

HTEC CAP Meeting

November 18th, 2025

HTEC respectfully acknowledges that its head office is situated on the traditional and unceded territories of the x^wməθk^wəyəm (Musqueam), Skwxwú7mesh (Squamish) and Səlilwətał (Tseil-Waututh) Nations.



www.htec.ca

Agenda

1. HTEC Overview
2. Project Summary and Update
3. Permitting Status
4. First Nations Engagement

1.

HTEC Overview

HTEC at a Glance

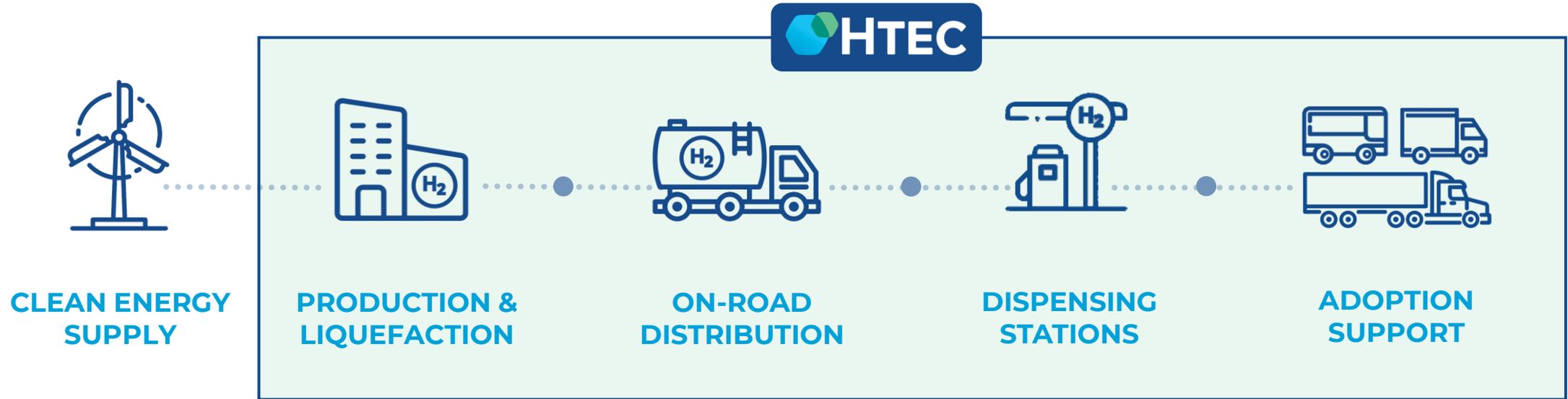
HTEC's mission is to **fuel the drive to hydrogen** by designing, building, owning, and operating regional hydrogen hubs that contribute to a sustainable, integrated hydrogen ecosystem in BC and beyond.



1st • Light duty station network in Canada
• Commercial-scale electrolyzer in BC

- **20+** years
- **115** employees
- **>130,000kg** H2 safely delivered & dispensed

HTEC works across the Clean Hydrogen Value Chain



HTEC at a Glance



20+

Years in operation



6

Open H₂ stations



115+

Employees



>130,000 kg

Hydrogen delivered & dispensed
avg 80kg/day



\$100M+

Capital invested



300

FCEVs supported



Up to

400 ktCO₂e

GHG emissions reduction by 2030



>1,500 tCO₂e

Abated to date

HTEC's Business Units

HTEC is uniquely positioned to support North America's hydrogen energy transition



