

Sustainability Advisory Board

Agenda

September 20, 2023
Louisville Public Library, Second Floor Board Room
951 Spruce Street
6:30 PM

Members of the public are welcome to attend and give comments remotely; however, the in-person meeting may continue even if technology issues prevent remote participation.

- *You can call in to +1 408 638 0968 or 833 548 0282 (Toll Free)*
Meeting ID #829 8194 5389
Meeting Password # 741017
- *You can log in via your computer. Please visit the City's website here to link to the meeting: www.louisvilleco.gov/sustainabilityboard.*

The Board will accommodate public comments during the meeting. Anyone may also email comments to the Board prior to the meeting at KBetzold@LouisvilleCO.gov.

- I. Call to Order
 - John is September secretary.
- II. Roll Call
- III. Approval of Agenda
- IV. Approval of Minutes
- V. Public Comments on Items Not on the Agenda – 10 minutes
 - 3 minutes per comment
- VI. Staff Updates – 10 minutes
- VII. Discussion Item: Annual Sustainability Update – 30 minutes

Persons planning to attend the meeting who need sign language interpretation, translation services, assisted listening systems, Braille, taped material, or special transportation, should contact the City Clerk's Office at 303.335-4536 or MeredythM@LouisvilleCO.gov. A forty-eight-hour notice is requested.

Si requiere una copia en español de esta publicación o necesita un intérprete durante la reunión, por favor llame a la Ciudad al 303.335.4536 o 303.335.4574.

- Staff Presentation
- Public Comment (3 minutes per comment)
- LSAB Discussion

VIII. Discussion Item: Internal Decarbonization Plan Memo – 20 minutes

- Staff Update
- Public Comment (3 minutes per comment)
- LSAB Discussion

IX. Sub-Committee and Board Member Updates

X. Administrative Tasks

- Staff to write next Spotlight, due October 15
- October Meeting Canceled

XI. Discussion Items for Next Meeting

XII. Adjourn

Sustainability Advisory Board

Meeting Minutes

August 16, 2023
Louisville Public Library, Second Floor Board Room
951 Spruce Street
6:30 PM

Call to Order – Chairperson Todd Budin called the meeting to order at 6:34 pm.

Roll Call was taken and the following members were present:

Board Members Present: Tiffany Boyd (remote), Todd Budin, Josh Cooperman, John Cowley, Dan Mellish and Megan Ottesen

Staff Members Present: Kayla Betzold

Approval of Agenda –

Dan moved to approve the agenda; Megan seconded the motion. The agenda was approved by all members.

Approval of Meeting Minutes –

Josh put forward two corrections to last month's meeting minutes. First, in his public comments on items not on the agenda, RJ had voiced concern about the meetings of the Community Decarbonization Planning Stakeholder Group being closed to the public. Second, in RJ's public comment concerning electrification rebates, the minutes should read "methane burning" not "methane producing". With these corrections Dan motioned to approve the minutes, and Megan seconded his motion. The minutes from the July 19, 2023 meeting were approved with corrections.

Public Comments –

RJ Harrington: RJ led the meeting in a moment of silence for the victims of the Maui wildfire, a climate change-fueled disaster, noting his extended family in Hawaii and a sister company in Hawaii. Looking into the memorandum of understanding approved by City Council for the Community Decarbonization Planning effort, he found no reference to the meeting being closed to the public. He would like the community to understand how it was decided that the meeting would be closed to the public.

Staff Update –

Kayla provided City updates to the board. John asked for more information about the Solar United Neighbors event at the Lafayette Library. Kayla explained that Solar United Neighbors is essentially a residential rooftop solar cooperative that enables groups of residents to obtain rooftop solar systems at bulk prices. Solar United Neighbors advertises an RFP and selects a single installer from the respondents. Residents typically save 10% to 20% on the cost. John asked if there is a target number of participating residents. Kayla responded that all Boulder County residents can apply to participate but that there is currently a waitlist for participation. Solar United Neighbors gives residents about one to two months to decide if they would like to participate. Solar United Neighbors typically installs 50 to 100 rooftop solar systems through one RFP. John asked about how the Board could advertise this opportunity. Kayla suggested that the Board could advertise at Ecotober and other similar events. Solar United Neighbors will also host a booth at Ecotoberfest. John asked about the impact of Xcel's hosting capacity issues on Solar United Neighbors plans. Kayla responded that Solar United Neighbors has been working on this issue with Xcel. The RFP will ask bidders to indicate their familiarity with Xcel's hosting capacity issues and associated processes. Megan inquired about determining Xcel's hosting capacity at the addresses of participating residents. Kayla replied that Xcel was likely not willing to modify their current processes to perform a bulk review. Todd noted

