

LAUDERDALE CITY COUNCIL MEETING AGENDA 7:00 P.M. TUESDAY, JUNE 23, 2026 LAUDERDALE CITY HALL, 1891 WALNUT STREET
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The City Council is meeting as a legislative body to conduct the business of the City according to Robert's Rules of Order and the Standing Rules of Order and Business of the City Council. Unless so ordered by the Mayor, citizen participation is limited to the times indicated and always within the prescribed rules of conduct for public input at meetings.

1. CALL TO ORDER

2. ROLL CALL

3. APPROVALS

- a. Agenda
- b. Minutes of June 9, 2026, City Council Meeting
- c. Claims Totaling \$28,601.62

4. CONSENT

5. SPECIAL ORDER OF BUSINESS/RECOGNITIONS/PROCLAMATIONS

6. INFORMATIONAL PRESENTATIONS / REPORTS

- a. Presentation by District 10 Metropolitan Council Member Peter Lindstrom
- b. Day in the Park Update – July 9

7. PUBLIC HEARINGS

Public hearings are conducted so that the public affected by a proposal may have input into the decision. During hearings all affected residents will be given an opportunity to speak pursuant to the Robert's Rules of Order and the standing rules of order and business of the City Council.

8. DISCUSSION / ACTION ITEM

- a. Review Draft Climate Action Plan

9. ITEMS REMOVED FROM THE CONSENT AGENDA

10. ADDITIONAL ITEMS

11. SET AGENDAS FOR UPCOMING MEETINGS

- a. May Financial Reports
- b. Revisions to Sewer Utility Ordinance
- c. Revisions to Storm Water Ordinances
- d. 2027 Budget and Goals

12. WORK SESSION

- a. Staff Project Updates
- b. Opportunity for the Public to Address the City Council

Any member of the public may speak at this time on any item not on the agenda. In consideration for the public attending the meeting, this portion of the meeting will be limited to fifteen (15) minutes. Individuals are requested to limit their comments to three (3) minutes or less. If the majority of the Council determines that additional time on a specific issue is warranted, then discussion on that issue shall be continued at the end of the agenda. Before addressing the City Council, members of the public are asked to step up to the microphone, give their name, address, and state the subject to be discussed. All remarks shall be addressed to the Council as a whole and not to any member thereof. No person other than members of the Council and the person having the floor shall be permitted to enter any discussion without permission of the presiding officer.

Your participation, as prescribed by the Robert's Rules of Order and the standing rules of order and business of the City Council, is welcomed and your cooperation is greatly appreciated.

13. **ADJOURNMENT**

You are invited to a Zoom webinar!

When: Jun 23, 2026 07:00 PM Central Time (US and Canada)

Topic: June 23, 2026 Lauderdale City Council Webinar

Join from PC, Mac, iPad, or Android:

<https://us02web.zoom.us/j/85771263113?pwd=YoqrxAJX2hArZIfC8TZfy6yW4h1OCa.1>

Webinar ID: 857 7126 3113

Passcode: 966630

Join via audio:

+1 305 224 1968 US

+1 309 205 3325 US

+1 312 626 6799 US (Chicago)

+1 646 558 8656 US (New York)

+1 646 931 3860 US

+1 301 715 8592 US (Washington DC)

+1 360 209 5623 US

+1 386 347 5053 US

+1 507 473 4847 US

+1 564 217 2000 US

+1 669 444 9171 US

+1 669 900 9128 US (San Jose)

+1 689 278 1000 US

+1 719 359 4580 US

+1 253 205 0468 US

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

International numbers available: <https://us02web.zoom.us/j/kcZRZdnx35>

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Lauderdale City Hall
1891 Walnut Street
Lauderdale, MN 55113

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June 9, 2026

Call to Order

Mayor Gaasch called the Regular City Council meeting to order at 7:05 p.m.

Roll Call

Councilors present: Jeff Dains, Sharon Kelly, Evan Sayre, Duane Pulford, and Mayor Mary Gaasch. Councilors absent: None.

Staff present: Heather Butkowski, City Administrator; Jim Bownik, Assistant to the City Administrator; and Miles Cline, Deputy City Clerk.

Approvals

Mayor Gaasch asked if there were any additions to the meeting agenda. Butkowski stated that there were claims added to the packet and distributed prior to the meeting. There being nothing else, Councilor Dains moved and seconded by Councilor Pulford to approve the agenda as amended. Motion carried unanimously.

Mayor Gaasch asked if there were corrections to the minutes of the May 26, 2026, City Council meeting. There being none, Councilor Kelly moved and seconded by Councilor Dains to approve the May 26, 2026, City Council meeting minutes. Motion carried unanimously.

Mayor Gaasch asked if there were any questions on the claims. There being none, Councilor Sayre moved and seconded by Councilor Pulford to approve the claims totaling \$153,892.01. Motion carried unanimously.

Special Order of Business/Recognitions/Proclamations

A. Recognize Deputy Clerk Miles Cline on 10-Year Anniversary with the City

Mayor Gaasch presented Cline with a 10-year anniversary plaque and read the contents of the statement of recognition aloud.

Informational Presentations/Reports

A. Annual Report by Ramsey County Commissioner Mary Jo McGuire and Ramsey County Manager Ling Becker

Commissioner McGuire approached the Council to present the annual Ramsey County report. She also fielded questions from the Council.

B. Day in the Park

Assistant to the City Administrator Bownik gave an update on the food, games, music, and events that will take place at Lauderdale's annual Day in the Park event. The event will take place on Thursday, July 9 from 5:00 – 8:00 p.m. at Lauderdale Community Park.

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Lauderdale, MN 55113

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Public Hearings

A. Ordinance No. 26-01 Creating Title 9, Chapter 3 of the Code of Ordinances Regarding Plumbing Permit Administration, Plan Review, and Inspections

Rum River Construction Consultants (RRCC), the City's contracted building official, now has the capacity to perform commercial plan reviews for plumbing. When a city does not offer that service, the reviews are performed by the State via the Department of Labor and Industry.

The benefit to the City and property owners is that RRCC will perform the plumbing plan reviews in days instead of weeks. Getting this in place was motivated by the Bolger Printing project the Council approved recently. The state queue for the plumbing review for their project was a minimum of 12 weeks or essentially the entire construction season. This will also benefit Lauderdale BP once their project is approved and awaiting permits.

Implementation of the change requires four votes. The first is the adoption of the following ordinance that RRCC drafted and the city attorney reviewed. It is ready for adoption after a public hearing. Second is the adoption of the resolution allowing publication by title and summary. Third, the City's contract with RRCC needs to be updated to reflect the plumbing permit plan reviews. Finally, the adoption of a resolution that will be remitted with the application to the State to complete the transfer of authority for plumbing plan reviews.

Mayor Gaasch opened the floor to those interested in addressing the Council on this topic at 7:53 p.m. There being nobody interested in speaking, Mayor Gaasch closed the floor at 7:54 p.m.

Councilor Pulford made a motion to adopt Ordinance No. 26-01, creating Title 9, Chapter 3 of the Code of Ordinances titled Plumbing Permit Administration, Plan Review, and Inspections. This was seconded by Councilor Dains and carried unanimously.

B. Resolution No. 060926A – Approving Summary Publication of Ordinance No. 26-01

Councilor Sayre made a motion to adopt Resolution No. 060926A - Approving Summary Publication of Ordinance No. 26-01. This was seconded by Councilor Kelly and carried unanimously.

Discussion/Action Item

A. Professional Services Agreement with Rum River Ventures, LLC DBA Rum River Consultants

Butkowski explained the City's contract with Rum River Construction Consultants (RRCC) needs to be updated to reflect the plumbing permit plan review delegation. The most notable difference between the existing contract and the new one is the change in permit shared revenue. Previously, the City received 30 percent of permit revenue to cover in-house administrative costs. All RRCC's other contracts were negotiated at 80 percent, and they want to bring

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Lauderdale's into alignment. While unfortunate, the change reflects the automation that their new software does in decreasing City staff's workload. Another offset will be the shared revenue on commercial plumbing permit plan reviews.

Councilor Kelly made a motion to adopt the agreement after the final revisions are agreed to by the City Attorney. This was seconded by Councilor Dains and carried unanimously.

B. Resolution No. 060926B – Approving a Minnesota Department of Labor and Industry Plumbing Plan Agreement

The resolution will be remitted with the application to the State to complete the transfer of authority for plumbing plan reviews.

Councilor Dains made a motion to adopt Resolution No. 060926B - Approving a Minnesota Department of Labor and Industry Plumbing Plan Review Agreement. This was seconded by Councilor Sayre and carried unanimously.

C. Video Recording in City Parks

Butkowski said that a couple of years ago, the City installed cameras at City Hall and the Public Works Building (PWB). These cameras were installed through our contract with Metro-Inet using our existing internet service. The purpose was to primarily address on-going issues of theft and illegal dumping at the PWB.

Staff have been discussing whether there is a need for cameras at Community Park and Skyview Park. Community Park has been a place of illegal dumping and more recently the damage to the Warming House from the fire in the portable toilet. Skyview Park has fared relatively well with just the occasional portable toilet tipping incidents.

Staff didn't bring the issue to the Council sooner because we didn't have a cost-effective solution. To add Community Park to our existing video system would cost around \$2,000 up front per camera, \$1,300 annually, and \$250 per month. This seemed too steep to take on when budgets were tight.

Staff have been exploring the option of using cellular, solar-powered cameras through vendors like T-Mobile and Verizon. T-Mobile has an option that would be \$230.00 up front per camera and about \$20 a month per camera for cellular connection. The cloud storage service for up to five cameras is \$6.99 per month. That puts the cost at ~ \$100 per month for four cameras.

Butkowski asked the Council whether this was something the Council want staff to arrange for. Staff believe a need exists. The question was whether it would be worth the cost and whether

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there are any concerns over privacy. The Parks are public spaces, and video surveils everyone, so that may not be an issue.

Councilor Kelly made a motion directing city staff to install a security camera system in City parks. This was seconded by Councilor Pulford and carried unanimously.

Set Agenda for Next Meeting

Butkowski stated that the next meeting may include the May financial reports, revisions to the sewer utility ordinance, revisions to the storm water ordinances, and a presentation by District 10 Metropolitan Council Member Peter Lindstrom.

Work Session

A. Staff Project Updates

Butkowski shared that Day in the Park is coming up on July 9, Xcel Energy will activate the solar panels on June 11, the draft climate action plan is just about completed, and the newsletter with Day in the Park and Nite to Unite information will be sent to print next week.

Councilor Pulford added that the cable commission is discussing broadband franchising and some member communities have started the process.

B. Opportunity for the Public to Address the City Council

Mayor Gaasch opened the floor to those interested in addressing the Council.

There being nobody interested in speaking, Mayor Gaasch closed the floor.

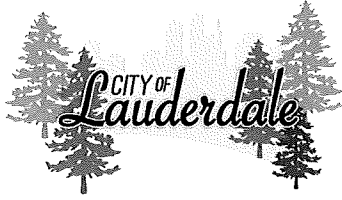
Adjournment

Councilor Dains moved and seconded by Councilor Sayre to adjourn the meeting at 8:13 p.m. Motion carried unanimously.

