Moa Joint Venture produce high purity nickel and cobalt - essential to electrification

### → Operational Capability

- Long history operating mine in Moa, Cuba and refinery in Alberta, Canada
- 30-year successful 50/50 partnership with General Nickel Company S.A. of Cuba
- Annual refinery capacity of 38,200 tonnes of finished metals

### → Mine Expansion Program

- Low capital intensity expansion expected to increase annual contained metals production by ~20%
- Phase 1 expected to be complete early 2024, Phase 2 end of 2024

**+32,000**

tonnes

2022 nickel production

**+3,300**

tonnes

2022 cobalt production

**+6,500**

tonnes

Expansion increasing annual contained metals production

**+25**

years

Estimated mine life<sup>(2)</sup>



**SHERRITT  
INTERNATIONAL  
CORPORATION**

Sherritt International Corporation (Technologies Division)  
8301 113 Street  
Fort Saskatchewan, Alberta, T8L 4K7 22

Nathan Stubina | Vice President, Technologies | [nathan.stubina@sherritt.com](mailto:nathan.stubina@sherritt.com)  
Jan Smit | Director, Technology Innovation & Growth | [jan.smit@sherritt.com](mailto:jan.smit@sherritt.com)

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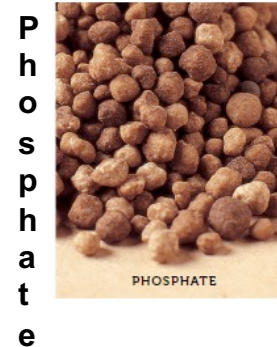
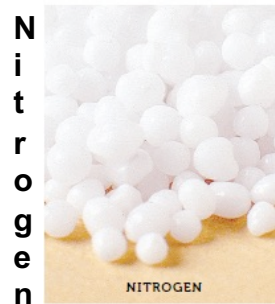
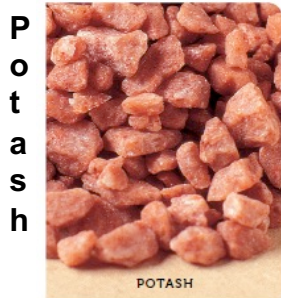


# Nutrien Fort Saskatchewan

Life in the Heartland  
October 18, 2023  
Lamont

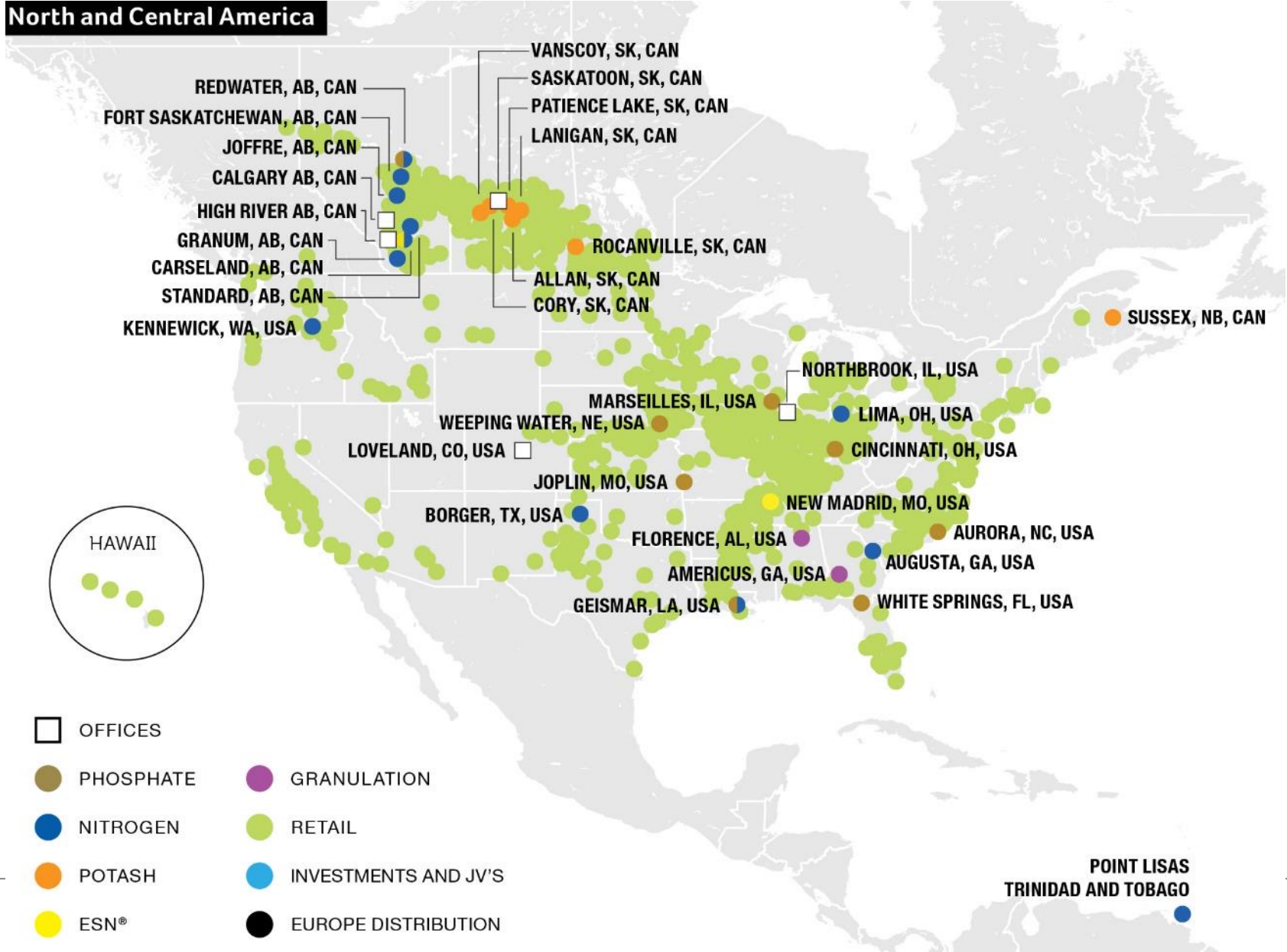
# Nutrien - largest producer of crop nutrients in the world