that rooftop solar installations are going forward in areas marked in red on Xcel's hosting capacity map.

Todd inquired about the status of the energy efficiency and electrification rebates for Louisville residents through EnergySmart. Kayla replied that she hopes to be able to advertise the rebates at the Labor Day harvest festival.

Kayla added a staff update concerning City Council's discussion of the internal decarbonization plan. She reported that City Council scheduled a special meeting on 24 October to continue its discussion. Megan asked about issues that City Council had with the internal decarbonization plan. Kayla replied that City Council wants further information on the options for financing this decarbonization. She noted that City staff has begun to plan for the meeting on 24 October and that she might engage someone from the Colorado Energy Office to attend. Tiffany inquired about how the 17 October budget meeting and the 24 October decarbonization plan meeting might complement one another. Kayla noted that the City has budgeted \$1.5 million in 2023 and 2024 towards implementation of the internal decarbonization plan. City Council will examine the entire budget at the 17 October meeting, work that will inform the 24 October meeting. Tiffany emphasized the importance of maintaining momentum and positivity through the 24 October meeting. Kayla added that the financing options do not involve much more than the \$1.5 million per year financial commitment from the City. She suggested that the Board could write another letter to City Council in advance of the 24 October meeting. Megan expressed her support for writing a letter. Kayla further added that she is unsure of City Council's primary hesitancy regarding the financing options. Dan suggested that the Board members reach out to City Council members. Kayla added that she does not want all of the internal decarbonization planning work to go to waste. John suggested that City Council members would find helpful a very explicit sequencing of projects and expenses, which is largely included in the plan. Kayla pointed out that the upfront costs of solar arrays appeared to be a concern. John

suggested that this concern is based on a misunderstanding. Todd recommended that Board members to some outreach and data gathering and that the Board discuss again at its September meeting.

Finally, Kayla noted that the Louisville 2045 survey on Engage Louisville is not technically part of the Comprehensive Planning process.

Discussion Item – Home Electrification Overview

Todd explained that he wanted to walk through the basics of home electrification with the Board so that Board members can serve as informed advocates in the community.

Todd began with a home's electric panel. A homeowner might need to upgrade the electrical panel before electrification, particularly if the home currently has mostly natural gas appliances and gasoline-powered vehicles. He directed the Board to his handout. Empty breaker spaces in an existing panel can be sufficient. An existing panel's amperage, usually 100 A or 150 A, may or may not be sufficient depending on the degree of electrification. John inquired about the source of the added amperage; Todd replied that neighborhood electrical lines typically can carry the added amperage to a home. Beyond upgrading an electric panel, a homeowner will need to run wire to new electric appliances, the cost depending on the amount and gauge of wire required. Todd noted that "smart" electric panels are not yet worthwhile. Josh inquired about whether permits are required for this work; Todd replied that permits are typically required. Megan pointed out that Xcel has a wiring rebate for EV charging. Todd noted that the Inflation Reduction Act includes wiring rebates, which have yet to be rolled out. Dan inquired about the possibility of a solar array powers EVs, electric appliances, and such; Todd replied that there are ways to accomplish this. RJ interjected that an electrical engineer should approve the load calculations on an electrical service upgrade permit. Dan also inquired about using EVs as battery backups.

Todd next discussed electric water heaters. He directed the Board to his handout. John inquired about the issue of recovery time for electrical resistance water heaters. Todd then discussed EV charging. He directed the Board to his handout.

