

LINKS: *Because City of Richmond staff do not have the ability to contribute to the chat feature in MS Teams, we will create a list of links to be shared with the WG here - slides, agenda, other materials, etc.*

- [Meeting slides](#)
- [Equity Screening Tool](#)
- [Feedback survey](#)
- [RVAgreen 2050 Community Capacity Survey](#)

Q&A:

Because City of Richmond staff do not have the ability to contribute to the chat feature in MS Teams, we will use this slide to communicate questions and answers throughout the meeting

- Type your questions here!

RVAgreen 2050 Community Working Group
Friday, November 19, 2021

Plan Deliverables



Equitable climate action for a healthy and resilient Richmond

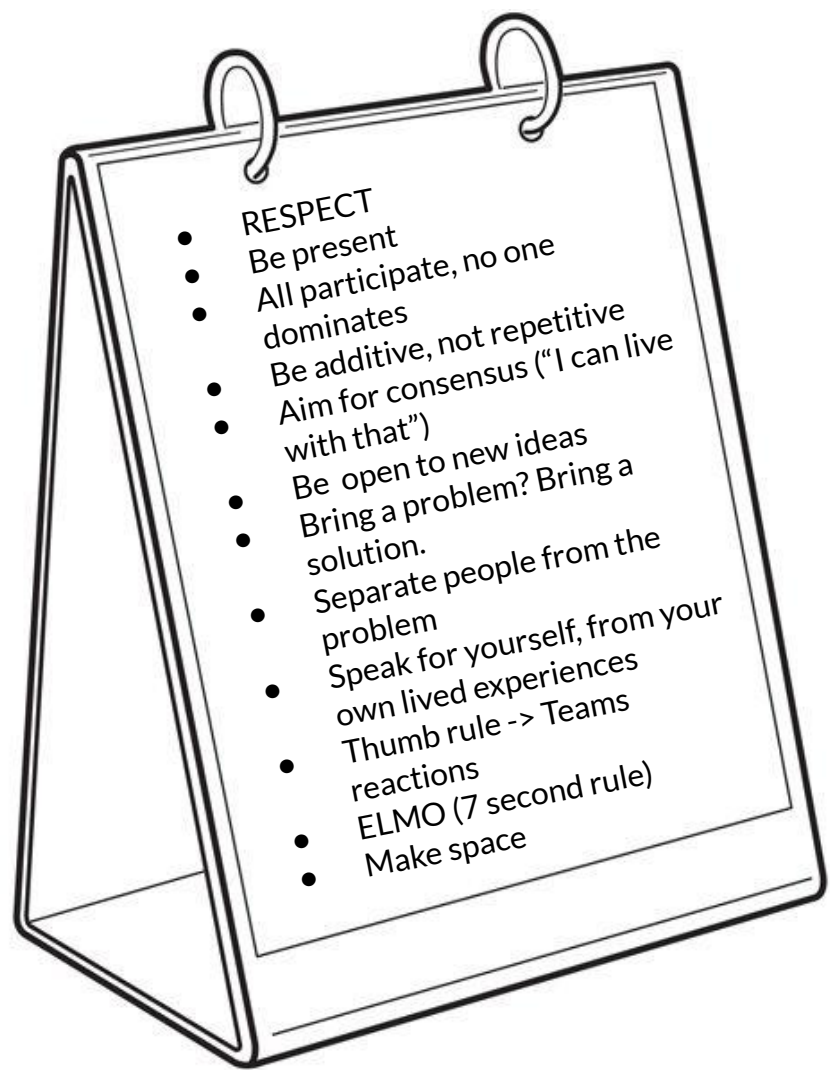
Agenda

- I. **Intro:** Settling in & ground rules
- II. **Partner Updates:** What are your recent “wins” for equitable climate action and resilience?
- III. **Review:** Where we’ve been
- IV. **Discussion:** Elements of the plan & strategy and subcomponent information
- V. **Discussion:** What’s your pitch?
- VI. **Conclusion:** Wrap-up and next steps

Today’s Objectives

- Discuss updates, questions, etc. related to the RVAgreen 2050 planning process
- Provide input on the deliverables for the RVAgreen 2050 plan
- Help create content for the plan - why is this so important?

Ground Rules / Group Expectations



Partner Updates

What are your recent “wins” for equitable climate action and resilience?

