

CITY OF CALGARY  
**RECEIVED**  
IN COUNCIL CHAMBER

JAN 17 2023

ITEM: *6.1.9 Distnb presentation*  
*CPC 2022-1271* 2  
CITY CLERK'S DEPARTMENT

ON BEHALF OF:



**Green Impact  
Partners**



**QuantumPlace®**

**CONSULTING**

**Future Energy Park  
Land Use Redesignation**

**CPC 2022-1271**

**Presentation to City of Calgary Council**

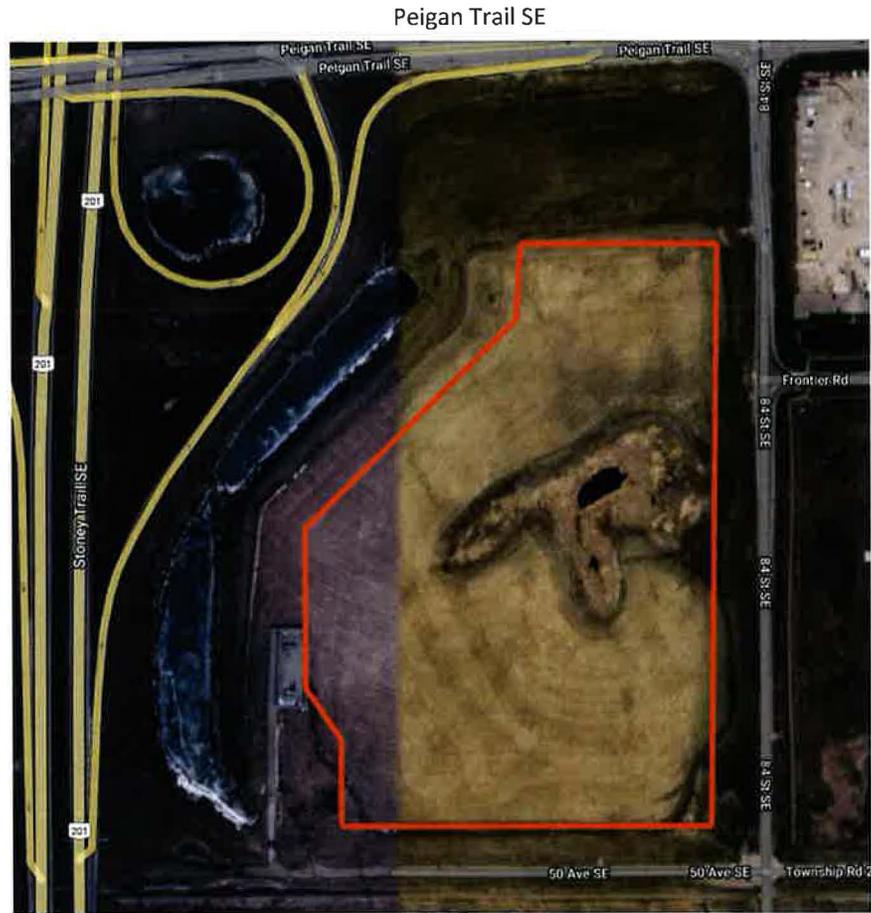
**January 17, 2023**

# Context

## LOCATION



Stoney Trail SE



# Land Use Redesignation

CPC 2022-1271

PROPOSED CHANGE

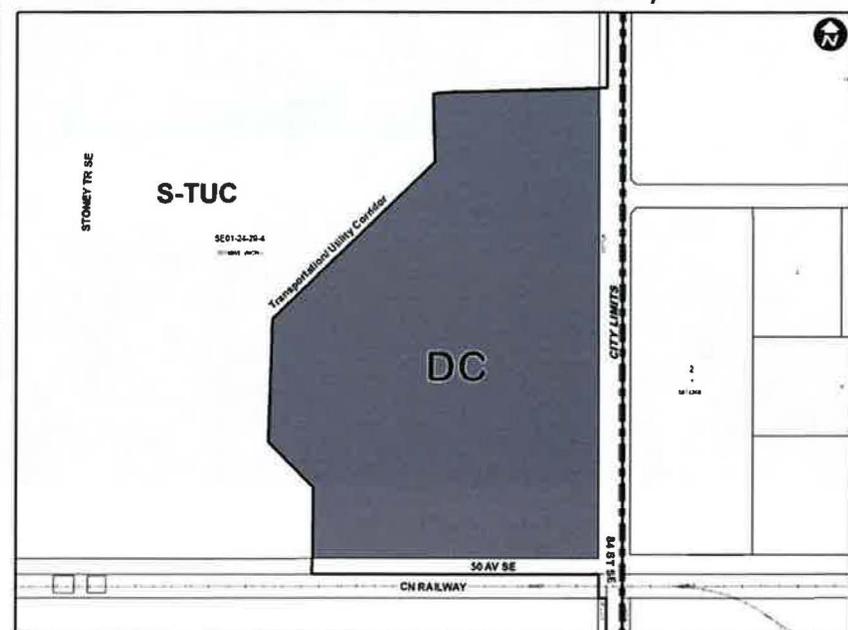
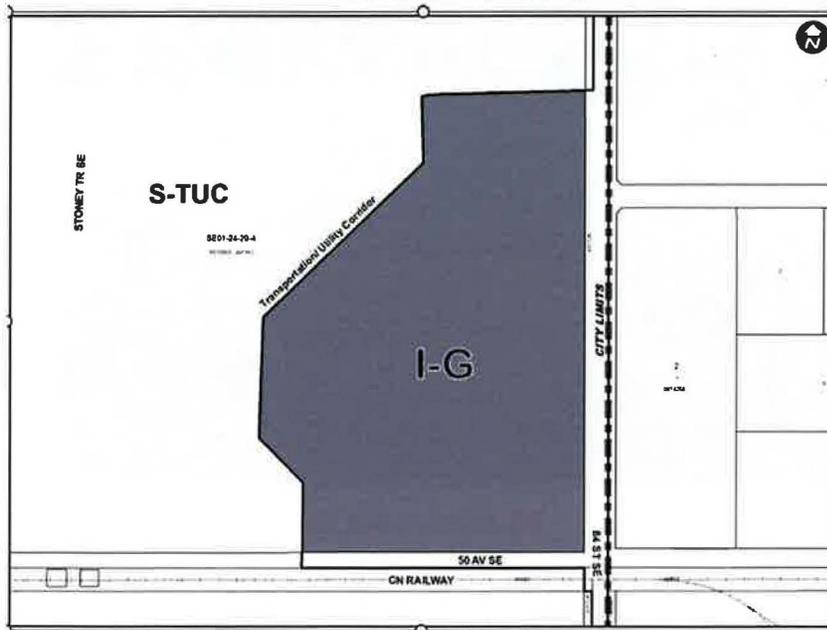