Respectfully submitted,



Miles Cline
Deputy City Clerk



CITY OF LAUDERDALE
LAUDERDALE CITY HALL
1891 WALNUT STREET
LAUDERDALE, MN 55113
651-792-7650

Request for Council Action

To: Mayor and City Council
From: City Administrator
Meeting Date: June 23, 2026
Subject: List of Claims

The claims totaling \$28,601.62 are provided for City Council review and approval that includes check numbers 29902 to 29912.

Accounts Payable

Checks by Date - Detail by Check Date

User: miles.cline
Printed: 6/18/2026 2:22 PM



Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
29902	463 3755	Blue Horizon Energy LLC CH Solar Panel Final Commissioning	06/12/2026	3,889.00
Total for Check Number 29902:				3,889.00
Total for 6/12/2026:				3,889.00
ACH 34		AFSCME MN Council 5 PR Batch 51300.06.2026 Union Dues	06/19/2026 PR Batch 51300.06.2026 Unio	258.08
Total for this ACH Check for Vendor 34:				258.08
ACH 389		BCBSM Inc PR Batch 51300.06.2026 Vision Insurance	06/19/2026 PR Batch 51300.06.2026 Visi	12.82
Total for this ACH Check for Vendor 389:				12.82
ACH 415		Securian Life Insurance Company PR Batch 51300.06.2026 Life Insurance	06/19/2026 PR Batch 51300.06.2026 Life	229.23
Total for this ACH Check for Vendor 415:				229.23
ACH 423		Madison National Life Ins Co Inc PR Batch 51300.06.2026 Long Term Disability	06/19/2026 PR Batch 51300.06.2026 Lon	463.75
Total for this ACH Check for Vendor 423:				463.75
ACH 43		Public Employees Retirement Association PR Batch 51300.06.2026 PERA Coordinated PR Batch 51300.06.2026 PERA Coordinated	06/19/2026 PR Batch 51300.06.2026 PER PR Batch 51300.06.2026 PER	1,376.53 1,193.00
Total for this ACH Check for Vendor 43:				2,569.53
ACH 44		Minnesota Department of Revenue PR Batch 51300.06.2026 State Income Tax	06/19/2026 PR Batch 51300.06.2026 Stat	860.71
Total for this ACH Check for Vendor 44:				860.71
ACH 45		ICMA Retirement Corporation PR Batch 51300.06.2026 Deferred Comp PR Batch 51300.06.2026 Deferred Comp	06/19/2026 PR Batch 51300.06.2026 Defi PR Batch 51300.06.2026 Defi	1,160.95 2,016.33
Total for this ACH Check for Vendor 45:				3,177.28
ACH 46		Internal Revenue Service PR Batch 51300.06.2026 Medicare Employee Pc PR Batch 51300.06.2026 Federal Income Tax PR Batch 51300.06.2026 Medicare Employer Po PR Batch 51300.06.2026 FICA Employee Portio PR Batch 51300.06.2026 FICA Employer Portio	06/19/2026 PR Batch 51300.06.2026 Mec PR Batch 51300.06.2026 Fed PR Batch 51300.06.2026 Mec PR Batch 51300.06.2026 FIC PR Batch 51300.06.2026 FIC	319.19 2,227.62 319.19 1,364.73 1,364.73

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
Total for this ACH Check for Vendor 46:				5,595.46
Total for 6/19/2026:				13,166.86
29903	233 104931	Bond Trust Services Corporation 2019A Bond Payment Ref: 333519	06/23/2026	6,000.00
Total for Check Number 29903:				6,000.00
29904	133 062026	Miles Cline 2Q26 Mileage Reimbursement	06/23/2026	46.40
Total for Check Number 29904:				46.40
29905	192 274394353	Comcast Holdings Corporation June Internet	06/23/2026	413.00
Total for Check Number 29905:				413.00
29906	25 PRRRV-004300	County of Ramsey 2026 JPA Payment	06/23/2026	1,198.00
Total for Check Number 29906:				1,198.00
29907	19 106783	Ehlers and Associates Inc 2026 Continuing Disclosure Report	06/23/2026	850.00
Total for Check Number 29907:				850.00
29908	31 193753	Kennedy & Graven Chartered May Legal Services	06/23/2026	1,722.00
Total for Check Number 29908:				1,722.00
29909	388 PS-INV110353	PeopleService Inc July Wastewater	06/23/2026	685.00
Total for Check Number 29909:				685.00
29910	71 4185587	Summit Fire Protection Inc 2026 Fire Extinguisher Inspection	06/23/2026	421.35
Total for Check Number 29910:				421.35
29911	425 2501006384 2501006384 2501011903 2501011903	Vestis June Uniforms June Uniforms June Uniforms June Uniforms	06/23/2026	38.13 38.12 38.68 38.68
Total for Check Number 29911:				153.61
29912	74 980711915 980758334	Xcel Energy Larpenteur Avenue 2430 Larpenteur Avenue W	06/23/2026	45.87 10.53
Total for Check Number 29912:				56.40
Total for 6/23/2026:				11,545.76

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
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Report Total (19 checks):

28,601.62

LAUDERDALE ENVIRONMENT AND SUSTAINABILITY COMMISSION AGENDA TOPIC FORM

Meeting Date June 23, 2026

Agenda Item Climate Action Plan

Action Requested

Consent	☐	Public Hearing	☐	Discussion	☒
Action	☐	Resolution	☐	Work Session	☐

DESCRIPTION OF TOPIC:

The Environmental Commission gathered feedback for the Climate Action Plan through a survey and an open house. This data was organized into a matrix that was handed off to Sydne Tursky of the Great Plains Institute. She turned the matrix into the draft Climate Action Plan that follows. The draft is a work in progress. The Environmental Commission reviewed at their meeting this past week and plan to share with the community at Day in the Park. They will finalize their feedback for their July meeting. Similarly, staff are looking for any feedback from the City Council. Sydne will be at the meeting to facilitate the discuss with the Council.

DRAFT
Climate Action Plan for Lauderdale, MN
6/16/2026

Executive Summary

Provide a high-level summary of the plan, including key energy or GHG-reduction goals, the main sectors addressed by chosen actions, and any other information that may be useful to guide the reader through the plan. Be sure to emphasize the “why” - why does this plan matter for your municipality? Consider including a quote from the mayor or other official.

Commented [ST1]: Will draft this once plan is more complete. Consider adding letter from mayor or other EC?

Introduction

Climate change is already reshaping daily life in Minnesota. Severe storms threaten people, homes, and infrastructure, extreme heat puts residents' health at risk, and summers increasingly bring more wildfire smoke across the region. Warmer winters mean less snow and ice cover, shifting both recreation and local ecosystems. These changes are not felt equally. Communities of color, low-to-moderate income families, and those with limited mobility or existing health conditions face these impacts most severely.

Looking ahead, Lauderdale can expect continued change. Under an intermediate emissions scenario, mid-century projects (2040-2059) show daily maximum temperatures rising 3-3.3-7F, annual precipitation increasing by 0.5-1.5 inches, and snow cover depth decreasing by 0.3-0.7 inches.¹

As such, climate change is one of the most defining challenges of our time. Addressing it meaningfully means rethinking Lauderdale's built environment, policies, programs, funding priorities, and community practices. Effective climate action works on two tracks simultaneously: reducing greenhouse gas emissions to limit future change (mitigation) and preparing for the climate impacts already underway (adaptation).

Why does Lauderdale need a climate action plan?

Climate action planning has historically been, and continues to be, a strong priority within Ramsey County and across the broader Twin Cities Metro Area. For many years, the region has encouraged local municipalities to think about ways to mitigate their Greenhouse Gas Emissions and adapt to changing climate conditions, ensuring residents are resilient in the face of climate change. With the help of grant funding from the Minnesota Pollution Control Agency through the Local Climate Action Planning grant and partnership among Ramsey County and Great Plains Institute, the City of Lauderdale had a unique opportunity to create this plan. Existing plans and policies such as the 2024 Ramsey County Climate Equity Action Plan, the Metropolitan Council's new minimum climate requirement for 2050 Comprehensive Planning and the focus areas outlined in the Minnesota Climate Adaptation Framework, helped to provide a framework and initial set of actions to consider in the beginning planning stages. Having alignment with local, regional and state goals helps advance the efforts of the City, creates opportunities for synergy in collaboratively addressing climate change and its impacts on Lauderdale residents and, more broadly, all Minnesotans.

Tackling this project and having the desire for a Climate Action Plan is not unique for the City of Lauderdale. The City is very committed to sustainability efforts as demonstrated through their participation in programs such as GreenSteps Cities (Step 2), the creation of the Environment and Sustainability Commission in 2024, and a focus on preserving and expanding natural resources through residential education and funding opportunities such as the DNR Tree Removal and Planting Grant. Due to limited staff capacity and funding constraints, it has been difficult for the City to advance this work independently. By leveraging partnerships to expand sustainability efforts and build organizational capacity around climate change, the City of Lauderdale has been able to pursue climate action planning in a thoughtful, comprehensive manner that will benefit Lauderdale residents for years to come.

¹ MNCLiMAT - https://app.climate.umn.edu/?output_type=numDif&scenario=ssp245_2040-2059&model=ensemble&variable=snow-inches-height&time_frame=yearly&aoi=p%7Eclimate_divisions%7E4#create_map_pane

This plan was designed to align with the Metropolitan Council's Imagine 2050 requirements for climate planning. Those requirements are:

1. Include an acknowledgement of statewide targets for Greenhouse Gas (GHG) reductions: 50% GHG reduction by 2030 and net zero by 2050 from a 2005 baseline.
2. Include a greenhouse gas emissions inventory that includes transportation, energy use, solid waste, and, where applicable, livestock and agriculture.
3. Include at least one strategy to reduce greenhouse gas emissions for each of the above sectors.
4. Detail the emissions impact of reduction strategies through 2050 for the above sectors using the Met Council Greenhouse Gas Emissions Reduction Tool or an equivalent modeling tool.

Planning Process

This climate action plan was developed in 2026 in partnership with City of Lauderdale staff, the Environment and Sustainability Commission, Ramsey County, and the Great Plains Institute. However, this plan was the final step of a much longer planning process that began many years prior and included state and county stakeholders. A brief timeline of that process is detailed below.

2022: The State developed the [Minnesota Climate Action Framework](#) (updated in 2026)

2024: Ramsey County developed the [Climate Equity Action Plan](#) (CEAP)

2024: Ramsey County launched a climate planning tool aligned with the CAF and CEAP

2025: Ramsey County initiated a cohort of cities to work on climate planning together; Lauderdale joined cohort.

2026: City of Lauderdale staff worked with Ramsey County to use the climate planning tool and identify key actions. With the Environment and Sustainability Commission, the City conducted engagement to understand local priorities for climate action. The Great Plains Institute drafted the plan, and it was adopted by the City Council on _____.

This CAP is and should be treated as a living document, which will benefit from an annual review process overseen by the Environment & Sustainability Commission.

