



Future Energy Park

GREEN IMPACT PARTNERS

ONLINE EVENT – JUNE 7, 2022

Land acknowledgement

We would like to take this opportunity to acknowledge the traditional territories of the Indigenous peoples of the Treaty 7 region and Métis Nation of Alberta, Region 3.

We respect the histories, languages, and cultures of First Nations, Metis, Inuit, and all First Peoples of Canada, whose presence continues to enrich our community.

Project team available today

Julia Ciccaglione

Wade Scott

Alison Timmins

Rachael Powell

Simon Cobban

Chris Beckman



Based in Calgary

Focus on renewable natural gas projects

Zero carbon opportunities

Traded on the TSX Venture Exchange (GIP.V)

\$2 billion in capital expenditures over the next three years

Project partners Carbon Clean Energy and PCL Construction



**Green Impact
Partners**



Project overview

Where is it?

Within City of Calgary
limits

Lands transferring
ownership

To be designated
*Industrial Direct Control
District*



Project benefits



Meeting the shortfall of domestic ethanol to meet Alberta Fuels Standard



Connects the energy and agriculture sectors



Increase income for agricultural operators (+\$150 million annually)

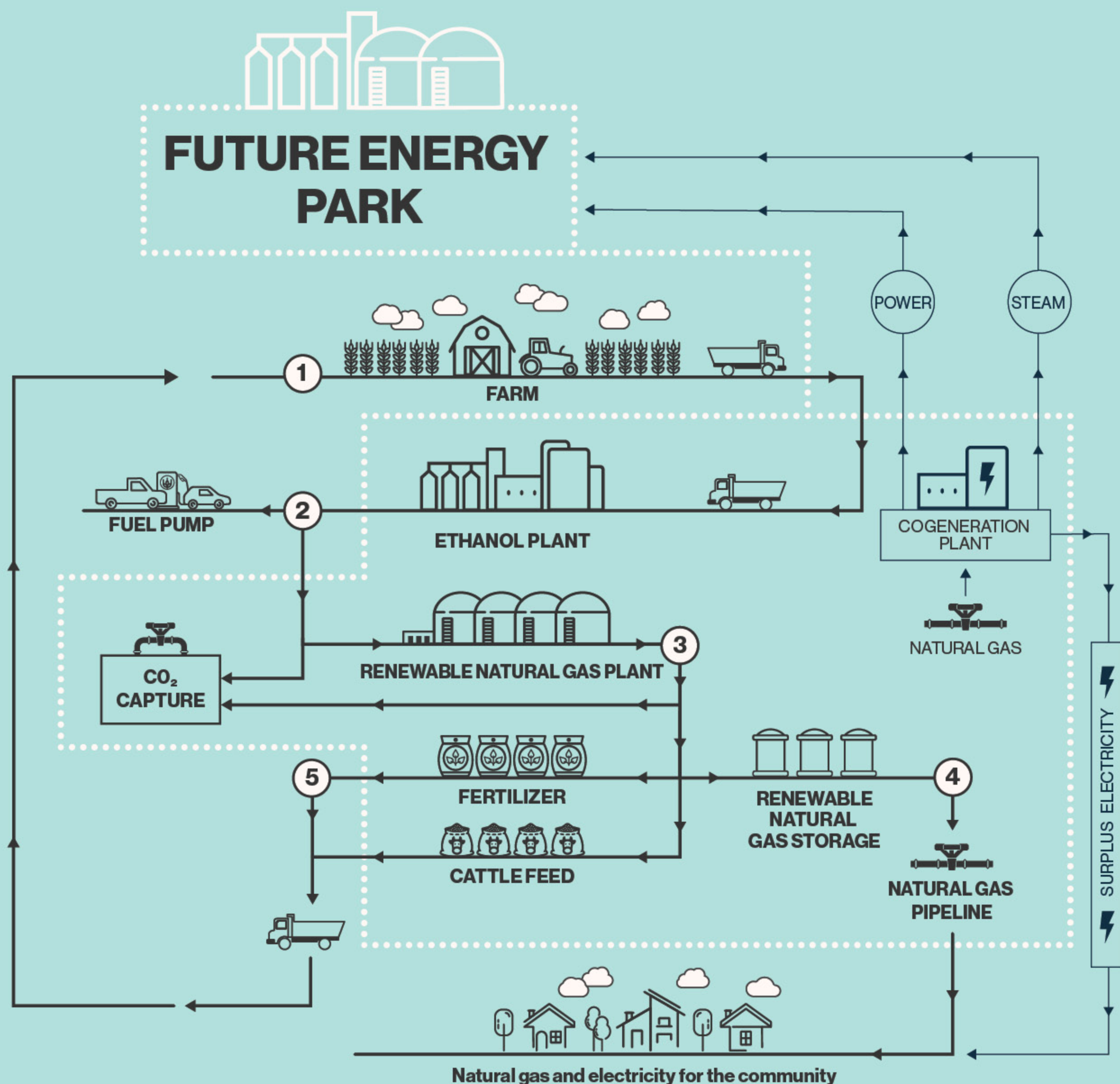


Employment opportunities (800 construction, ~50 operations)



Tax revenue and capital expenditure in Alberta

WHERE ALBERTA'S AGRICULTURE & ENERGY SECTORS MEET



1 Wheat producers will be able to sell low-grade wheat to the facility and generate income by converting a low value input to an alternative use.

2 After being weighed and stored, the wheat is processed into ethanol that will be transported to fuel blending facilities in Alberta for distribution across North America.

3 Wheat stillage (byproduct of ethanol production) is further processed to produce renewable natural gas and digestate (another byproduct of the facility).

4 Renewable natural gas is produced in anaerobic digesters (oxygen free environment), stored, and transported for use within the local natural gas distribution network.

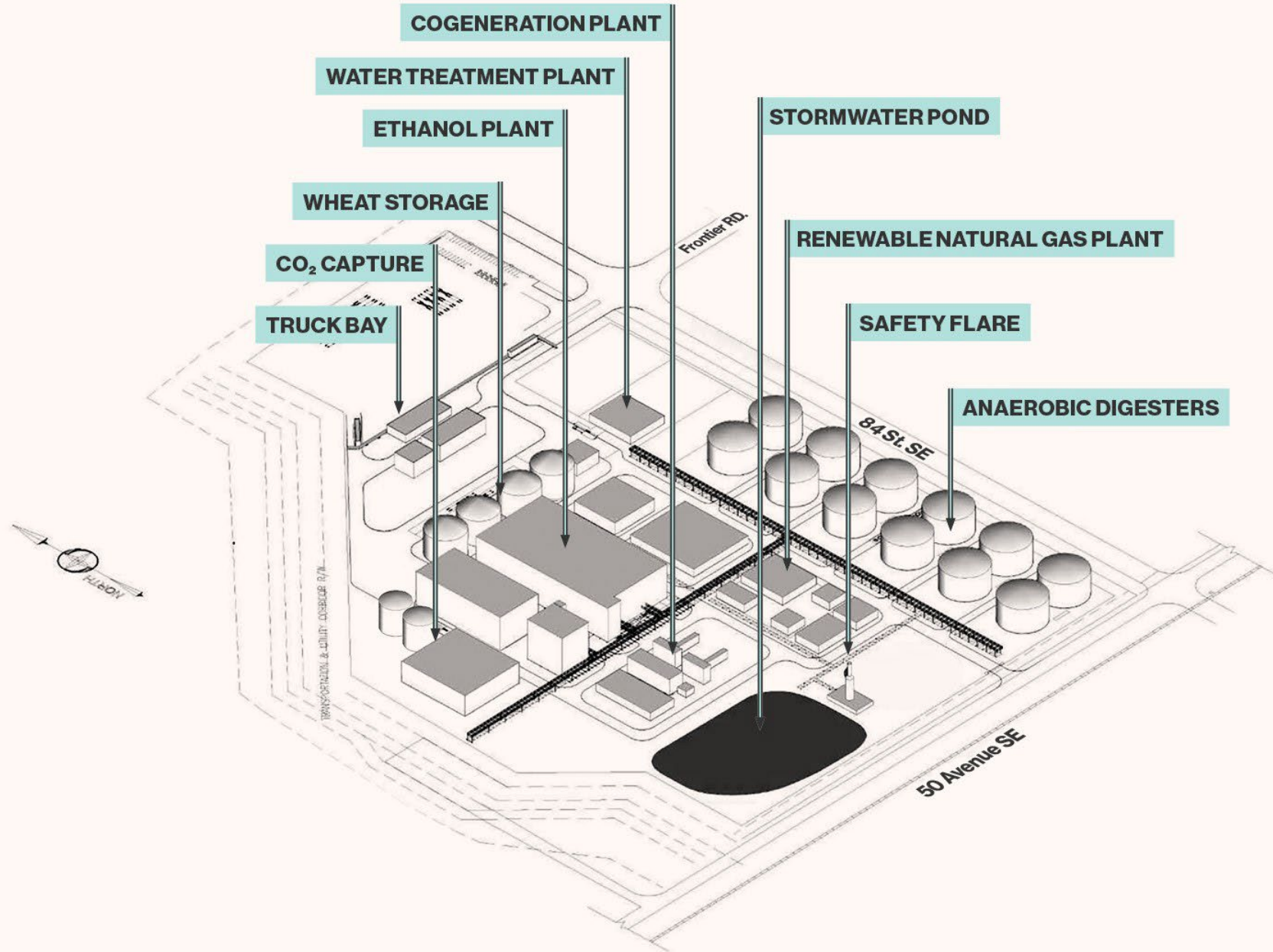
5 Agricultural fertilizer and cattle feed is produced from the digestate (by-product of renewable natural gas process) and sold to agricultural operators.

