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- [Meeting slides](#)
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- [Equity Screening Tool](#)

Racial Equity & Environmental Justice Roundtable
Tuesday, October 12, 2021



Equitable climate action for a healthy and resilient Richmond

Agenda

- I. **Intro:** Settling in & welcome
- II. **Round-Robin:** What have you been working on/thinking about related to RVAgreen 2050?
- III. **RVAgreen 2050 Process Update**
- IV. **RVAgreen 2050 Plan Deliverables:** What information should we include?
- V. **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

Round-Robin!

What have you been working on/thinking about related to RVAgreen 2050?

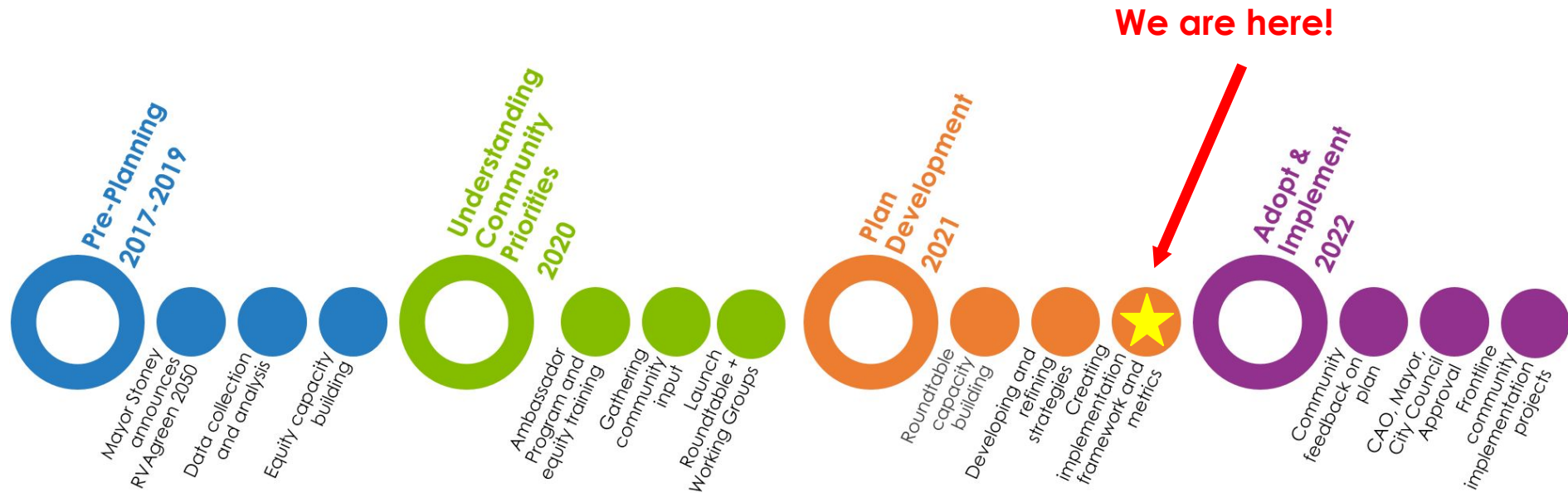


RVAgreen 2050 + Science Museum of Virginia air quality walks led by JaVonne, Jovonni, and Irina!