- **34 million tonnes of annual production capacity**, operating four integrated business units including retail locations :

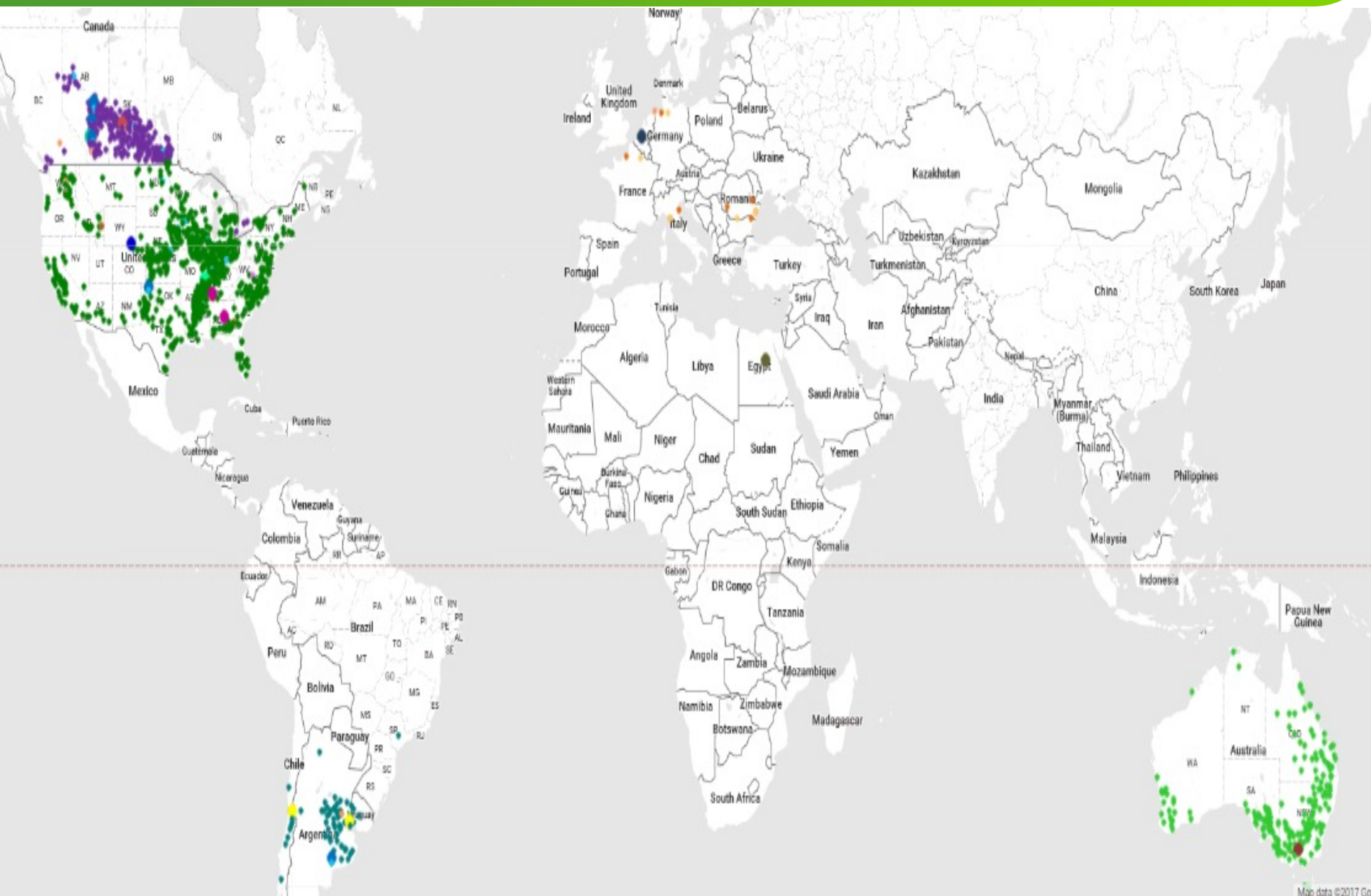


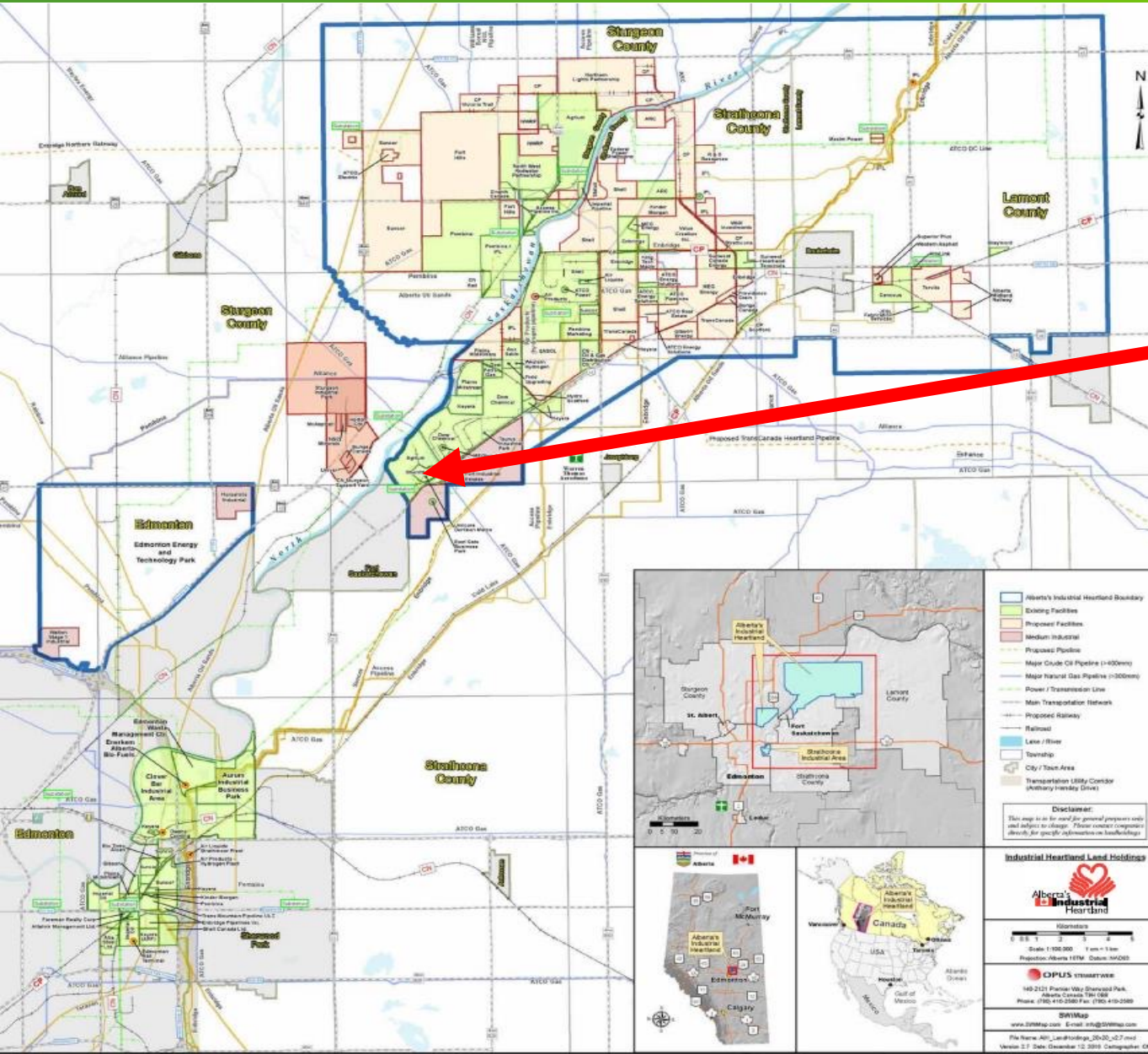
1. **Potash:** We are the **world's largest producer of potash**, with approximately 25 percent of global capacity. Our assets are in politically stable regions, and we have high-quality reserves to continue producing for decades to come.
2. **Nitrogen:** We are the **third-largest producer of nitrogen** in the world, with well positioned assets in North America and