USDA grant for the 'Richmond compost initiative' P&R/DPW with other partners; neighborhoods can drop off food scraps and bring to a centralized location (13 sites including community gardens and libraries); a step toward municipal composting and educating the public

Formalizing decision-making around community gardens

Intentional Community initiative: a residential community to incorporate concepts from LEED requirements and permaculture (once currently exists in Manchester)

HB 2085: Requires local and interjurisdictional agencies to include provisions in their emergency operations plans to ensure that such plans are applied equitably and that the needs of minority and vulnerable communities are met during emergencies.

OEM hosted calls with City agencies to try and get grant funds through the Building Resilient Infrastructure and Communities.

Where we've been

Timeline



Nov-Dec 2020
Equity training and foundation-setting

Jan-Mar 2021
Foundation-setting and drafting strategies

Apr 2021
Community-wide engagement

May-Aug 2021
Refining strategies and drafting implementation and accountability framework

Nov 2021-Mar 2022
Review draft plan and provide feedback

Apr-May 2022
Community-wide engagement

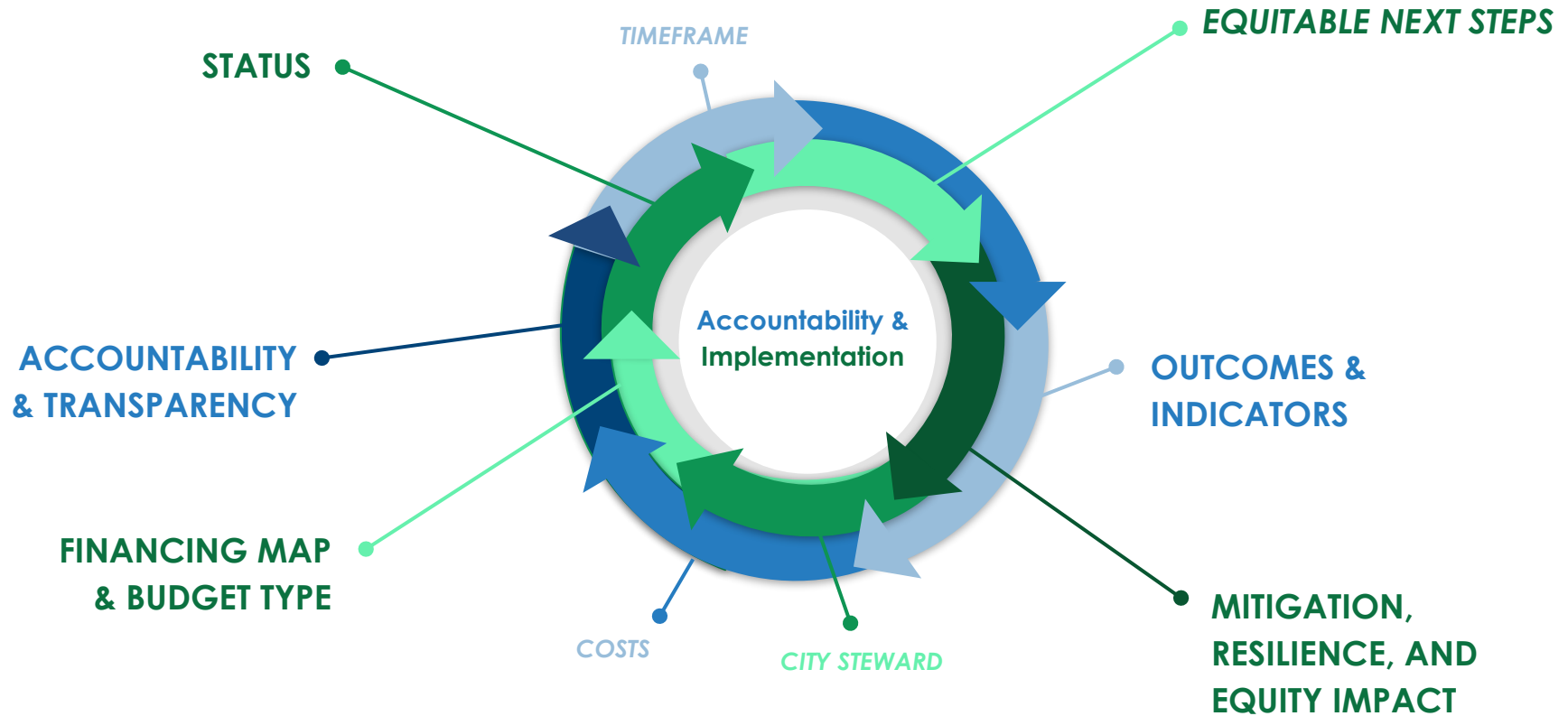
Jun-Jul 2022
Finalizing plan content

Summer/Fall 2022
Seeking approval and adoption

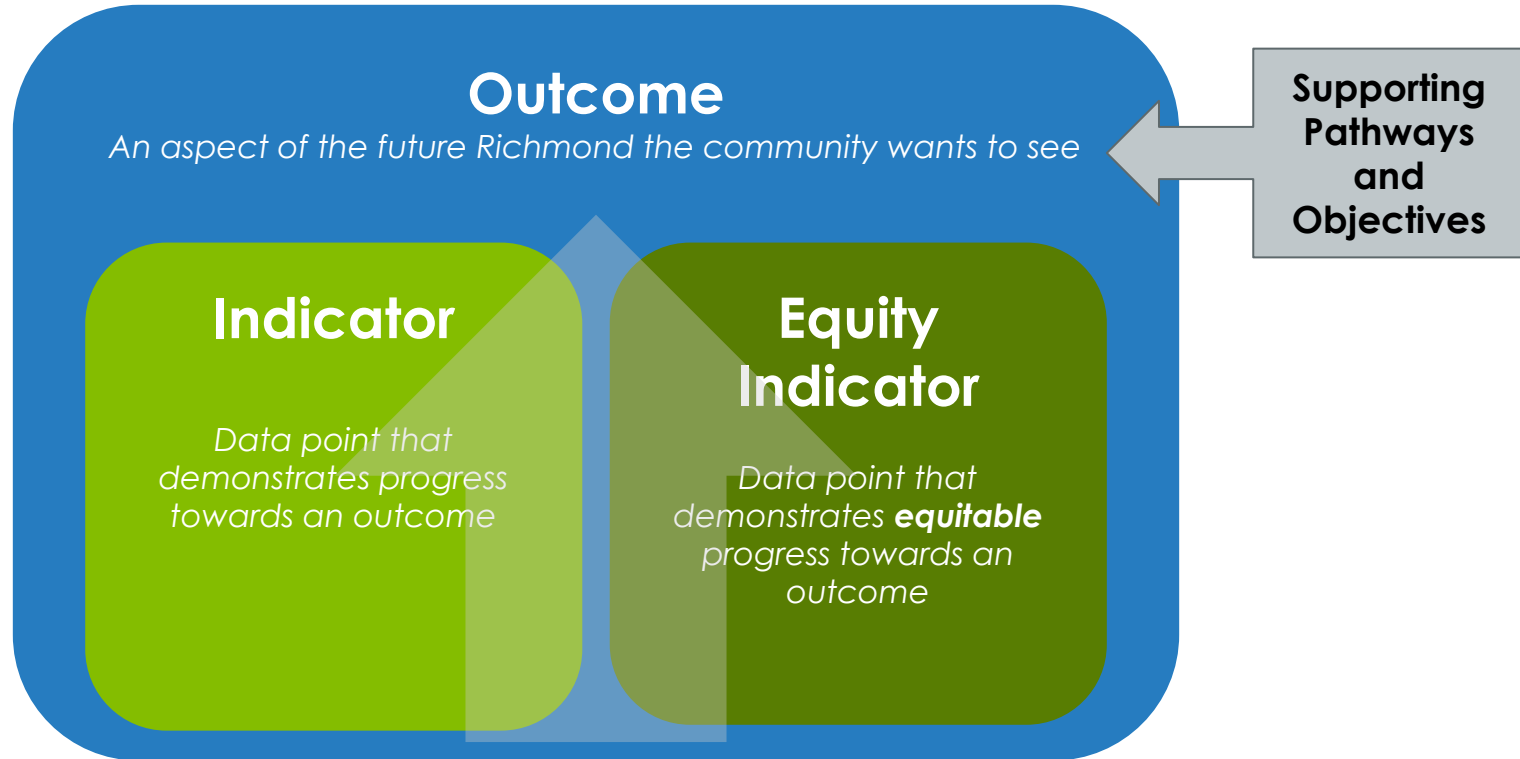
RVAgreen 2050 DRAFT Structure

Goals	What is the purpose of RVAgreen 2050?
Vision	What does the ideal future look like when RVAgreen 2050 is implemented?
Community Priorities	What cross-cutting public values do we want to center in our plan?
Pathways	What leverage points will lead us towards realizing and operationalizing the goals and community priorities?
Objectives	What are the long-term aims we want to accomplish, organized into the different pathways?
