Welcome to the

7Mile | Proposed Renewable Fuels Production Facility

Information Session

TK̓EMLÚPS TE SECWÉPEMC

Sc.wéʔwen ECONOMIC DEVELOPMENT CORP.

azure sf

Exploring the proposed 7Mile Renewable Fuels production facility involves a partnership between:

TK̓EMLÚPS TE SECWÉPEMC

("TteS")

SC.WÉN̓WEN ECONOMIC DEVELOPMENT CORP.

("SEDC")

azure sf

("Azure")

Proposed 7Mile Renewable Fuels Facility

- The proposed facility is dedicated to producing renewable fuels, including Sustainable Aviation Fuel (SAF).
  Strong focus on project values of:
  - Environmental stewardship
  - Cultural preservation
  - Sustainable economic development
- Have been actively engaging TteS membership and surrounding communities to inform the planning and design of the SAF facility.

Project Need

- ~65% of aviation sector CO_2 reduction relies on SAF adoption

- Canada is committed to reducing aviation emissions:
  - Paris Agreement and Net Zero by 2050.
  - Climate Aviation Action Plan

- Environmental benefits optimized by:
  - Direct access to markets
  - Local feedstocks
  - Partnerships optimize environmental benefits

Project Need

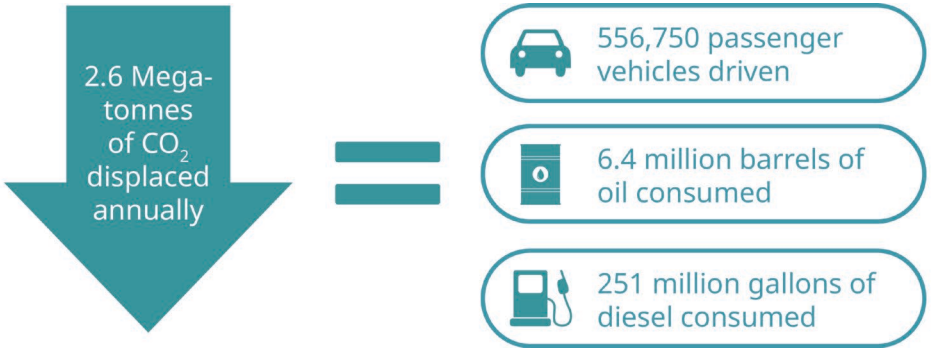
FIGHT CLIMATE CHANGE
The Facility will displace ~2.6 million tonnes of CO_2 emissions per year

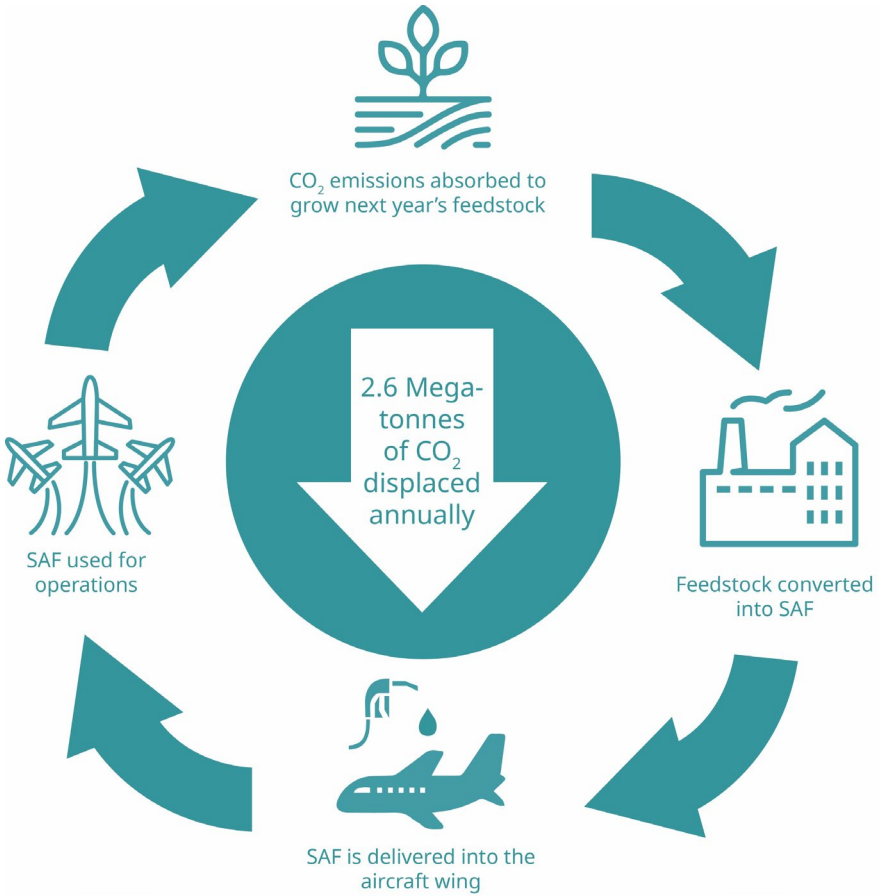
SUPPORTS INDUSTRY GROWTH
Using SAF will assist airlines in achieving carbon neutral growth

