Winnipeg Climate Action Plan 2024 Annual Report

June 9, 2025

Winnipeg

Climate Policy Direction

OurWinnipeg 2045

- The City's development plan adopted in 2022
- Climate Action Target:
  - Meet and exceed greenhouse gas emission reduction target of 20% by 2030
  - **Net zero by 2050**

Community Energy Investment Roadmap (CEIR)

- Evidence-based Roadmap to achieve the GHG emissions target of net-zero by 2050

A Whole City Approach

- Senior Management Team Climate Steering Committee (SMTCSC) created three action teams and a core working group to advance climate action
- Environmental clauses and specifications from the Social Value Menu were piloted to track the impact of the environmental questionnaires
- Through the Housing Acceleration Fund (HAF) Capital Grant Incentive, $25 million was awarded to support affordable housing projects and projects in Downtown Winnipeg
- Council approved amendments to both the Winnipeg Zoning By-law (200/2006) and Downtown Zoning By-law (100/2004)

Green Buildings

- Green Building Policy for New City-Owned Buildings and Major Additions update in progress, Building Emissions Reduction Strategy developed for existing City buildings
- Energy efficiency targets and carbon reduction requirements from CEIR applied and monitored through design process for South Winnipeg Recreation Campus, Winnipeg North Transit Garage and the East of the Red Recplex

Zero Emission Transportation

- Fort Rouge Garage facility modifications to service and repair battery electric and hydrogen fuel cell busses
- City Electric Vehicle Charging Stations started fee structure to encourage turnover and increase access

Local Renewable Energy

- Council approved exemption from development permit process for solar photovoltaic (PV) systems mounted on buildings and ground installations
- Draft report detailing the preliminary design and class three cost estimate for a proposed grid-tied microgrid at the Brandon Garage

Sustainable Waste Management

- 15 drop-off stations to divert residential food waste from landfill
- Multi-family Waste Diversion promotion and education launched in collaboration with Winnipeg Libraries

Resilience

- The Winnipeg Comprehensive Urban Forestry Strategy focused efforts on accelerated public tree replacement and pruning cycle targets
- Poverty Reduction Strategy completed its first year of implementation, with eight hydration stations installed to increase access to clean water during the summer season
- Public engagement on Winnipeg Clean Air Spaces, including a clear air exercise and key stakeholder workshop
- City contributed $455,000 toward various community-based initiatives on nature-based solutions and strategic land use

2024 Corporate GHG Inventory

Emissions

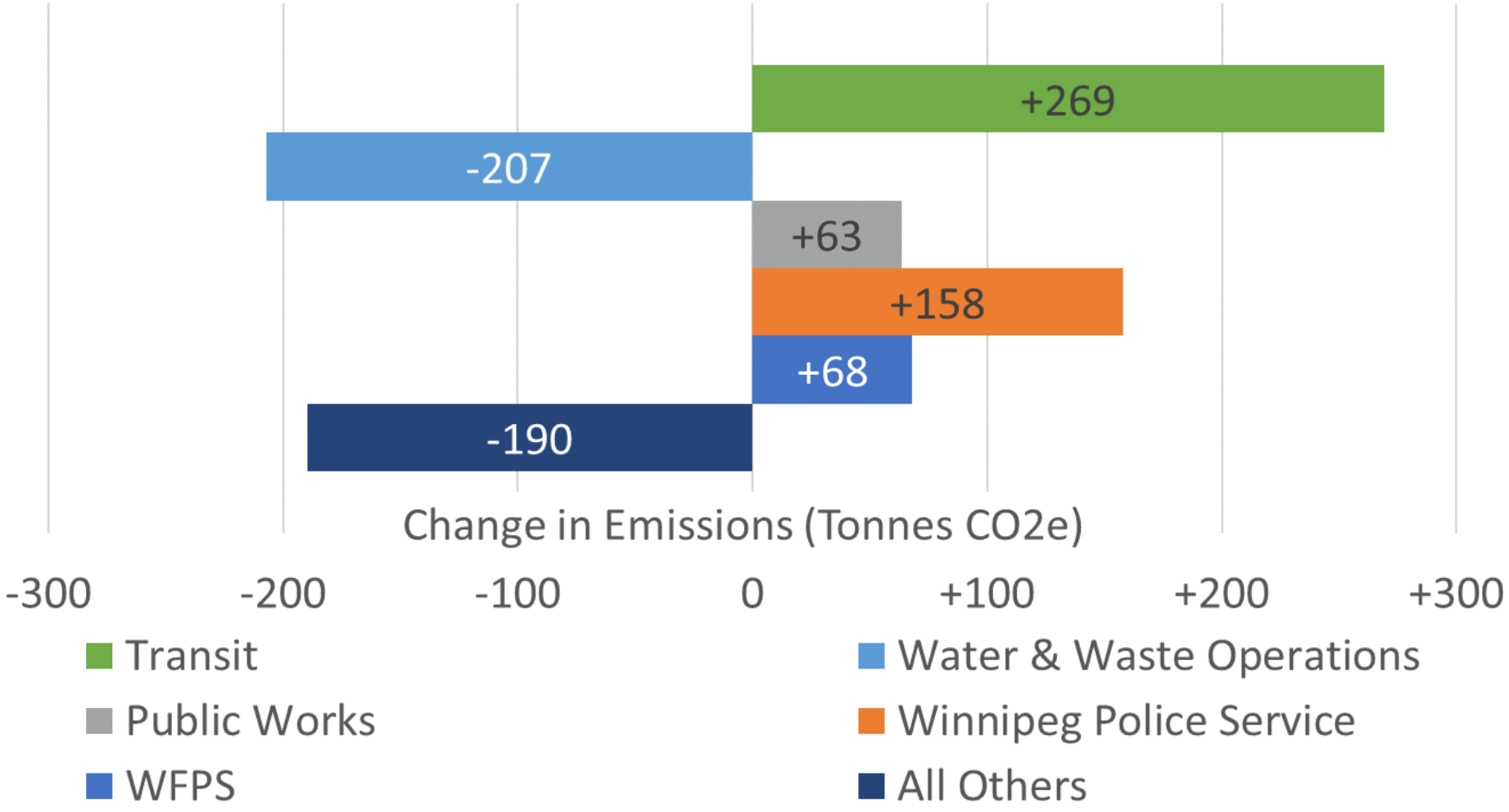
- 319,811 tonnes of CO_2e (+4% increase from 2023)
- Decreases in Buildings sector
- Increases in Water & Wastewater sector, Corporate Waste
- Changes linked to weather (warmer winter, more precipitation), waste landfilled

