

Summary of Comments on CONNECTEDMONTON - Edmonton's Strategic Plan 2019 - 2028

Page: 16

 Author: liscal Subject: A1.1a Date: 1/11/2021 10:12:49 AM

Goal: Edmonton is a city transitioning to a low-carbon future, has clean air and water and is adapting to a changing climate.

About climate resilience

Climate resilience is about Edmonton's capacity to respond to the impacts of climate change and protect people, businesses and infrastructure from those impacts. On our path to becoming a resilient city, we will work together to address climate challenges and risks, and pursue the opportunities that arise from a changing climate.

Why climate resilience is important for edmonton's future

Action is required by all Edmontonians, businesses and industries to reduce greenhouse gas emissions and preserve and protect a clean environment. Generating and expanding renewable energy and reducing and mitigating climate change is imperative to improve Edmonton's environment now, and for future generations.

 Author: liscal Subject: A3.2 Date: 1/11/2021 10:13:10 AM


Indicator categories for monitoring change and impact to climate resilience

Climate Mitigation

Energy Generation & Use

Air & Water Quality

Climate Change Adaptation

 Author: liscal Subject: A3.2 Date: 1/11/2021 10:14:21 AM

air and water quality

Air Quality

Edmonton region's air quality level

Government of Alberta

Water Quality

Water quality in Edmonton region's major rivers, including the North Saskatchewan River

Government of Alberta

climate change adaptation

Climate Change Adaptation

Percentage of Edmonton neighbourhoods that are resilient to climate change impacts from flooding, temperature, extreme weather and changes to sensitive ecosystems

City of Edmonton

climate

mitigation

Community Greenhouse Gases

Tonnes of greenhouse gas emissions from Edmonton community sources

Stantec Consulting LTD.

energy generation and use

Energy Use

Amount of energy used in Edmonton per capita, including energy for transportation, stationary heat, industrial processes, and electricity

Epcor, ATCO, the federal government's National Inventory Report, the international airport,

and the provincial government.

Renewable Electricity Generation

Percentage of electricity consumed by Edmontonians that is generated from renewable sources in Edmonton

EPCOR