DROP-IN FUEL ADVANTAGE
Can leverage existing industry infrastructure and supply airlines today

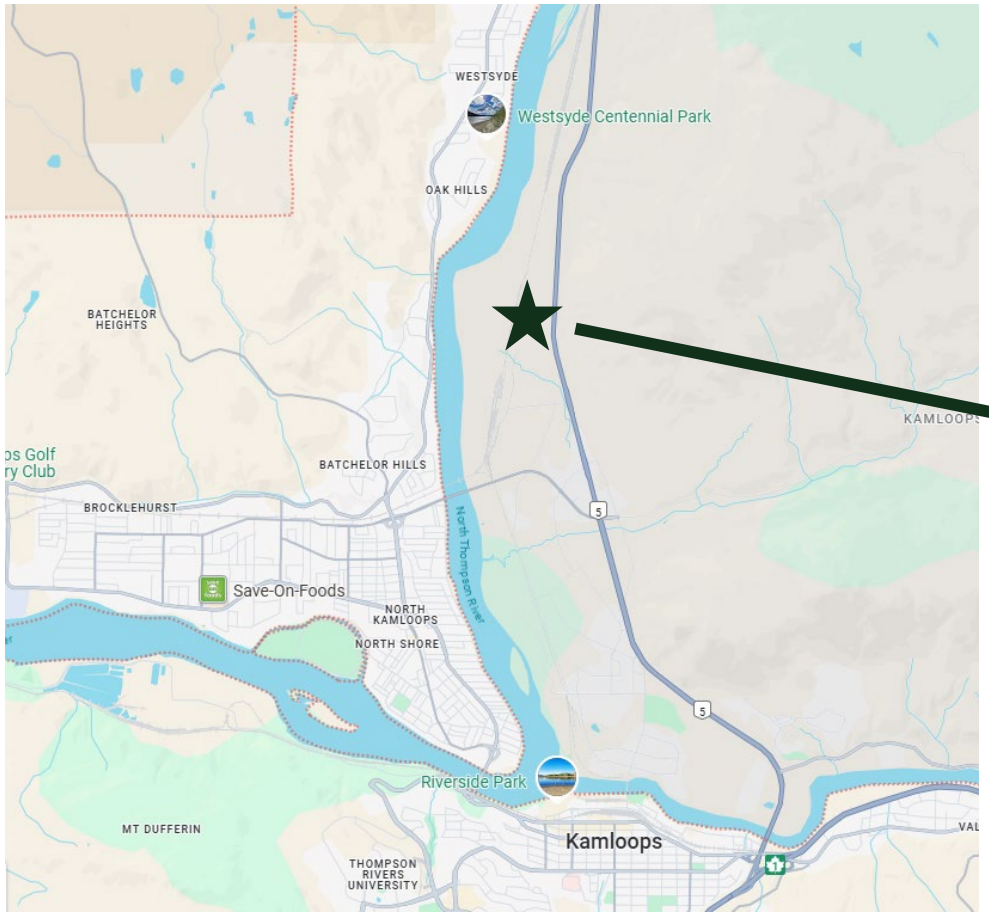
What is Sustainable Aviation Fuel (SAF)?