2024 Corporate GHG Inventory

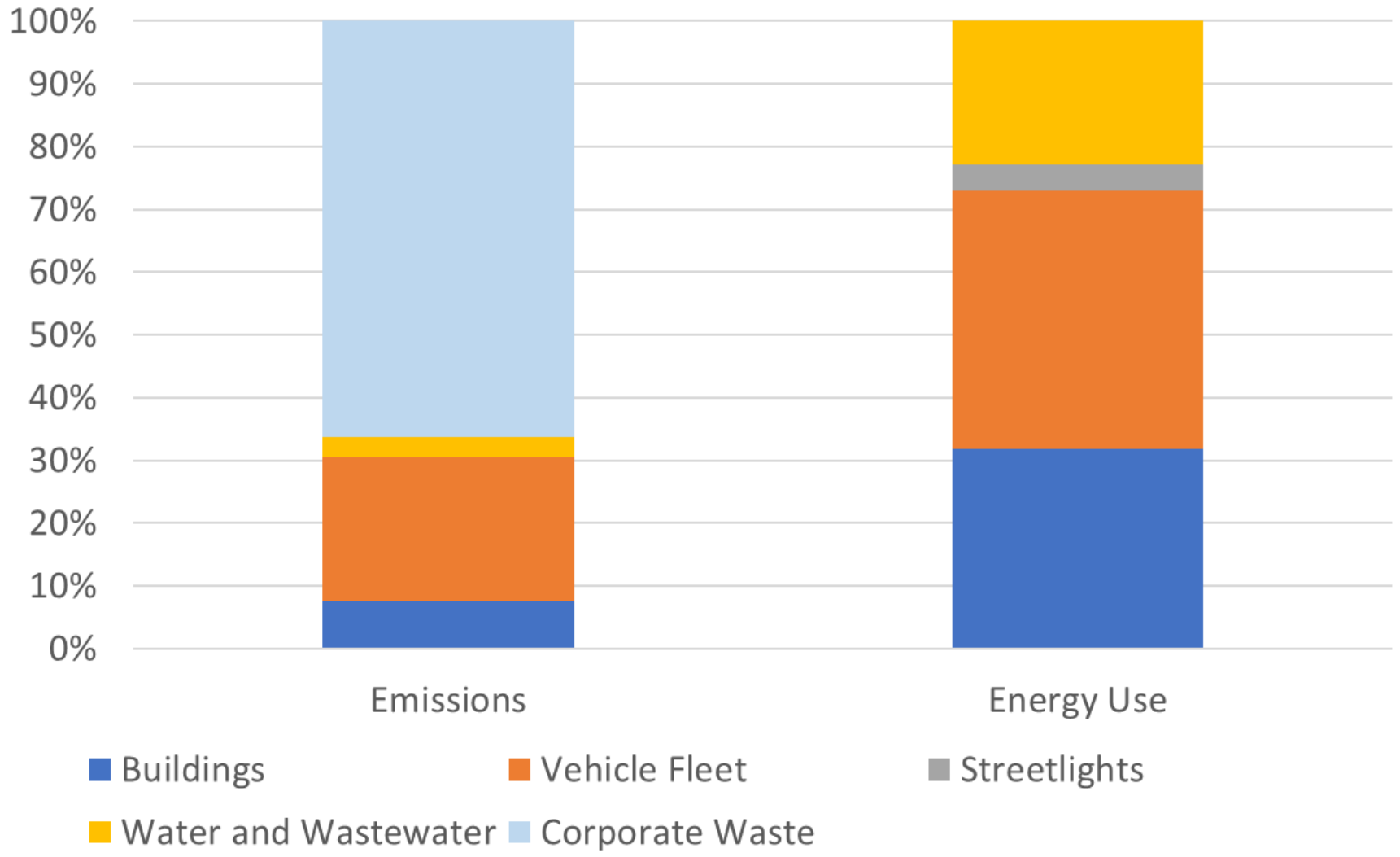
Energy Use

- 2,632,593 GJ energy
    - -0.6% decrease from 2023
- Decrease in Buildings sector