EQUITY & INCLUSION

Community engagement and understanding the priorities of residents was critical in developing this Climate Action Plan. Lauderdale is a smaller, well-connected community with actively engaged residents. The best ways residents receive information is from the city newsletter that is mailed to every resident and the city website. The Climate Action Plan was announced through both channels and encouraged residents to participate and share their opinions on what should be included, prioritized and implemented. We encouraged residents to share with their friends and neighbors in the community as well as through the Environment and Sustainability Commission, an active partner involved in the planning process and trusted community messenger. See below for engagement specifics (note: will be adding more here as we have a couple more engagement opportunities coming up).

1. City Newsletter announcement
2. Resident survey
3. Climate Action Planning Open House
4. Sustainability Fair with the City of Falcon Heights

5. Upcoming event in July: Day in the Park
6. Upcoming event in (august?): another opportunity for folks to review plan/prioritize
7. Upcoming event in fall: Final engagement opportunity

City's Climate Goals

The City of Lauderdale recognizes the importance of climate change mitigation and adaptation and has a demonstrated commitment to sustainability and climate action. Examples of that commitment include:

- *GreenStep Cities Recognition* - Lauderdale is a Step 2 GreenStep City, acknowledging the city's implementation of sustainability best practices. GreenStep Cities (GSC) is a voluntary challenge, assistance, and recognition program that helps Minnesota cities achieve their sustainability and quality of life goals. The program offers a set of 29 best practices across five categories: building and lightning, land use, transportation, environmental management, and resilient economic and community development.
- *Environment and Sustainability Commission* - In 2024, the City Council launched the Environment and Sustainability Commission, comprised of residents eager to be a sounding board for the City Council. The Commission spearheaded the development of this plan and coordinated relevant engagement and serves as an ongoing resource for residents looking to create more environmentally friendly and sustainable yards and homes.
- *Home Energy Audits* - The City partners with the Center for Energy and Environment (CEE) to offer discounted home energy audits with LED bulbs, weather-stripping, smart thermostat, and energy-saving guidance.

Plan Overview & Structure

There are three main sections of this climate action plan: the existing conditions report, the greenhouse gas inventory, and the five-year work plan based on the community's priorities.

Commented [ST2]: Is this the timeline? It's a lot for 5 years!

Existing Conditions

Existing conditions include demographic information as well as information about buildings, transportation, waste, renewable energy resources, and existing planning and policy context. This section details these existing conditions in the community to establish a baseline for comparing progress over time and informing prioritization of climate actions.

Demographic Snapshot

The demographic information included in Table 1 comes from the American Community Survey. These data provide a snapshot of income, age, race, physical ability, language, and energy assistance eligibility in Lauderdale. This information can be used to design accessible, beneficial, and equitable initiatives for all residents.

Table 1: Lauderdale Demographics. Source: American Community Survey, five-year estimates 2020-2024

Total Population (2024)	2,388
Median Household Income	\$78,684
% White Only	67.63%
Median Age	33.6
Geographic Mobility - % moved since previous year	20.81%
% Renter Occupied Housing	46.46%
% Persons below Poverty Level	7.29%
% Limited English-Speaking Households	2.9%
% Persons with a Disability	8.3%
% Households without Vehicle Access	6.06%

Energy Consumption and Buildings

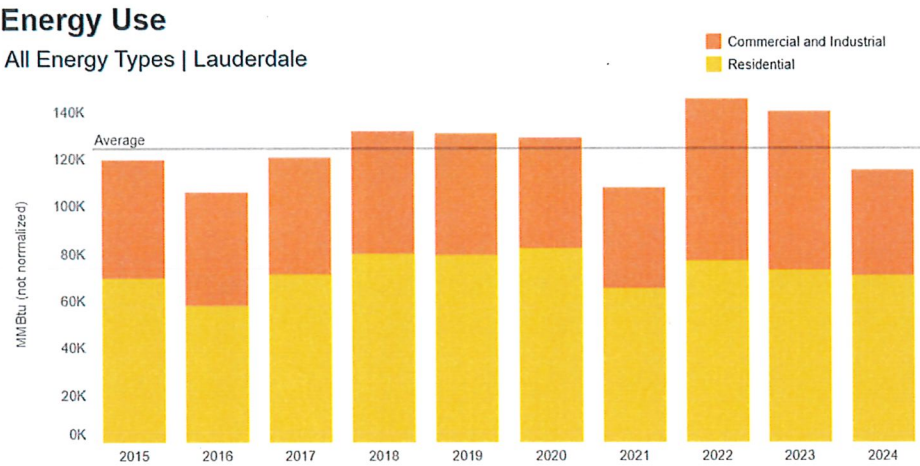
Energy is used for space and water heating and cooling, ventilation, and the operation of lighting and appliances in buildings. Heating a building's space and water comes most often from natural gas, while electricity is typically used for operating appliances, lighting, and cooling. Xcel Energy is the main electric and natural gas energy provider for Lauderdale residents, businesses, and institutions.

ENERGY USE IN LAUDERDALE

In 2024, Lauderdale consumed 115,283 MMBtu of energy; approximately two-thirds of the energy was produced by natural gas and one-third was electric. A very small amount (1,108 MMBtu) came from other sources, like solar panels.

Lauderdale’s energy use has stayed relatively consistent over time. (While it may appear that energy use decreased in 2024, this is likely inaccurate. Several large commercial/industrial electricity users were included in 2022-2023 and then excluded from the dataset in 2024 after privacy protocols changed.) Figure 1 shows Lauderdale’s energy use from 2015-2024.

Figure 1: Energy Consumption by Sector. Source: Regional Indicators Initiative



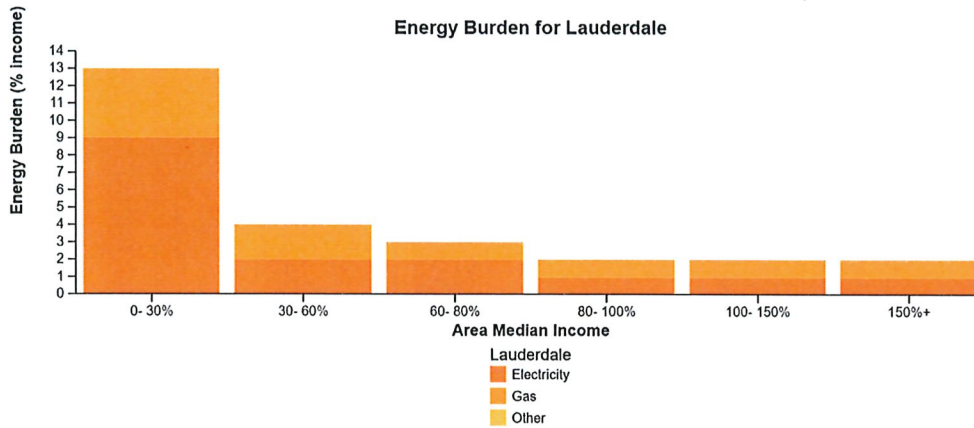
ENERGY BURDEN AND AFFORDABILITY

Energy burden is the proportion of household income that is used to pay for energy utility bills – both electric and natural gas. The average energy burden for all Lauderdale residents in 2022 was 2%, which is generally considered to be affordable.² This proportion is consistent with the average energy burden in Minnesota households.³ However, energy burden varies widely across households; households with lower incomes necessarily spend a higher percent of their income on energy. Figure 2 shows average energy burden across different income brackets in Lauderdale.

² <https://cubminnesota.org/state-energy-affordability-minnesota>

³ <https://www.energy.gov/scep/slsc/lead-tool>

Figure 2: Average Energy Burden by Income. Source: U.S. DOE LEAD (Low-Income Energy Assistance Data) for 2022



Homeowners in Lauderdale spend a higher percentage of their income on energy than renters do; this is likely because homes are likely to be older and more inefficient than apartment buildings.

Notably, data for energy burden comes from 2022, leaving out important changes that have occurred since then. From 2024 to 2025, energy costs increased by 6.8% in Minnesota; they continue to rise in 2026 due to utility rate hikes, war, inflation, and projected load growth, among other considerations.⁴ Statewide, utility disconnections have dramatically increased from 40,000 in 2022 to 90,000 in 2025.⁵ Though updated energy burden data is not yet available beyond 2022, it is assumed that energy burden has increased in Lauderdale.

Transportation

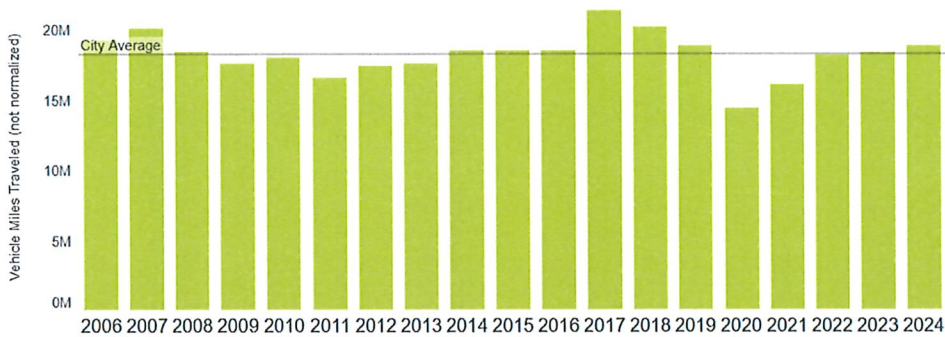
Transportation energy is almost entirely attributed to surface travel from cars and trucks and is estimated by vehicle miles traveled (VMT) within the city boundaries, regardless of through traffic. Energy for vehicle travel primarily comes from liquid fuels like gasoline and diesel, though electric vehicles are increasingly a part of the vehicle mix. Other forms of in-boundary transportation include public transit, biking, walking, and wheeling (e.g., scooters, wheelchairs, or other mobility devices). See VMT data for Lauderdale in Figure 3.

⁴ https://www.jec.senate.gov/public/_cache/files/988cf92d-c7a6-47d3-a564-28b9880e43ee/26.03.05---updated-fact-sheet-on-state-by-state-electricity-cost-increases.pdf

⁵ <https://cubminnesota.org/state-energy-affordability-minnesota>

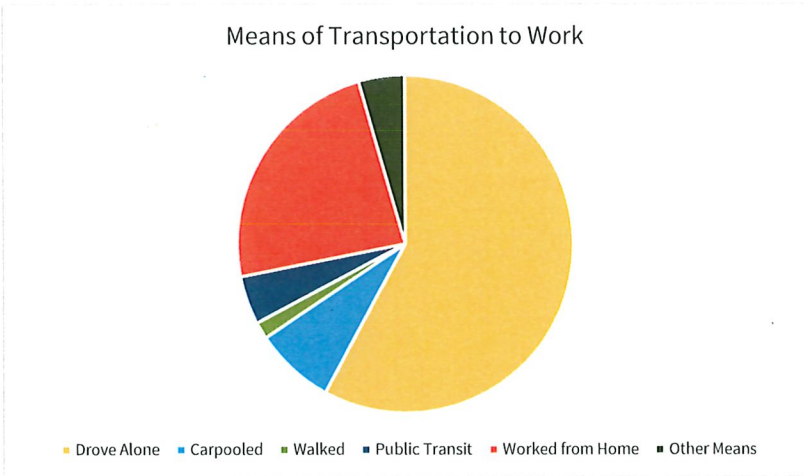
Figure 3: Vehicle Miles Traveled 2006-2024. Source: Regional Indicators Initiative.