Trinidad. Our nitrogen platform has global cost advantages and comes with significant regional distribution advantages.
3. **Phosphate:** Our phosphate business has the **most diverse product offering** in the industry.

## North and Central America



# Nutrien locations worldwide

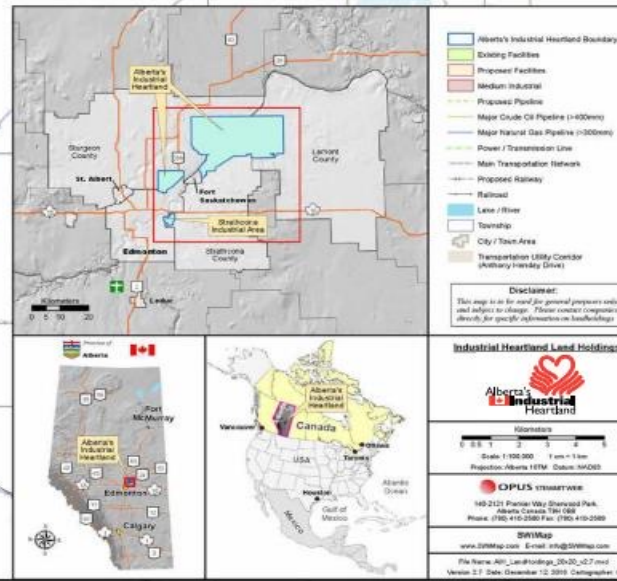




**Nutrien Fort Saskatchewan is located within Alberta's Industrial Heartland (AIH)**

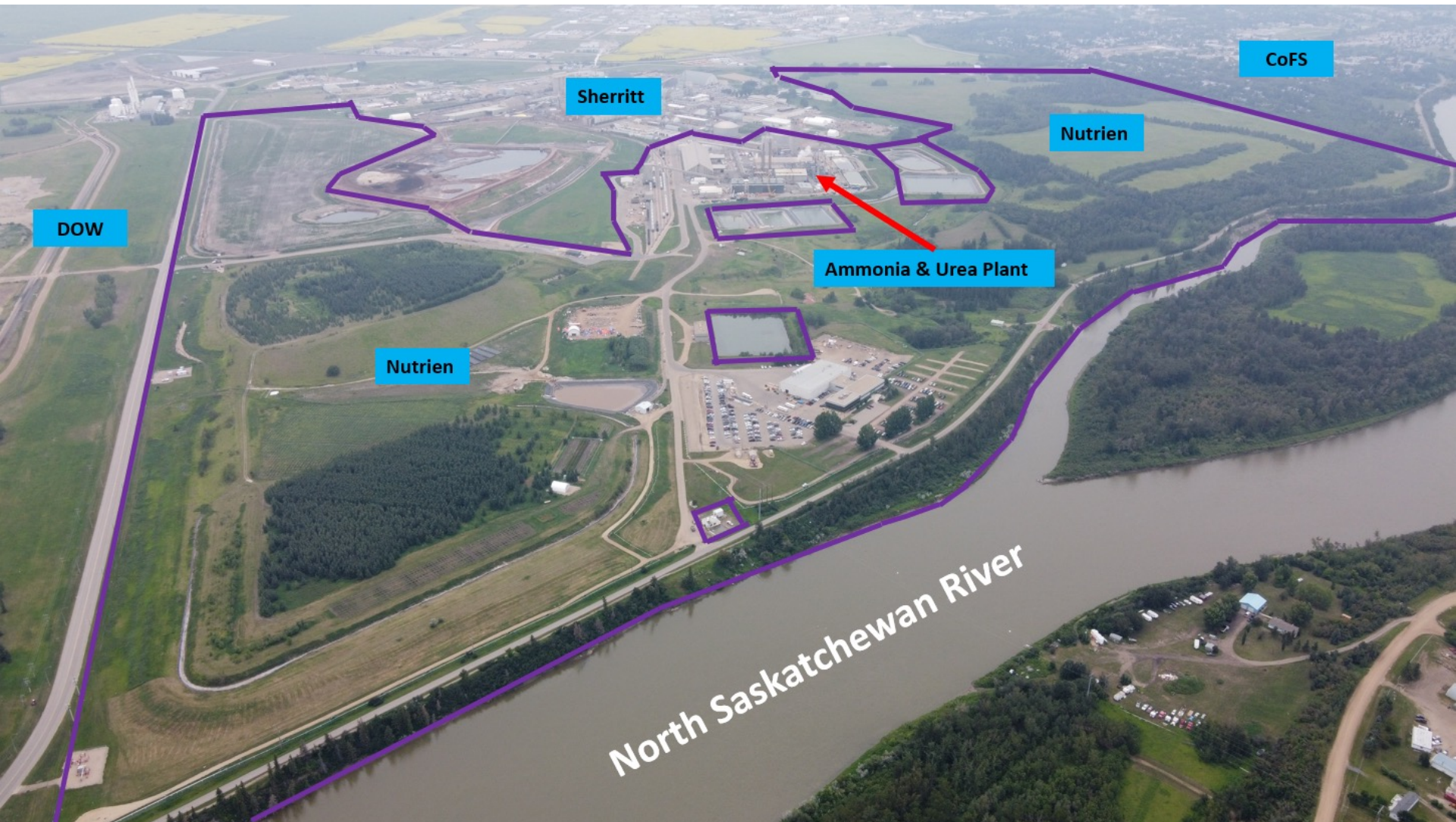
- Canada's largest hydrocarbon processing region
- over 40 companies
- spread across five municipalities
- 582 square kilometers