Prioritized Strategies	What are the strategies that will help us achieve our goals and what are the SMARTIE <u>actions</u> that will lead us there?
Impacts	How will our strategies impact the community and lead to a more equitable, resilient, and adaptive Richmond?
Indicators	How will we measure success?
Implementation	How are we going to equitably implement, measure progress, and ensure accountability in this plan?

Equitable Implementation and Accountability Framework



Measuring progress of RVAgreen 2050



RVAgreen 2050 Outcomes

- Cleaner and more efficient buildings
- Engaged and involved community
- Improved air quality
- Advanced green economy
- Increased support for climate action and resilience
- More green space and trees
- Lower greenhouse gas emissions
- Increased heat resilience
- Increased flood resilience
- Climate-ready community
- Less landfill waste
- Cleaner and more efficient transportation

RVAgreen 2050

“THE PLAN”

What is “the plan”?



A document

+



an interactive website

What informs the plan?



DRAFT OUTLINE (high level)

- I. Letter from the Mayor
- II. Land stewardship acknowledgment
- III. Acknowledgments
- IV. Definitions & acronyms
- V. Guide: how to read the plan / at a glance map
- VI. Vision, guiding principles + why now? + cost of inaction
- VII. Background, context, accomplishments
- VIII. Planning process
- IX. Racial equity and environmental justice (context, maps, planning process)
- X. Richmond today: climate conditions and GHG emissions
- XI. Richmond 2030: pathways, objectives, and strategies
- XII. Advocacy: what can I do?
- XIII. Lessons learned
- XIV. Appendices
- XV. Methodologies



Each pathway section begins with the pathway description and objectives

COMMUNITY

Create an equitable and resilient Richmond while honoring and ensuring focus on community priorities

OBJECTIVES

C-1

