

The City of Saskatoon's Climate Action Plan

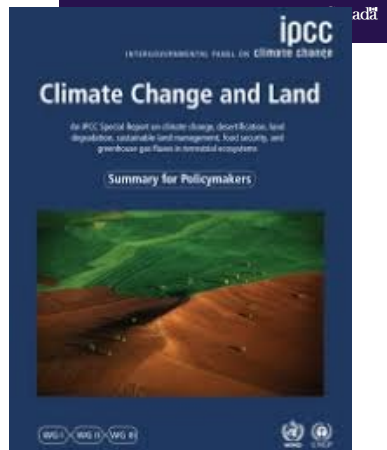
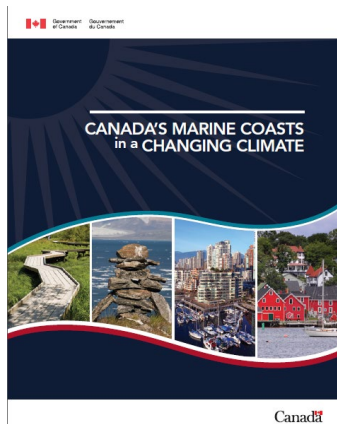
A Focus on Mitigation & Adaptation

Where is climate action coming from?

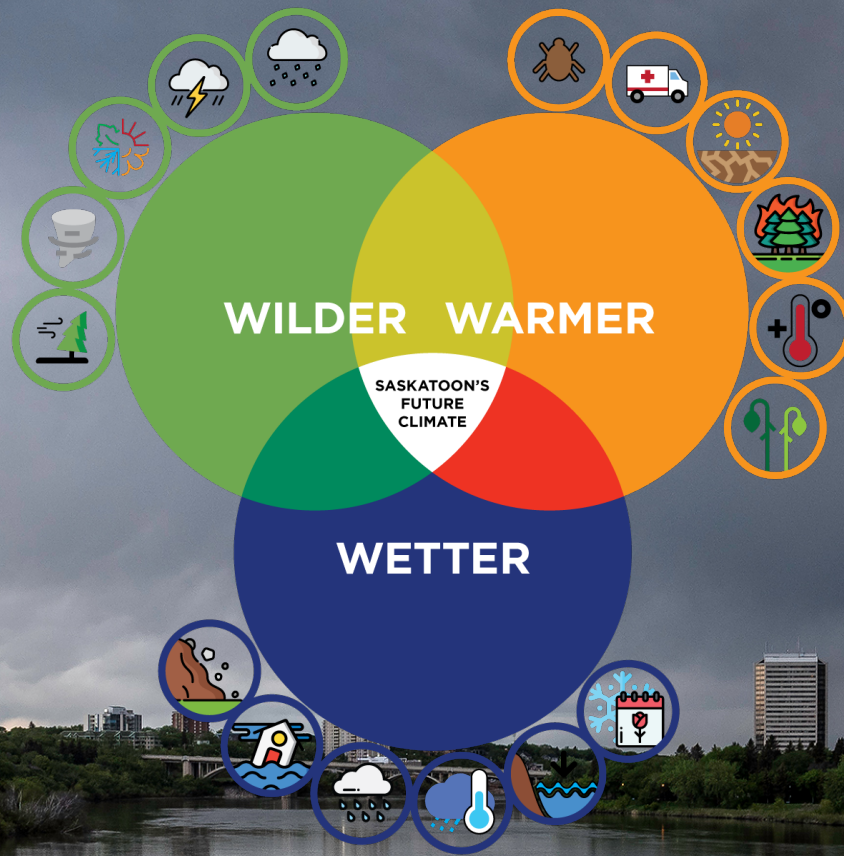


Global Covenant of Mayors for Climate & Energy

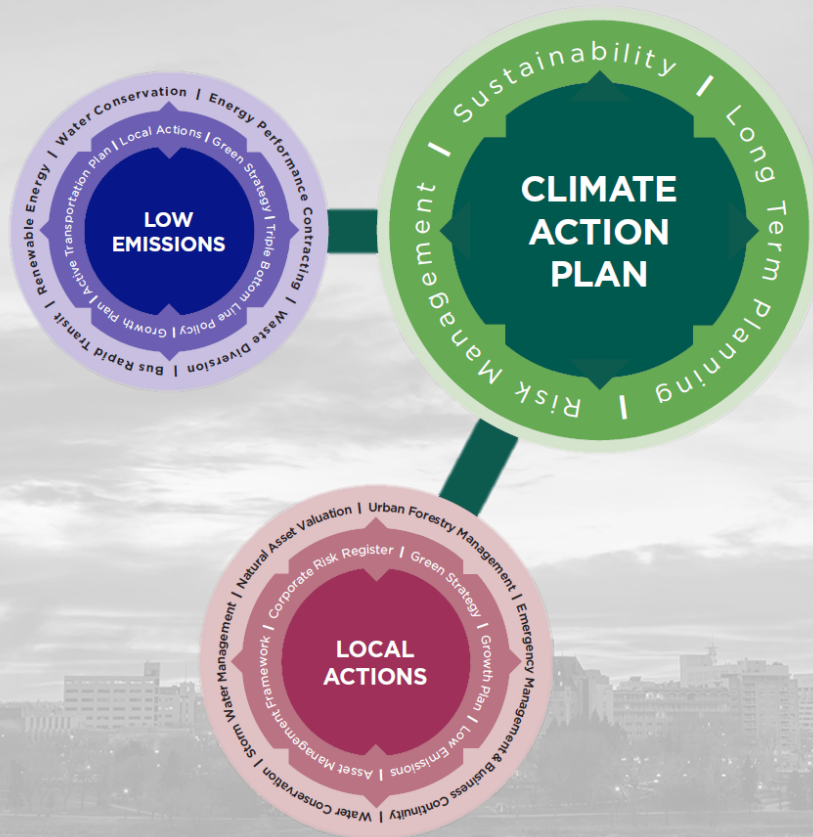
Why climate action a focus now?



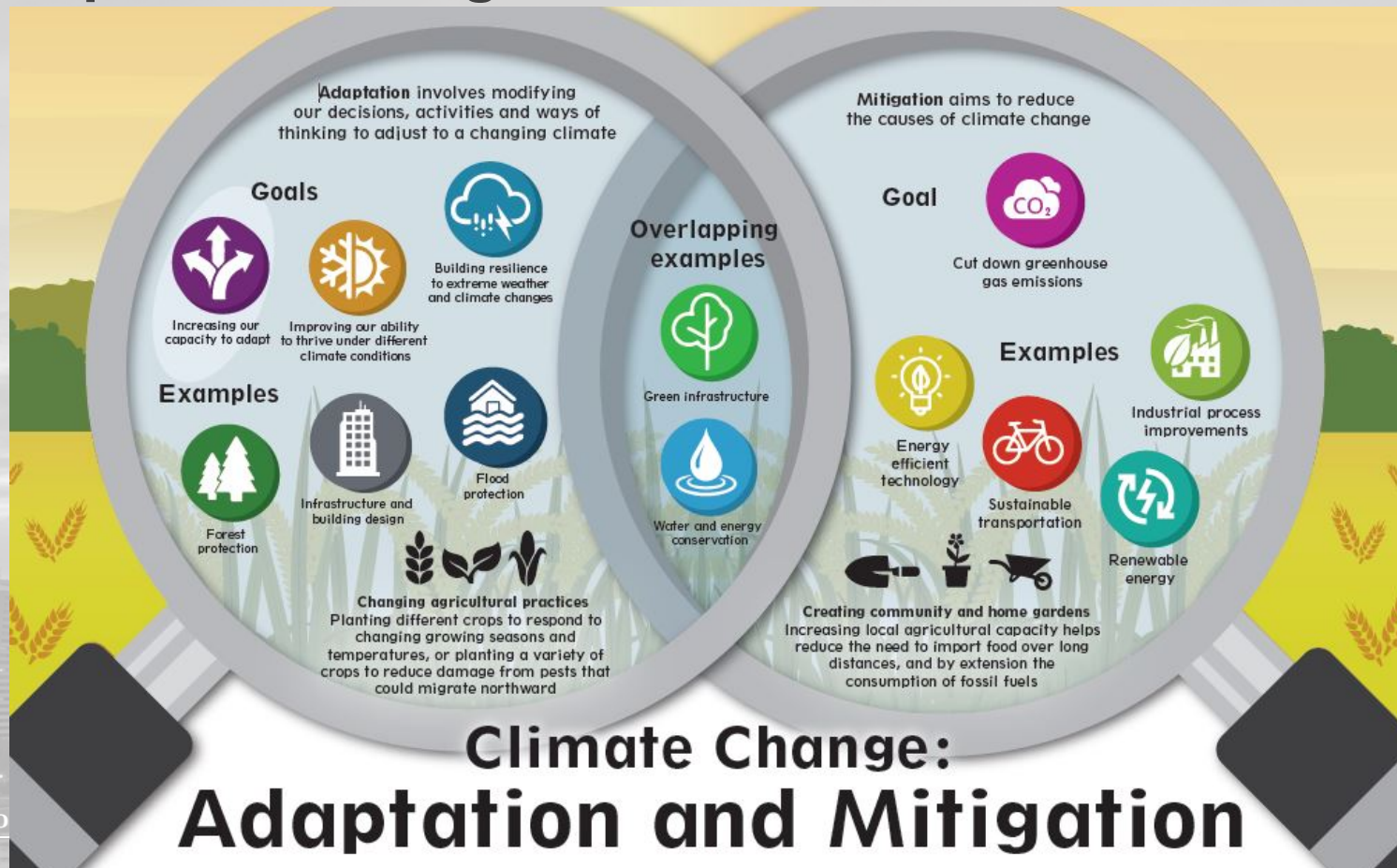
Saskatoon's Future Climate?