Source: <http://industrialheartland.com/>





# Nutrien Fort Saskatchewan and surrounding area







# Reclamation and Afforestation Projects

# Our first tree trial began in Summer 2015

- In collaboration with the University of Alberta and the Canadian Forest Service, we have reclaimed 40 hectares of historical ponds and stacks of by-product gypsum using trees
- Our first research trial was in 2015 and planted 500 willow cuttings in a reclaimed pond



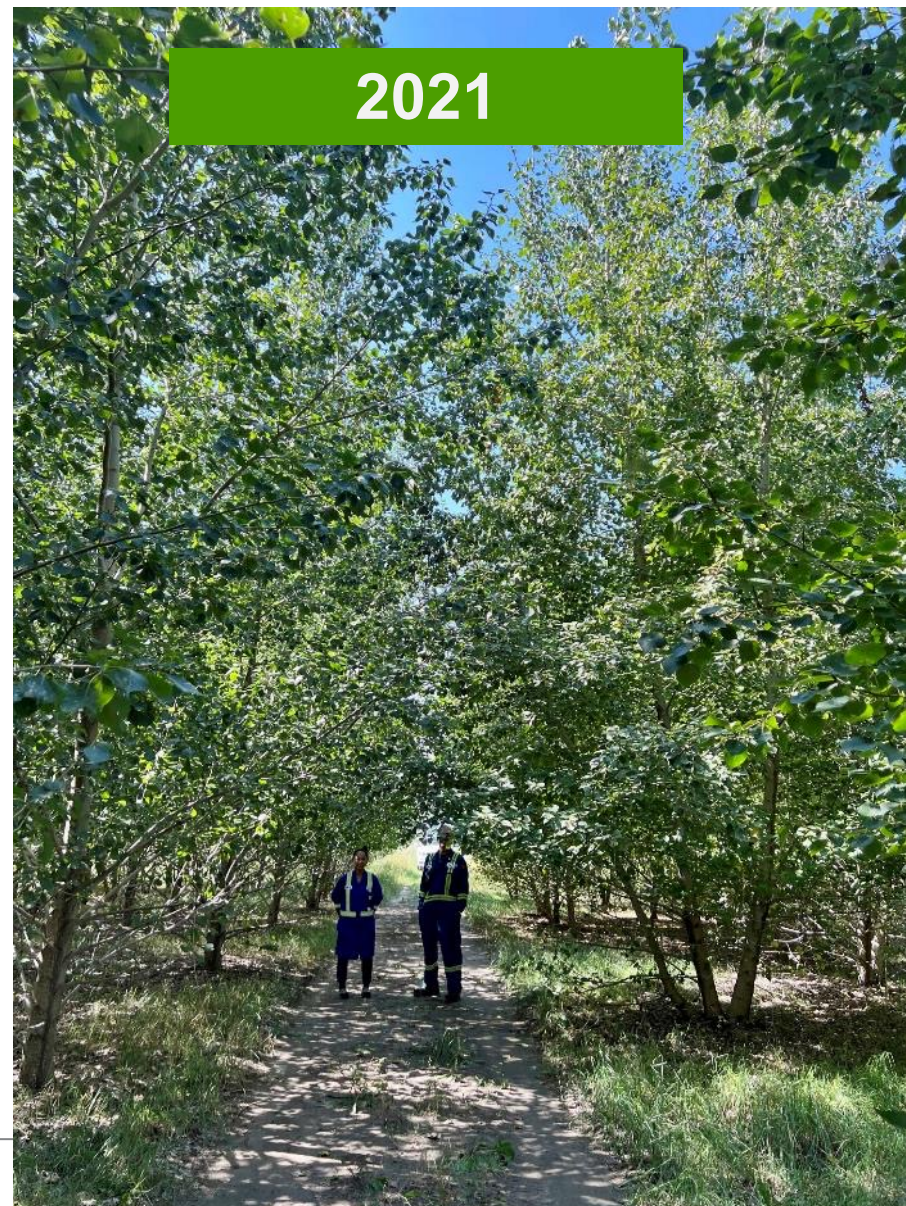
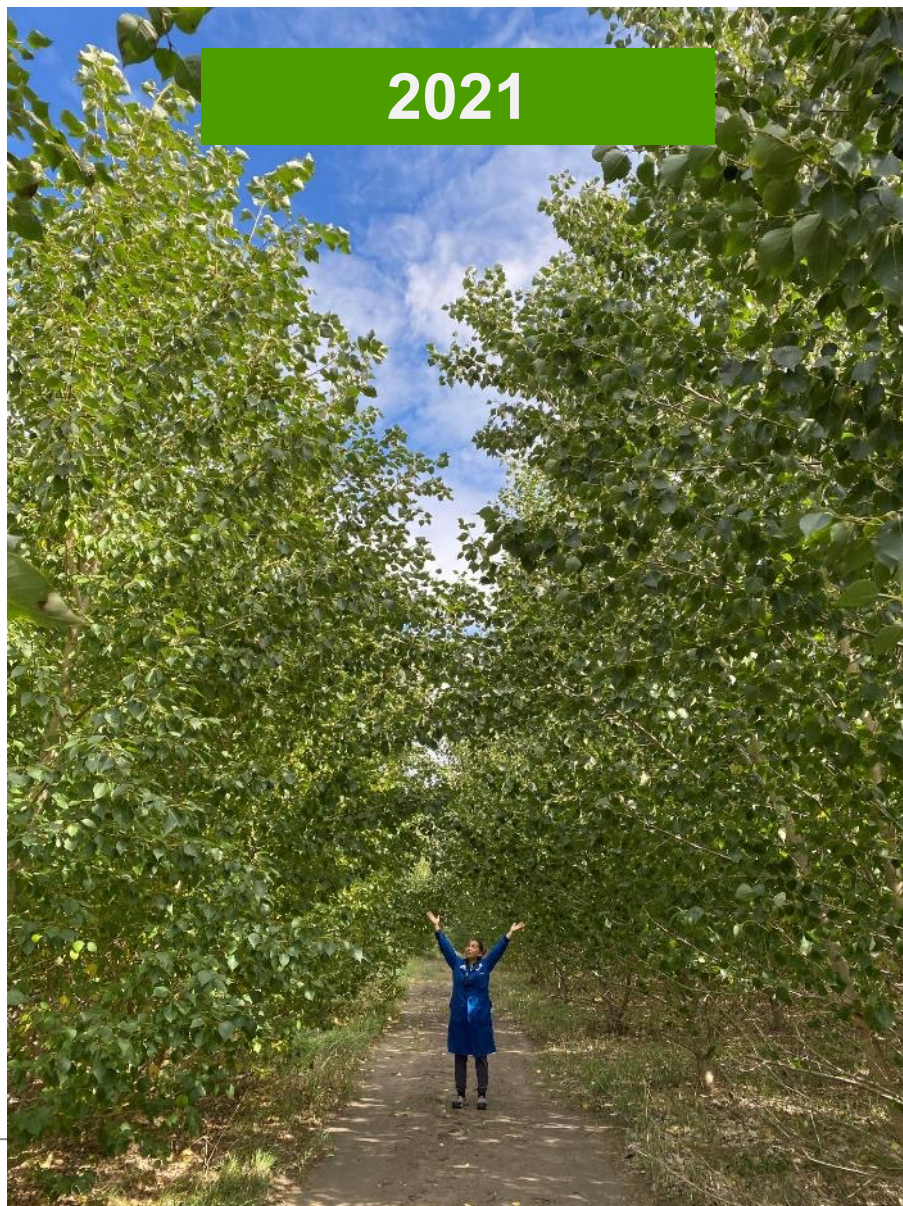
Four and five years later they looked like this:



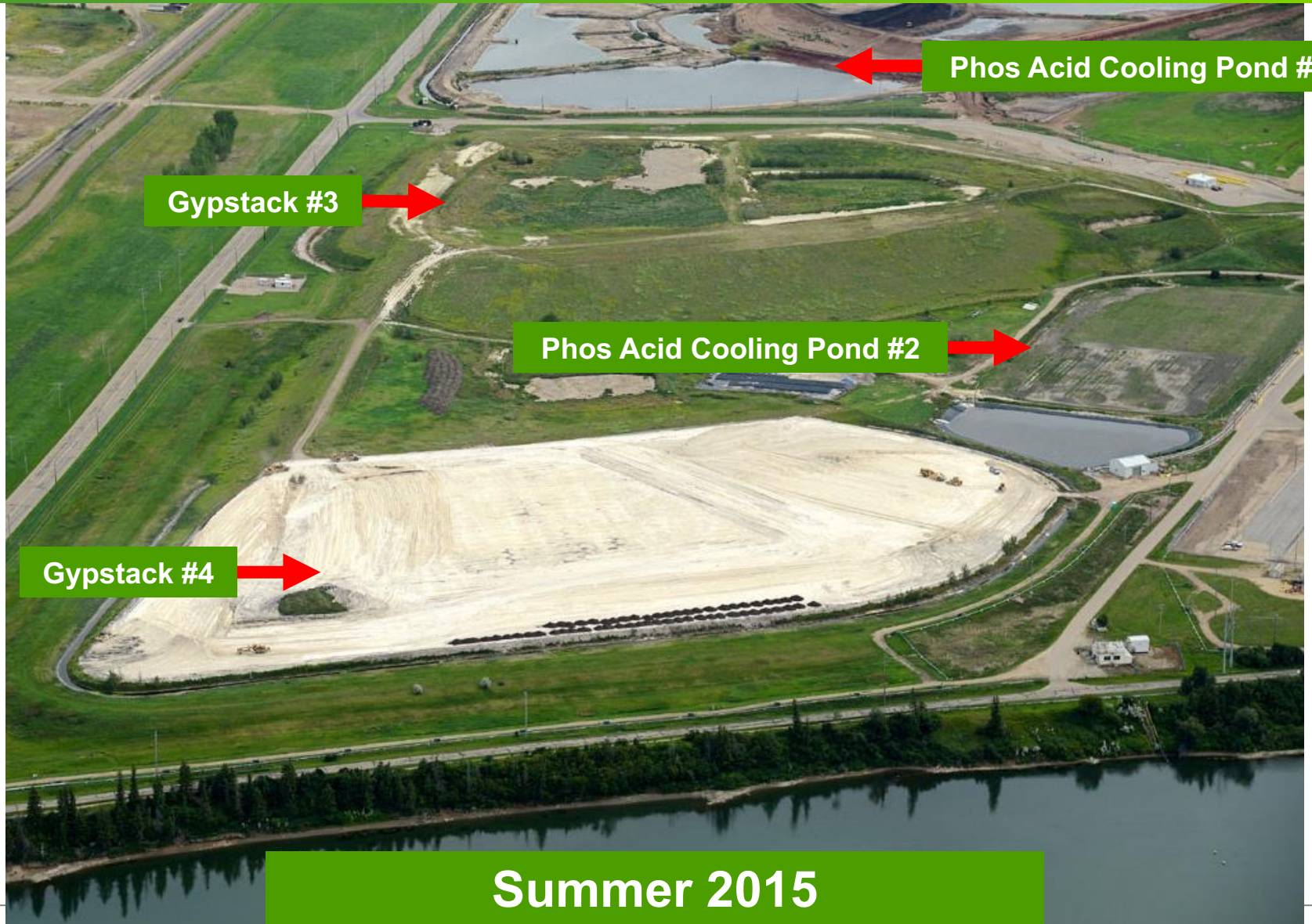
- **We used the same concept to reclaim stacks of by-product gypsum starting in 2016.**
- **44,000 trees were planted between 2016 and 2022 over a 20-hectare footprint.**
- **Mostly hybrid poplar, but also some willow, lilacs, white spruce and saskatoons.**
- **Trees were planted on a concentrated grid to maximize biomass and carbon accumulation.**