Ensure that historically disinvested communities that are most affected by local climate impacts are centered and involved in the processes of developing, implementing, and evaluating solutions as a result of equitable communication and engagement strategies

C-2

Increase the Richmond community's social resilience to climate change



Symbols and/or text
to indicate which of
the 12 outcomes
are supported by
this objective

COMMUNITY

C-1

Ensure that historically disinvested communities that are most affected by local climate impacts are centered and involved in the processes of developing, implementing, and evaluating solutions as a result of equitable communication and engagement strategies

OUTCOMES

How does this objective contribute to a more resilient, adaptive, healthy, and equitable Richmond?



STRATEGIES

C-1.1 Climate-Ready Affordable Housing

Develop and implement climate mitigation and resilience requirements for the Affordable Housing Trust Fund.

C-1.2 Sustainable Employment Practices

Develop incentives for employers to facilitate greenhouse gas-reducing activities among employees.

C-1.3 Climate Action and Resilience Assistance

Create a guide to help small businesses, homeowners, and renters navigate city incentives.

C-1.4 Climate Impact Grant

Create a climate impact fund.

C-1.5 Community Benefits Scorecard and Agreements

Develop community benefit scorecards and agreements with community members.

C-1.6 Community Partnerships

Develop a climate action and resilience neighborhood partnership program.



List of
strategies for
each
objective

Context information:
data, maps, and
research to show why
this strategy is important

Each action will have:

Status

- Ongoing
- Ready to go
- Facing obstacles

City steward

Cost

- \$ = under 100k
- \$\$ = 100k - 1M
- \$\$\$ = 1M+

Time

- Near: 2022-25
- Far: 2026-30

COMMUNITY

C-1.1

CLIMATE-READY AFFORDABLE HOUSING

Develop and implement climate mitigation and resilience requirements for the Affordable Housing Trust Fund.