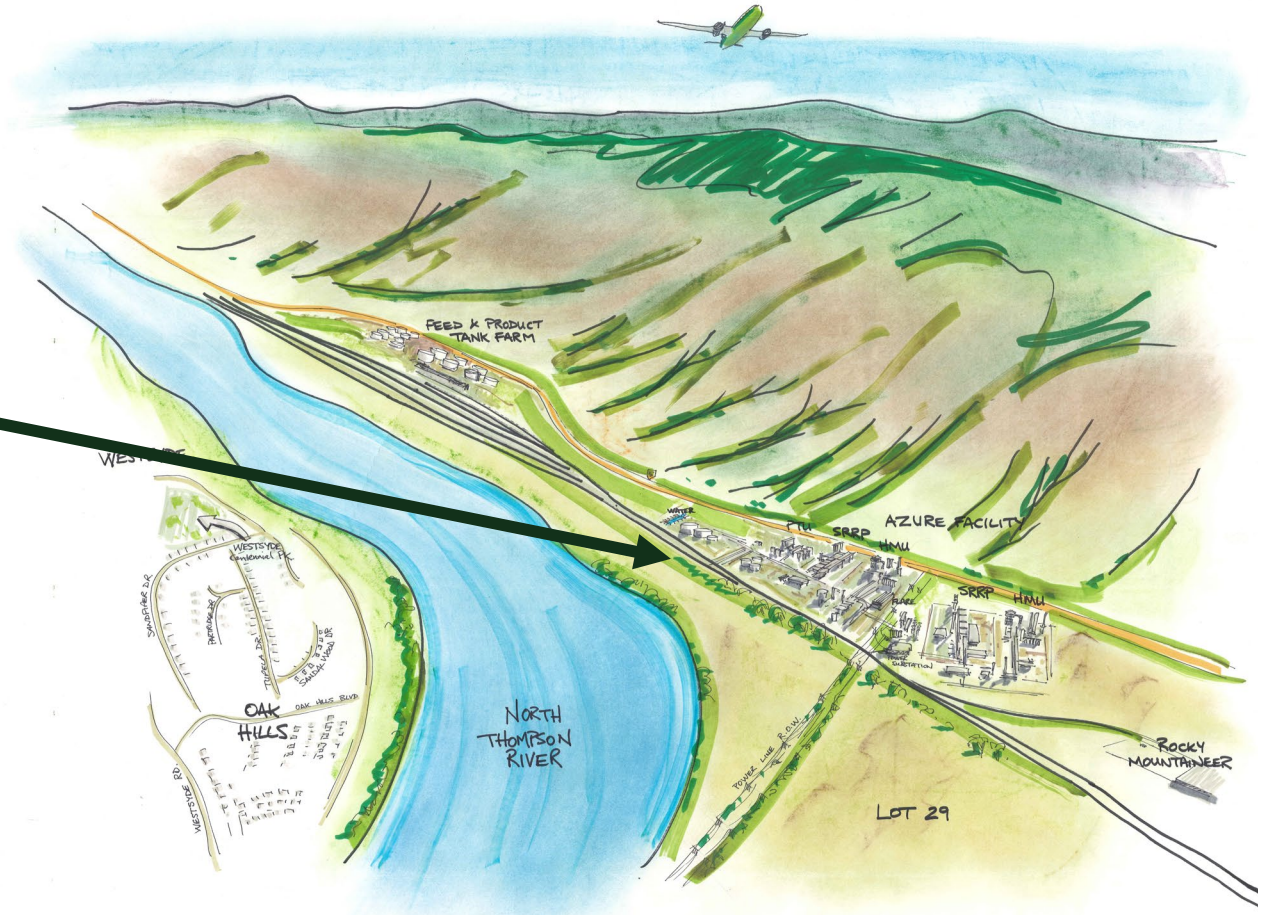
Sustainable Aviation Fuel (SAF) is a drop-in fuel that blends seamlessly with traditional aviation fuel to help reduce greenhouse gas emissions. Interest in SAF has grown significantly, with airlines increasing its use from 500 flights in 2016 to nearly 450,000 flights by 2021.