# Stack 3&4 before and after – 2015 to 2022



# Stacks 3&4 before and after – 2015 to 2022





# 2022 reclamation of Phos Acid Cooling Pond #1



# Pond filled with gypsum from Adjacent Stacks and Area Contoured



# Covered with 15 cm of soil



# Soil mixed into the gypsum to create seedbed



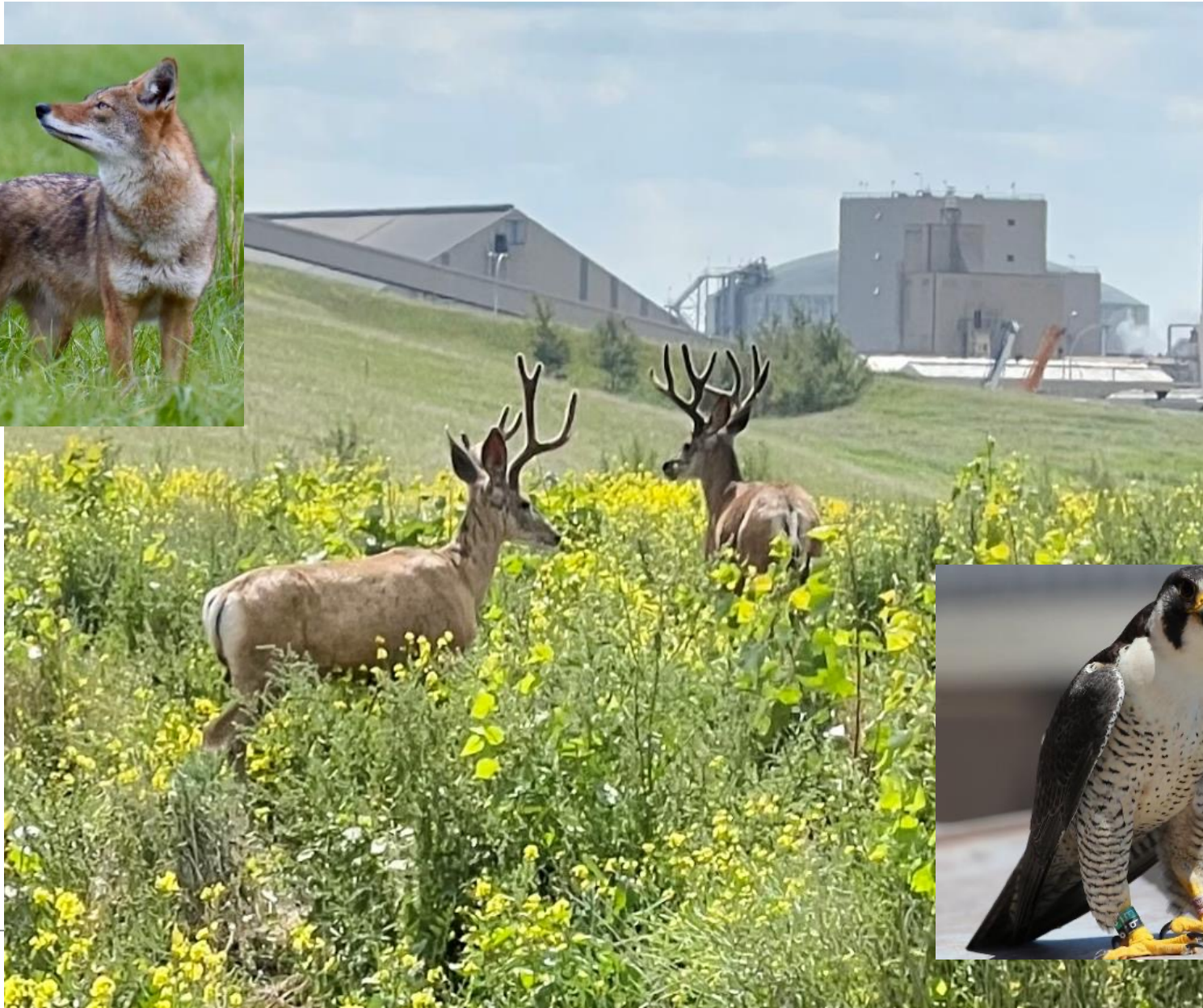
- **The 17-hectare reclaimed area was planted with 26,000 hybrid poplar trees in June 2023**
- **Trees are expected to grow 1.5 m to 2 m a year**
- **They create wildlife habitat, look beautiful and improve soil and groundwater quality**