Vehicle Miles Traveled (VMT)
Average for Lauderdale



Lauderdale’s transportation emissions are heavily influenced by factors outside the city’s direct control. Most VMT are attributable to how people commute to work. As seen in Figure 4, most Lauderdale residents drive alone, which leads to significantly more VMT than public transit or carpooling. Additionally, VMT calculations for Lauderdale include miles traveled by non-residents of Lauderdale as they drive through the city on Highway 280. Therefore, opportunities for VMT reduction may be limited without broader regional efforts like expanded public transit and construction of pedestrian and bike paths.

Figure 4: Means of Transportation to Work for Lauderdale Residents. Source: American Community Survey 5yr Summary 2020-2024



PUBLIC TRANSIT

Currently, Lauderdale is served by Metro Transit fixed-route bus lines 30 and 61. These routes connect Lauderdale to other parts of the metro but provide little connectivity within Lauderdale city limits. All Metro Transit bus stops are located on Larpenteur Avenue, and accessing them can be difficult and dangerous, especially if sidewalks have not been well maintained in winter. Metro Transit also provides [Transit Link](#) services, which must be scheduled in advance, for trips that cannot be accomplished on regular transit routes alone, and [Metro Mobility](#) services for eligible riders with disabilities. Metro Transit has proposed a Bus Rapid Transit (BRT) Metro H Line, which would stop just outside Lauderdale city limits at Como Avenue & Eustis Street.

Commented [ST3]: Is this an accurate representation?

ELECTRIC VEHICLE CHARGING

There are currently no public electric vehicle charging stations in Lauderdale, though there are some nearby in Roseville, Minneapolis, and St. Paul.⁶

BIKE INFRASTRUCTURE

Add info

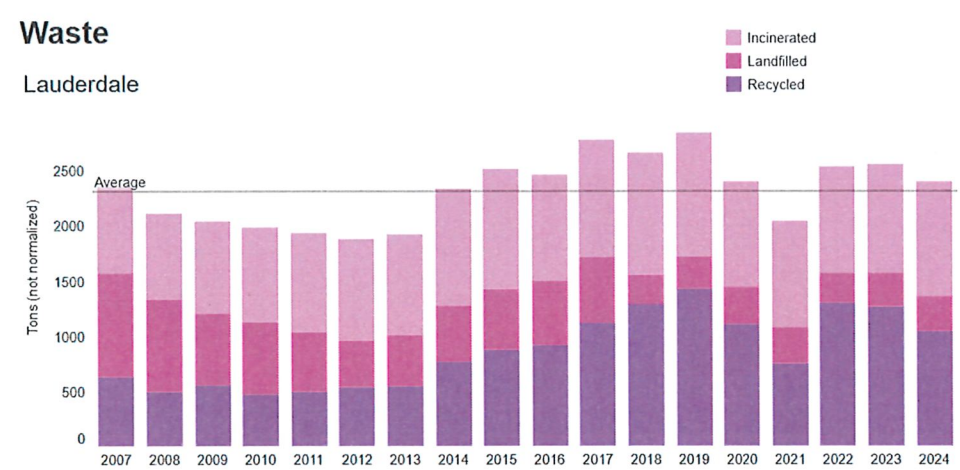
Commented [ST4]: Add info on bike infrastructure

Waste

Solid waste consists of post-consumer materials including food waste, plastics, paper, metals, construction debris, and other materials. The data collected do not consider the manufacturing and usage of the product being discarded, but rather the volume of waste generated and the breakdown of how waste is processed, including recycling, composting, and resource recovery.

⁶ <https://www.plugshare.com/>

Figure 5: Waste by Management Method, 2007-2024. Source: Regional Indicators Initiative



Note: These data are based on solid waste data collected by the Minnesota Pollution Control Agency at the county scale. Data were then estimated for Lauderdale using the county's per capita rate.

GARBAGE HAULING

Lauderdale residents and businesses contract on their own with a garbage hauler licensed with the City. There are four approved garbage haulers for residential and commercial collection.

RECYCLING

Eureka Recycling provides curbside recycling services for the city. [Recyclable materials](#), including cardboard and paper, glass, metal, and plastics, are collected weekly.

Ramsey County has a free food scraps collection program. Lauderdale residents can get a free food scraps collection starter kit at City Hall and organics recycling can be dropped off 24 hours a day at the Falcon Heights collection site.

Ramsey County also provides various other [recycling and reuse programs](#) to Lauderdale residents.

Renewable Energy Resources

A community's solar resource is the amount of sunlight that can be captured and converted to electricity. Using the solar suitability app from the University of Minnesota, the solar resource was calculated for rooftops in City. The total capacity of the economic rooftop solar resource in City xx MW, equal to approximately xx% of all the electricity consumed in the city (note: this is an upper limit and does not consider individual site limitations due to roof structure, ownership, or local regulations that might limit solar installations). Additional solar could be captured through ground-mount systems, green power purchase programs (e.g., Renewable*Connect) or community solar gardens.

Figure of solar resource potential in the community (Figure 7: City of XX Solar Resource Potential. Source: University of Minnesota U-Spatial Solar Raster Data (2008 – 2013), figure and calculations by Great Plains Institute)

Table 2 breaks down the solar potential for all of City, for building rooftops, and for the top 10 building rooftops in the city by both the potential capacity of installed panels, as well as the generation likely associated with that installed capacity.

Table of solar resource potential with panel capacity and generation (Table 2: Solar Resource Potential by Type. Source: University of Minnesota U-Spatial Solar Raster Data (2008 – 2013), figure and calculations by Great Plains Institute)table

Commented [ST5]: This data has not been updated for 2026, and previous years' data is unavailable. I am exploring other avenues to get this info!

Greenhouse Gas Emissions Inventory

This greenhouse gas inventory includes emissions that result from building energy use, vehicle travel, waste, natural systems, and industry within the community. For Lauderdale, there are no reported industrial emissions separate from energy, and natural systems actually reduce greenhouse gas emissions (by absorbing CO₂) by 0.7%. Therefore, all emissions detailed below are associated with transportation (travel), energy (residential and non-residential), and waste. energy use emissions means the greenhouse gases (GHGs) that result from electricity consumption and natural gas use in commercial and residential buildings, as well as industrial processes. Travel emissions come from combustion vehicles, such as cars and trucks that run on liquid fuels. Waste emissions are generated through the disposal process and captured at the final destination — often landfills or incinerators.

In 2024, the total community-wide emissions in Lauderdale amounted to 15,538 tonnes of CO₂ equivalent (6.402 tonnes/person). The largest share of emissions came from the travel sector, which makes up 54% of the City's total emissions. Building energy use (natural gas and electricity) makes up the next largest source of emissions with 43% of total emissions while waste makes up 4% of total emissions attributed to the community. This inventory only accounts for post-consumer waste; emissions generated in the production and distribution of goods are much greater and should be a consideration in waste strategies.

Commented [DK6]: note: data is from Regional Indicators Initiative, different from those in the 2022 Met Council Data

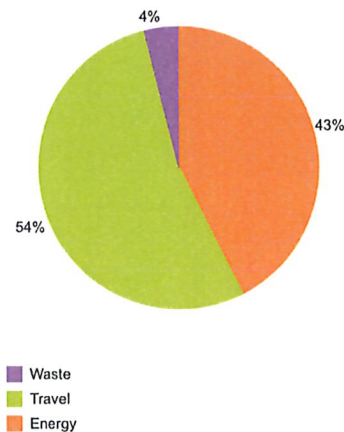


Figure 9. Lauderdale Greenhouse Gas Emissions, Source: Regional Indicators Initiative

Building energy emissions can be further broken down by energy type and by sector. Electricity makes up 37% of building energy emissions and natural gas makes up 63%. Divided by sector, 16% of building emissions come from commercial/industrial buildings, while 21% come from residential buildings.

In homes, the largest energy users are typically space and water heating systems. The majority of homes in Minnesota are heated using natural gas furnaces and boilers. Electric appliances, like refrigerators and televisions, also account for large amounts of energy use.

Many of the same energy uses occur in commercial buildings, but typically on a greater scale than residential buildings. Industrial facilities tend to have higher energy intensity for various processes compared to

commercial uses. In some cases, the manufacturing processes at industrial facilities (e.g. production of cement) can also generate emissions.

Travel emissions account for 54% of total community-wide emissions in Lauderdale, with approximately 8,317 tonnes of CO₂e — or 0.25 tonnes per person — generated annually. These emissions come from on-road combustion vehicles like cars, trucks, and buses. Emissions are calculated using the vehicle miles traveled within the boundary of the community and the make-up of vehicles on the road. Opportunities to reduce emissions from vehicles include increasing mode-shift alternatives through improved public transportation and changes to land use that better accommodate biking and walking; electrifying vehicles; and increasing vehicle fuel efficiency.

Waste is the smallest emissions category, comprising 4% of total community-wide emissions. These emissions primarily come from landfilling and incinerating processes. Opportunities to reduce waste from emissions include increased recycling rates, availability of composting, and strategies to shrink the waste stream.

Community-wide emissions can also be viewed at the individual level by dividing total emissions by the population of Lauderdale. Figure 10 illustrates the per-person emissions for year 2024 per-person emissions decreased by about 0.794 tonnes of CO₂ in 2015.

Individuals can use this information to consider taking action to decrease personal carbon footprints. Most individuals will be able to impact their travel and home emissions through personal actions and decisions, while other emissions will need to be addressed through community-wide strategies and policies.

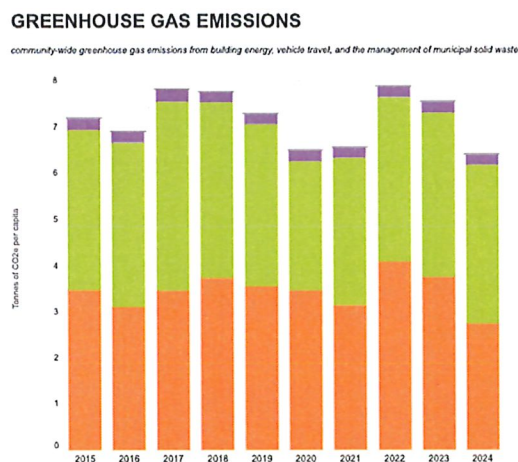


Figure 10. Greenhouse gas emissions by sector per capita—2015-2025 (Figure 10 City of Lauderdale Per Capita Greenhouse Gas Emissions Source: Regional Indicators Initiative)

Using projected population and job growth, as well as the utility resource plan and anticipated building code energy requirements, community-wide emissions can be forecast to understand future emissions. Figure 11 depicts the GHG emissions forecast for Lauderdale. The solid line across the top represents the business-as-usual (BAU) scenario. The BAU assumes no changes are made that impact emissions between now and 2040, and emissions would remain relatively flat. However, Xcel Energy has announced a plan to be carbon free by 2050 and updates to the energy code will impact new construction. These factors will impact both the carbon

Commented [DK7]: don't have this information yet, but searching for it!