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ACTIONS TO BE COMPLETED BY 2030	STATUS	CITY STEWARD	COST	TIME	IMPACTS		
					MITIGATION	RESILIENCE	EQUITY
Develop climate mitigation and resilience requirements for new affordable housing units funded with any amount of money from the Affordable Housing Trust Fund.		Housing and Community Development	\$	Near	L M H		

Additional information will go in an appendix:

- Equitable next steps
- Financing map
- Budget type

Symbols to demonstrate impacts:

- GHG reduction (high, med, low)
- Climate resilience (heat, extreme weather, flooding, and community)
- Equity (7 community priorities)



Discussion

~15 minutes

Discussion questions:

- What information is most important/relevant to you?
- Is anything missing?
- What format/design would work best to communicate this information?

NOTES

- *Brianne just saving this one for later... have a list of projects ready for future BRIC and related resilience grants*
- *What about a background about 'climate science' with the planning assumptions we are working with (i.e. lay out the facts)*
- *most important from outline: land stewardship and past grievances against equity. Def./Guide, actual pathway material and advocacy.*
- *Also needs to stress the timeline and costs to ensure accountability*
- *The more we can use infographics than text the more visually accessible it is (esp under cost/time columns)*
- *What is the follow up process going to look like and 'how can I as a resident go to the website and see how we're doing on the countdown clock to 2050'?*
- *Data section will be very helpful in grant applications (layout of strategy sections and outcome icons is great)*

NOTES

- *notes...*

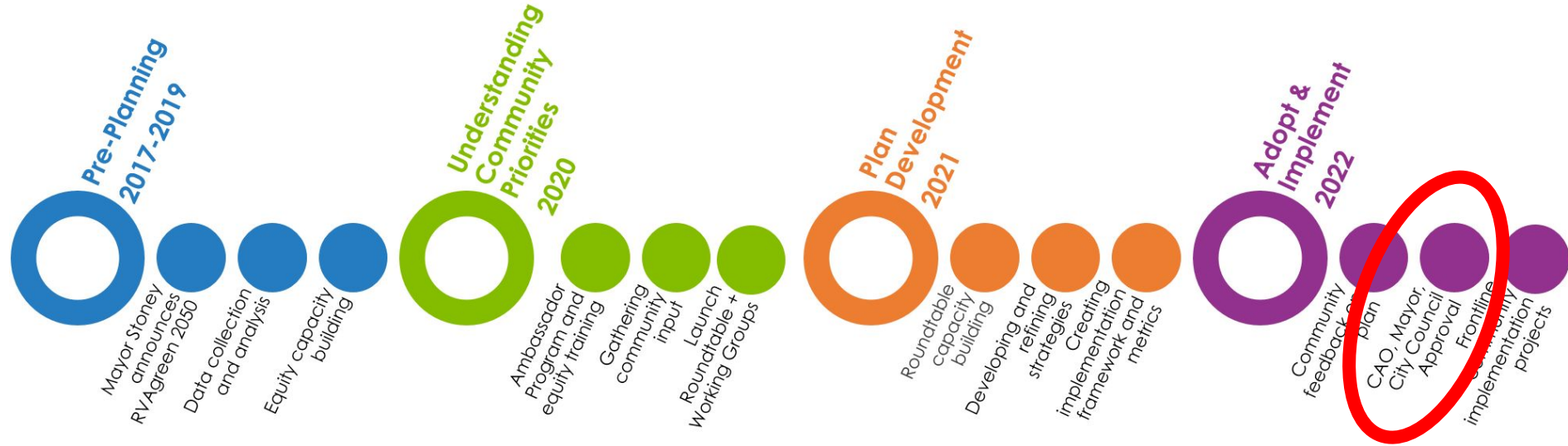
Break time!

Come back at ...

We need your help!

Why is this so important?

Process Overview



DRAFT OUTLINE (high level)

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COMMUNITY

C-1.1

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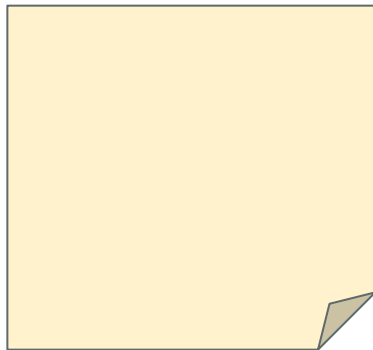


What's your pitch?