What will it look like?

20ha (52-acre) site

Access from 84 St. SE

Design still underway



Approval process



City of Calgary



Alberta Environment and Parks



Alberta Utilities Commission



Alberta Energy Regulator (pending
design and approval)

LAND USE APPLICATION PROCESS



Land use application

DEVELOPMENT PERMIT



Development permit

Alberta Environment and Parks

Review potential
environmental impacts

Streamlined agriculture
project

Under *Environment
Protection and
Enhancement Act*

Filing in summer 2022



Environmental work

Heritage resources

Vegetation

Odour evaluation

Noise modelling

Emissions

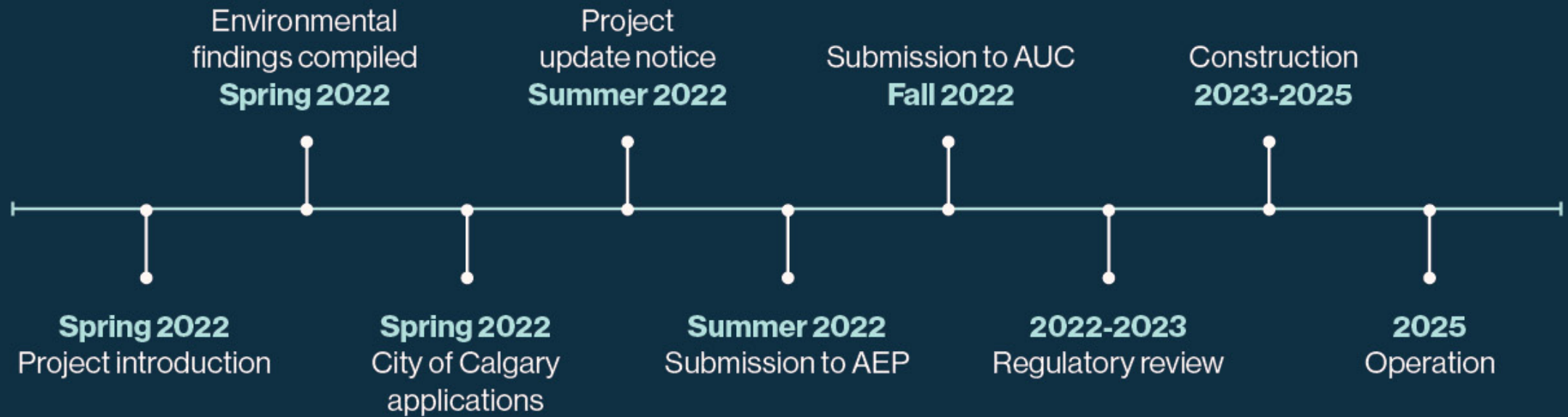
Wildlife

Soils

Wetlands and waterbodies



Timelines



Timelines subject to change

Vendors

1

Email the project
email address or
visit the project
website

2

Sign up for ongoing
project notices

3

Project team will
continue to share
timelines, activities,
and updates

What have we heard so far?



What is being considered for odour from the facility?



Will traffic counts increase?



Why this location?



How loud is the facility?

Next steps



Land use
application
process



Development
permit



Secondary
notice outlining
environmental
results



Team remains
available to
answer
questions

Contact team & links

1-888-881-7788

FutureEnergyPark@maskwaenv.com

<https://www.greenipi.com/portfolio/future-energy-park/>

Alberta Utilities Commission: www.auc.ab.ca

City of Calgary Development Map: <https://dmap.calgary.ca/>