Commented [DK8]: don't see this information on this data source.. will look elsewhere!

Commented [DK8R2]: this page sohws that trends are just through 2022, expected update in 2026... but will look more <https://metro council.org/Data-and-Maps/Community-Development-Research/Climate-and-Natural-Systems.aspx>

intensity of electricity and the efficiency of buildings. These anticipated reductions are reflected in dashed line. The remaining emissions will come from travel (XX% of remaining emissions), natural gas (XX%), electricity (X%), and waste (X%).

Figure of greenhouse gas emission projections by sector – wedge diagram (Figure 11 City of XX Greenhouse Gas Emissions Source: Metropolitan Council)

Climate Action Goals & Strategies

The table below outlines the primary climate action goals and their accompanying strategies. The plan is organized by emissions or adaptation sector, in alignment with the Minnesota Climate Action Framework. Each sector has three to four goals and strategies to meet those goals. The following pages detail each strategy's responsible parties, timeline, costs, needed resources, and co-benefits.

Commented [DK9]: Note: we have clean buildings and energy together; the new CAF separated them into two different strategies

Table 2. Summary Table of Plan Goals and Strategies by Emissions/Adaptation Sector

Clean Transportation	
Goal	Strategy
<i>Goal 1. Plan transportation network the supports sustainable, multi-modal transportation</i>	1.A. Fund non-motorized and public transit.
	1.B. Understand and apply transportation strategies for vulnerable residents.
	1.C. Redesign Larpenteur Avenue.
	1.D. Promote multi-modal transportation options in Les Bolstad redevelopment and comprehensive planning.
	1.E. Collaborate with Met Council on BRT Line H Planning.
<i>Goal 2. Make it equitable and easier for all ages and abilities to use the multi-modal transportation network.</i>	2.A. Advocate for microtransit expansion.
	2.B. Improve access to non-motorized vehicle infrastructure.
	2.C. Provide educational resources, explore safety improvements, and support demonstration projects.
	2.D. Enhance transportation equity.
	2.E. Implement educational campaigns and incentives.
<i>Goal 3. Reduce transportation-related GHG emissions by decreasing vehicles traveled and encouraging transition to electric vehicles (or reducing gas-powered vehicles on roads).</i>	3.A. Pursue grant funding for EV charging.
	3.B. Investigation transition from gas/diesel fleet.
	3.C. Support car-share expansion.
	3.D. Install bike parking.
Climate Smart Natural Lands	
Goal	Strategy
	1.A. Track urban tree canopy.

<i>Goal 1. Maintain, manage, and educate residents on urban tree canopies.</i>	1.B. Manage Emerald Ash Borer through resident support.
	1.C. Preserve and maintain mature trees.
	1.D. Provide access to affordable trees.
	1.E. Provide training on tree health and plantings.
<i>Goal 2. Protect, restore, and manage peatlands, wetlands, and watersheds; Partner with organizations to protect watersheds.</i>	2.A. Protect Luther Seminary wooded land.
	2.B. Partner to conduct watershed resilience studies.
	2.C. Provide community education on watersheds and wetlands.
	2.D. Improve stormwater management and transportation resilience.
<i>Goal 3. Use land management practices to enhance climate resilience.</i>	3.A. Update Local Surface Water Management Plan.
	3.B. Plant, seed, and manage climate-adapted trees.
	3.C. Explore creating a community garden.
	3.D. Increase climate-resilient landscape practices.
	3.E. Plant along TH280 sound barrier.
Thriving Communities	
Goal	Strategy
<i>Goal 1. Leverage technical assistance, tools, and data to determine risks of climate hazards to Lauderdale.</i>	1.A. Develop and understand metrics for community resilience.
	1.B. Focus resources to communities experiencing climate change most.
	1.C. Engage partners to improve data, research, and technical assistance.
	1.D. Conduct asset mapping for emergency support.
	1.E. Evaluate preparedness and response plans.
<i>Goal 2. Support information sharing and learning with residents on how to prepare for extreme weather events / climate hazards.</i>	2.A. Improve extreme weather planning for underrepresented and climate-vulnerable groups.
	2.B. Share resources about disaster preparedness.

<i>Goal 3. Pursue resilient infrastructure and critical facilities updates.</i>	3.A. Investigate City Hall as a shelter or cooling station.
	3.B. Create resilience hubs.
	3.C. Explore organized waste collection.
	3.D. Prioritize green stormwater infrastructure.
<i>Goal 4. Reduce waste and promote beneficial use of materials.</i>	4.A: Share information about recycling and composting resources with residents.
	4.B: Reduce barriers for local food donation, rescue, and programs.
	4.C: Expand composting and recycling at events.
	4.D: Develop and implement city-wide swap events for residents.
	4.E: Promote programming and initiatives related to air quality.
	4.F: Explore development and implementation of programs, practices, and incentives for more sustainable consumption.
Clean Energy and Efficient Buildings	
Goal	Strategy
<i>Goal 1: Track and reduce energy use and pursue 100% carbon-free energy sources</i>	1.A. Identify opportunities to electrify municipality-owned buildings.
	1.B: Find training and resources to expand awareness and knowledge to reduce energy use.
<i>Goal 2. Increase ability of buildings to withstand the impacts of climate change</i>	2.A: Encourage resilience efforts in new and rehabbed municipality-owned and funded buildings.
	2.B: Adapt energy goals for city-owned buildings with energy monitoring.
<i>Goal 3. Provide resources to residents on alternative energy and energy efficiency options</i>	3.A: Consolidate and streamline programs for energy assistance, weatherization, and utility efficiency.
	3.B: Share guidance on alternative energy resources.
	3.C: Provide incentives and disincentives to reduce energy use.
	3.D: Financially support vulnerable residents to reduce energy burden.
	3.E: Share resources to fund energy retrofitting for low-to-moderate income residents.

<i>Goal 4. Design and build climate-smart new buildings</i>	4.A: Adopt climate-resilient design and construction standards.
	4.B: Support and promote adaptive reuse.
	4.C: Promote low-carbon, reused, and recycling building materials.
	4.D: Expand deconstruction and reuse of construction materials.
	4.E: Support recycling of construction waste.
Healthy Lives	
Goal	Strategy
<i>Goal 1. Promote programs for individuals to improve homes and yards</i>	1.A: Encourage reducing water consumption and water reuse.
	1.B: Promote rain barrels and compost bins.
	1.C: Promote soil testing.
	1.D: Educate on at-home and neighborhood climate resilience tools.
	1.E: Promote Ramsey County fix-it clinics and host a city one.
	1.F: Host swap and trading events.
	1.G: Host community garden.
<i>Goal 2: Share information and resources that supports healthy workplaces</i>	2.A: Provide municipality staff on outdoor worker health impacts.
	2.B: Provide emergency response training for municipality staff.
	2.C: Support climate programming for at-home workers.
<i>Goal 3: Promote programs that support community residents and employees' physical and mental health.</i>	3.A: Promote access to health services.
	3.B: Prioritize pollution reduction.
	3.C: Promote actions that reduce food insecurity.
	3.D: Partner and share resources with vulnerable communities on climate health impacts.
	3.E: Partner with educational institutions about climate change impacts and adaptation strategies.
Clean Economy	

Goal	Strategy
<i>Goal 1: Help resident and business owner applicants leverage applicable funding</i>	1.A: Share funding opportunities with residents and businesses.
	1.B: Provide support to community-based organizations pursuing climate funding.
<i>Goal 2: Support the development and growth of businesses leading the just transition to a clean economy</i>	2.A: Foster sustainable business development.
	2.B: Promote sustainable consumption and production.
<i>Goal 3: Support just workforce transitions into the green economy</i>	3.A: Refer residents to learn about and train for climate-driven careers.
	3.B: Share and provide resources for businesses to be inclusive and green.
	3.C: Expand programs that support learning, career, and educational opportunities for vulnerable communities.

Clean Transportation

Connect people to places and reduce greenhouse gas emissions through a safe, equitable and sustainable multi-modal transportation system.

GOAL 1. PLAN A TRANSPORTATION NETWORK THAT SUPPORTS SUSTAINABLE, MULTI-MODAL TRANSPORTATION.

Expanding safe, accessible multi-modal transportation options in Lauderdale is a direct way to reduce the city's greenhouse gas emissions. Cars are a leading source in emissions, and walking, biking, and public transportation produce a fraction of that impact. By supporting a system that is less reliant on car infrastructure and gives more access to safe pedestrian, bicycle, and public transit infrastructure, the city can meaningfully reduce emissions while making it easier for residents to move safely.

Strategy 1.A: Fund non-motorized and public transit.

Collaborate with the Metropolitan Council to direct more resources towards non-motorized transportation and public transit. Funds would support improved pedestrian, bicycle and public transit infrastructure that is accessible, safe, and desirable to people of all ages, abilities and skill levels.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County, Metropolitan Council

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: TBD

Related Goals: Strategy 1.B., 1.C., 1.D., 1.D., 2.A., 2.B., 2.C., 2.D., 2.E., 3.D.

Estimated Emissions Reduction: TBD

Co-Benefits: decreased air pollution, increased accessibility and safety

Strategy 1.B: Understand and apply transportation strategies for vulnerable residents

Use community input and maps to understand the evolving transportation needs of underserved and climate-vulnerable residents. Apply these findings to roadway, bikeway and pedestrian focused projects. Work with neighboring municipalities to identify gaps in the network and collaborate on solutions.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Support to gather data

Related Strategies: 1.A., 1.C., 2.C., 2.D., 2.E.

Estimated Emissions Reduction: TBD

Co-Benefits: increase climate resilience and transportation equity

Strategy 1.C: Redesign Larpenteur Avenue

Participate in Ramsey County's redesign of Larpenteur Avenue. Prioritize sidewalks, bike trails, and bus stations for people walking, bicycling, rolling, and taking transit. Ensure these projects improve equitable access to infrastructure, safety, and roadway function which includes boulevard space for snow storage so that sidewalks can be efficiently cleared of snow.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County Active Living Group

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Assistance from city engineer

Related Strategies: 1.A., 1.B., 2.A., 2.C., 2.D., 2.E.

Estimated Emissions Reduction: TBD

Co-Benefits: decreased air pollution, increased accessibility and safety

Strategy 1.D: Promote multi-modal transportation options in Les Bolstad redevelopment and comprehensive planning

Promote multi-modal transportation options, including pedestrian, bicycle, and public transit, in plans and projects as part of the Les Bolstad redevelopment in Falcon Heights. Incorporate active mobility actions/planning in the upcoming Comprehensive Planning process.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council / Appointee to Community Advisory Committee
- Potential partners: Falcon Heights, Ramsey County, MnDOT

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Outside organization to lead effort

Related Strategies: 1.A., 1.B., 2.A., 2.C., 2.E.

Estimated Emissions Reduction: TBD

Co-Benefits: decreased air pollution, increased accessibility and safety

Strategy 1.E: Collaborate with Met Council on BRT Line H Planning

Work with the Met Council as they plan for BRT Line H. This includes access to shuttles or other transportation means to get riders to the BRT, improving or placing new bus shelters along the route and creating safe pedestrian crossings.

