

Designated Industrial Zone (DIZ) Pilot Project

Life In The Heartland April 20, 2022

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Designated Industrial Zone Project

Work with municipalities to facilitate preapproved industrial zones to streamline regulatory approvals and decision-making.

Key Achievements

Background

The Designated Industrial Zone project taking place in Alberta's Industrial Heartland, supports a Government commitment to work with Municipalities and Industry to enhance regulatory efficiency across the lifecycle of approvals, optimize cluster infrastructure with focus on water access, top-soil management, and electricity transmission within the zone; while achieving environmental outcomes for air and water quality.

Executive Summary

A Governance structure and working groups were set in motion August and November 2020, respectively. More than 40 multi-stakeholder working sessions have been completed. Policy shifts and enabling mechanisms have been identified to achieve the outcomes.

Mechanisms for implementation are in various stages of development in readiness for implementing by September 2022.

Key Insights

Alberta's Industrial Heartland: World scale petrochemical manufacturing with industries strategically co-locating to take advantage of feed stock hubs, cluster infrastructure and to form symbiotic relationships.

Designated Industrial Zone Pilot: Building on strong relationships among industrial, Airshed and Watershed associations provincial and municipal governments and a long history of working towards improved cumulative effects management dating back to 2007.

Industrial Heartland: Designated Industrial Zones



Regulatory Performance

- Critical policy shifts have been identified
- Project implementation Q2 2022

Strategic Consideration

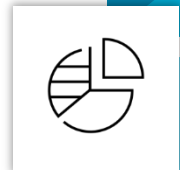
- Align municipal planning and permitting
- Develop a framework that sets criteria for DIZs



Environmental Outcomes

- Feasibility studies are underway to determine if air and water quality objectives can be met under industrial growth scenarios

- Ensure water quality is maintained or improved.
- Ensure air quality is not exceeding CAAQS level 3



Cluster Infrastructure

- Regional water and energy supply, wastewater treatment, and topsoil management studies and policy development are underway

- Enable growth through shared water infrastructure.
- Reduce cost of transit power among facilities in DIZ.

Key Metrics

Industrial Heartland houses more than **40%** of Canada's petrochemical manufacturing.

Potential for future large scale **growth, attraction** of new industry and **expansion** of critical industries.

Existing industry benefits from a **streamlined** renewal process.

Designated Industrial Zone Implementation Plan

March 2021

Criteria and Operational Policies

- DIZ Criteria (minimum requirements)
- EPEA Renewal Requirements
- Applicant Advisory Service
- Topsoil Management Guideline

June 2022

Policies for Clustered Water Infrastructure

- Operational Policy for Zone-Wide Assessment
- Outcomes from Water Systems Feasibility Study
- Water Supply and Distribution Policy
- Capital grant for "regulatory ready" water intake design

Sept 2022

DIZ Directive and Air & Water Policies

- DIZ Directive (Standard Terms and Conditions, Topsoil Clause)
- Air Emission Standards and Requirements (Ops Policy)
- Water Quality Management (Ops Policy)

2022-2023

Planning and Recommendations

- Proceed with program development based on recommendations from feasibility studies and pilot

2023 & Beyond

Regional Efficiencies and Regulatory Changes

- Operationalize DRAS for DIZ applications
- Develop Over the Fence Power Solutions policy
- Capital investments for completing zone-wide assessment and developing air and water quality management programs
- Consolidate multiple regulatory requirements into a single approach for the DIZ

Thank you