Project Location

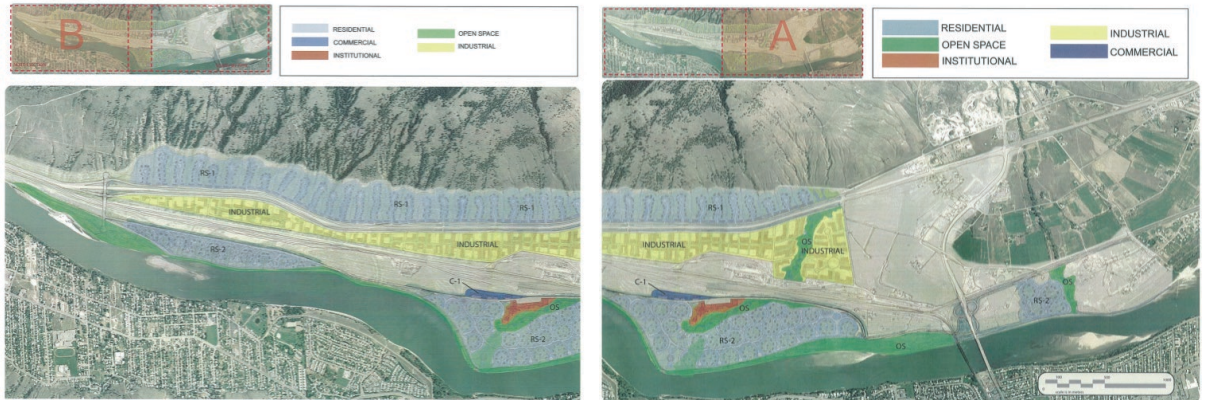




7MILE MASTER PLAN Connection

2005 Land Use Plan

7Mile lands (in yellow)
were reserved for industrial use.



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2018
7Mile Master Plan

Focused on only “industrial” lands from the land use plan.

- **Scenario A:** Mix of industrial, rail & **high** concentration of commercial
- **Scenario B:** Mix of industrial, rail **low** concentration of commercial
- **Scenario C:** Industrial & rail

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2024
7Mile Master Plan

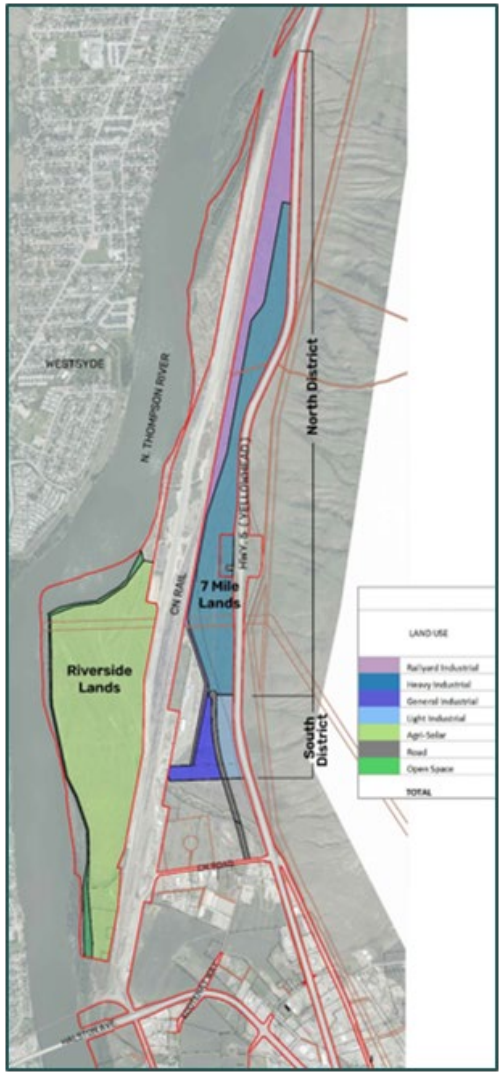
The 2024 7Mile & Area Master Plan focuses on exploring **scenarios B & C** from the 2018 Master Plan in detail.

7MILE MASTER PLAN Connection

Scenario C/Plan A
(Preferred Plan*)