Responsible Parties:

- Lead department or decision-making body: City Council
- Supporting departments: Admin
- Potential partners: Met Council, Ramsey County

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Influence with Met Council

Related Strategies: 1.A., 1.B., 2.A., 2.C., 2.E.

Estimated Emissions Reduction: TBD

Co-Benefits: Increased accessibility and safety

GOAL 2. MAKE IT EQUITABLE AND EASIER FOR ALL AGES AND ABILITIES TO USE THE MULTI-MODAL TRANSPORTATION NETWORK.

Transportation options should work for everyone. Designing an equitable and accessible multi-modal transportation network ensures that all residents, not just those who drive, have reliable ways to move around. When more people can choose microtransit, non-motorized transportation, and public transit, the result is fewer cars and lower greenhouse gas emissions.

Strategy 2.A: Advocate for microtransit expansion

Advocate for expansion of microtransit, including Lauderdale, in the pilot and connecting the city with neighboring municipalities and the larger region.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Met Council

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Influence with Met Council

Related Strategies: 2.B., 2.E.

Estimated Emissions Reduction: TBD

Co-Benefits: Increased accessibility

Strategy 2.B: Improve access to non-motorized vehicle infrastructure

Improve access to and accessibility of non-motorized vehicle infrastructure. Explore opportunities to connect existing routes with desired infrastructure including Eustis, Fulham, Como and TH280.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County, nonprofits

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Outside organization to lead effort

Related Strategies: 1.A., 1.B., 1.C., 1.D., 1.D., 2.C., 2.D., 2.E., 3.D.

Estimated Emissions Reduction: TBD

Co-Benefits: Decreased pollution, increased accessibility

Strategy 2.C: Provide educational resources, explore safety improvements, and support demonstration projects

Provide educational resources and opportunities for residents on how to safely use and access public transit and multi-modal networks. Explore cost-effective safety improvements, or support projects that temporarily demonstration improvements, to pedestrian crossings along city roads that connect important paths for residents walking, biking or accessing transit stops

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County, nonprofits

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Outside organization to lead effort

Related Strategies: 1.A., 1.B., 1.C., 1.D., 1.E., 2.B., 2.E., 3.D.

Estimated Emissions Reduction: TBD

Co-Benefits: Decreased pollution, increased accessibility and safety

Strategy 2.D: Enhance transportation equity

Seek ways to make the transportation needs of Lauderdale residents more equitable. Explore and support work in reducing the cost of public transit for residents and making it more accessible to access, particularly amongst the aging population and residents with disabilities.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County, Met Council

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: TBD

Related Strategies: 1.B., 2.E.

Estimated Emissions Reduction: TBD

Co-Benefits: Decreased pollution, increased accessibility and safety

Strategy 2.E: Implement educational campaigns and incentives

Encourage residents to choose alternative modes of transportation. Collaborate with partners on an educational campaign and explore incentives to improve awareness and access for residents, prioritizing climate-vulnerable residents. This includes exploring financial support pathways for bikes, e-bikes, reduced Go To cards, and more.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County, city partners

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: TBD

Related Strategies: 1.B., 2.C., 2.D.

Estimated Emissions Reduction: TBD

Co-Benefits: Decreased pollution, increased accessibility and safety, increased cost savings

GOAL 3. REDUCE TRANSPORTATION-RELATED GREENHOUSE GAS EMISSIONS BY DECREASING VEHICLES TRAVELED AND ENCOURAGING TRANSITION TO ELECTRIC VEHICLES (OR REDUCING GAS POWERED VEHICLES ON ROADS).

Reducing the number of gas-powered vehicles on the road through increased electric vehicles, carsharing, and bicycles infrastructure will reduce the city's greenhouse gas emissions.

Strategy 3.A: Pursue grant funding for EV charging.

Pursue grant funding to support creation of EV charging stations in Lauderdale.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County, MnDOT, Xcel Energy

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Partnership with Xcel Energy

Related Strategies: 3.B.

Estimated Emissions Reduction: TBD

Co-Benefits: Decreased air pollution

Strategy 3.B: Investigate transition from gas/diesel fleet

Consider transitioning from gas/diesel fleet to EV fleet vehicles after evaluating city needs and costs.

Responsible Parties:

- Lead department or decision-making body: Admin

- Supporting departments: Public Works
- Potential partners: Other government organization experimenting with clean vehicles

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Information on whether these vehicles will meet city needs

Related Strategies: 3.A.

Estimated Emissions Reduction: TBD

Co-Benefits: Decreased air pollution

[Strategy 3.C: Support car share expansion](#)

Support expansion of Saint Paul and Minneapolis EVIE carshare if/when network expands.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: City of Saint Paul and Minneapolis

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Partnerships

Related Strategies: -

Estimated Emissions Reduction: TBD

Co-Benefits: Decreased air pollution

[Strategy 3.D: Install bike parking](#)

Install safe and accessible bike parking at facilities, where feasible.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: County partnership

Related Strategies: 1.A., 1.B., 1.C., 1.D., 1.E., 2.B., 2.C., 2.E.

Estimated Emissions Reduction: TBD

Co-Benefits: Decreased air pollution, increased accessibility

Climate Smart Natural Land

Manage land to reduce greenhouse gas emissions, support community and ecosystem health and increase environmental resilience.

GOAL 1: MAINTAIN, MANAGE AND EDUCATE RESIDENTS ON URBAN TREE CANOPIES

Urban trees sequester carbon, reduce the urban heat island effect, and lower energy costs for nearby buildings. Maintaining and expanding tree canopy decreases greenhouse gas emissions and improves resident quality of life.

Strategy 1.A: Track urban tree canopy.

Track urban canopy cover across jurisdictional area to measure changes in tree canopy coverage.

Responsible Parties:

- Lead department or decision-making body: Admin, Public Works
- Supporting departments: Council
- Potential partners: Met Council

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Partner with Met Council on tracking options

Related Strategies: 1.B., 1.C., 1.D., 1.E., 2.A., 3.B., 3.E.

Estimated Emissions Reduction: TBD

Co-Benefits: -

Strategy 1.B: Manage Emerald Ash Borer through resident support.

Help connect residents to resources to help manage Emerald Ash Borer (EAB) and other plant pests / diseases. This may include financial support, treatment, or removal/replacement.

Responsible Parties:

- Lead department or decision-making body: Admin, Public Works
- Supporting departments: Council
- Potential partners: DNR, Met Council

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Additional financial resources if need exceeds reserve funds.

Related Strategies: 1.A., 1.C., 1.D., 1.E., 2.A., 3.B.

Estimated Emissions Reduction: TBD

Co-Benefits: increased biodiversity, increased shade / decreased heat

Strategy 1.C: Preserve and maintain mature trees.

Rewrite tree ordinances to preserve mature trees and general tree maintenance.

Responsible Parties:

- Lead department or decision-making body: Admin, City Attorney
- Supporting departments: Council
- Potential partners: Arbor Day Foundation

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: TBD

Related Strategies: 1.A., 1.B., 1.D., 1.E., 2.A., 3.B., 3.E.

Estimated Emissions Reduction: TBD

Co-Benefits: increased biodiversity, increased or maintained shade / decreased heat, increased or maintained energy savings, decreased air pollution, increased stormwater management

Strategy 1.D: Provide access to affordable trees

Provide access to affordable trees for private planting and guidance for residents and landowners on climate adapted tree species.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Arbor Day Foundation, Tree Trust, Ramsey County Parks and Recreation

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Funds to pay for trees

Related Strategies: 1.A., 1.B., 1.C., 1.E., 2.A., 3.B., 3.E.

Estimated Emissions Reduction: TBD

Co-Benefits: increased biodiversity, increased shade / decreased heat, increased energy savings, increased stormwater management

Strategy 1.E: Provide training on tree health and plantings.

Environmental Commission host periodic trainings on tree health and planting.

Responsible Parties:

- Lead department or decision-making body: TBD
- Supporting departments: TBD
- Potential partners: TBD

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: TBD

Related Strategies: 1.A., 1.B., 1.C., 1.D., 2.A., 3.B., 3.E.

Estimated Emissions Reduction: TBD

Co-Benefits: increased biodiversity, increased shade / decreased heat, increased energy savings, increased stormwater management

**GOAL 2: PROTECT, RESTORE, AND MANAGE PEATLANDS, WETLANDS, AND WATERSHEDS;
PARTNER WITH ORGANIZATIONS TO PROTECT WATERSHEDS**

Peatlands and wetlands are carbon-dense, and protecting and restoring them locks carbon. Protecting watersheds broadly increases climate resilience through stormwater management while not increasing greenhouse gas emissions.

Strategy 2.A: Protect Luther Seminary wooded land.

Protect as much wooded area on Luther Seminary land as possible through a conservation easement while meeting legal requirements for allowing development.

Responsible Parties:

- Lead department or decision-making body: Council
- Supporting departments: Admin, Zoning Consultant
- Potential partners: CRWD, Minnesota Land Trust

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Community support

Related Strategies: 1.C., 3.B.

Estimated Emissions Reduction: TBD

Co-Benefits: increased biodiversity, decreased heat, increased stormwater management

Strategy 2.B: Partner to conduct watershed resilience studies

Partner on resilience studies with watershed management organizations within the city of Lauderdale. This includes CRWD, RCWD and MWMO.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: CRWD, RCWD, MWMO

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Watershed partners' skills and financial resources

Related Strategies: 2.D., 3.A., 3.D

Estimated Emissions Reduction: TBD

Co-Benefits: increased climate resilience, increased stormwater management

Strategy 2.C: Provide community education on watersheds and wetlands

Provide community education on importance of and strategies for protecting watersheds and wetlands.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: CRWD, RCWD, MWMO

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: TBD

Related Strategies: -

Estimated Emissions Reduction: TBD

Co-Benefits: increased climate resilience, increased stormwater management, increased biodiversity

[Strategy 2.D: Improve stormwater management and transportation resilience.](#)

Coordinate with partners to manage stormwater and support transportation infrastructure resilience to extreme weather.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County, MnDOT, Watershed Districts

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Partnerships

Related Strategies: 3.A., 3.D.

Estimated Emissions Reduction: TBD

Co-Benefits: increased climate resilience, increased stormwater management

GOAL 3: USE LAND MANAGEMENT PRACTICES THAT ENHANCE CLIMATE RESILIENCE

Climate-smart land management practices have mitigation and adaptation benefits. For instance, planting native vegetation and focusing on soil health can increase the carbon sequestration potential of soil. The same practices can decrease urban heat island effects and increase stormwater infiltration, thereby reducing flood risk during extreme precipitation.

[Strategy 3.A: Update Local Surface Water Management Plan](#)

Update Local Surface Water Management Plan by 2028.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Watershed Districts

Timeline: By 2028

Estimated Cost: TBD

Potential Funding and Needed Resources: Financial support

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits: increased climate resilience, increased stormwater management

Strategy 3.B: Plant, seed, and manage climate-adapted trees

Plant, seed and maintain tree species and vegetation projected to do well under changing conditions on city property. Continue identifying, removing, disposing of and replacing public trees at risk of spreading disease or invasive pests. Replant with native, edible, or climate adapted species of trees.