Todd finally discussed electric heat pumps. He directed the Board to his handout. Tiffany asked about the reasons for making and selling heat pumps with lower HSPF ratings; Todd replied that such heat pumps are appropriate for milder climates and noted that Xcel's heat pump rebates are tailored to Colorado's climate.

Public Comment

RJ Harrington: RJ explained that his family electrified its home in 2009 with a ground source heat pump. He did not recommend ground source heat pumps for other Louisville residents owing to the presence of coal mine chambers and shafts lurking below the ground's surface.

LSAB Discussion

Josh inquired about the impacts of the locations of existing duct vents on heating and cooling with the same heat pump.

Tiffany suggested that Todd's presentation become some sort of service that the Board offers since Todd is so good at conveying the relevant information. Todd suggested that the Board could organize neighborhood workshops. Tiff endorsed this idea.

John wondered if there is a resource to be tapped in those Louisville residents rebuilding from the Marshall fire, especially to the 2021 IECC (or stricter) building codes, as these residents are installing electric appliances. Todd pointed out that those rebuilding are planning for electrification from the beginning but that most

Louisville residents are retrofitting existing homes. John also wondered about promotion of induction cooking stoves.

Discussion Item – Outreach and Engagement

Kayla asked if the Board wants to have some sort of entry in the Labor Day Parade. She noted that Hannah Miller is willing to staff a booth at the Labor Day harvest festival. Kayla also asked if the Board wants to table at Ecotober. She stated that City staff is forming a team to discuss neighborhood engagement strategies more generally. She wants to delay a discussion of this topic at a Board meeting so that City staff's initial work can be incorporated. Todd inquired about interest in participating in the Labor Day Parade. Megan indicated that she might be interested. Tiffany volunteered to help Hannah at the Labor Day harvest festival after the parade. Todd inquired about interest in participating in Ecotober. Josh and Todd indicated that they could likely table.

Sub-Committee and Board Member Updates –

None

Administrative Tasks –

Megan volunteered to write the October Sustainability Spotlight on the new energy efficiency and electrification rebates for Louisville residents. Dan volunteered to write the December Sustainability Spotlight. John is September secretary.

Discussion Items for Next Meeting –

The Board did not further discuss such items.

Adjourn –

Megan moved to adjourn the meeting and Dan seconded the motion. The meeting was adjourned at 8:01 p.m.

Sustainability Advisory Board

Meeting Minutes

July 19, 2023
Louisville Public Library, Second Floor Board Room
951 Spruce Street
6:30 PM

Call to Order – Chairperson Todd Budin called the meeting to order at 6:34 pm.

Roll Call was taken and the following members were present:

Board Members Present: Tiffany Boyd, Todd Budin, Josh Cooperman,
John Cowley, Dan Mellish and Megan Ottesen

Board Members Absent: Lev Szentkiralyi

Staff Members Present: Kayla Betzold

Approval of Agenda –

Tiffany moved to approve the agenda; Dan seconded the motion. The agenda was approved by all members.

Approval of Meeting Minutes –

Josh moved to approve last meeting's minutes; Tiffany seconded the motion. The minutes from the June 21, 2023 meeting were approved as written.

Public Comments –

RJ Harrington: RJ stated that he was not chosen for the Community Decarbonization Plan stakeholder group and asked how he will be able to engage with the project. He was not able to find information about the project on

the City website and did see the Engage Louisville website page for the project. He asked that the City make this information more readily available to the public and voiced concern about the stakeholder meetings being closed to the public.

Staff Update –

Kayla provided City updates to the board. She started by explaining that the Community Decarbonization Plan stakeholder meetings are not open to the public and that slides and notes from these meetings will be published on the project's Engage Louisville page after each workshop. Additionally, community members are able to engage with the project through a community survey in fall 2023, either through alignment with the Comprehensive Plan survey or available on the Engage Louisville page. There is also information about this project included in the fall Community Update, however the primary way to engage with the project is via Engage Louisville.

Kayla noted the compost contamination metrics included in the staff update, per Lev's suggestion at the June meeting. In June, there were no loads of compost landfilled due to contamination. The community diversion rate has increased from historical trends, with 2022 as an outlier due to Marshall Fire recovery and scrap metal diversion.