What is climate action at the City?



Adaptation & Mitigation



Low Emissions Community Plan

Climate Action Plan

Vision: *Saskatoon is a connected community where every citizen and organization takes pride in prosperous, resilient, and low-carbon solutions to realize a clean and healthy city.*

Mission: *Our Mission is to enable a sustainable Saskatoon through an integrated and actionable climate change approach.*

40 Low Emissions Community Actions



Buildings & Energy Efficiency

16 Actions



Transportation

7 Actions



Waste Management

1 Action



Water Conservation

2 Actions



Land Use

2 Actions

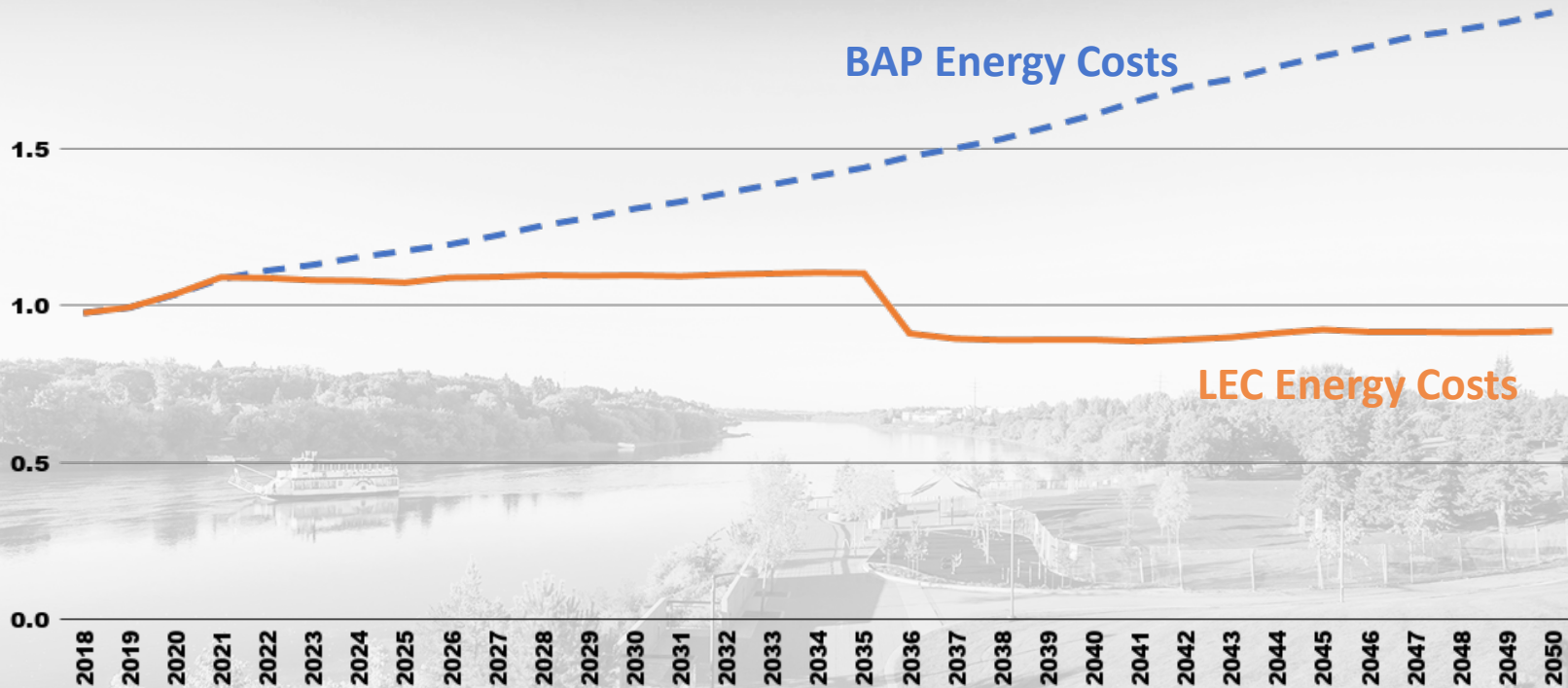


Energy Generation

12 Actions

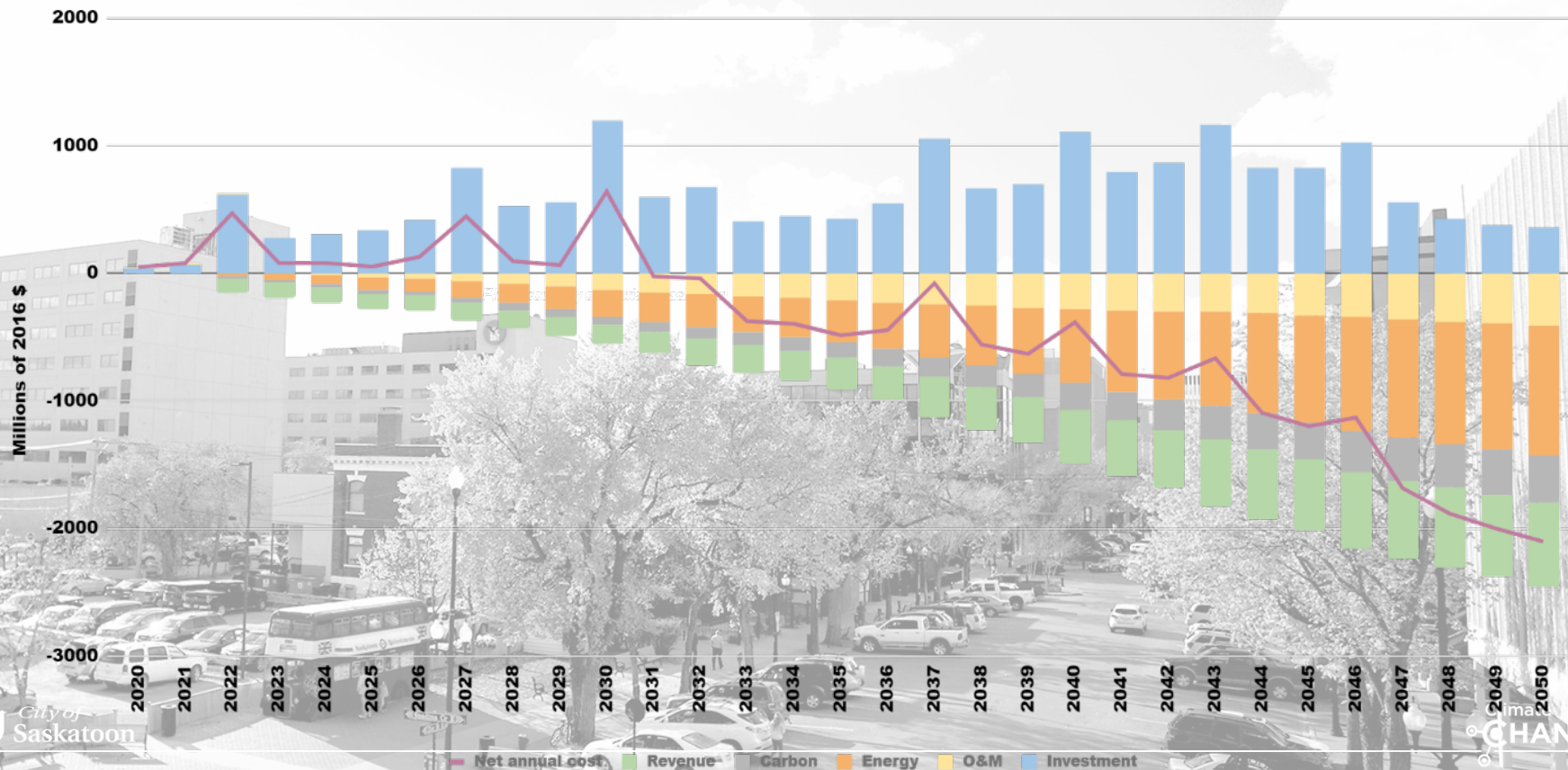
Why a Low Emissions Community?