CLEAN FUELS

Hydrogen Production & Liquefaction Facilities



STATIONS & DISTRIBUTION

Light- and heavy-duty hydrogen refueling stations



ENGINEERING SERVICES

Engineering, Design & Project Support



Retail Fueling Station Network



6
Stations open



6
Years of safe
operation



6
Stations planned



700
Bar pressure



5
Minute fill time

Heavy-Duty Fueling Station Network



1
Station under
construction



13
Dispensers
planned



700/350
Bar pressure

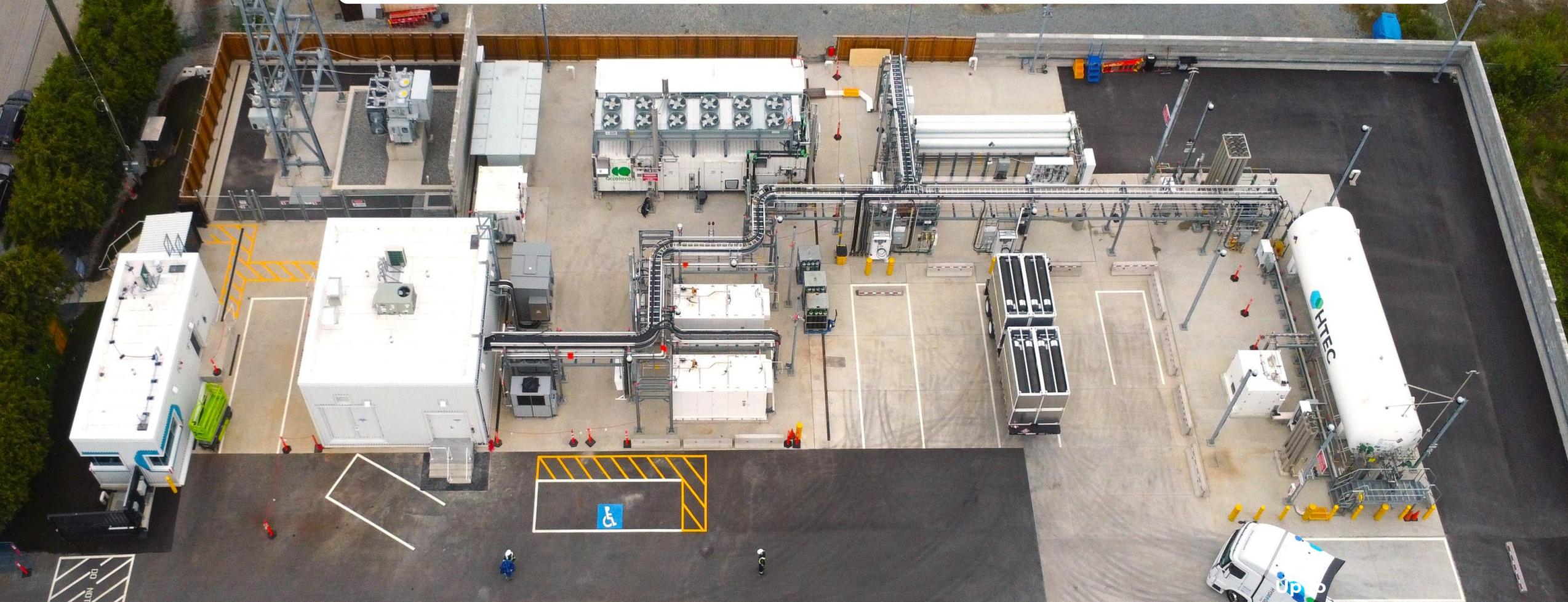


<20
Min fill time



Liquid + Gaseous
H2 supplied

Burnaby Clean Hydrogen Production Facility



Commercial operation

2025

Daily capacity

2 TPD

FCEVs/FCETs supported

3500+/50+

GHG emissions reduction per year

10,000 tCO₂e

2.