Responsible Parties:

- Lead department or decision-making body: Admin, Public Works
- Supporting departments: Council
- Potential partners: DNR, Met Council

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Financial support, including grants

Related Strategies: 1.A., 1.B., 1.C., 1.D., 1.E. 3.D.

Estimated Emissions Reduction: TBD

Co-Benefits: increased biodiversity, increased climate resilience, increased stormwater management, increased shade / decreased heat, increased energy savings

Strategy 3.C: Explore creating a community garden.

Explore pathways to creating a community garden with external partners, identify feasible sites to place a community garden and co-develop operations and programming with Lauderdale residents, prioritizing climate-vulnerable residents.

Responsible Parties:

- Lead department or decision-making body: Admin, Public Works
- Supporting departments: Council
- Potential partners: Ramsey County Urban Agriculture, City of Falcon Heights

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Financial resources as community garden needs access to water source

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.D: Increase climate-resilient landscape practices.

Increase climate resilience of landscape management practices around public and municipal buildings including pollinator gardens and native plants/wildflowers.

Responsible Parties:

- Lead department or decision-making body: Admin, Public Works
- Supporting departments: Council
- Potential partners: -

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Experts for information

Related Strategies: 3.B.

Estimated Emissions Reduction: TBD

Co-Benefits: increased biodiversity, increased climate resilience, increased stormwater management, increased shade / decreased heat, increased energy savings

Strategy 3.E: Plant along TH280 sound barrier.

Engage with MNDOT to plant along the TH280 sound barrier. This can include trees, bushes, vines for beauty and offering cool shade.

Responsible Parties:

- Lead department or decision-making body: Admin, Public Works
- Supporting departments: Council
- Potential partners: MnDOT

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Connections to influence MnDOT

Related Strategies: 1.C., 3.D.

Estimated Emissions Reduction: TBD

Co-Benefits: decreased sound, increased shade, increased stormwater management

Thriving Communities

Protect against and limit the impacts of climate change on communities and critical facilities.

GOAL 1: LEVERAGE TECHNICAL ASSISTANCE, TOOLS AND DATA TO DETERMINE RISKS OF CLIMATE HAZARDS TO LAUDERDALE

It is critical to fully understand how climate hazards will affect Lauderdale so the City can take action to properly mitigate them. Through available national, state, and regional tools and technical assistance, the City can explore what is coming in the next few decades and determine how to best approach the issues.

[Strategy 1.A: Develop and understand metrics for community resilience.](#)

Develop metrics to understand how and where we are making progress towards greater community resilience.

Responsible Parties:

- Lead department or decision-making body:
- Supporting departments:
- Potential partners:

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 1.B: Focus resources to communities experiencing climate change most.](#)

Utilize the county's updated Climate Change Vulnerability Assessment (CCVA) to focus resources on communities at greatest risk of experiencing the negative impacts of climate change.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments:
- Potential partners: Ramsey County Public Health

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 1.C: Engage partners to improve data, research, and technical assistance.](#)

Engage with partners to utilize up-to-date climate modeling data, technical assistance and research in building climate-adaptation strategies.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: MCAP, University of Minnesota, Ramsey County, Met Council

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 1.D: Conduct asset mapping for emergency support.

Conduct asset mapping and facilitate external partner meetings to understand neighboring municipalities or outside organizations (like the University of Minnesota) that Lauderdale could receive support from in the event of emergencies.

Responsible Parties:

- Lead department or decision-making body:
- Supporting departments:
- Potential partners:

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 1.E: Evaluate preparedness and response plans.

Evaluate preparedness and response plans and identify resources needed for planning and responding to climate-related events such as extreme heat, drought, flood and severe storms—at regular intervals.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: Council
- Potential partners: Ramsey County Emergency Management or Public Health

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Ramsey County consultants for emergency preparedness planning

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

GOAL 2: SUPPORT INFORMATION SHARING AND LEARNING WITH RESIDENTS ON HOW TO PREPARE FOR EXTREME WEATHER EVENTS/CLIMATE HAZARDS

While the city can take action to mitigate climate hazards, there are many things that residents can do to keep themselves safe. By educating residents on how to handle these extreme events, the City can reduce risk and potential harm.

Strategy 2.A: Improve extreme weather planning for underrepresented and climate-vulnerable groups.

Work with underrepresented and climate vulnerable residents to ensure individuals have a plan for extreme weather events, including contingencies for multiple events. Host community conversations to ensure Lauderdale is meeting community needs and sharing educational materials. Continuously improve outreach methods based on feedback from community.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County Public Health, Emergency Management

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Additional facilitators and translated materials

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 2.B: Share resources about disaster preparedness

Share resources with residents, businesses, and industry related to disaster preparedness

Responsible Parties:

- Lead department or decision-making body:
- Supporting departments:
- Potential partners:

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

GOAL 3: PURSUE RESILIENT INFRASTRUCTURE AND CRITICAL FACILITIES UPDATES

As the climate warms, buildings and other infrastructure will need to withstand higher temperatures, more severe storms, and more significant flooding to protect residents. If done holistically, updating city facilities to meet these needs can also reduce their emissions impact.

Strategy 3.A: Investigate City Hall as a shelter or cooling station.

Determine whether Lauderdale City Hall could be a shelter or cooling station. If so, develop plan for improvements to City Hall and who will finance.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County Emergency Response

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Support to create and finance a plan and explore grant opportunities

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.B: Create resilience hubs.

Collaborate with communities and local organizations to create resilience hubs based in public and community buildings. These would provide culturally responsive services and support during climate-related events, such as extreme heat, extreme cold, flooding, air quality alerts and power loss.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County Emergency Response, Peace Congregation

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Support to create and finance a plan and operations during event

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.C: Explore organized waste collection.

Explore options for organized collection to decrease impact of large and heavy trucks on municipal street.

Responsible Parties:

- Lead department or decision-making body: Admin / Public Works
- Supporting departments: Council

- Potential partners: Other cities and garbage haulers

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.D: Prioritize green stormwater infrastructure.

Prioritize the use of green stormwater infrastructure practices in municipality-funded and/or owned developments and along roadways within stormwater regulatory programs to increase resilience to floods.

Responsible Parties:

- Lead department or decision-making body: Admin / Public Works
- Supporting departments: Council
- Potential partners: Watershed District

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

GOAL 4: REDUCE WASTE AND PROMOTE BENEFICIAL USE OF MATERIALS.

Waste produces greenhouse gas emissions when it is burned or digests anaerobically in a landfill, but it is also an inefficient use of money and resources. The City can demonstrate good climate and financial stewardship by reducing waste and promoting reuse.

Strategy 4.A: Share information about recycling and composting resources with residents.

Share information about county and city recycling and composting resources with residents such as food scrap pick up program (Recycling and Energy Center), Ramsey County food scraps drop off sites, backyard composting with Master Gardeners.

Responsible Parties:

- Lead department or decision-making body: Admin / Public Works
- Supporting departments: Council
- Potential partners: Ramsey County, MDH

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Messaging resources from Ramsey County

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 4.B: Reduce barriers for local food donation, rescue, and programs.](#)

Reduce barriers for local food donation and food rescue organizations, and climate sensitive food-to-animal programs.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Food shelves, Ramsey County

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Resources to coordinate this effort

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 4.C: Expand composting and recycling at events.](#)

Offer expanded composting and recycling at community events and Sustainability Fair.

Responsible Parties:

- Lead department or decision-making body: Admin / Public Works
- Supporting departments: Council
- Potential partners: Ramsey County, SCORE Funding

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Additional contractors for sorting types of trash.

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 4.D: Develop and implement city-wide swap events for residents.](#)

Develop and implement or coordinate with other Ramsey County cities to host city-wide swap events for residents, promoting material reuse and preventing reusable items from entering the waste stream.

Responsible Parties:

- Lead department or decision-making body: TBD
- Supporting departments: TBD
- Potential partners: Ramsey County cities

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 4.E: Promote programming and initiatives related to air quality.](#)

Promote metro or statewide programming and initiatives related to air quality, primarily focusing on tools and educational materials such as AC/appliance swaps and/or building Corsi-Rosenthal air filters that help reduce waste and protect residents from extreme heat.

Responsible Parties:

- Lead department or decision-making body:
- Supporting departments:
- Potential partners: Ramsey County cities, Ramsey County Environmental Center

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 4.F: Explore development and implementation of programs, practices, and incentives for more sustainable consumption.](#)

Increase capacity within Lauderdale to explore the development and implementation of programs, best practices, resources, incentives and communications with residents to address barriers and encourage more sustainable consumption, behaviors and use of sustainable materials and products.

Responsible Parties:

- Lead department or decision-making body: Admin
- Supporting departments: Council
- Potential partners: Ramsey County Public Health, County volunteer programs like Recycling Ambassadors, MN Waste Wise

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Additional facilitators or subject-area experts

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Clean Energy and Efficient Buildings

Reduce greenhouse gas emissions in buildings by promoting conservation and efficiency in energy use, maintenance practices, building design and construction.

GOAL 1: TRACK AND REDUCE ENERGY USE AND PURSUE 100% CARBON-FREE ENERGY SOURCES

Energy is the second-largest contributor to Lauderdale's greenhouse gas emissions. Switching to carbon-free energy production, like solar, wind, or geothermal, is one of the most cost-effective ways to take climate action.

Strategy 1.A: Identify opportunities to electrify municipality-owned buildings.

Identify opportunities to electrify energy used in municipality-owned buildings (battery storage or charging station).

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: State of Minnesota, Xcel Energy

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Funding

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 1.B: Find training and resources to expand awareness and knowledge to reduce energy use.

Seek out training opportunities or resources to expand facility manager awareness and knowledge in reducing energy use. Work with partners such as Ramsey County, Met Council, etc. on best practices.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: State of Minnesota, Xcel Energy, Ramsey County

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Knowledge on creating appropriate changes

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

GOAL 2: INCREASE ABILITY OF BUILDINGS TO WITHSTAND THE IMPACTS OF CLIMATE CHANGE

Add detail here.

Commented [ST10]: This goal is extremely similar to Thriving Communities Goal 3 - consider combining?

Strategy 2.A: Encourage resilience efforts in new and rehabbed municipality-owned and funded buildings.

Encourage developers of new municipality-owned or municipality-funded housing construction and rehabilitation to plan for resiliency/adaptation, while increasing affordability and maintaining urban density.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 2.B: Adapt energy goals for city-owned buildings with energy monitoring.

Adapt energy goals for city-owned buildings utilizing real-time monitoring of building energy consumption and recommend strategies for energy consumption reduction.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, Xcel energy

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Knowledge on creating appropriate changes

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

GOAL 3: PROVIDE RESOURCES TO RESIDENTS ON ALTERNATIVE ENERGY AND ENERGY EFFICIENCY OPTIONS

More than half of Lauderdale's energy use is attributed to residential buildings. There are many actions that homeowners, landlords, and even renters can take to reduce residential energy use and, by extension, their utility bills.

