

Sustainability Advisory Board

Agenda

**February 19, 2025
Second Floor Board Room Louisville Library
951 Spruce. St
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 +1 833 928 4610 (Toll Free)
Meeting ID **#846 2865 9916**
Meeting Password # **239019**
- 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 HMiller@LouisvilleCO.gov.

- I. Call to Order
 - a. Todd is the secretary for February
- II. Roll Call
- III. Approval of Agenda
- IV. Approval of Minutes
- V. Public Comments on Items Not on the Agenda
 - a. 3 minutes per comment.
- VI. Administrative Tasks
 - a. Council_ LSAB Collab Mtg is scheduled for 3/11. Time TBD.
- VII. Staff Updates – 15 minutes
- VIII. Discussion Item: 'Round the Room Sustainability Updates or Topic of Interest- 20 minutes

Persons planning to attend the meeting who need sign language interpretation, translation services, assisted listening systems, Braille, or taped material, should contact the City Clerk's Office (303.335.4536 or 303.335.4574) or ClerksOffice@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 o email ClerksOffice@LouisvilleCO.gov.

- a. Allison Kay, LSAB Chair
 - b. LSAB Discussion
- IX. Discussion Item: Climate Action Plan Intro and Project Timeline- 30 minutes
 - a. Hannah Miller, Sustainability Manager
 - b. Public Comment (3 minutes per Comment)
 - c. LSAB Questions, Discussion, and Direction
- X. Discussion Item: 2026 Budget Recommendations- 20 minutes
 - a. Hannah Miller, Sustainability Manager
 - b. Public Comment (3 minutes per Comment)
 - c. LSAB Discussion and Direction
- XI. Adjourn

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City of Louisville

City Manager's Office 749 Main Street Louisville CO 80027
303.335.4534 (phone) www.LouisvilleCO.gov

Memorandum

To: Louisville Sustainability Advisory Board

From: Hannah Miller, Sustainability Manager
Logan Johnson, Sustainability Specialist

Date: February 19, 2025

Re: Staff Updates

Projects and Programs

Annual Metrics

- For annual metrics, refer to the November 2024 LSAB packet.

Federal Administration Impacts

- At this time, there are no federal impacts to grants awarded to the Division.
- There is a level of uncertainty surrounding the EPA awarded grant to DRCOG. However, this is an executed and legally binding contract.
- The Division and other city staff are prepared for increased costs related to implementing the Internal Decarb Plan. These will include HVAC equipment, EV charging stations, solar panels, etc.

Circular Economy/Waste Diversion

- **Hard-to-Recycle Voucher Program**, in partnership with Eco-Cycle, is set to launch in April. This program will replace the annual Spring Cleaning event.
 - These vouchers will be open year-round for residents
- Sustainability Division will be spearheading and supporting a **Hard to Recycle event for Parco Dello Zingaro Mobile Home Community**. This historically disproportionately impacted and underserved community has not had access to hard to recycle resources in the past or like resources have been harder to access. Because it has been more difficult for this community to access these resources, the City is holding this event to offer these services to residents of this neighborhood. Boulder County partners, EcoCycle, and other community partners are working with Sustainability and Louisville staff to put on this event, which will be held on April 5, 2025. This is a bag tax-funded initiative.

Energy

- In January, City Council approved revisions to the 2021 Energy Code via Ordinance 24-1876. City Council passed Ordinance 1876, Series 2024 on January 21, 2025. The ordinance amended certain provisions of the City's version of the 2021 IECC. The following are the primary changes:
 - Deleted Appendix RC-Zero Energy Residential Building Provisions for residential development. This code required a maximum energy use rating (Energy Rating Index –



City of Louisville

City Manager's Office

ERI) of 47 and offset of energy use with on-site and/or off-site renewable energy to achieve a zero-energy use rating.

- Provided a performance pathway for residential development to meet a HERS (Home Energy Rating System) score of 50 as an alternative to meeting the prescriptive pathway.
- Maintained requirements for commercial all-electric heat pumps for space and water heating with these adjustments to the code:
 - Established that the requirements only apply to all-new construction, excluding building additions and alterations to existing buildings.
 - Provided an allowance for natural gas backup for all-electric heat pump space heating equipment.
- Maintained Appendix PT – Modeling to a Performance Target for certain commercial development, including offices, warehouses, and schools, with these adjustments:
 - Removed post-construction documentation, one-year compliance check, monitoring and metering requirements.
- Removed requirement to install elective vehicle charging infrastructure for commercial development when parking spaces are altered, if such alterations are not part of new building or a building addition.
- Amended the minimum commercial U-value for commercial doors to match market availability.
- Added missing R-values for insulation of metal buildings and piping and ducting.
- Added minimum climate-appropriate standards for residential and commercial heat pump space heating equipment.
- To summarize, the changes include removal of RC Appendix XYZ requiring the offset of renewable energy, removal of ventilation requirement, and language changes that reduce vulnerability to litigation.
- Ongoing solar co-op program in partnership with Boulder County, Solar Switch, is rebranding to Switch Together. Programming is not changing for residents, but more resources for electrification and EV adoption through this program will be offered.
- Staff have applied for the [Xcel Gas Pilot Program](#) supported through SB- 1370. Five Colorado communities will be selected to pilot a gas replacement program within their jurisdiction. The goal of the program is to avoid updating gas line infrastructure and decarbonize on a neighborhood scale.
- The Regional Energy Code Cohort draft 2024 Roadmap has been reviewed by staff.