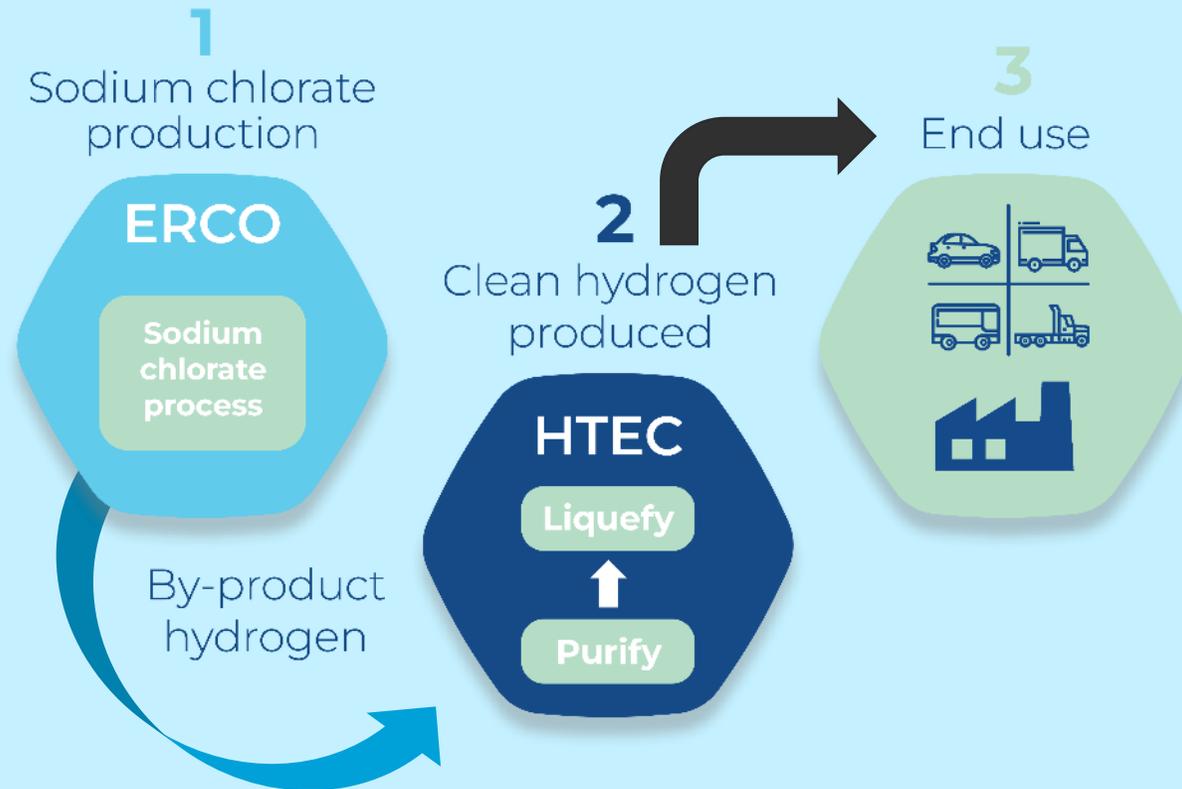
Project Summary & Update

North Vancouver Liquid Hydrogen Facility

Recycling waste hydrogen to meet net-zero targets

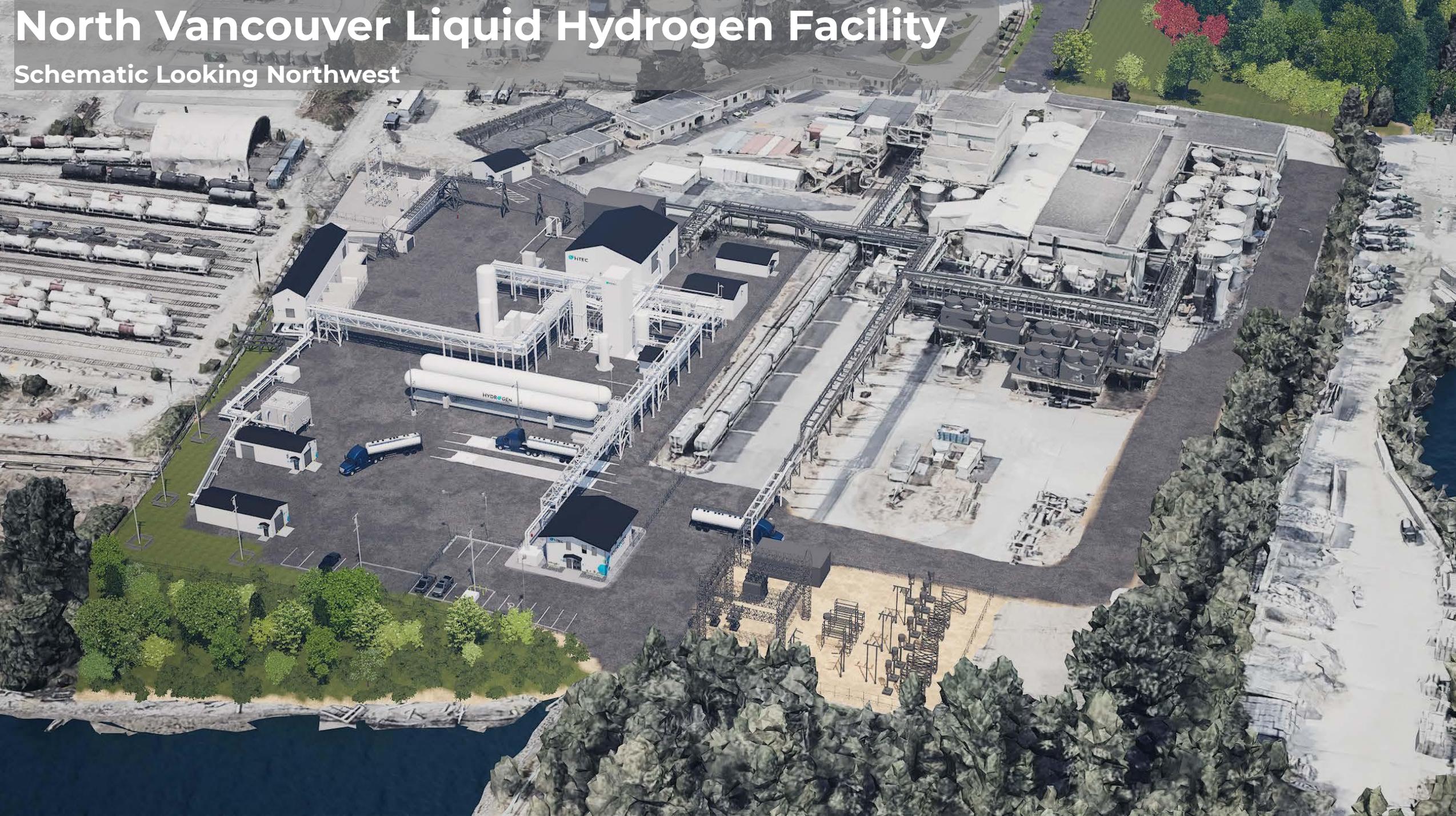
- HTEC will co-locate a clean hydrogen production facility at an existing ERCO Worldwide sodium chlorate plant.
- Sodium chlorate process produces low-carbon hydrogen as a by-product.
- Today, most of this hydrogen is vented into the atmosphere.
- HTEC will capture, purify, and process this industrial hydrogen to produce 15 tonnes per day of clean liquid hydrogen.

- Western Canada's first hydrogen liquefier plant



North Vancouver Liquid Hydrogen Facility

Schematic Looking Northwest



Project Summary

KEY HIGHLIGHTS

Low Carbon Hydrogen Secured

- BC clean electricity grid results in low carbon intensity CI

Secured & Permitted Site

- HTEC purchased 100 Forester St (ERCO's site) April 2024
- Rezoning amendment to allow for the addition of hydrogen liquefier on site July 2023; development permit issued May 2025

Secure Power Supply

- Completed System Impact Study with BC Hydro

FEL-3 Completed

- Leading Canadian EPC (majority owned by Bechtel) completed FEL-3

Government Support and Financing

- Funding support from the government:
 - Canada Infrastructure Bank
 - Strategic Innovation Fund
 - BC Hydro and IRAP

SITE LAYOUT



PROJECT TIMELINE

Q1 2026

- Project Milestone 1

Q2 2026

- Project Milestone 2

Q3 2026-2028

- Project Milestone 3

2028

- Project Milestone 4

North Vancouver Liquid Hydrogen Facility

Project Benefits



15 TPD
Daily capacity



30,000
FCEVs supported



20
Jobs



Up to
90 ktCO₂e
GHG emissions
reduction per year

Safety First

- 1 HTEC is committed to the highest standards of safety for our employees, contractors, clients, and the public.
- 2 HTEC has a safety record of delivering over 100,000 kg of hydrogen safely over the last ten years.
- 3 HTEC's hydrogen-supply solutions are designed to the most relevant codes and standards.
- 4 As with any other energy source, such as gasoline and diesel, hydrogen is also a combustible fuel, and we handle it with the utmost respect.