- Increase in Water & Wastewater sector
- Changes linked to weather (warmer winter, more precipitation)

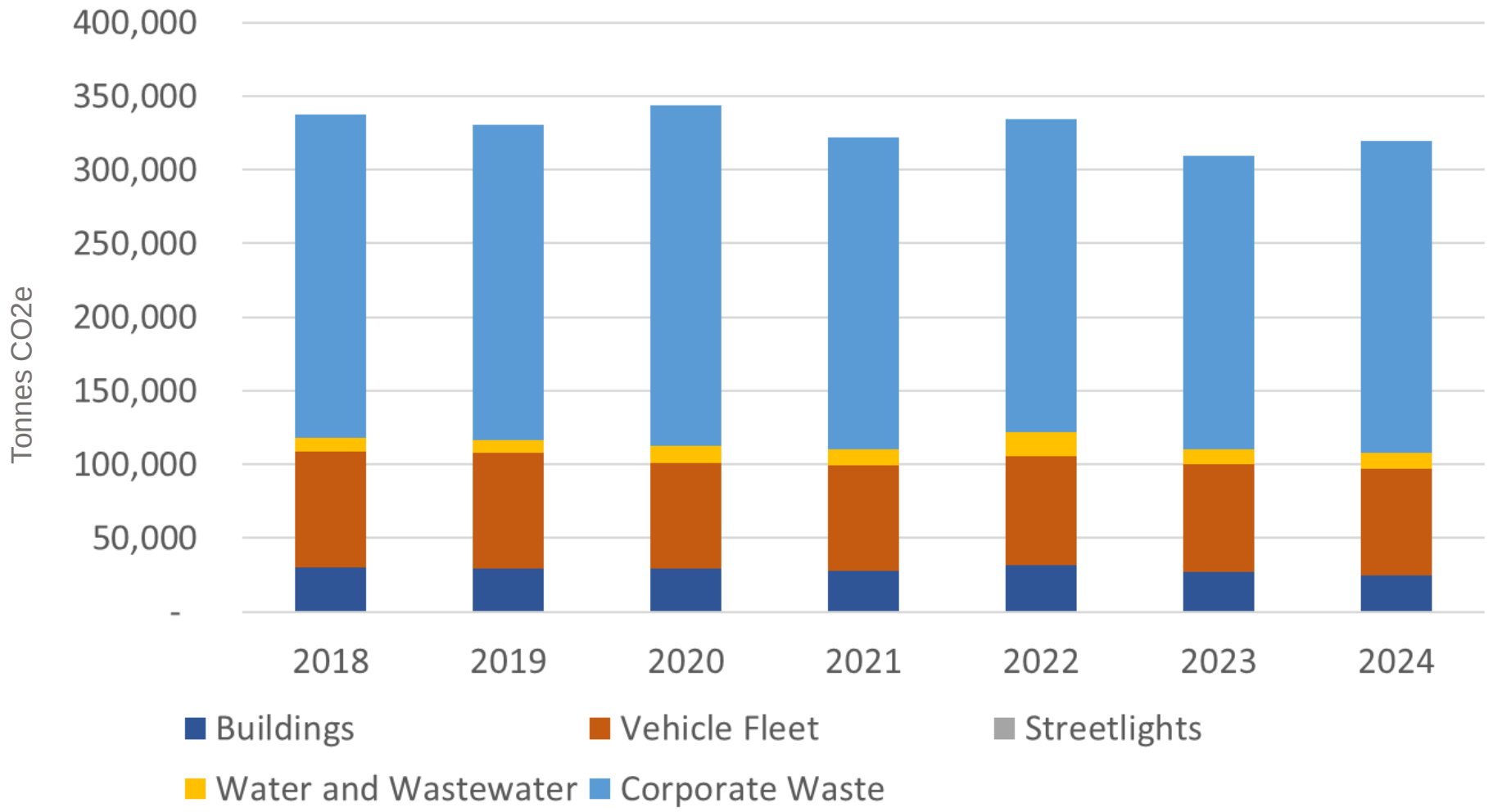
Changes in Fleet emissions by Department