Industrial & rail

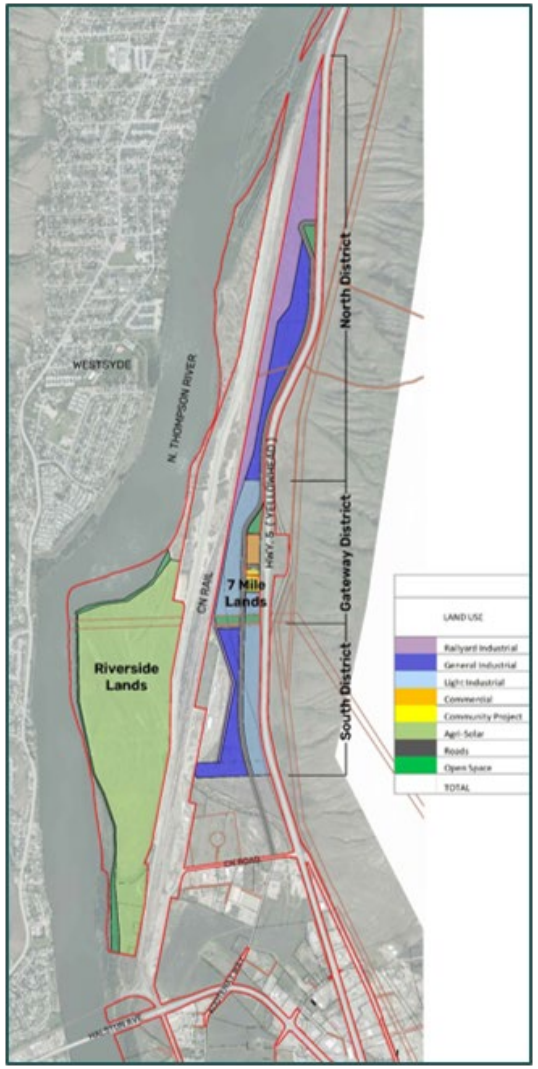
**This is the preferred option as it offers greater partnership opportunities, and delivers a high return on investment*



Scenario B/Plan B

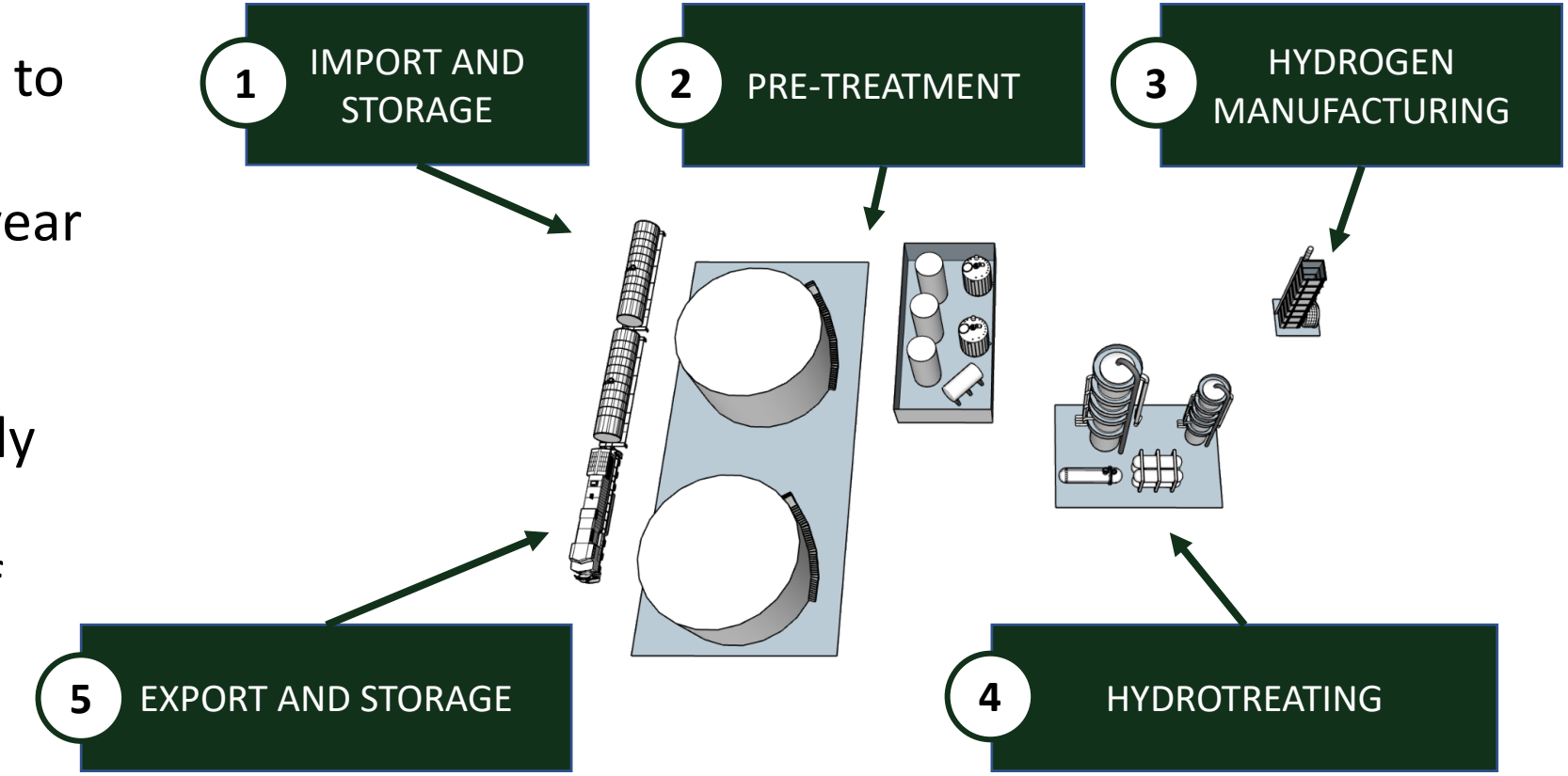
Mix of industrial, rail & low concentration of commercial