Strategy 3.A: Consolidate and streamline programs for energy assistance, weatherization, and utility efficiency.

Identify opportunities to consolidate and streamline programs that provide energy assistance, weatherization, and utility efficiency to make them easier to access, navigate and scale up in both multifamily and single-family buildings. Develop strategies specific to both renters and homeowners - especially in multi-family housing upgrades and for underrecognized and climate vulnerable communities.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, Xcel Energy, Center for Energy and Environment

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Avenues to reach more residents

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 3.B: Share guidance on alternative energy resources.](#)

Share clear guidance on alternative energy resources with residents.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, Xcel Energy

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Information to share

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 3.C: Provide incentives and disincentives to reduce energy use.](#)

Provide incentives (such as rebates) and disincentives (such as peak period pricing) for homeowners and businesses to reduce energy use during peak times.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Xcel Energy

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Xcel Energy to lead and Lauderdale to support.

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.D: Financially support vulnerable residents to reduce energy burden.

Pursue resources for financially supporting underrepresented and climate-vulnerable residents to reduce energy burden by utilizing alternative energy at home.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, Xcel Energy, Center for Energy and Environment

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Avenues to reach more residents

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.E: Share resources to fund energy retrofitting for low-to-moderate income residents.

Share resources with and seek funding to allow low / moderate income residents to complete energy retrofitting.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, Xcel Energy, Center for Energy and Environment

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Avenues to reach more residents.

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

GOAL 4: DESIGN AND BUILD CLIMATE-SMART NEW BUILDINGS

Construction and redevelopment create ample emissions, and lead to even more if the new or rehabbed buildings are inefficient or not resilient. Setting climate-smart building standards reduces emissions near-term and over time, helping the city align with statewide carbon reduction targets.

Strategy 4.A: Adopt climate-resilient design and construction standards.

Adopt standards for ensuring climate resiliency in design and construction via permitting process.

Responsible Parties:

- Lead department or decision-making body: Contracted Building Official
- Supporting departments: City Council

- Potential partners: Rum River, DOLI, Ramsey County

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Knowledge on creating appropriate changes

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 4.B: Support and promote adaptive reuse.](#)

Support and promote adaptive reuse of existing buildings to reduce construction waste and retain embodied carbon in existing construction materials.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Resources to educate contractors

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 4.C: Promote low-carbon, reused, and recycling building materials.](#)

Promote the use of low-carbon and reused and recycled construction materials in new building designs.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Demo Contractors

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Industry knowledge

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 4.D: Expand deconstruction and reuse of construction materials.](#)

Expand deconstruction and reuse of construction materials where demolition cannot be avoided.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Demo Contractors

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Industry knowledge

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 4.E: Support construction waste recycling.](#)

Support recycling of construction waste that cannot be reused in the construction market.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Demo Contractors

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Industry knowledge

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Healthy Lives

Partner with community to reduce the direct and indirect health impacts of climate change.

GOAL 1: PROMOTE PROGRAMS FOR INDIVIDUALS TO IMPROVE HOMES AND YARDS

Residents can conserve resources and save money by changing the way they manage their homes and yards.

Strategy 1.A: Encourage reducing water consumption and water reuse.

Encourage reducing water consumption and reuse of water to increase resilience to drought (via St. Paul Regional Water).

Responsible Parties:

- Lead department or decision-making body: City Administrator, Public Works
- Supporting departments: City Council
- Potential partners: St. Paul Regional Water

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Ability to support St. Paul Regional Water's messaging.

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 1.B: Promote rain barrels and compost bins.

Promote the purchase of rain barrels and compost bins for individual use.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County Environmental Health

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 1.C: Promote soil testing.

Promote the testing of yards for soil health to reduce use of chemical management.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council

- Potential partners: Ramsey County Environmental Health

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 1.D: Educate on at-home and neighborhood climate resilience tools.

Provide education to help residents enhance climate resilience at their homes and in their neighborhoods including pollinator gardens, bee lawns, leaving leaves in gardens, composting, etc.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, DNR, Master Gardner

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 1.E: Promote Ramsey County fix-it clinics and host one in Lauderdale.

Promote Ramsey County sponsored fix-it clinics and work with County to host one at Lauderdale City Hall.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County Environmental Health

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 1.F: Host swap and trading events.

City explore options to host virtual and in-person "Buy Nothing," tool swap or trading / swapping events.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County Environmental Health, Northeast Tool Library

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 1.G: Host community garden.](#)

Explore options to host community garden. Learn from other cities best practices for funding and managing community gardens.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County Environmental Health, other cities

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

GOAL 2: SHARE INFORMATION AND RESOURCES THAT SUPPORTS HEALTHY WORKPLACES

Climate adaptation includes making sure that workers are safe and protected even as the climate changes. The city can provide information to municipal staff and residents to reduce risk.

[Strategy 2.A: Provide guidance to municipal staff on outdoor worker health impacts.](#)

Provide guidance to municipality employees on extreme heat and poor air quality for the health and safety of outdoor workers.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners:

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Educational materials, PPE, cooling kits, air filters

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 2.B: Provide emergency response training for municipal staff.](#)

Provide culturally-responsive, trauma-informed emergency response training for municipality staff.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County Environmental Management or Public Health

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Partner to train staff

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

[Strategy 2.C: Support climate programming for at-home workers.](#)

Support home-based businesses and those working from home to participate in climate-based programming.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners:

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

GOAL 3: PROMOTE PROGRAMS THAT SUPPORT COMMUNITY RESIDENTS AND EMPLOYEES' PHYSICAL AND MENTAL HEALTH.

Climate change has clear impacts on physical and mental health. Extreme heat and severe storms increase risk of illness and injury, while climate anxiety and grief can be just as detrimental to minds.

[Strategy 3.A: Promote access to health services.](#)

Promote access to culturally-responsive, affordable, healthcare and mental health services to protect public health and create a healthy foundation for climate resiliency.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: SAPAS, NYFS

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.B: Prioritize pollution reduction.

Prioritize climate actions that also reduce other types of pollution, especially in areas disproportionately impacted by pollution and climate change.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners:

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.C: Promote actions that reduce food insecurity.

Promote actions, policies and programs that reduce food insecurity and increase access to culturally- and medically- appropriate foods that meet dietary needs.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Meals on Wheels, Ramsey County Public Health, Ramsey County Urban Agriculture Coordinator, Ramsey County Health Aging

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.D: Partner and share resources with vulnerable communities on climate health impacts.

Partner and share resources with underrecognized and climate vulnerable communities, to raise awareness of the health impacts of climate change, including: changes to vector-borne, respiratory, cardiovascular and waterborne diseases; heat illnesses; poor mental health.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County Emergency Management, Public Health, Local Civic Groups

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.E: Partner with educational institutions about climate change impacts and adaptation strategies.

Partner with educational institutions (University of Minnesota / ISD 623) to teach students about the mental and physical health impacts of climate change and adaptation strategies.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: University of Minnesota, Local schools

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources:

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Clean Economy

Build an economy that addresses climate change and creates equal opportunities for all residents.

Goal 1: Help residents and business owners leverage applicable funding.

The state, Metropolitan Council, and county provide millions of dollars in climate-related funding each year. Lauderdale can help residents and local business owners access this funding to jumpstart climate action and bring additional economic investment to the community.

Strategy 1.A: Share funding opportunities with residents and businesses.

Share current funding opportunities available to county residents and businesses in plain language via web and print. Link to MN Commerce, Ramsey County Community Economic Development, other partners.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, Chamber of Commerce

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Outside assistance

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 1.B: Provide support to community-based organizations pursuing climate funding.

Provide technical assistance, data, resources and support to community-based organizations serving jurisdictional areas to pursue climate-focused funding opportunities.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, Chamber of Commerce

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Outside assistance

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

GOAL 2: SUPPORT THE DEVELOPMENT AND GROWTH OF BUSINESSES LEADING THE JUST TRANSITION TO A CLEAN ECONOMY

Context paragraph on how the goal is related to GHG emissions

Businesses bring economic benefits to the City and can create change in ways municipal governments may not be able to. By helping local businesses step into the role of climate action implementation, the City can increase its impact and meet climate goals faster.

Strategy 2.A: Foster sustainable business development.

Develop strategies that foster sustainable business development and coordination within the municipality.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, Chamber of Commerce

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Outside assistance

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 2.B: Promote sustainable consumption and production.

Promote sustainable consumption where products are more durable, easier to repair, rent or share through training of employees, educating county residents and offering financial incentives for businesses that produce sustainable products.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, Chamber of Commerce, Northeast and St. Paul Tool Library, Ramsey County Environmental Center (Fix-It Clinics)

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Outside assistance

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

GOAL 3: SUPPORT JUST WORKFORCE TRANSITIONS INTO THE GREEN ECONOMY

As the climate changes, some industries are becoming obsolete, while others are just beginning to take off. No one should be left behind, so the City can take action to ensure that all workers have access to fulfilling, high-paying, and climate-positive careers.

Strategy 3.A: Refer residents to learn about and train for climate-driven careers.

Refer unemployed and underemployed residents to learn about and train for new climate driven career pathways through Ramsey County including Green Expo, Workforce Solutions, and Workforce Innovation Board of Ramsey County.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, Chamber of Commerce

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Outside assistance

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.B: Share and provide resources for businesses to be inclusive and green.

Share and provide resources to current and incoming businesses, encouraging them to be inclusive, green, and retain climate-vulnerable residents.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: Ramsey County, Chamber of Commerce, Metro colleges

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Outside assistance

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy 3.C: Expand programs that support learning, career, and educational opportunities for vulnerable communities.

Expand or replicate community- and school-based programs that support STEM learning, career awareness and technical education programs within underrecognized and climate-vulnerable communities.

Responsible Parties:

- Lead department or decision-making body: City Administrator
- Supporting departments: City Council
- Potential partners: ISD 623 and other area schools, Ramsey County WFS team that engages with this age group

Timeline: TBD

Estimated Cost: TBD

Potential Funding and Needed Resources: Outside assistance

Related Strategies:

Estimated Emissions Reduction: TBD

Co-Benefits:

Strategy Implementation Table

Fill in the table below for every CAP strategy.

Strategy #	Strategy Name	Priority/Phase	Responsible Party	Timeline/Due Date
1	Example Strategy 1	2	Admin	Q4 2029

Strategy A: Fund non-motorized and public transit.			
Collaborate with the Metropolitan Council to direct more resources towards non-motorized transportation and public transit. Funds would support improved pedestrian, bicycle and public transit infrastructure that is accessible, safe, and desirable to people of all ages, abilities and skill levels.			
Responsible Parties	Needed Resources	Estimated Costs	Related Strategies
Lead Dept: Admin Supporting Dept: Council Outside Partners: Ramsey County, Metropolitan Council	Dreek fill in	TBD	Strategy/Goals *relate to ones within other goals
Timeline	Emission Reduction Estimates	Co-Benefits	
TBD	TBD	Reduced air pollution, increased accessibility, improve safety *focus on direct co-benefits	

Commented [ST11]: Potential alternative format for climate strategies