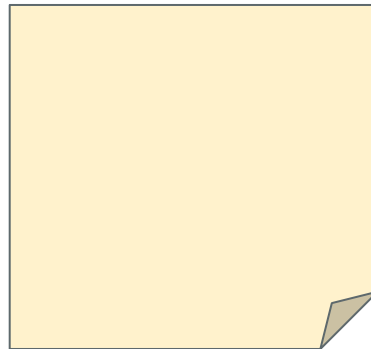
Why is this important?

What's the cost of inaction?

Objective 1: Ensure that historically disinvested communities that are most affected by local climate impacts are centered and involved in the processes of developing, implementing, and evaluating solutions as a result of equitable communication and engagement strategies.



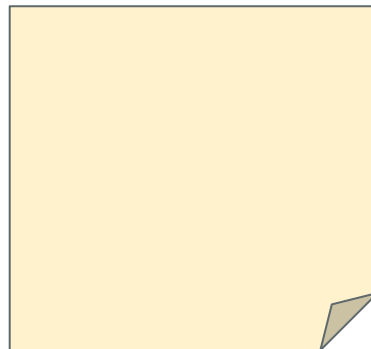
Richmond neighbors are ready to see action regarding the warmer and wetter climate that has had a negative impact on the lives of all. Not only are your elderly family and children also likely to bear the brunt of environmental injustice, it is severely expensive if we don't address these issues.



Tired of nuisance flooding?
What about climate issues like heat and cold?

The only way to make change is to get involved. Without your input, it will be the city making decisions. We want to make sure your voice is heard.

This is an opportunity to help bring the Richmond community up to a more equitable level.



What's your pitch?

Why is this important?

What's the cost of inaction?

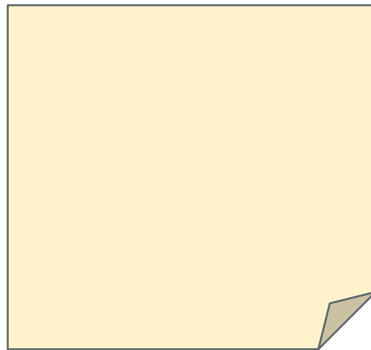
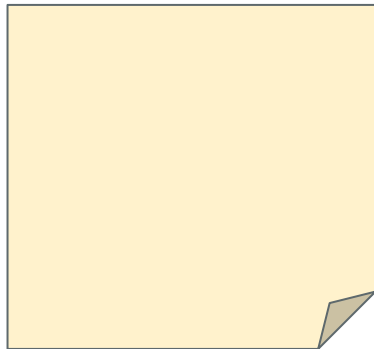
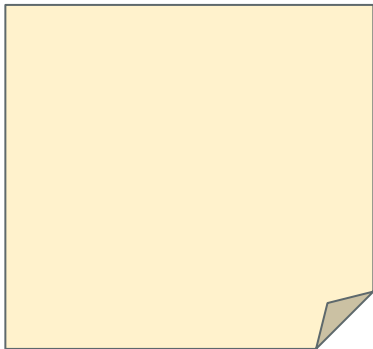
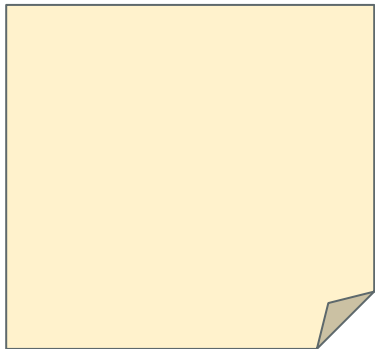
Objective 2: Increase the Richmond community's social resilience to climate change.



The seasonal changes that may have influenced your choice to live in Richmond are being threatened. Rather than

Climate resilience cannot be limited to people with expendable income and time. We need to support all community members to have the resources and pathways to increasing their climate resilience.

Resilience starts with you! Are you prepared for a power outage? What about at a larger scale? Is your neighborhood? We need to increase the city's ability to help you, your community and our city get back on its feet after disaster. Get involved and help make Richmond the best it can be.



Adopted unanimously!
Woo hoo!

Wrap-up and next steps

- **NEXT STEPS:**

- Volunteers-we'll be reaching out
- Next meeting in February: THE DRAFT PLAN!

- **NOW:**

- General reflections
- Fill out [feedback survey](#)
- Share updates, upcoming events, and resources

THANK YOU!