Plan B will only be pursued if Plan A is doesn't move forward.



Renewable Fuels Facility

- Converts vegetable oils to renewable fuels.
- Processes 1M tonnes/year (20,000 barrels/day) of feedstock.
- Feedstocks will primarily be Canadian canola oil.
- Rail is the main form of transportation.



Permitting

Environmental Review Process

To Assess the Environmental Effects and their Mitigations of the Project TteS is the regulator and will assess the Project and make a determination if the project may proceed. ISC is providing a due diligence review and advising throughout the process.

Provincial

- ❑ Waste Discharge Permit - Air
- ❑ Water License

Development Approval Board

- ❑ Building Permit
- ❑ Occupancy Permit
- ❑ Earthworks Permit

Other

- ❑ Environmental Management Plan

Environmental Studies

- **Biophysical Field Assessment:** completed summer 2024. During assessment, areas with potential critical habitat identified. To begin discussions with ECCC to determine next steps.

- **Archaeology Overview Assessment (AOA):** TteS Archaeology department completed October 2024, Archaeology Impact Assessment (AIA) to be completed 2025.

- **Environmental Site Assessments I and II:** Stantec completed Fall 2024.

- **Air Emission and, Noise studies:** Assessment underway. Following BC environment guidelines.

Water

- Water is required as an input to the Facility to support the production of renewable fuels.