Todd asked about the Ice Box Challenge. Kayla explained that the project is led by the Passive House Network and was highlighted in the July Sustainability Spotlight. The goal of the project is to visualize how quickly one ton of ice melts in a passive-designed structure versus a code compliant structure. He asked how people can take action when they view the structures. Kayla answered that there is information about the Passive House Network on the structures. Todd replied that residents who are not building a new house may not have an action item after viewing the structures. Kayla will connect Tiffany and Todd with the Sustainability Specialist (Hannah) and the Passive House Network team to coordinate on next steps. Hannah is also scheduling social media posts for the project. Todd suggested we asked residents to reach out to EnergySmart to understand energy efficiency and electrification rebates available to them.

Tiffany asked about the bag tax funded waste diversion programs. Kayla replied that phase 1 will include businesses that are compliant with bag tax remittance. Hannah is working to develop and coordinate programs and they will be launched in mid October.

Josh asked if the commercial energy code meeting was staff driven or if it came from community member requests. Kayla responded that it was both a top down and bottom up topic. Staff will be going to Council in the fall with potential amendments to the code and the goal of the meeting is to clarify which amendments are necessary.

Tiffany asked about the Internal Decarbonization Plan implementation, including Energy Performance Contracting (EPC). Kayla responded that implementation is contingent on the Plan being adopted by Council on August 15. She has applied for \$7.5M in grants and if the Plan is adopted, the City is almost through phase 1 of EPC. The City would only need to complete final design and move into construction.

Josh asked about solar interconnection issues. Kayla responded that the issues have not been resolved, but there has been conversations between Xcel, cities, and solar developers and a process has been agreed upon. In regards to Solar United Neighbors, Xcel has offered suggestions about questions to include in the RFP to ensure the solar developer selected understands the interconnection process, to ensure program success.

Josh asked about the renewable energy portfolio and if there was a possibility to include other vendors for solar garden subscriptions. Kayla responded that US Solar is published in the renewable energy portfolio now, as the company was vetted through City Manager's Office and LSAB earlier this year and the portfolio will include a link to Xcel's website which lists other companies with current subscriptions available. Cara Hymphrey is able to attend as an agenda item for discussion in the future.

Discussion Item – Residential Energy Efficiency and Electrification Rebates

Todd Budin provided the board with information about proposed energy efficiency and electrification rebates that would be provided through Boulder County's EnergySmart program in conjunction with County and Xcel rebates. Program budget for 2023/2024 rebates is \$40,000. Residents interested in rebates would be required to enroll in EnergySmart. Then, they would be assigned a case manager to help advise about available rebates. For more information, view the July LSAB packet.

Public Comment

RJ Harrington: RJ went through this process in 2009 and received rebates available through EnergySmart. To receive Xcel rebates, the contractor must be on the Xcel list. He suggests the board not recommend full electrification because it would use the available budget quicker and recommends an emphasis on methane burning products.

LSAB Discussion

Kayla started the discussion by asking Todd how the rebates compare to the City of Boulder. Todd responded that they are similar, within \$100 of Boulder rebate amounts. She asked how the rebates compare to Boulder County and Todd responded that Boulder County rebates are smaller, but they don't require you to use an Xcel contractor.

Tiffany asked to see a comparison in CO2 emissions before and after upgrades. Todd responded that it's tough to determine with Xcel's energy mix.

Josh asked if some of the money should be used for advertising and suggested a direct mailer to every resident that lists rebates amounts and options. Kayla mentioned that it costs \$6,000 - \$8,000 to do a citywide mailer, but we could advertise in the water utility bill insert at no cost. The board recommended a robust sub-page on the sustainability website to explain this program and promote the rebates.