Sector Contributions to Energy Use and Emissions

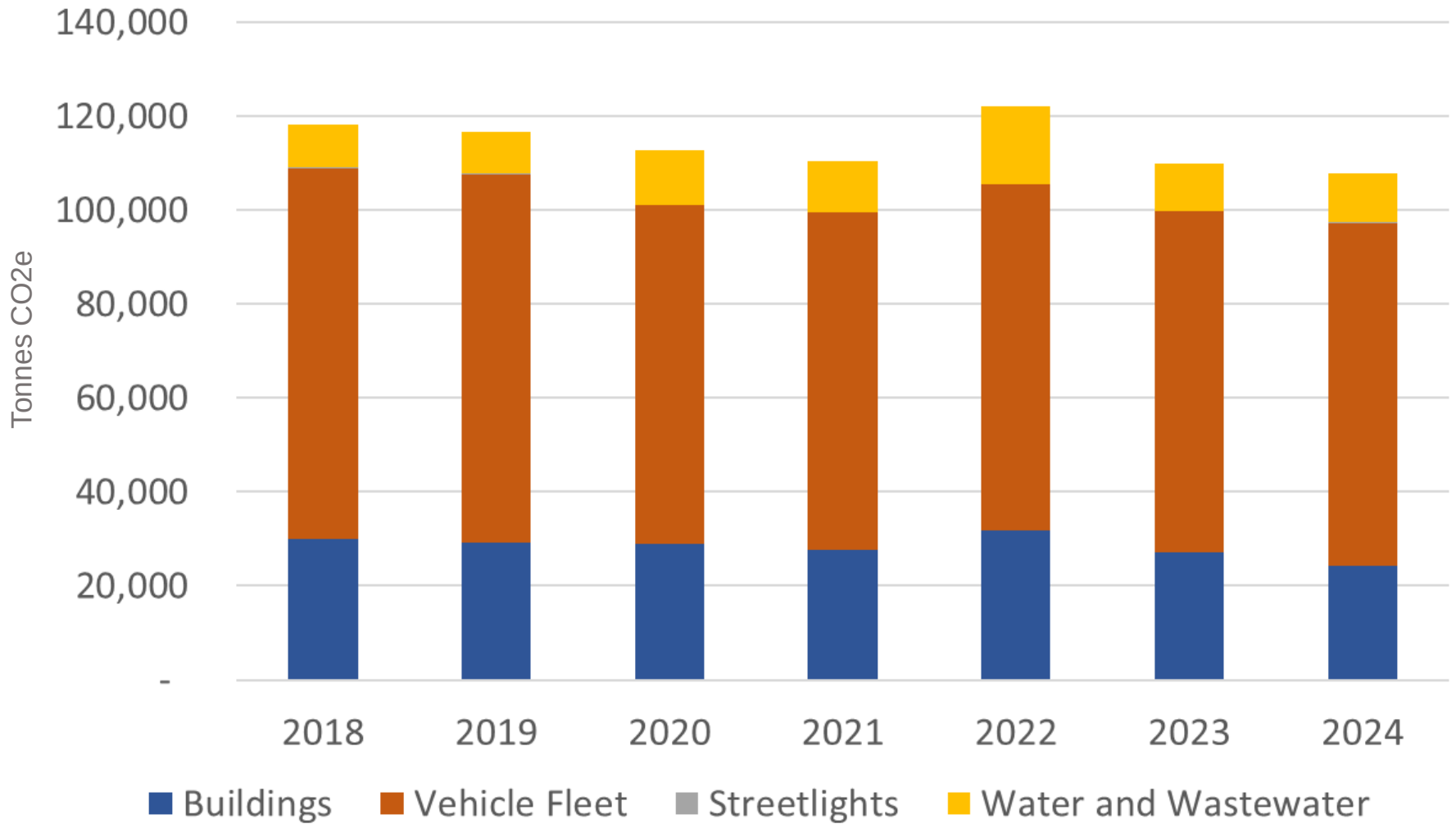


Corporate GHG Emissions by Sector

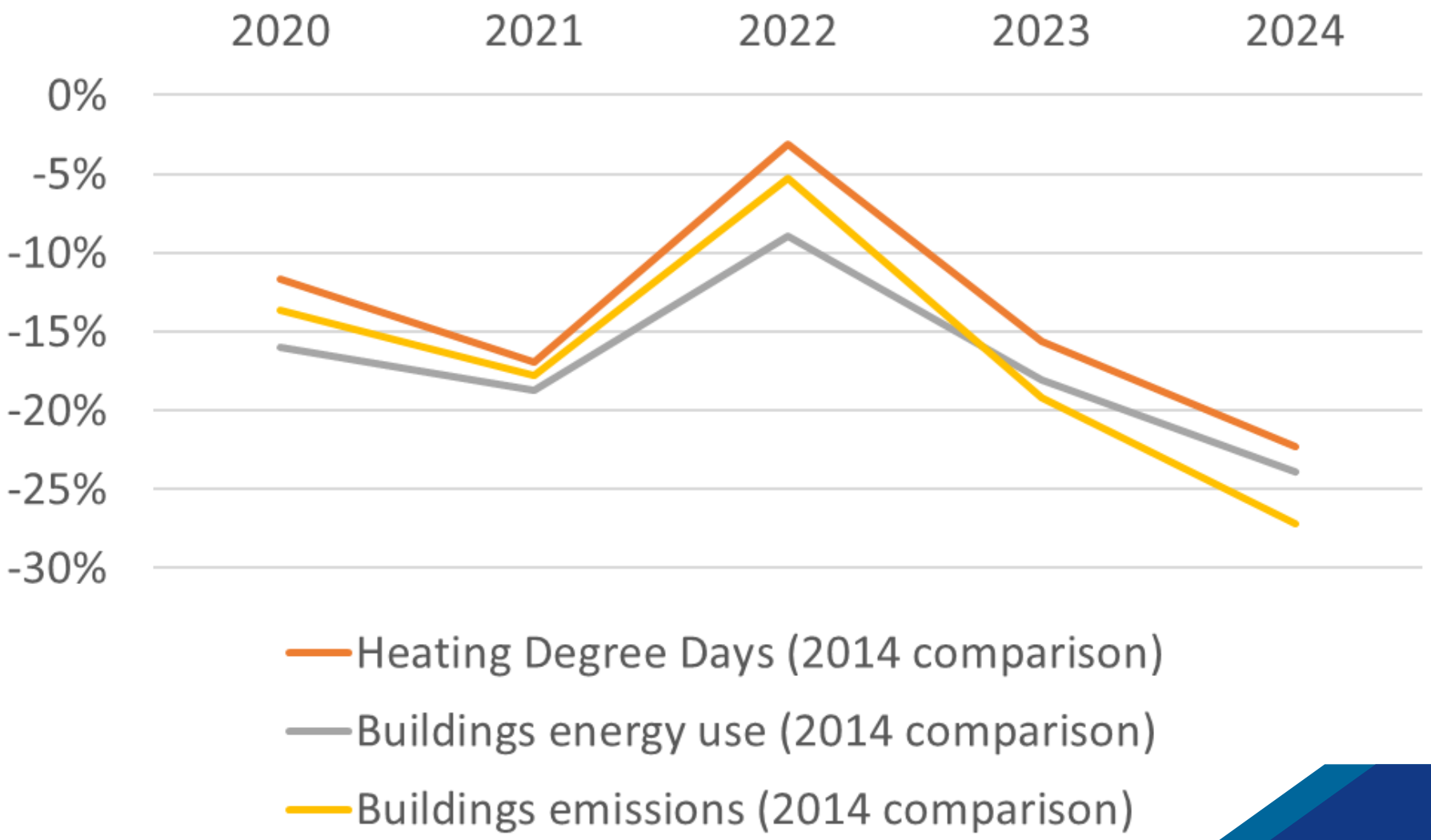