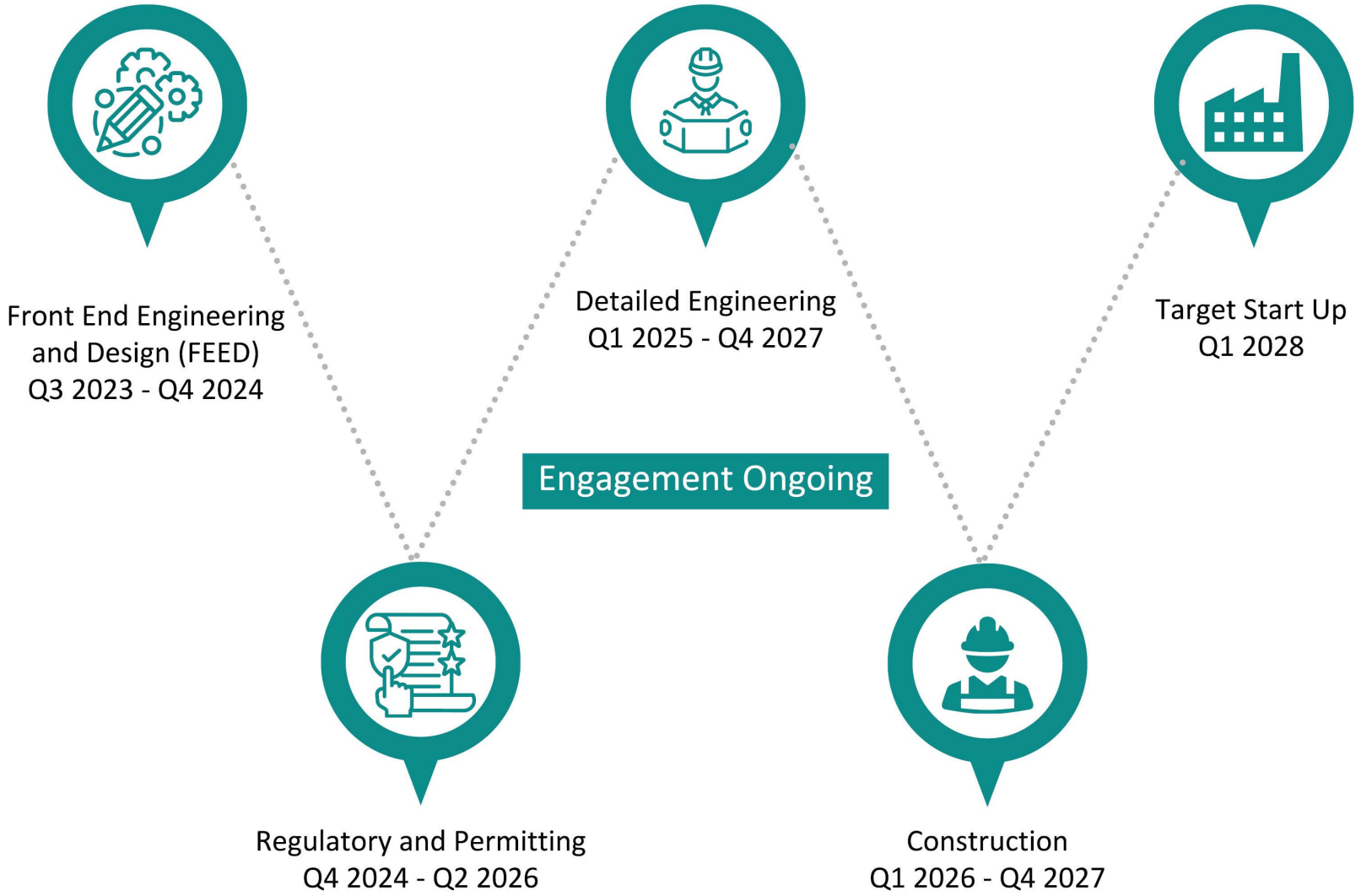
- **Water Intake:** Water to be taken from North Thompson River. Upgrading current water intake infrastructure, applying for new license.

- **Water Discharge:** Working with the City of Kamloops' to send wastewater to their treatment facility.

Project Benefits

- **Employment Opportunities:** 1,500 jobs during facility construction and 150 permanent positions.
- **Supporting the Local Economy:** Will support local business growth, fostering opportunities for complementary industries and neighboring First Nations.
- **Education and Training:** Education and training programs to equip our workforce with essential skills.
- **Environmental Stewardship:** our focus is rooted in environmental stewardship and identify all opportunities for exceeding industry standards for sustainability.

Proposed Timeline



Engagement

2021

- Discussion began between Azure and TteS

2022-2023

- Collaborative open houses to gather feedback

2024

- **October 2024:**
  - Initial engagement packages sent to all identified interested parties
  - 7Mile Renewable Fuels Production Facility was part of SEDC's 7Mile Masterplan Open House
- **November 2024:** naming of the project to reflect connection with 7Mile Masterplan: *7Mile Renewable Fuels Production Facility*

Ongoing: responding to questions and concerns

Next Steps

We are in the early stages of project development and value your feedback to help shape its direction. We will update the project website with answers and progress as frequently as possible.

