



# Pembina Pipeline Corporation

## LITH Spring Community Information Evening

TSX: PPL; NYSE: PBA

April 2024



# 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

Building upon Pembina's core business while capitalizing on opportunities in the transition to a lower-carbon economy

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## Pembina in the Heartland



### Redwater:

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

### Heartland Off-Gas Processing (Fort Saskatchewan)

- Gas processing

### Sherwood Park:

- Field Office & Control Centre

### Terminals (Edmonton area):

- 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



Pembina has over 600 employees in the Heartland

# GHG Target and Path

**30%** reduction in greenhouse gas emissions intensity by **2030<sup>(1)</sup>**

## Multiple pathways to achieve target



### OPERATIONAL

- Optimizing pipeline capacity and operations
- Constructing cogeneration facilities
- Modernizing and optimizing compression facilities to reduce the amount of energy consumed
- Enhancing leak detection and repair programs at facilities
- Reducing flaring and venting



### RENEWABLE ENERGY

- Increasing the use of renewable energy through power purchase agreements with TransAlta on the **Garden Plain Wind Power Project** and with Capstone on the **Wild Rose 2 Wind Farm**
- Exploring other potential renewable power purchase agreements



### INVESTING IN A LOWER CARBON ECONOMY

- Developing the **Alberta Carbon Grid** to effectively manage emissions and contribute positively to a lower-carbon economy
- Evaluating pilot projects for carbon capture and storage at Pembina's gas processing and fractionation facilities

Pembina's GHG reduction target will guide business decisions and improve overall emissions intensity performance

# Pembina in the Community

**WBF**<sup>TM</sup>  
**WOMEN BUILDING FUTURES**<sup>®</sup>



\$320,000 directly donated to Heartland communities in 2023



# Pembina Projects in the Heartland

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## Expanding fractionation capacity at Redwater - RFS IV



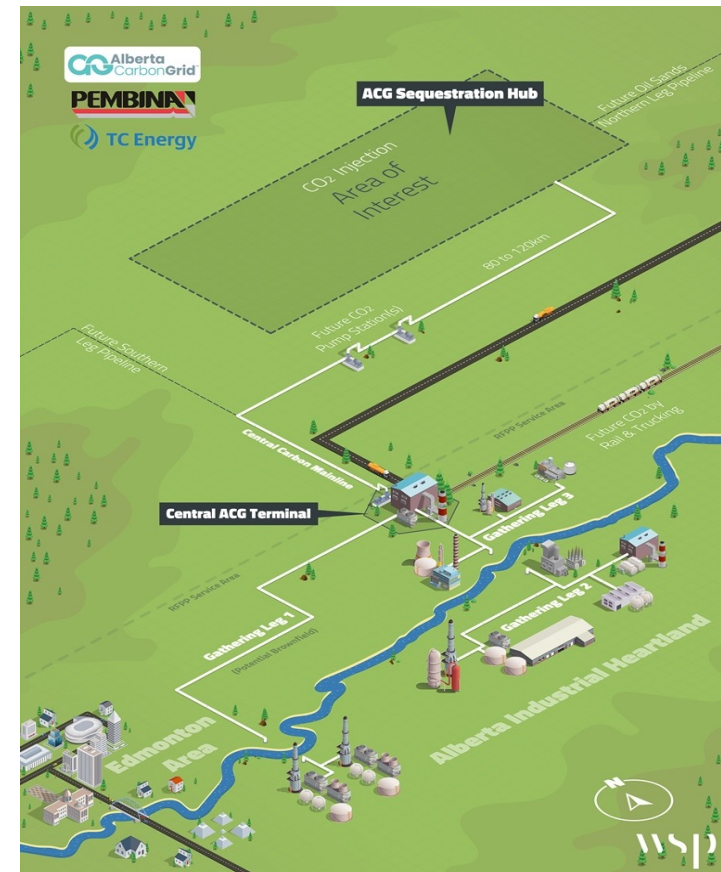
- Pembina is constructing a new 55,000 bpd propane-plus fractionator ("RFS IV") at the Redwater Complex
- RFS IV is expected to cost approximately \$460 million to construct and will leverage the design, engineering, and operating best practices of the existing fractionators
- The project includes additional rail loading capacity at the Redwater Complex
- Site clearing activities have been completed, engineering and procurement activities continue, and site construction is expected to begin in the second quarter of 2024.

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

# 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
- ACG completed the evaluation well drilling, logging and testing in December 2023.