EXTRA SLIDES

Examples from other cities

MUNICIPAL MITIGATION STRATEGIES

San Antonio's municipal government will take the lead on GHG mitigation efforts within the City. While municipal government operations only account for 3% of the city's total GHG emissions, the municipal mitigation strategies set a significant reduction goal that will allow the City to pilot approaches before implementing them in the broader community. The City of San Antonio commits to a greener and more efficient government to benefit all San Antonians and will continue to strive for excellence through implementation of City plans, including the SA Tomorrow Sustainability, Comprehensive and Multi-Modal Transportation Plans.

LEGEND

Initiation Phase NT Near-term (initiated by 2021) LT Long-term	Constraints A Awareness BC Behavior Change I Investment P Policy T Technology	In Current City Plan* Y Yes	Co-Benefits AQ Air Quality NC Natural Capital/ Ecosystem Services QJ Quality Jobs H Health Outcomes A Affordability
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Example:
San Antonio

		STRATEGIES			LEAD DEPARTMENTS	PHASE	GHG	CONSTRAINTS	IN PLAN	AQ	NC	QJ	H	A
REDUCE BUILDING ENERGY CONSUMPTION	M1	BENCHMARKING AND PUBLIC DISCLOSURE OF BUILDING ENERGY CONSUMPTION Benchmark and publicly disclose building energy and water use for municipal buildings.	←→	→	Office of Sustainability, Finance Department	NT	L	P	Y	✓			✓	
	M2	MUNICIPAL ENERGY POLICY To reduce energy consumption, adopt an Energy Policy Ordinance for City-owned buildings and facilities.			Office of Sustainability, Building and Equipment Services	NT	L	P	Y	✓			✓	✓
	M3	ZERO NET ENERGY (ZNE) BUILDINGS Achieve ZNE for all municipal buildings by 2040.			Transportation & Capital Improvements, Office of Sustainability	LT	H	I, P	Y	✓		✓	✓	✓
	M4	COOL/GREEN ROOFS Install cool or green roofs on municipal government buildings, as appropriate.			Transportation & Capital Improvements	LT	L	I, P	Y	✓	✓	✓	✓	✓
REDUCE TRANSPORTATION ENERGY CONSUMPTION	M5	STREETLIGHT CONVERSION Convert all streetlights to LEDs with daylight sensors by 2021 and implement the recommendations of the Urban Lighting Master Plan.	←→	→	Finance Department, Transportation & Capital Improvements, Center City Development & Operations Department, CPS Energy	NT	L	I	Y			✓		✓
	M6	CLEANER AND MORE EFFICIENT VEHICLE TECHNOLOGIES Convert all fleet passenger vehicles and small trucks to more efficient options by 2025, with a priority on electrification based on recommendations of the Electric Fleet Conversion and Infrastructure Study (currently in development). Additionally, research and pilot the electrification of heavy trucks.			Office of Sustainability, Building and Equipment Services, Solid Waste Management Department, Transportation & Capital Improvement	NT	H	I	Y	✓			✓	
	M7	TRANSPORTATION DEMAND MANAGEMENT Reduce the GHG impact of employee commuting.			SA Metro Health District, Transportation & Capital Improvements, Human Services	NT	L-H	I, P, BC	Y	✓		✓	✓	✓
	M8	AIRPORT ACCREDITATION Consider pursuing and achieving Airport Carbon Accreditation.			Aviation	LT	H	I		✓			✓	
ADVANCE THE CIRCULAR ECONOMY	M9	PRIORITIZATION IN DECISION-MAKING To encourage ongoing education and decision-making around GHG reduction, include a carbon impact analysis in City projects and budgeting processes as well as consideration of City investments.	←→	→	City Manager's Office, Mayor and City Council, Office of Management & Budget, Office of Sustainability	NT	L	P, BC	Y	✓	✓	✓	✓	✓
	M10	ENVIRONMENTALLY-PREFERABLE PURCHASING Update the City's green purchasing policy to consider the lifecycle impacts when choosing products.			Finance Department	LT	L	P	Y			✓	✓	
	M11	GREEN SPECIFICATIONS Reduce the GHG impact of materials specified in public works and roadway projects.			Transportation & Capital Improvements, Finance Department	NT	L	P	Y	✓		✓		
	M12	ZERO WASTE Strive to achieve zero waste for all municipal government operations by 2030 with a focus on overall reduction, product reuse, and circularity.			Solid Waste Management Department, Office of Sustainability	LT	L	BC	Y	✓	✓		✓	✓
EDUCATE & ENABLE	M13	GHG EDUCATION Develop and implement a comprehensive sustainability and GHG education program for municipal employees.	←→	→	Office of Sustainability	NT	L	BC	Y	✓	✓	✓		