Annual energy expenditures, (billions of 2016\$)



Can we afford low emissions, or can we afford not to?

Year-Over-Year Low-carbon Scenario Investment and Returns



Why a Low Emissions Community?



- **Saves money** as our expenses are reduced and there are new sources of revenue for residents, business and the municipality
- Our **health** is improved
- New jobs are created, strengthening and **diversifying our economy**
- Improved **equity and quality of life** for citizens

Consequences of Delay:

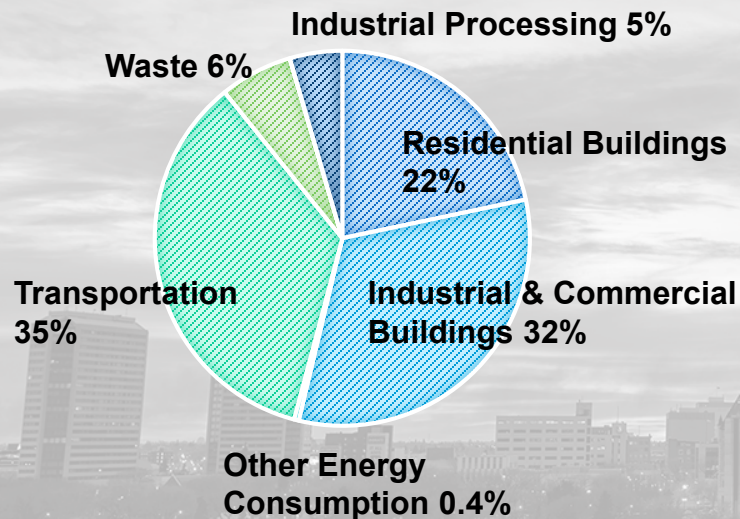
- Emissions reductions are likely to be more costly and drastic in the future
- Economic, health and social benefits are delayed or not realized