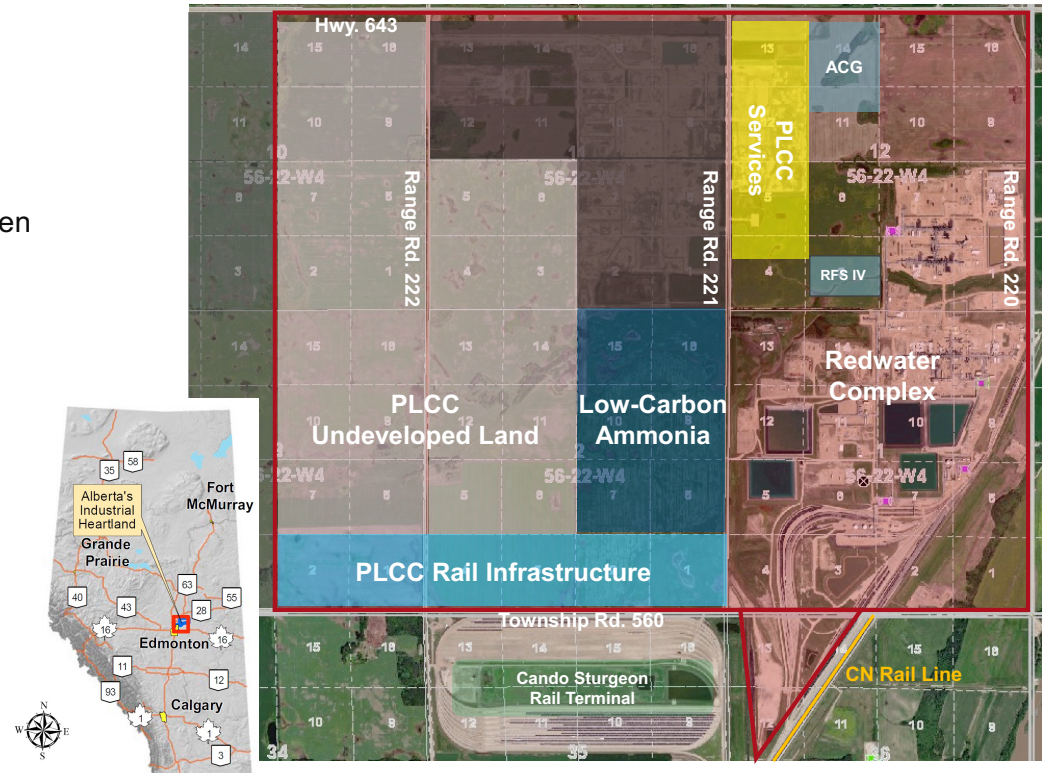


ACG will help Canada meet its GHG emissions reduction objectives

# 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**

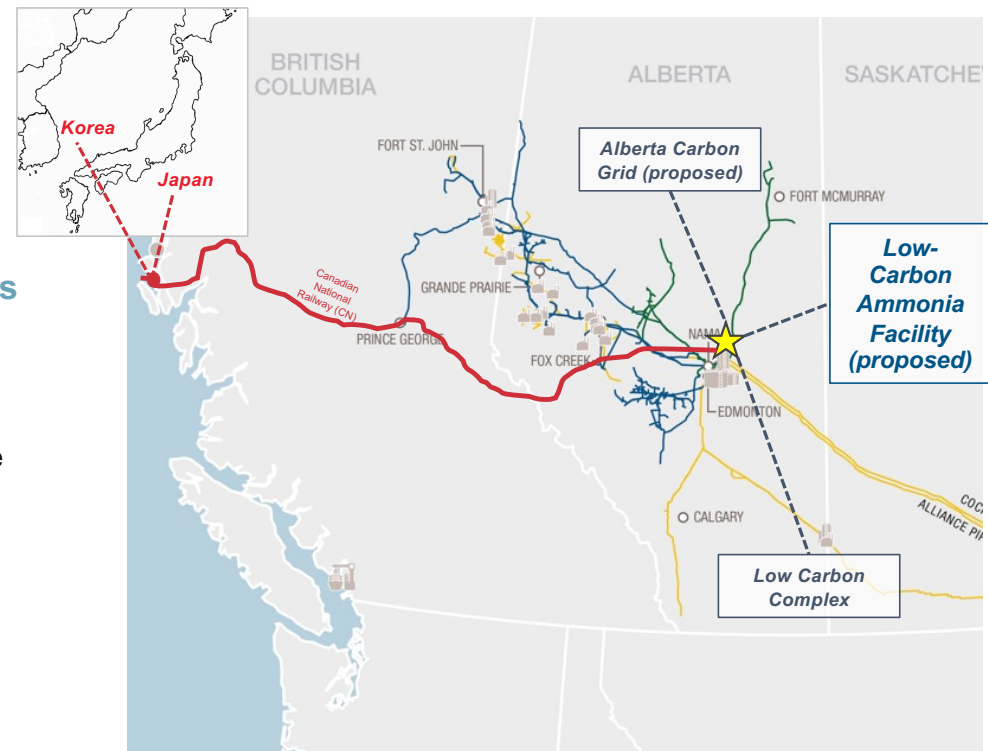


PLCC is an innovative growth platform supporting investment in energy transition projects

# 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)