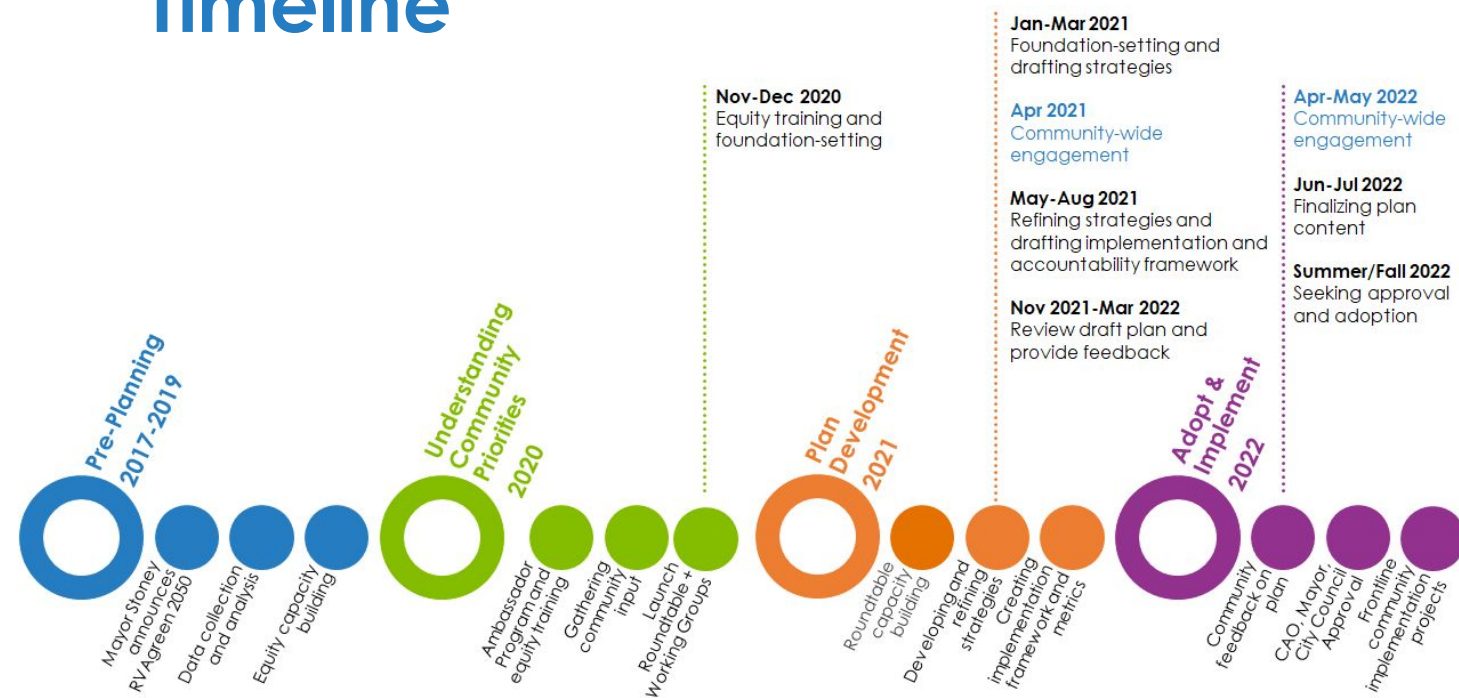
RVAgreen 2050

Process Update

Process Overview



Timeline



Proposed Roundtable Meetings:

- December
- February
- March
- June

Proposed Working Group meetings:

- November
- February
- June

RVAgreen 2050

“THE PLAN”

What is “the plan”?



A document

+



an interactive website

Discussion 1: What plans do you like in terms of look, feel, information, etc.?

Example:

San Antonio

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

2019 REPORT | SAN ANTONIO CLIMATE READY

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

		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.

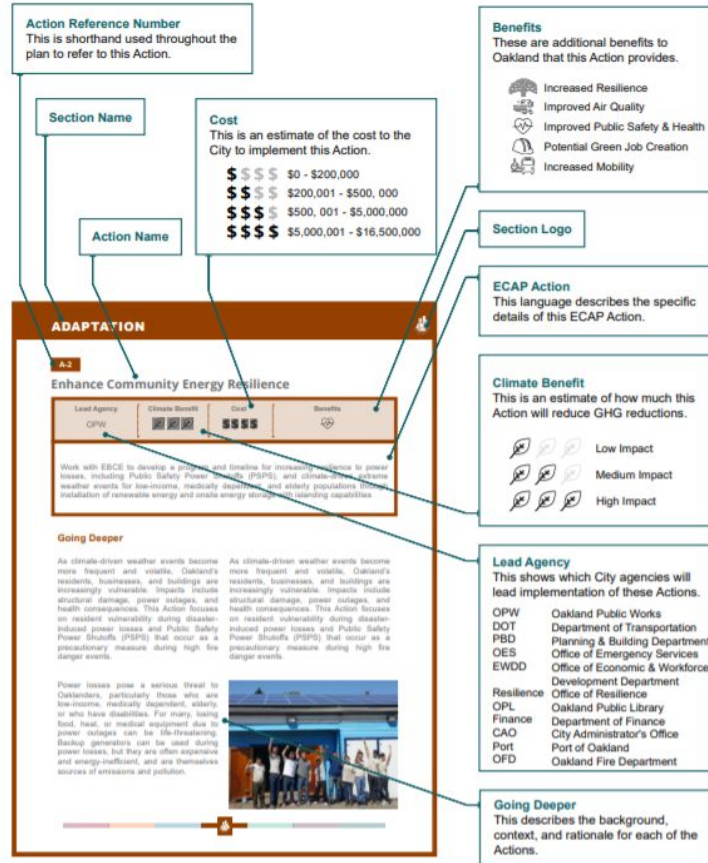
Example:

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

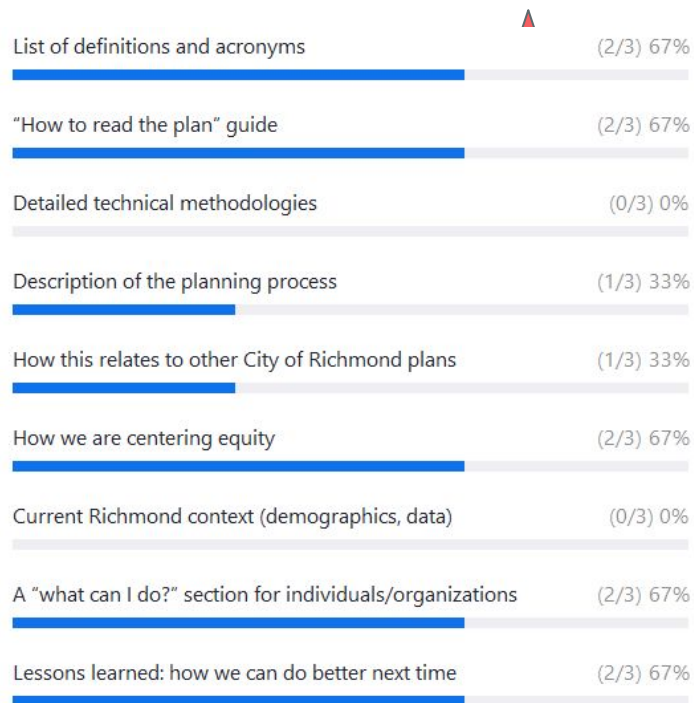
HOW TO READ THE ECAP

Example:
Oakland



Discussion 2: What pieces of information would be helpful to include (in addition to the strategies)?

- List of definitions and acronyms
- “How to read the plan” guide
- How this relates to other City of Richmond plans
- Description of the planning process
- Detailed technical methodologies
- How we are centering equity
- Current Richmond context (demographics, data)
- A “what can I do?” section for individuals/organizations
- Lessons learned: how we can do better next time
- ***Something else?***

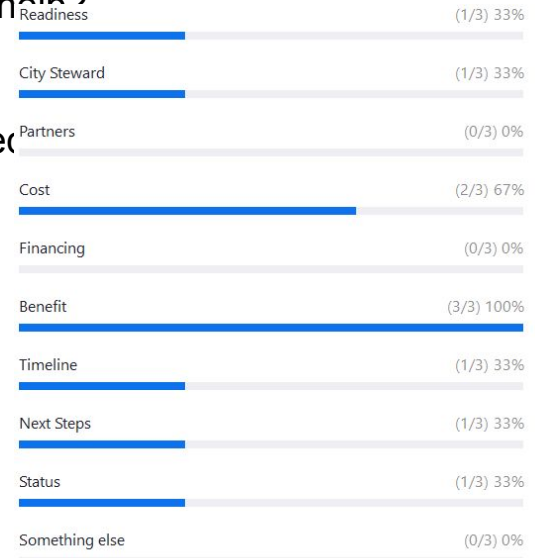


Discussion 3: What information should be included on each strategy?

Pieces of information	Example
Strategy language + subcomponents (specific action items)	Increase municipal energy efficiency - convert all city-owned streetlights to LED
Readiness: <i>does this require city or state legislation to get started?</i>	Ongoing
City Steward: <i>what city department is primarily responsible for implementation?</i>	Department of Public Utilities
Partners: <i>what other city departments or community groups might help?</i>	Planning, Police, Dominion Energy
Cost: <i>what will it cost?</i>	Medium
Financing: <i>where might funding come from?</i>	City budget; utility rebates
Benefits: <i>will this reduce emissions, increase resilience, advance equity?</i>	Reduce emissions (medium); advance equity (medium)
Timeframe: <i>will this be implemented in 2 years? 5 years?</i>	1-3 years
Next steps: <i>what specific steps need to be taken to get started?</i>	Gather existing conditions report for streetlight replacement roll-out
Status: <i>is this proposed? On track? Needs reworking?</i>	On track

Quick poll: What are your top 3 most useful pieces of information?