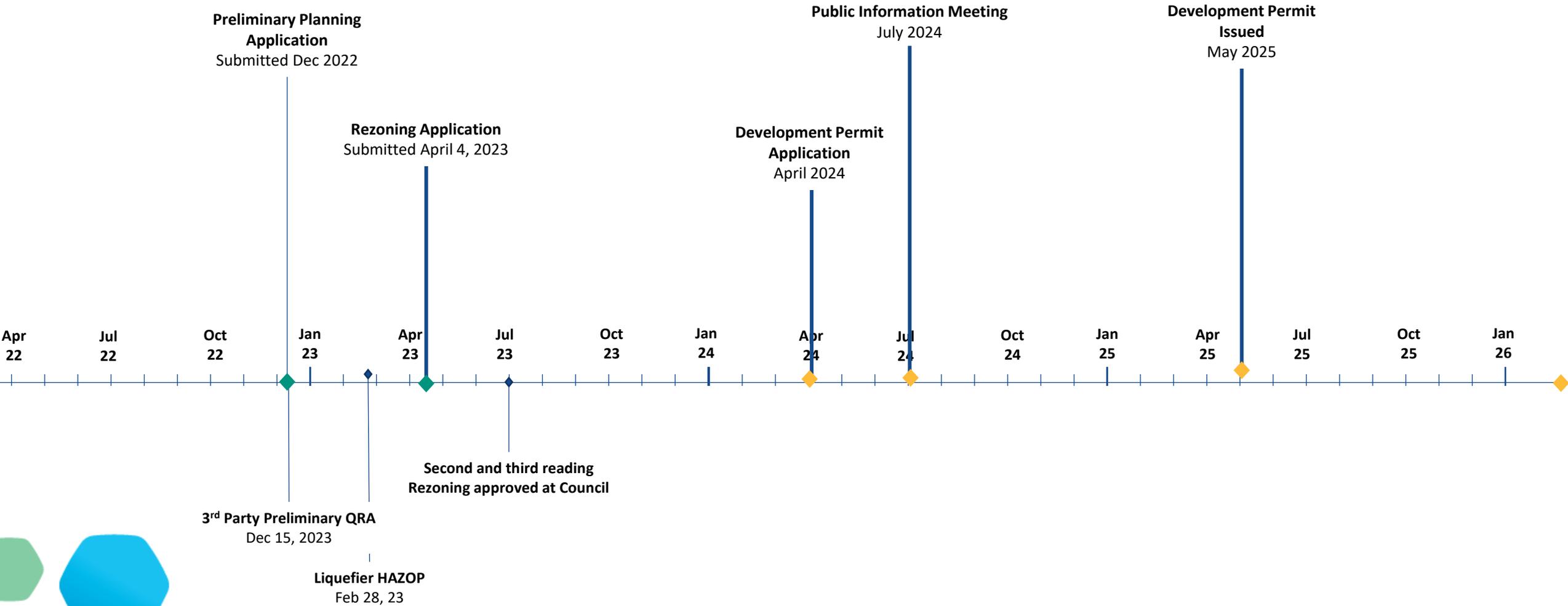
Hydrogen is Safe

- Liquid hydrogen facilities have been operating safely and successfully in Canada and the USA since the early 1960s, including in urban areas.
- Today, there are 17 hydrogen liquefaction plants operating in Canada and the USA, which produce approximately 357 tonnes of liquid hydrogen per day.

3.

Permitting Status

Permitting Status



Note:
Milestones show activity completion and not the ongoing work to develop them

4.

First Nations Engagement

Indigenous Relations

COMMUNICATION UPDATE

- **Regular Project Updates & Open Dialogue:**
In May 2023, HTEC initiated a formal referrals process with the Squamish First Nation and Tsleil-Waututh Nation as part of the bylaw amendment process.
- We provide frequent project updates and maintain open channels for questions and feedback, ensuring First Nations are informed and can voice concerns or suggestions throughout the project lifecycle.
- **Indigenous Procurement & Employment:**
We are developing an Indigenous Procurement Policy that prioritizes local First Nations and have shared employment and contractor opportunities.
- **Archaeological Overview Assessment (AOA)**
HTEC has completed an Archaeological Overview Assessment led by ISL Engineering, which identified the site as having low archeological potential. The report has been accepted by the four nations whose traditional territory is within the project site.

Thank you!