Operations GHG Emissions by Sector

Not Including Solid Waste



Impact of Heating Load on Buildings



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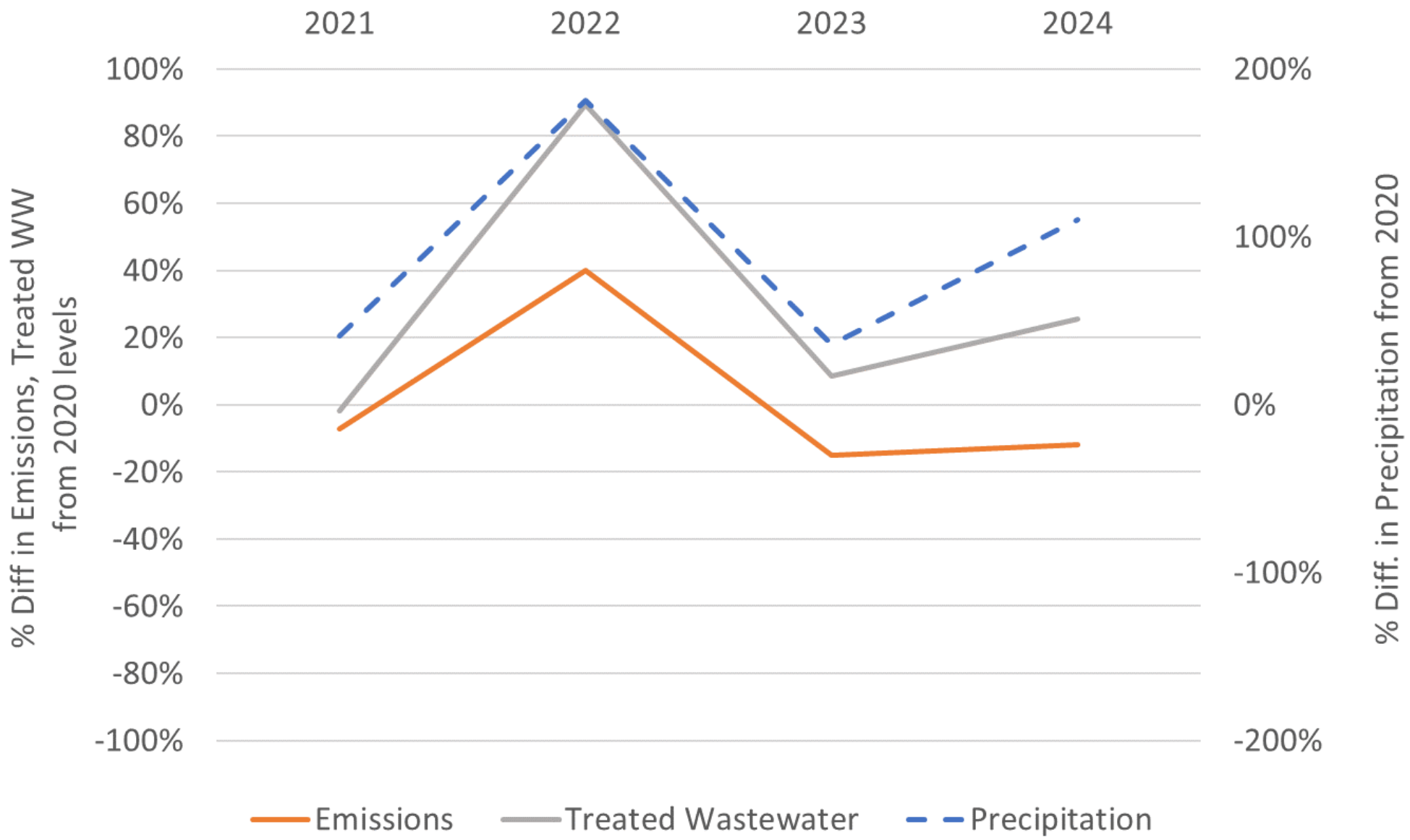
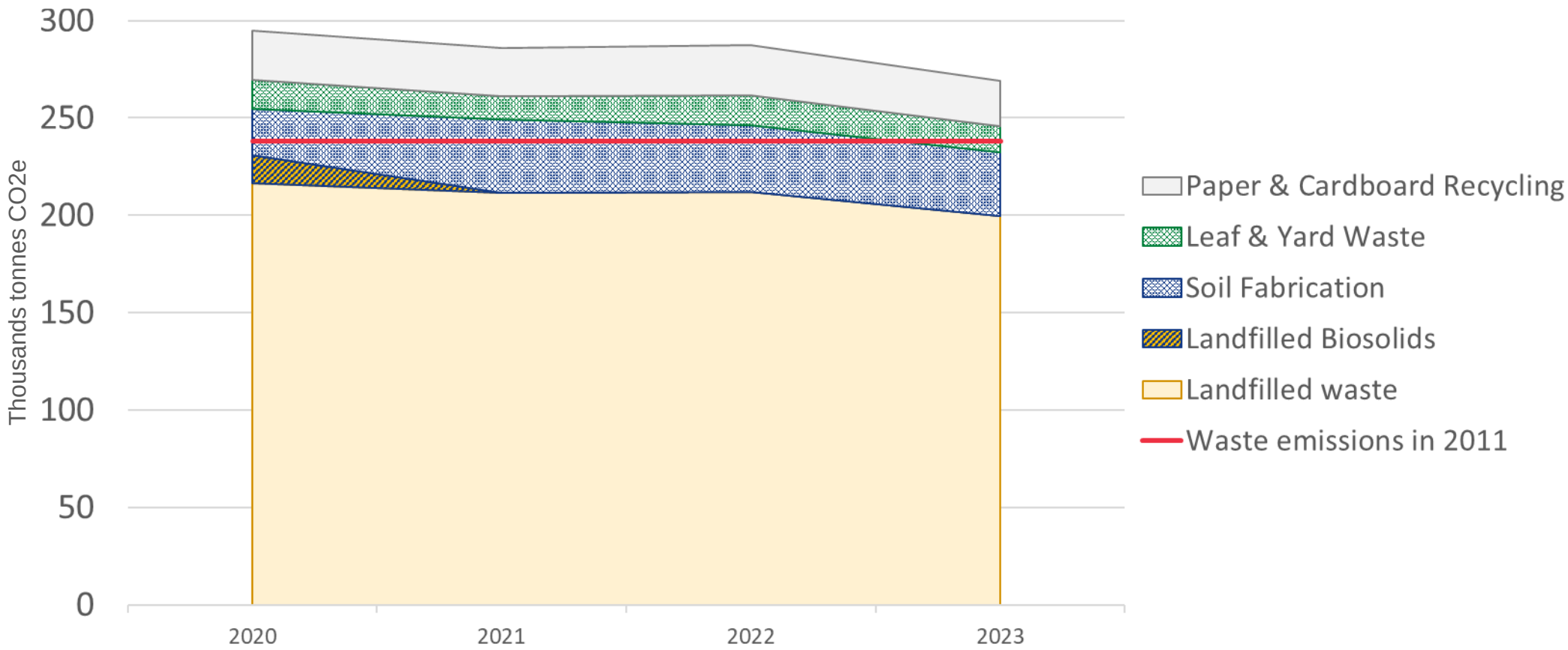
Impact of Precipitation on Wastewater