John added that cars are the largest source of residential emissions. He asked if there are rebates for electric vehicles. Kayla responded that [Drive Clean Colorado](#) is the best source of information about EV incentives and the City is a community partner, but does not offer our own EV rebates. John said that if a

resident drives 25 miles per day, they raise their home electric consumption by 50%. He wondered if Xcel has rebates for electrical panel upgrades and if they have capacity to accommodate a large increase in EVs. He also wondered how we set up a simple process to navigate resources. Todd responded that the EnergySmart case manager helps to navigate the process for residents. Kayla asked the board to make a recommendation to her, including a recommendation about utilizing some available funds for marketing. The board decided to recommend the City first advertise the program in the utility bill insert and promote it at Ecotoberfest. If there is low adoption with zero cost marketing strategies, the City should revisit marketing strategies and consider low cost marketing solutions, such as yard signs for homes that utilize the rebates with QR codes for their neighbors to learn more about available incentives.

Discussion Item – Internal Decarbonization Plan Draft Memo

Josh provided the board with a draft Internal Decarbonization Plan memo for review and approval.

Public Comment

None.

LSAB Discussion

The board agreed to support the draft memo as written. John emphasized the focus on Plan implementation accountability. Kayla said that it's important to make the point that decarbonization cannot happen until we electrify and remove fossil fuels from buildings and fleet. The City is currently purchasing renewable energy credits to claim 100% carbon-free electricity, but the fossil fuels are prohibiting the City from reaching decarbonization goals. Kayla reminded the board that the Internal Decarbonization Plan is going to City Council on August 15 and encouraged members to support the plan's adoption through public comment at the meeting. Megan made a motion to approve the memo. Tiffany seconded the motion. The memo was approved by all members in attendance.

Discussion Item – Lawn Equipment Electrification Memo

Kayla provided the board with an update on lawn equipment electrification policy and programs in the region. This item was included on the City of Boulder and Louisville City Council 2023 Work Plans and there is interest regionally for policy related to lawn equipment bans. PACE has found that companies are waiting for equipment to arrive, as availability cannot keep up with demand. Kayla asked the board if they'd like to draft a memo to Council encouraging them to include this item on the 2024 Work Plan.

Public Comment

None.

LSAB Discussion

Tiffany said there is benefit to keeping this topic on the forefront. Todd agreed and recommended that Council put this item on the 2024 Work Plan for focus in the second half of the year. Josh said he hoped Council would take on the topic this year, but didn't believe it was a priority to City leadership. The board discussed the financial impacts and agreed there are no hard costs to the lawn equipment ban, but that enforcement of the policy may cause a significant financial burden. The board agreed to draft a memo to reiterate their messaging from late 2023 that banning gas powered lawn equipment is important to residents and that it's a large health and EDI issue. They are going to recommend prioritization of this topic in the 2024 Work Plan, if it's not taken up in 2023.

Sub-Committee and Board Member Updates –

None

Administrative Tasks –

Megan will write the August Sustainability Spotlight. Lev is the August secretary.

Discussion Items for Next Meeting –

Kayla said that the August meeting would include a discussion about community and neighborhood engagement strategies. Kayla will talk to Hannah about presenting neighborhood engagement programs in August.

Adjourn –

Tiffany moved to adjourn the meeting and Dan seconded the motion. The meeting was adjourned at 8:26 p.m.

Memorandum

To: Louisville Sustainability Advisory Board
From: Kayla Betzold, Sustainability Manager
Date: September 20, 2023
Re: Staff Updates

Events

- [Ecotoberfest](#) will be in Louisville at Community Park on Saturday, October 7 from 2:00 – 6:00 p.m. and will feature live music, sustainability-themed vendors, an EV and e-bike showcase, food trucks and kids activities.
 - Volunteer recruitment is happening now. [Click here to complete the volunteer registration.](#)
 - Share information about event through personal channels
- The Solar United Neighbors co-op is hosting a Solar 101 event on Wednesday, October 25 from 5:30 – 7:00 p.m. at the Boulder Public Library. Additionally, there is a virtual Solar 101 event on Wednesday, November 15 from 6:00 – 7:30 p.m.
 - Find out more and register for these events [here](#).
 - The [Boulder County Co-op registration](#) is open through the end of November.