FROM

TO

Industrial - General

DC based on Industrial - Heavy





# Future Energy Park

LOOKING EAST FROM STONEY TRAIL SE



# Future Energy Park

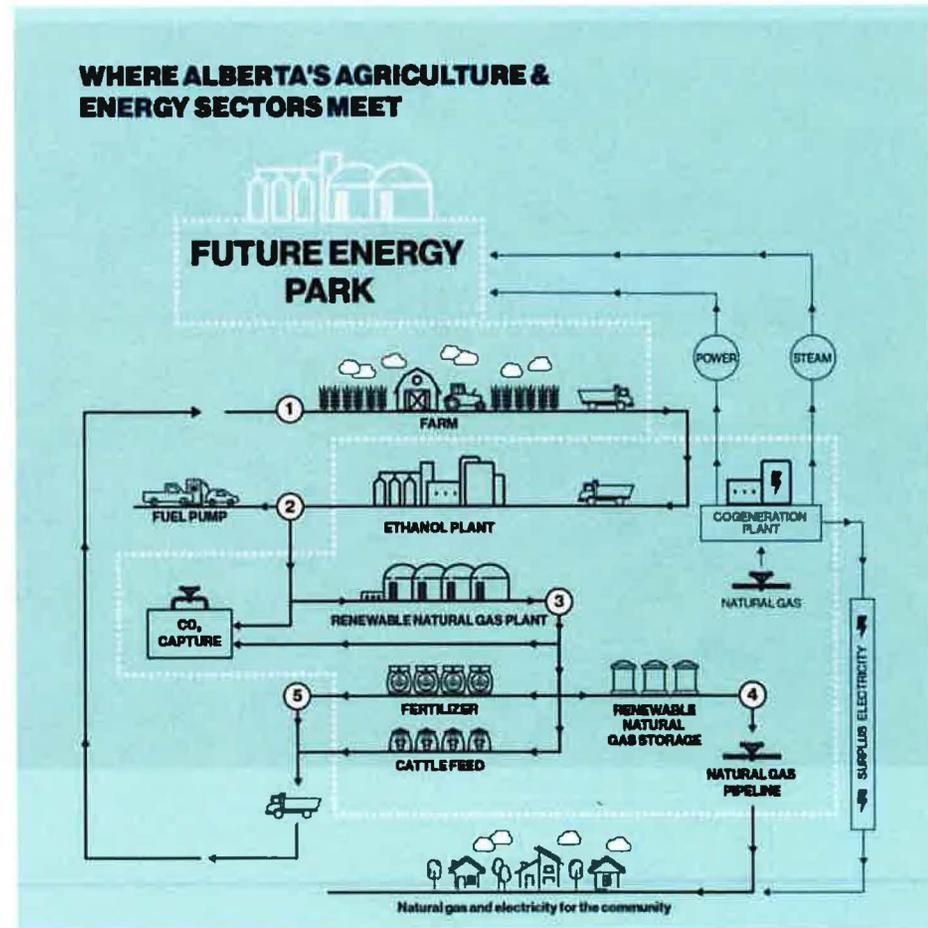
OVERHEAD TOWARDS NE



# Future Energy Park

## PROJECT OVERVIEW

- North America's largest Carbon Negative RNG and Ethanol project
- Innovative clean energy project connecting Alberta's agriculture and energy sectors
- Renewable biofuels facility
- The plant will use non-food grade wheat to produce ethanol and renewable natural gas
- The plant will utilize high efficiency cogeneration technology (approx. 30 MW) to produce steam and electricity for use at the facility
- Biodigester: Stillage will be cleaned and turned into feed for animals
- Carbon Capture Facility



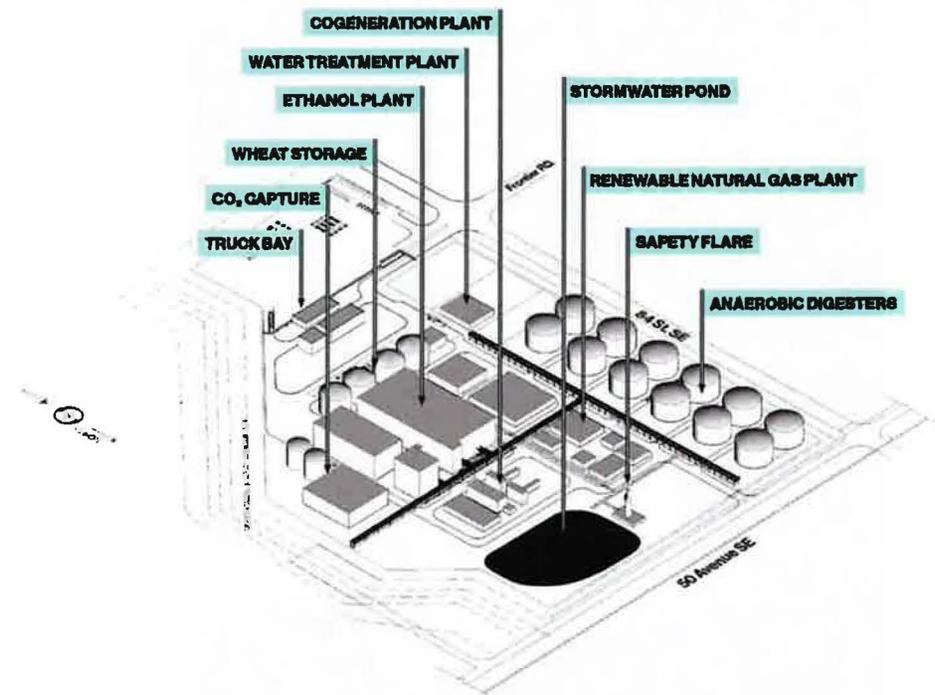


# Project Benefits

## DIRECT BENEFITS TO CITY OF CALGARY AND PROVINCE OF ALBERTA

- Approximately 800 jobs over 24 months during construction and 50 jobs during operations
- Direct revenue of over \$150 million annually to rural wheat producers
- Provincial and municipal tax revenues
- Repurposed by-products including cattle feed and fertilizer

Each year, approximately 11% to 13% of wheat produced in Canada does not meet Grade A Standards, meaning it is not suitable for human consumption. Future Energy Park processes this wheat into renewable biofuels.