# Gypstack 1&2, Phos Acid Cooling Pond #1 – August 2023



# A few of our residents.... Questions? Visit the Nutrien Booth





*Life* IN THE  
**HEARTLAND**





KEYERA

# Celebrating 25 years in the Heartland

Fall 2023 Community Update





# How Did Keyera get its Name?

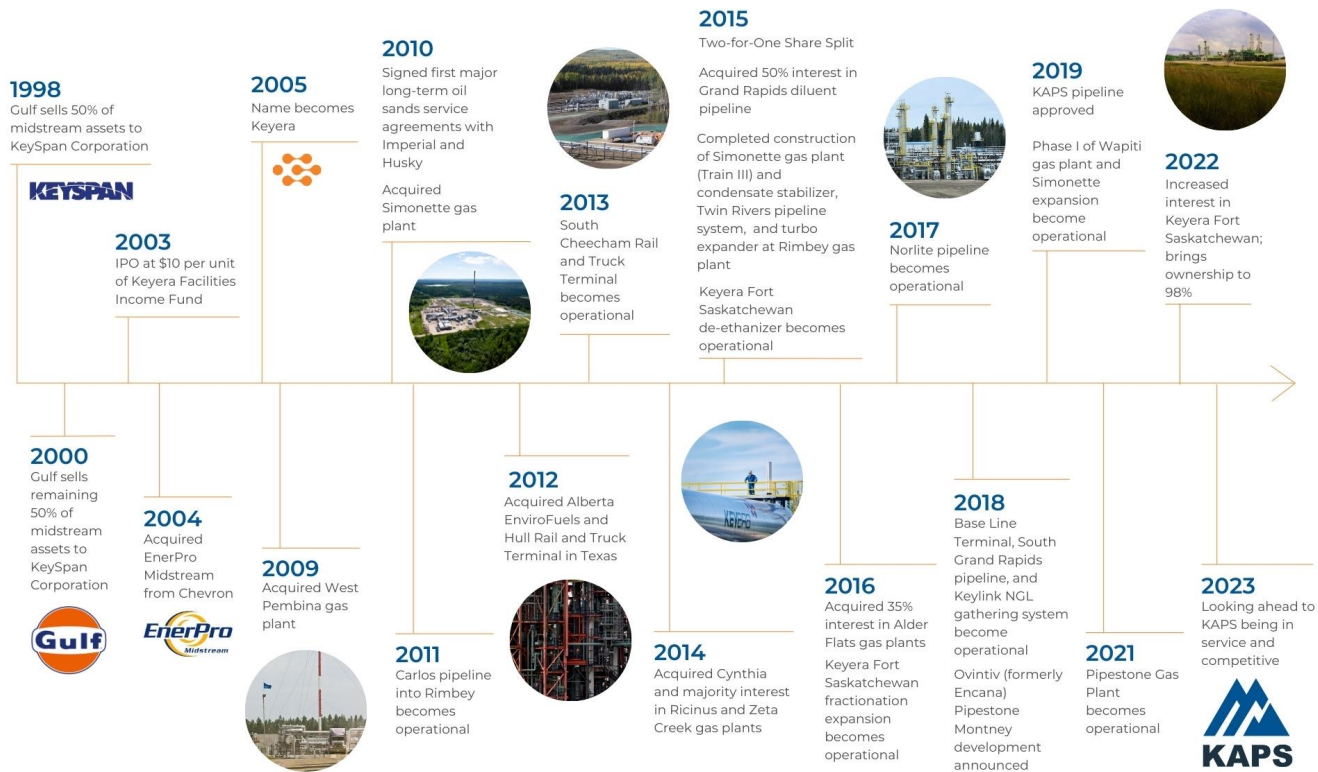
**KEY** facilities for a new **era**



**KEYERA**

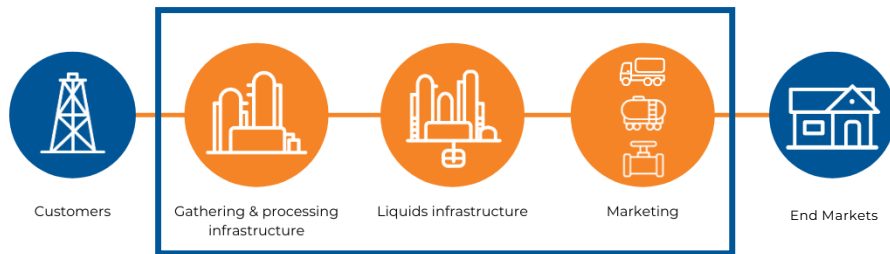


*How did we get here?*



# What We Do

We connect our customers with markets



# Keyera in the Heartland

## Where we operate:

### City of Fort Saskatchewan

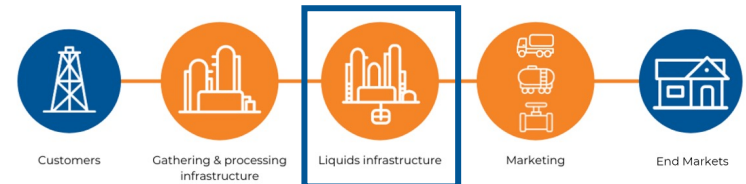
- Keyera Fort Saskatchewan (KFS)

### Strathcona County

- Alberta Envirofuels (AEF)
- Keyera Edmonton Terminal
- Baseline Terminal
- Josephburg Terminal
- Fort Saskatchewan Condensate System (FSCS)
- Liquid Infrastructure Regional Office

### City of Edmonton

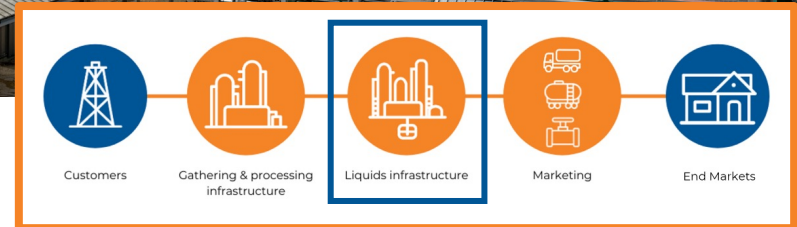
- Alberta Diluent Terminal/Alberta Crude Terminal



# Crown Jewel: Keyera Fort Saskatchewan

## Central to Keyera's Business

- KFS integrates our Gathering and Processing infrastructure across the province to separate Natural Gas Liquids (NGLs) for sale in many markets
- Our KFS team recently completed a successful 12-day turnaround of Frac-1 to ensure the continued safe operation of the facility.
- The KFS site saw:
  - 320 personnel on site day and night
    - Including 280 contractors
- KFS has been in operation since 1972, and celebrated it's 50<sup>th</sup> anniversary last year.