Projects and Programs

- The Green Business Program is now open to new businesses and re-certification for existing businesses. The applications will be open through September 30, 2023.
- The new bag tax programs are being developed and the programs will launch for eligible businesses in mid-October.
- The new EE/electrification rebates are available on the [EnergySmart website](#). Find more detailed information about eligible measures [here](#).
 - Information about these rebates will be advertised in the October e-newsletter and utility bill insert, along with the Winter Community Update.
- The renewable energy portfolio is published and available on the City's Sustainability [Energy sub-page](#).
 - This portfolio is highlighted and linked in the fall Community Update and will also be included in the winter Community Update.

Council Work Plan Items

- Staff presented a Community Decarbonization Plan (CDP) update to City Council on 9/19.
 - A community survey will be available on the project's [Engage Louisville page](#) from September 25 – October 20.
 - The project is scheduled to be completed in early 2024.
- The Internal Decarbonization Plan will go to Council for adoption on October 24.
- The City's Comprehensive Plan project has begun. Stay up to date with the project [here](#).
- A [2024 City Council Work Plan](#) meeting was held on Tuesday, September 12. "City Climate Change/Greenhouse Gas Reduction Initiatives: Implementation of internal strategic decarbonization plan for City facilities and operations & community decarbonization plan" is a high priority item and "Sustainability Programs" is a medium priority item. The work plan has not yet been adopted.
- The City's public hearing for the dark sky ordinance is scheduled for October 2.
- The City's public hearing for the 2024 budget is scheduled for October 17.
- The City's public hearing for energy code amendments is scheduled for November 6 (date may change).
 - This is not a Council Work Plan item but is an item that Council directed staff to work on in 2023.

LSAB

- **Canceling October LSAB Meeting** - Todd, Kayla and Hannah will be out of town at a conference.

DRAFT Memorandum

To: Louisville City Council Members
From: Louisville Sustainability Advisory Board
Date: August 15, 2023
Re: Internal Decarbonization Plan

Dear Louisville City Councilmembers

The Louisville Sustainability Advisory Board writes you today regarding McKinstry Engineering's plans for decarbonizing the City's buildings and operations. First of all, the Board wishes to commend City Council for recognizing the necessity of and prioritizing the planning for this municipal decarbonization. The Board also appreciates being involved in the planning process. Moreover, the Board applauds City Council's goal of complete municipal decarbonization by 2030. The Board considers municipal decarbonization to be the City's singlemost important sustainability initiative and one of the City's most important initiatives: decarbonization is absolutely crucial to mitigating climate change. The Board also wishes to emphasize the urgency of municipal decarbonization: considerable decarbonization within the next decade is absolutely essential to keeping global warming within livable bounds.

At the Board's June meeting McKinstry presented its latest plans for municipal decarbonization. The Board was impressed with McKinstry's work, and the Board endorses McKinstry's plans, both McKinstry's recommendations for how to achieve municipal decarbonization and McKinstry's timeline for implementation of these recommendations. The Board recognizes that this timeline does not achieve complete municipal decarbonization by 2030, but the Board understands the reasons for and supports extending the timeline. The Board suggests that the City investigate the capacity for City-owned lands to sequester carbon, potentially offsetting the extra carbon emitted over this extended timeline. More specifically, the Board supports McKinstry's plans for increasing the City's own solar



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energy generation rather than relying on Xcel Energy’s efforts to transition to carbon-free energy sources.

The Board thus recommends that City Council adopt McKinstry’s plans for municipal decarbonization and swiftly pivot to these plans’ implementation. The Board further recommends that City Council establish means to hold the City accountable for achieving its decarbonization goals, for instance, by appropriately forecasting staffing and budgetary needs. The Board recognizes that the City will most likely require supplemental funding to meet these goals; accordingly, the Board strongly encourages the City to explore all possible avenues of funding, ensuring that City staff has the capacity to pursue this funding.

Finally, the Board recommends that the City revisit and revise its municipal decarbonization plans in the next few years. The City may be able to advance more rapidly towards its decarbonization goals by taking advantage of new technologies and methodologies. In particular, if City Council decides not to achieve complete municipal decarbonization by 2030, then the Board recommends that the City make definite plans for achieving complete decarbonization at an appropriate time after 2030.