# Future Energy Park

## ENGAGEMENT

- Completed a comprehensive Participant Involvement Program
- Utilized several engagement activities (door knocking, site signage, project website and information session to collect feedback)
- Contact zone approximately within 2km of the site

### Contacted:

- Adjacent landowners
- Adjacent commercial tenants
- City of Calgary
- Rocky View County
- Indigenous Communities within Treaty 7
- Feedback received from interested parties wanting a better understanding of the project but mostly vendors interested in providing goods and services for the project

[www.greenipi.com/portfolio/future-energy-park.com](http://www.greenipi.com/portfolio/future-energy-park.com)





# Future Energy Park

## REGULATORY APPROVALS

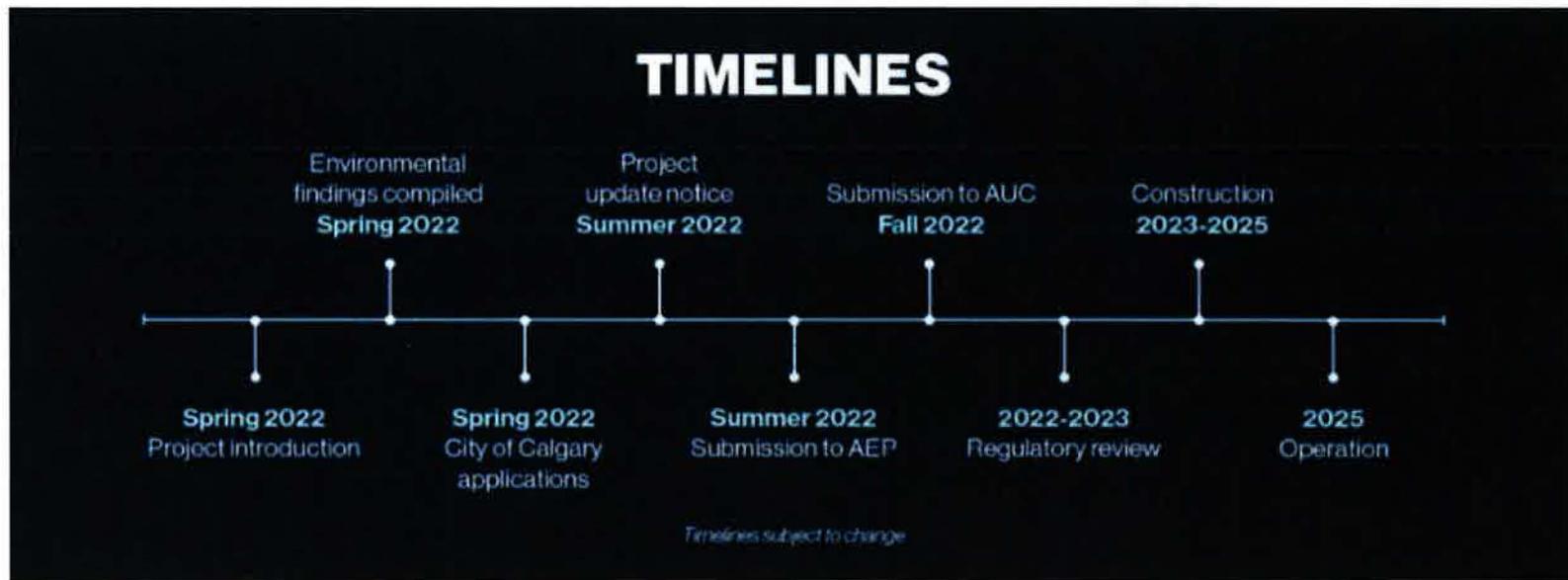
- Industrial Approvals Application has been filed with the Alberta Environment and Protected Areas
- Alberta Utilities Commission application for the cogeneration facility to be filed in Q1 2023
- Alberta Energy Regulator application to be filed in the latter half of 2023 for the ethanol pipeline (approx.: 1 km long)
- There is application for a Development Permit being prepared to be submitted to The City in Q1 2023





# Future Energy Park

## TIMELINES



A large, stylized orange graphic composed of several thick, interconnected lines forming a complex, angular shape. It resembles a stylized letter 'A' or a similar geometric form. The color is a warm, light orange.

**Thank You**

quantumplace.ca  
587.350.5172

1026 16th Ave NW, Suite 203  
Calgary, AB | T2M 0K8