Nature-Based Solutions

- Sustainability Division staff participated in the quarterly Boulder County NbS update meeting in January.
 - Community Forestry Youth Corp to grow for 2025
 - Second round for the Climate Innovation Fund will launch in 2025
 - Boulder County Soil Health Initiative will continue to have funding and programming for 2025 applicants

- Review for the Urban Landscape Toolkit will be available in early February
 - Incentives will be available in 2025 with some focus on urban heat related initiatives
- Design and implementation for the Private-land urban forestry program in DI neighborhoods will launch
- Compost facility for the county will be located by end of 2025 with the hopeful outlook that construction will begin before 2026
- The Sustainability Division will provide fiscal support for the second iteration of the Community Forest Corps (CFC) in partnership with the PROS Department.
- Louisville has decided to partner on Resource Central waterwise programming again for 2025. Programs include: Garden in a Box, Waterwise Seminar, Slow the Flow and Turf Replacement.
- The Division and PROS team have identified a candidate location for the [Transformative Landscape Change \(TLC\) Challenge](#).

Commercial Sustainability

- Staff participated in partner training for the Colorado Green Business Network (CGBN).
- The Commercial Sustainability Grant program is currently on pause, with a rebrand and relaunch anticipated. There is no tentative timeframe for the relaunch.

Internal Decarbonization Plan

- A Project Manager for Internal Decarb has been selected!
- RFPs are in draft form.
- Staff are considering an Energy Performance Contract (EPC) approach. This will be decided by new PM and Public Works Director.
- Staff are beginning the grant application process for Colorado Energy Office (CEO) [ChargeAhead](#) and [FleetZero](#) grants. These grants will support the installation of EV chargers both 'behind the fence' and community facing.

Community Decarbonization Plan

- PIE has agreed to support collateral creation for the PDZ event.

Denver Regional Council of Governments (DRCOG) Climate Pollution Reduction Grant (CPRG)

- DRCOG has hired several subgroup managers.
- Programming is set to launch in August, though this timeline is subject to change.

Data, Emissions, and Tracking

- Staff are starting community-wide and local government operations greenhouse gas inventories.

Events

- Parco Dello Zingaro (PDZ) Mobile Home Community: Hard to Recycle Event
 - April 5, 2025
 - This hard to recycle event is a part of the Program 6 of Bag Tax to provide accessibility of such resources to underserved communities in Louisville, most notably PDZ. This event

will be held in the PDZ community and offer recycling and hard to recycle options on site for residents of this community at no cost.

- Earth Day Everyday partnership with City of Lafayette
 - April 26, 2025
 - Historically Louisville has not had or participated in an Earth Day event, which has led to the decision to partner with the City of Lafayette with their Earth Day Everyday event. If anyone would like to volunteer for the event or table, please reach out to Logan Johnson, Sustainability Specialist to participate.
- Firewise Planting/Mitigation Workshop
 - April 8, 2025 (6:00-8:00pm)
 - In collaboration with Louisville's Resilience and Recovery division and Friends of Coal Creek are aiming to provide an educational workshop for Louisville residents on up-to-date fire mitigation practices and how they can be applied to one's property.
- Rain Barrel Workshop
 - May 10, 2025
 - Boulder County and Keep It Clean Partnership is collaborating with the City of Louisville, and other municipalities, to provide a rain barrel educational workshop for community members. This will include an educational presentation and workshop. This is a free event to the public with some rain barrel materials provided.
- Electrification Exposition 2025
 - May 10, 2025
 - This annual electrification exposition is an event to offer local residents of Louisville and Superior an opportunity to learn more about electrification initiatives and opportunities available to them.
- Bike to Work Day 2025
 - June, TBD
 - Bike to Work Day has been an annual sustainable transportation event promoted through the Denver Regional Council of Government to encourage alternative and multimodal transportation in our communities, like cycling, bus, carpooling, and more.

Event Updates:

- Ecotoberfest
 - In a joint decision with all partnering municipalities, it has been decided that Ecotoberfest will be paused for 2025. No decision has been made to resurrect the event after 2025 and further.