The City’s decarbonization efforts will set an example for not only the Louisville community, which is about to begin its own decarbonization planning, but also neighboring municipalities and communities. Given the necessity and urgency of decarbonization, the Board hopes that Louisville will become a shining example through its actions.

Thank you for considering our recommendations.

Sincerely,

The Louisville Sustainability Advisory Board



Sustainability Advisory Board

September 2023

Kayla Betzold, Sustainability Manager

Discussion Item: Annual Sustainability Update - Reporting

Sustainability Key Performance Indicators

Community GHG emissions – 141,608 MTCO₂e (-13%)

Residential Waste Diversion Rate – 40% (+33%)

- Includes scrap metal from MF, w/o scrap metal – 22% (-26%)

Commercial Waste Diversion Rate – 11% (-54%)

- Includes MF debris, A1 policy change

Water Use Per Capita – 145 gallons (+4%)

Climate Action Goals

Municipal Carbon-Free Electricity – 100% (no change)

Municipal GHG Emissions – 3,400 MTCO₂e (from McKinstry report)

Community Carbon-Free Electricity – 50% (+8%) - (42% CRP + 8% Louisville-specific)

Community GHG Emissions - 141,608 MTCO₂e (-13%)

Sustainability Action Plan

Discussion Item: Annual Sustainability Update - Grants

Received (\$33,875)

Applied (\$5,005,000)

Applied in Partnership (~\$6M)

On the Horizon

Applied – Did not Receive

Discussion Item: Annual Sustainability Update – Budgeted Programs

RAQC Incentives (\$10,000)

- 55 mower rebates
- 23 handheld equipment rebates

E-bike Pilot (\$2,400)

- 8 rebates redeemed
- State e-bike program - energyoffice.colorado.gov/ebike-rebates
- Commuting Solutions e-bike feasibility study

EE/Electrification Rebates (\$20,000)

Events (\$5,000)

Discussion Item: Annual Sustainability Update – City Council Work Plan

2023

- Internal and Community Decarbonization Plans (high)
- Parks & Open Space Sales Tax (medium)
- Gas Station Moratorium (medium)
- Dark Sky Lighting (low)
- Prohibit sale and use of gas powered lawn equipment (low)

2024 (draft as of 9/12 – not adopted)

- Internal and Community Decarbonization Plans (high)
- Sustainability Programs (medium)

Discussion Item: Annual Sustainability Update – Events

Sustainability Film Series

- Regional partnerships, but low attendance this year (~20-30 at each virtual film)

Spring Cleaning Event – 187 participants

- 2,858 lbs of e-waste (-26%)
- 7,760 lbs of scrap metal (-52%)
- 52 mower vouchers, 23 handheld equipment vouchers
- HHW #s not yet available

Bike to Work Day

- 200+ residents stopped by Sustainability breakfast table



Discussion Item: Annual Sustainability Update – Events

Bike, Walk, Wheel Week/Electrify Your Ride

- Regional partnerships, similar attendance as last year (~75)
- Drive Clean CO – 21 ride and drives, 11 EVs

Ice Box Challenge

Ecotoberfest

- New location, expecting 1,500+ individuals at event

Sustainability Division will be conducting strategic planning this fall to determine # of events in 2024.



Discussion Item: Annual Sustainability Update – Marshall Fire Recovery

Current Permit and Xcel/CEO Metrics

382 permits – 28% IECC 2018, 62% IECC 2021, 10% IECC 2021 + RC

New Resiliency and Mitigation positions at the City (CMO)