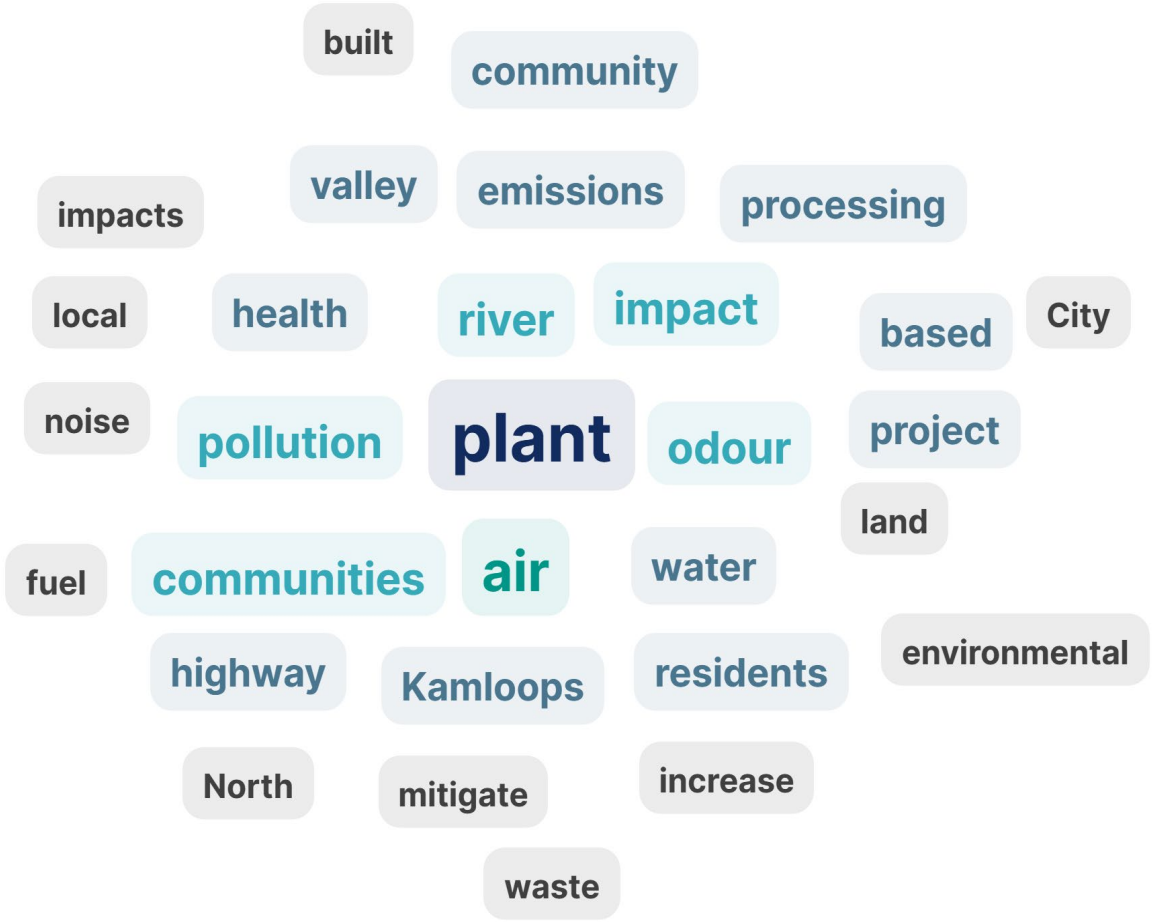
Questions and Answers:

- Answered and unanswered questions will be posted on the project website.
- Questions without current answers will be updated as information becomes available.

If you would like to receive project updates like this, please email **7mile.rf@ttes.ca** and we will add you to our engagement list.

Project website: https://www.tkemlupsbusiness.ca/7-mile-renewable-fuels

Questions and Answers



Question:

How will the proposed renewable fuels facility mitigate potential odor and impacts to water to ensure the protection of the surrounding environment and the health of nearby communities?

Question:

Considering the potential release of air and chemical emissions, what specific measures will be taken to assess and mitigate potential health risks to the surrounding communities, and how will these measures be communicated transparently to ensure public understanding and trust?

Question:

Given the facility’s proximity to residential areas and the North Thompson River, what comprehensive safety protocols and emergency response plans will be implemented to address potential risks associated with fire, explosions, spills, and floods, especially considering the facility's feedstock?

Question:

Considering the visual impact of the facility on the surrounding landscape and residents' views, why was this specific location chosen, and what measures will be taken to minimize any negative visual impacts, such as industrial aesthetics, light pollution, and potential eyesores?

Question:

Given the community's expressed concerns regarding the potential environmental and health impacts of the proposed facility, how will ongoing transparency and meaningful community engagement be ensured throughout the project's lifecycle, from the planning and development phases to the operational phase, to foster trust and address concerns proactively?

Question:

What specific employment and training opportunities will be created by this project, both during construction and for the facility's long-term operation? How will these opportunities benefit members of the Tk'emlúps te Secwépemc community specifically, and what measures will be taken to ensure equitable access to training and employment for both Indigenous and non-Indigenous residents of the Kamloops area?

Question:

What are the guarantees that there will be sufficient, long-term demand for Sustainable Aviation Fuel (SAF) to justify the construction and operation of this facility for a period of 50+ years, and what contingency plans are in place should demand for SAF diminish or the facility cease operations for any reason?