Other

- Reusable Kitchen Grant for staff kitchen breakrooms is being implemented on January 14, 2025
 - The grant was awarded by Boulder County, but this move toward reusable kitchen materials in City staff breakrooms is aimed to divert waste from landfill and decrease our carbon footprint internally.
- Staff is continuing to pursue the Charging Smart Certification through Drive Clean Colorado and IREC. This is a pilot program the City of Louisville has committed to provide recognition for our efforts towards electric vehicle adoption and provide more access to resources for future EV infrastructure and adoption moving forward.



City Manager Update:

- City Council has selected Diana Langely as Louisville's City Manager Finalist. Council members will now start negotiations with Diana.



Sustainability Advisory Board

February 2025

Allison Kay, Chair

Hannah Miller, Sustainability Manager

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 - a. LSAB Members
 - b. LSAB Discussion
- III. Discussion Item: Climate Action Plan Intro and Project Timeline- 55 minutes
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Discussion Item: 'Round the Sustainability Updates or Topic of Interest- 20 minutes

- Allison Kay, LSAB Chair
- LSAB Discussion
 - Allison Kay example:
 - What I am interested in: I am interested in the Green Jobs Training Program in Denver.
 - Background / General Information About it: This initiative, led by the Denver Office of Climate Action, Sustainability, and Resiliency (CASR), provides targeted workforce development to help residents acquire skills in clean energy, energy efficiency, and sustainable construction.
 - What is unique or interesting about it: They have partnered with local community colleges to produce hands-on training, internships, and certification courses that align with industry standards. They also have a specific program that trains workers to retrofit homes for energy efficiency, a priority for the city.
 - Why do I think it is important: Green workforce training is essential to help bridge the growing skills gap in the green economy. Research shows that sectors like renewable energy, energy efficiency, and sustainable construction are creating millions of new jobs globally, yet many workers lack the specific skills required for these roles.

Discussion Item: Climate Action Plan (CAP) Intro and Project Timeline- 55 minutes

- Hannah Miller, Sustainability Manager
- LSAB Questions, Discussion and Direction

Discussion Item: Climate Action Plan (CAP) Intro and Project Timeline- 30 minutes

- History:
 - Sustainability Action Plan adopted in 2016 and updated adopted in 2020
 - Focuses on sectors such as energy, ecological health, urban agriculture etc.
 - Requires an update every 5 years

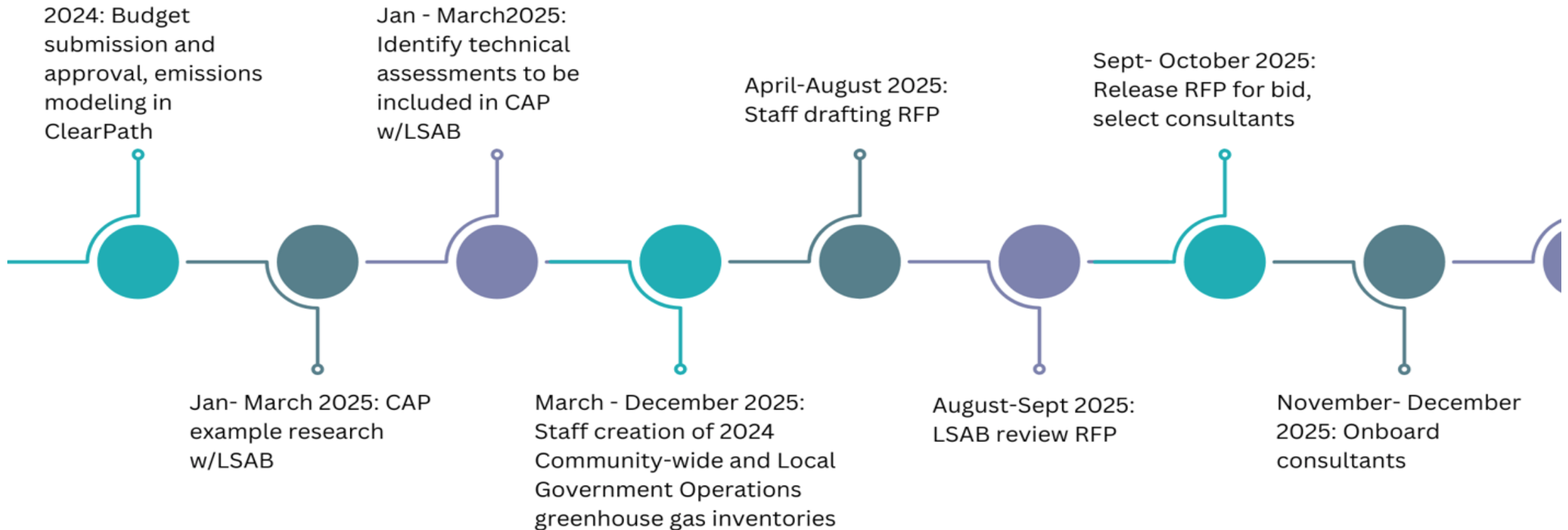


LOUISVILLE
Sustainability
Action Plan
2020 UPDATE

ADOPTED BY CITY
COUNCIL
OCTOBER 6,
2020

 City of
Louisville
COLORADO • SINCE 1878

Discussion Item: Climate Action Plan (CAP) Intro and Project Timeline- 30 minutes