Waste and Diverted Stream Emissions



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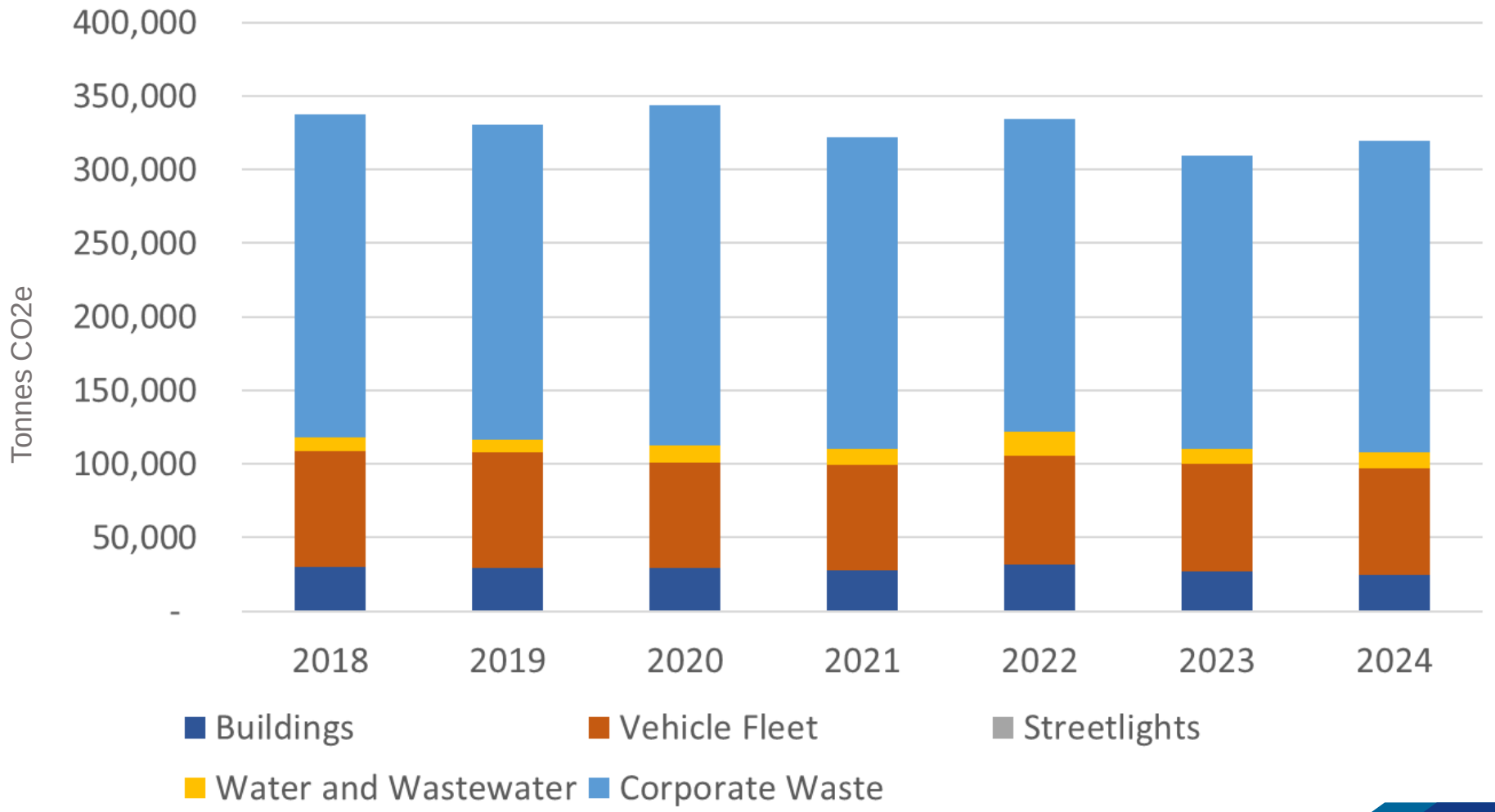