Northern Water landscaping templates

Louisville	110
IECC 21	24
E* 3.2	15
NextGen	40
ZERH	27
PHI	3
(blank)	1



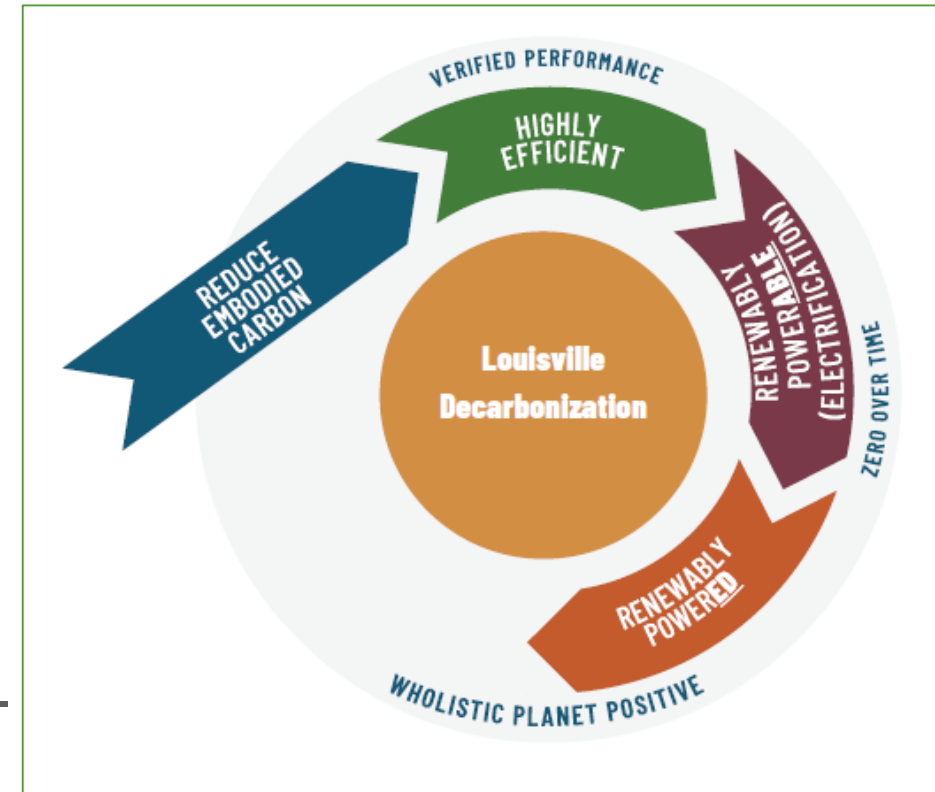
Discussion Item: Annual Sustainability Update – Municipal Programs

Internal Decarbonization Plan

Employee Sustainability Survey

Employee E-bike Share

Boulder County Circular Economy Grant – Reusable Kitchenware



Discussion Item: Annual Sustainability Update – Resource Central Water Programs

2023 Program Numbers

- Lawn Replacement – 25
- Garden in a Box – 125
- Slow the Flow – 108
- Smart Controller – 20
- Waterwise Seminars – Firewise Landscaping, 122 attendees

Colorado Water Conservation Board grant

- Expansion of residential and commercial lawn replacement
- City xeriscape demonstration garden at White House in 2024

Discussion Item: Annual Sustainability Update – Commercial Programs

Green Business

- Deadline September 30, recognition event in December
- Transition to State program in 2024 – greater impact and regional alignment

Energy Code

- Meeting in August, amendments to Council this fall

Bag Tax Funded Waste Reduction Programs

- October launch for ‘gold star’ businesses (78)
- Full launch in early 2024

PACE

- Electrification feasibility study – fully funded, 3+ properties in Louisville
- Refrigeration equipment replacements at downtown Louisville businesses

Discussion Item: Annual Sustainability Update – Regional Groups

- State and regional EPA funded Climate Pollution Reduction Planning (CPRP) grant – DRCOG
- Front Range Beneficial Electrification Network (FRBEN)
- Boulder County Regional Transportation Electrification team
- Sustainability Directors
- Building Code Cohort
- CC4CA
- Boulder County
 - Climate and Economy team, County/municipalities, Natural Climate Solutions, Resource Conservation Advisory Board, Waste Messaging

Discussion Item: Internal Decarbonization Plan Draft Memo

Staff Update

- Internal Decarbonization Plan (IDP) going back to Council on October 24.

Public Comment

- 3 minutes/comment

LSAB Discussion

LSAB September 2023 Meeting

Sub-Committee and Board Member Updates

Administrative Tasks

- Staff to write next Sustainability Spotlight, due October 15
- Canceling October meeting

Discussion Items for Next Meeting

Adjourn