Discussion Item: Climate Action Plan (CAP) Intro and Project Timeline- 30 minutes

■ Sustainability Action Plan (SAP)

- Broad Focus: Covers a wide range of sustainability topics beyond just climate change, including waste management, water conservation, transportation, biodiversity, equity, and economic resilience.
- Holistic Approach: Integrates environmental, social, and economic sustainability goals to create a well-rounded strategy.
- Community Well-being: Often includes initiatives like affordable housing, sustainable development, green infrastructure, and food systems.
- Operational & Community-Level: May include internal city operations as well as broader community-wide initiatives.

Discussion Item: Climate Action Plan (CAP) Intro and Project Timeline- 30 minutes

■ Climate Action Plan (CAP)

- Narrower Focus on Climate Change: Specifically targets greenhouse gas (GHG) emissions reduction, climate resilience, and adaptation strategies.
- Science-Based Targets: Typically includes quantified goals (e.g., carbon neutrality by 2050, reducing emissions 60% by 2030).
- Energy & Emissions Priorities: Emphasizes decarbonization, renewable energy adoption, electrification, building codes, and transportation sector emissions.
- Resilience & Adaptation: Often includes strategies to prepare for climate-related impacts such as heat waves, wildfires, and extreme weather.

Discussion Item: Climate Action Plan (CAP) Intro and Project Timeline- 30 minutes

Feature	Sustainability Action Plan	Climate Action Plan
Scope	Broad (environmental, social, economic)	Narrow (climate mitigation & adaptation)
Main Goal	Sustainable resource use & community well-being	Reducing greenhouse gas emissions & building resilience
Key Topics	Waste, water, biodiversity, social equity, economy	Energy, transportation, buildings, climate resilience
Metrics	Sustainability indicators (waste diversion, water use, green jobs)	Carbon footprint, GHG reduction targets, clean energy adoption

Discussion Item: Climate Action Plan (CAP) Intro and Project Timeline- 30 minutes

- Top Tier SAP and CAP Examples
 - [Rochester, NY](#)
 - [Milwaukie, OR](#)
 - [Ann Arbor, MI](#)
 - [San Diego, CA](#)
 - [Jersey City's Climate and Energy Plan](#)
 - [Ulster County, NY LGO](#)
 - [City of Baltimore CAP](#)
 - [Shoreline, WA ICAP](#)
 - [Arlington, MA](#)
 - [Aspen, CO](#)

Discussion Item: Climate Action Plan (CAP) Intro and Project Timeline- 30 minutes

- Scoped Technical Assessments
 - Community-wide and Local Government Operations Greenhouse Gas Inventories (staff directed)
 - Emissions modelling for Business as Usual (BAU) Forecast emissions scenario
 - Wedge Analysis
 - Identifies and models programmatic impact

Discussion Item: Climate Action Plan (CAP) Intro and Project Timeline- 30 minutes

- List of Options
 - Climate Risk and Vulnerability Assessment (CRVA)
 - Biodiversity Assessment
 - Adaptation Plan
 - Financial review of investments and potential scope 3 reductions

Example of assessments from ICLEI-USA: [ICLEI USA Fee For Services \(Combined\) Aug 2024](#)

Discussion Item: Climate Action Plan (CAP) Intro and Project Timeline- 30 minutes

- RFP Scoped Services
 - Equitable community engagement
 - Inclusion of progressive adaptation strategies
 - Emissions modelling/wedge analysis
 - Integration of existing Plans and progress towards adopted climate action goals
 - ROI on investment in sustainability programs

Discussion Item: LSAB Budget Recommendations for 2026- 20 minutes

- Louisville operates on a bi-annual budget cycle. This is the second year and we are only planning for minor changes to the 2026 budget. Not looking for new projects (CIP or operational).
- Does LSAB have any recommendations?

LSAB March 2025 Meeting

- Discussion Items for Next Meeting
 - Comprehensive Plan Progress Update
 - Budget recommendations memo
 - Anything related to City Council's advanced agenda. If there is an item you'd like to discuss email Hannah and Allison, and CC Logan to have it added to the agenda.
- Adjourn