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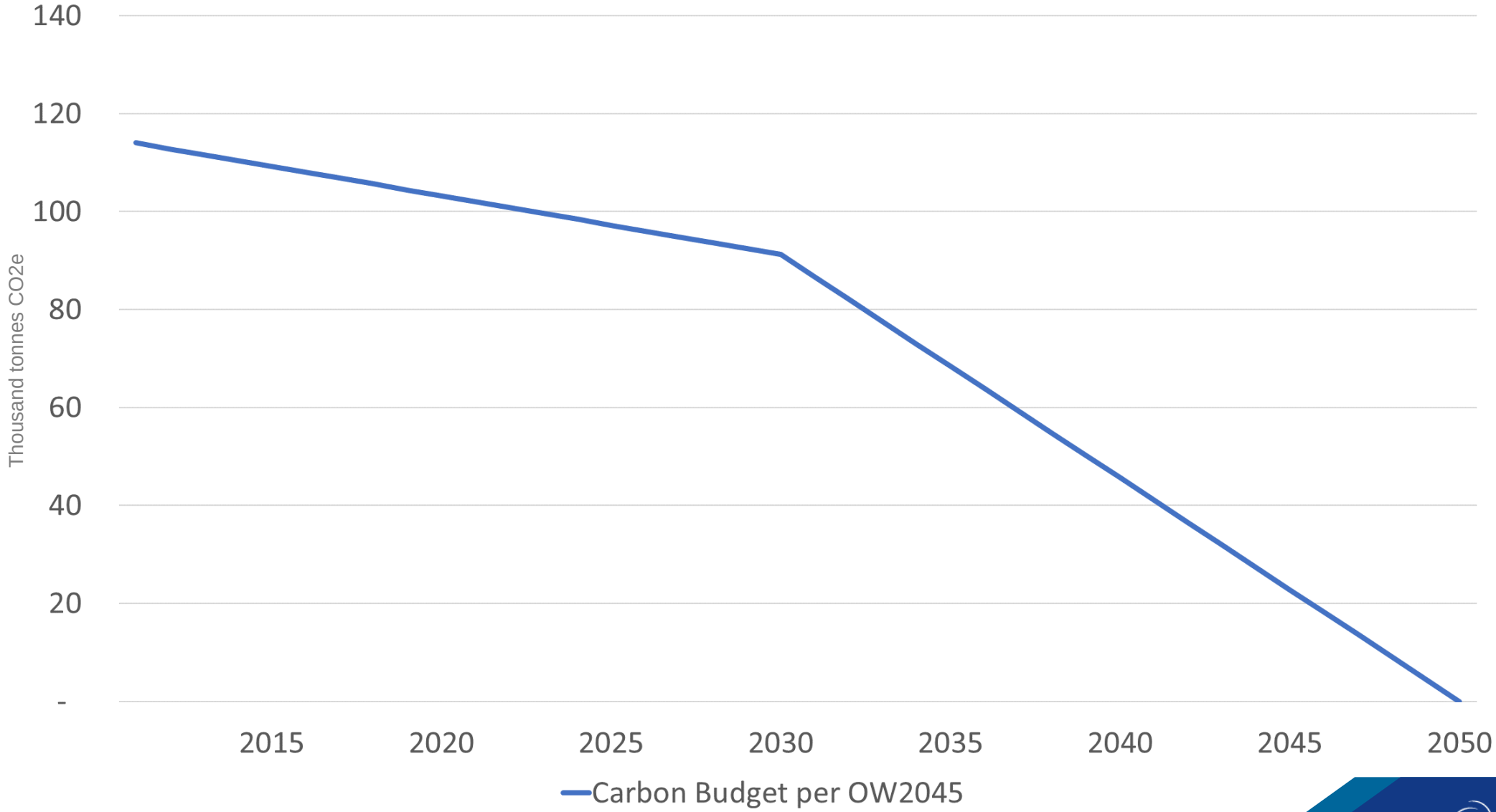
A Carbon Budget for the City of Winnipeg



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