Our Current Performance

Community

2014 – 3,850,000 tonnes CO₂e

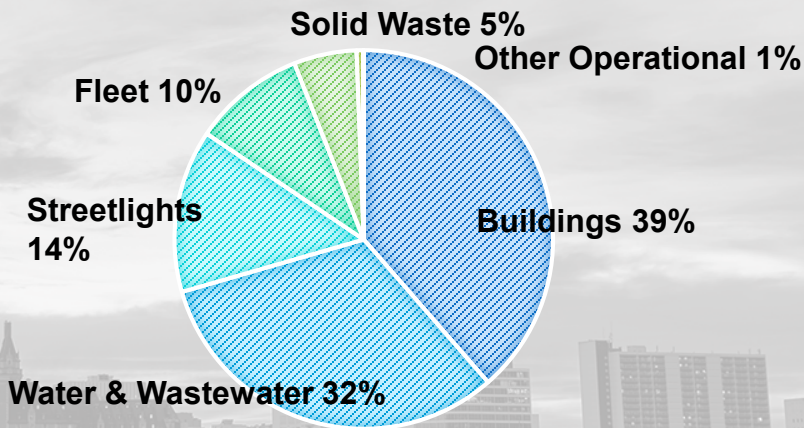
2017 – 3,710,000 tonnes CO₂e



Corporation

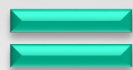
2014 – 106,000 tonnes CO₂e

2017 – 108,000 tonnes CO₂e



Our Current Performance

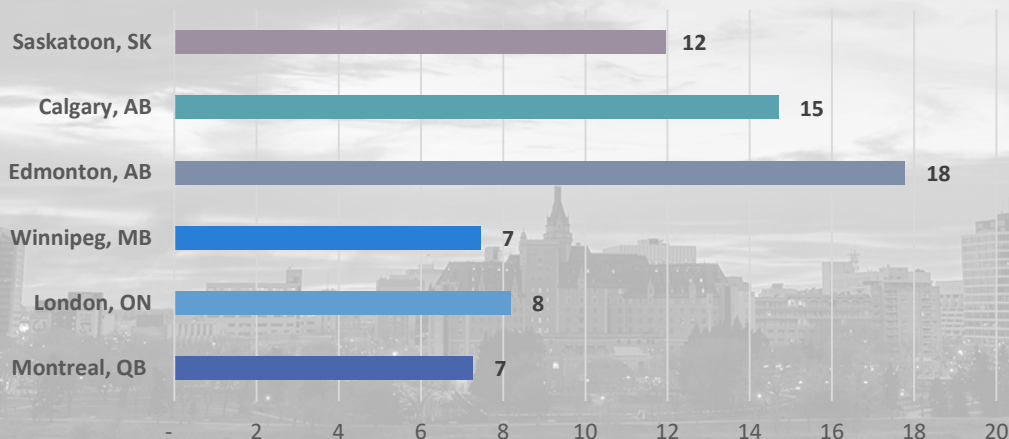
3.7 Million tCO₂e
in 2017



715,000



Municipal Tonnes of Emissions per capita



Total emissions



THE 40 ACTIONS ROADMAP

Actions in Progress – Waste

What	Status
Residential Recycling for all Single and Multi Family households	These programs have been in place since 2013 and 2014 respectively
Curbside Organics for Residential Single-Family Households	Planned to start in 2023
Mandatory Organics and Recycling for Businesses, Organizations, and Institutions (including schools)	Engaging on options that will go to City Council for approval in early 2022. Implementation will take 1-3 years
Organics and recycling in all Civic facilities	If funding approved, implementation will begin in 2020
Circular Procurement Policy for the City	Planning phases ongoing
Plastic waste reduction policy for all sectors	No current work, expectation that there will be leadership from Federal and Provincial Governments
Recovery Park for extra diversion at the Landfill	Decisions and approvals needed on the scope of the project before construction can begin



Actions in Progress – Active & Public Transit



What	Status
Saskatoon Transit Electric Bus Pilot	Pilot project to run from 2020-2021.
Expansion of Transit through Bus Rapid Transit Project	Federal funding received in 2022. Construction for network started in 2022. Approval for different bus routes to be obtained from 2023-2025.
Active Transportation Plan Implementation	Planning for network is ongoing. Includes a city-wide cycling network, sidewalk projects, education programming and policy development.

Actions in Progress – Buildings & Energy



What	Who it relates to	Status
Energy Performance Contracting	Civic buildings	Goal to retrofit 85% of city buildings lighting by 2026 and 100% by 2051.
LED Streetlight Replacements	Saskatoon Light & Power (All City Streetlights)	Replace 17,800 streetlights by end of 2022
St. Paul's Hospital Combined Heat and Power Project	Saskatchewan Health Region, Saskatoon Light & Power	Planning in 2020, Construction in 2021-2022
Landfill Gas Capture Facility	Saskatoon Landfill	Expansion plans in progress

● Status of the LEC Plan Now

- City council approved the request to continue working on the plan, with the caveat that more targeted engagement take place on August 26, 2019
- Targeted engagement was done in the month of September and a report on the results of that engagement were provided to Council October 21, 2019.
- Request for Funding for some key enabling programs and projects included in this report
- City Council Budget Deliberations take place Nov 25th-27th

What can I do?

Climate Change was not caused by one person and addressing it requires the efforts of all of us.

- 1. Talk to your councilor or local government*
- 2. Lead by example*
- 3. Be an ally for action*

For more information go to:
www.saskatoon.ca/climatechange
or reach out to the Sustainability
division at:
climatechange@saskatoon.ca