- **Readiness:** does this require city or state legislation to get started?
- **City Steward:** what city department is primarily responsible for implementation?
- **Partners:** what other city departments or community groups might help?
- **Cost:** what will it cost?
- **Financing:** where might funding come from?
- **Benefits:** will this reduce emissions, increase resilience, advance equity?
- **Timeframe:** will this be implemented in 2 years? 5 years?
- **Next steps:** what specific steps need to be taken to get started?
- **Status:** is this proposed? On track? Needs reworking?
- **Something else?**



Wrap-up

Wrap-up and next steps

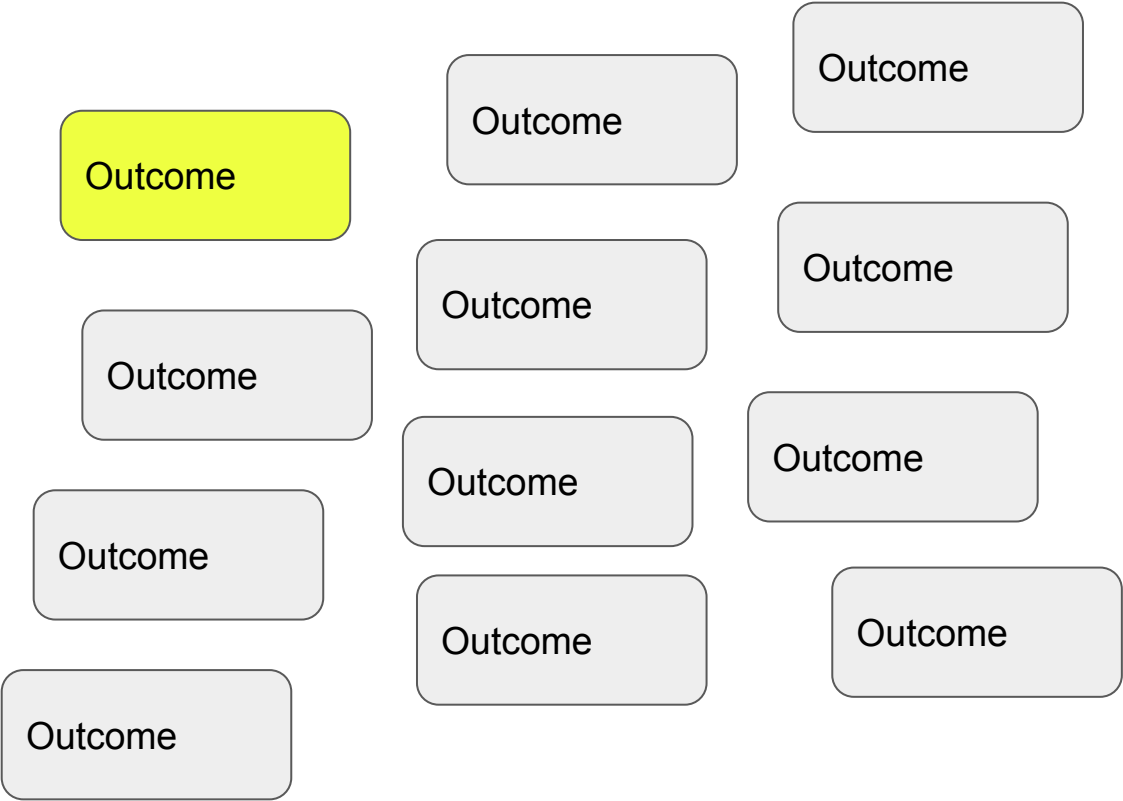
- **THANK YOU EBONY AND MATTHEW!!!**
- **UP NEXT:**
 - Working Group meetings: mid-November
 - Roundtable meeting: mid-December
 - *Are you interested in being profiled as an **RVAgreener**?*
- **SHARE YOUR UPDATES, EVENTS, AND RESOURCES**

THANK YOU!

EXTRA SLIDES

WEBSITE CONCEPT

Hover over an outcome to highlight it
and something pops up/transforms to
“see more”



Clicking takes you to new visual/page
with just that outcome w/ additional
info

Outcome

Indicators +
data/maps

Which
RVAgreen
2050
objectives
will get us
there?

Which
community
priorities
does this
support?

Clicking on an objective displays the strategies underneath it

Outcome

Indicators + data/maps

Which RVAgreen 2050 objectives will get us there?

Which community priorities does this support?

Strategy readiness city steward

Strategy readiness city steward

Strategy readiness city steward

Needs/wants

- Editable by staff without HTML/coding experience (ideally)
- ADA accessibility (BF to look more into this)
- Spanish translation
- Mobile friendly