# KAPS: Connecting the Heartland

Emphasizing Keyera's commitment to the region



## The largest project in Keyera's history:

- \$650M in labour income
- 7.7 million people hours
- Approximately 400 site visits with 22 Indigenous communities, including over 80 engagement meetings to identify and mitigate concerns.
- Nearly 600 landowners and occupants approved the pipeline route.
- 60 Indigenous-owned or affiliated businesses were contracted on the project.
- Approximately \$272M in construction services contracts were allocated to Indigenous-owned or affiliated businesses.



# Energy transition strategy

Meeting energy needs for today and tomorrow

## Decarbonizing base operations **TODAY**



Pursuing operational efficiency and employing technology



Optimizing utilization of our facilities



Supporting renewable energy



Exploring carbon capture, utilization, and storage (CCUS)

## Pursuing energy transition opportunities **FOR TOMORROW**



Lower-carbon fuels



Hydrogen



Solvents that support lower-intensity production



Enabling customer carbon capture

## GHG targets

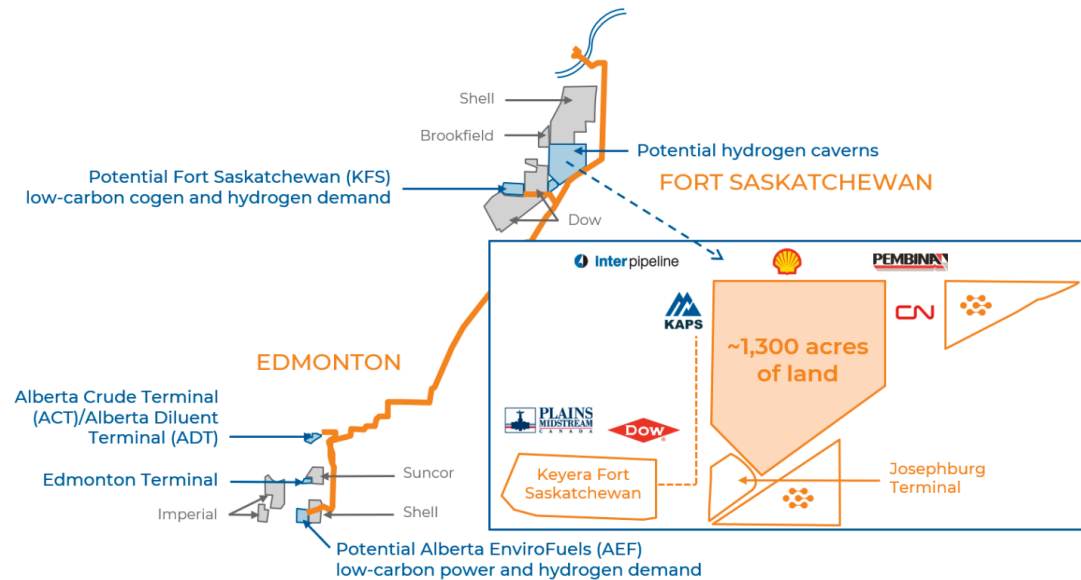
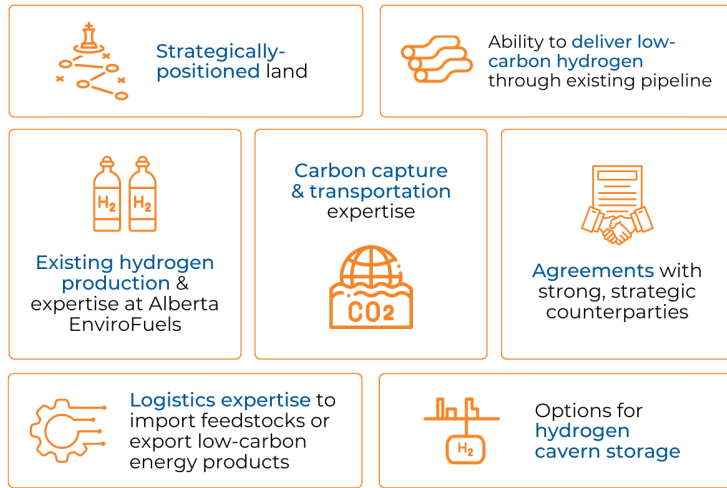
We've committed to reducing GHG intensity (from a 2019 baseline) by:

**25%**  
by 2025

**50%**  
by 2035

# Looking Ahead

## Low-carbon Hub Strategy and Keyera's Josephberg Land



# Keyera Connects

## Social Investment



### ENVIRONMENTAL INNOVATION



### INDIGENOUS RECONCILIATION



### COMMUNITY RESILIENCY

## Overview

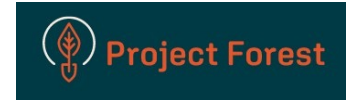
2022 was the inaugural year for Keyera's new social investment program, Keyera Connects. Through Keyera Connects, we strive to make a meaningful difference in the communities where we live and work. Focused on three **Pillars of Giving**, we work directly with communities to build capacity and strength

# In the Community



Keyera employees spoke with students about their experiences in the trades at the **2023 Skills Canada Alberta Provincial Skills Competition** in Edmonton

Keyera has been a proud sponsor of the **Legacy Park Family Festival** in Fort Saskatchewan for over 25 years



# Thank you!

We hope you have a safe trip home

*Life* IN THE  
**HEARTLAND**

**Thank you!**