GHG = GHG Reduction Potential (Total to 2030)
 H High Reduction Potential: More than 1,000,000 tCO₂e by 2030
 M Medium Reduction Potential: 100,000 – 1,000,000 tCO₂e by 2030
 L Low Reduction Potential: Less than 10,000 tCO₂e by 2030

CLIMATE ACTION PLAN AT A GLANCE

This *Climate Action Plan* identifies twenty 2030 objectives and more than one hundred actions to be completed or significantly underway in the next five years. This plan puts Portland and Multnomah County on a path to reduce carbon emissions 80 percent from 1990 levels by 2050 (and 40 percent by 2030) and to prepare for the impacts of a changing climate. It focuses principally on major actions to be taken to accelerate emission reductions.

To draft this *Climate Action Plan*, City and County staff worked with a Steering Committee, an Equity Working Group and technical advisors. These groups helped to identify the near-term actions most likely to result in the long-term changes necessary to achieve these ambitious climate action goals, while also advancing other community goals related to prosperity, the environment, health and equity.


Example:

Portland

BUILDINGS AND ENERGY

2030 OBJECTIVES

- 1 Reduce the total energy use of all buildings built before 2010 by 25 percent.
- 2 Achieve zero-net carbon emissions in all new buildings and homes.
- 3 Supply 50 percent of all energy used in buildings from renewable resources, with 10 percent produced within Multnomah County from on-site renewable sources, such as solar.




READ MORE ON PAGES 58-69

URBAN FORM AND TRANSPORTATION

2030 OBJECTIVES

- 4 Create vibrant neighborhoods where 80 percent of residents can easily walk or bicycle to meet all basic daily, non-work needs and have safe pedestrian or bicycle access to transit. Reduce daily per capita vehicle miles traveled by 30 percent from 2008 levels.
- 5 Improve the efficiency of freight movement within and through the Portland metropolitan area.
- 6 Increase the fuel efficiency of passenger vehicles to 40 miles per gallon and manage the road system to minimize emissions.
- 7 Reduce lifecycle carbon emissions of transportation fuels by 20 percent.



READ MORE ON PAGES 70-87

CONSUMPTION AND SOLID WASTE

2030 OBJECTIVES

- 8 Reduce consumption-related emissions by encouraging sustainable consumption and supporting Portland businesses in minimizing the carbon intensity of their supply chains.
- 9 Reduce food scraps sent to landfills by 90 percent.
- 10 Reduce per capita solid waste by 33 percent.
- 11 Recover 90 percent of all waste generated.



READ MORE ON PAGES 88-97

2019 CLIMATE ACTION PLAN STRATEGIES

LAST UPDATED
FEBRUARY 2021



NOT STARTED

Step or initiative has not been started.



IN PROGRESS

Implementation is on schedule.



DELAYED

Implementation is behind schedule.



COMPLETE

Step is implemented and may be ongoing.



ALL STEPS COMPLETE

Implementation ongoing.

Example:

Boston

STRATEGY SUMMARY	STATUS # OF STEPS UNDERWAY	STRATEGY SUMMARY	STATUS # OF STEPS UNDERWAY
1 Set a net-zero standard for municipal buildings	1/1	10 Parking and transportation demand management	6/8
2 Set a net-zero standard for City-funded affordable housing	7/9	11 Citywide zero-emission vehicle deployment	8/10
3 Update zoning to a zero net carbon standard	3/6	12 Zero-emission municipal fleets	3/5
4 Energy efficiency in municipal buildings	6/7	13 Community Choice Energy	3/5
5 Develop a building emissions performance standard	6/8	14 Carbon-neutral district energy microgrid systems	2/2
6 Green building workforce development	4/5	15 Energy advocacy at the state level	3/4
7 State advocacy on building policy	1/1	16 Consumption emissions	2/4
8 State advocacy on transportation	8/9	17 Green municipal investments	1/3
9 Biking and walking infrastructure	3/4	18 Value framework for carbon offsets	1/3

HOW TO READ THE ECAP

Example:
Oakland

