RVAgreen 2050 Objectives & Strategies Part 2

Roundtable Meeting 3/30/2021

Agenda

- Your engagement questions for April!
- RVAgreen 2050 draft content
  - Pathways
  - Objectives & Strategies Buckets
  - Engagement Survey
- Wrap-Up

Process Overview

Our May - August activities will include:

- Reviewing community input
- Refining strategies
  - Prioritization
  - Timelines
  - Metrics
  - Implementation
  - Accountability

Nov-Dec 2020
Equity training and foundation-setting

Jan-Mar 2021
Foundation-setting
Drafting strategies

Apr 2021
Community engagement

May-Aug 2021
Refining strategies and drafting implementation plans

Aug-Sept 2021
Community engagement

Oct-Dec 2021
Finalizing draft plan content

Jan-Feb 2022
Finalizing draft plan content

Feb-Mar 2022
Community engagement

Mar-Apr 2022
Finalizing plan content

Pre-Planning 2017-2019
- Mayor Stoney announces RVAgreen 2050
- Data collection and analysis
- Equity capacity building

Understanding Community Priorities 2020
- Ambassador Program and equity training
- Gathering community input
- Launch + Roundtable working Groups

Plan Development 2021
- Roundtable capacity building
- Developing and refining strategies
- Creating implementation framework and metrics

Adopt & Implement 2022
- Community feedback on plan
- CAO, Mayor, City Council Approval
- Frontline community implementation projects

Engagement Plans

What is the goal of engagement?

- What would you want to see happen (related to environment, climate action, and climate resilience) in your community by 2030?
- Will these strategies will get us there? If so, which ones? What is missing?

Group Discussion (popcorn!)

What are your final questions for your engagement plans?

Overall Engagement Goals

Overall Outreach

- **Increase by 50%** the total number of participants between each of the four RVAgreen 2050 engagement periods.
  - Phase 1 Baseline ("Understanding Community Priorities"): 471 people responded to the 2020 community-wide survey
  - Phase 2 Goal ("Plan Development - Part 1"): At least 707 people will provide feedback during the April 2021 community-wide engagement period
- **Match citywide demographic representation within 10%** across all four engagement periods combined, and demonstrate an **upward trend** in achieving a representative sample of the Richmond population between each engagement period, within the following demographic categories: City Council District; age; race; ethnicity; education level; number of people in household; household income; and additional household factors (children, seniors, chronic health conditions, sensory impairment, mobility impairment).
- Demonstrate an **upward trend** in the percentage of participants indicating that the mode of participation was easy to comprehend and complete between each engagement period, with a baseline goal of **75%** for Phase 2.
- Engage people who have never participated in a city planning process before, with a goal of **50%** of participants across all four engagement periods combined.

Objectives & Strategies

Pathways & Objectives

Pathway	Objectives
Buildings & Energy: Accelerate the equitable transition to healthy, resilient, climate neutral buildings and energy sources	1. Achieve climate neutrality and increase resilience in government buildings, infrastructure, and operations. 2. Maximize energy efficiency, performance and resilience in all existing buildings. 3. Ensure all Richmonders have equitable access to affordable and renewable clean energy. 4. Achieve climate neutrality and maximize resilience in all new buildings.
Waste Reduction & Recovery: Fostering sustainable methods of waste reduction - wasting less, reusing more toward a zero waste community	1. Model zero waste through municipal operations. 2. Reduce commercial waste. 3. Reduce residential waste. 4. Reduce industrial waste.
Transportation & Mobility: Accelerate the transition for all to clean and equitable mobility systems	1. Achieve climate neutrality in municipal fleet operations and increase resilience and stewardship of transportation infrastructure. 2. Create vibrant neighborhoods where all residents can easily ride transit, walk, or bike to meet daily needs in alignment with Richmond Connects. 3. Transition the community rapidly and equitably to clean-fuel vehicles and transit.
Environment: Invest in resilient, healthy, and equitably distributed natural resources throughout the community to support biodiversity and human well-being	1. Make sure all residents have the opportunity to engage with healthy natural resources, spaces, and biodiversity. 2. Reduce risks and impacts to the community and natural environment from extreme heat and drought. 3. Reduce risks and impacts to the community and natural environment from extreme precipitation and flooding. 4. Engage the natural environment to improve air quality and reduce greenhouse gas emissions.
Community: Create an equitable and resilient Richmond that honors community priorities	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. 2. Increase the Richmond community's social resilience to climate change.

Pathways & Strategies

Pathway	Strategy Buckets
Buildings & Energy: Accelerate the equitable transition to healthy, resilient, climate neutral buildings and energy sources	1. **Building Codes**: Lobby state legislators to allow the city to adopt building codes that promote energy efficiency, clean energy, and increased resilience to climate impacts.. 2. **Carbon Capture**: Minimize methane leakage from Richmond Gasworks operations and establish criteria for purchasing carbon offsets where needed to reduce the municipal buildings carbon footprint.. 3. **Electrification for Clean Energy**: Promote benefits of electrification of residential and commercial buildings and invest in all-electric conversions. 4. **Commercial Energy Efficiency**: Establish energy performance standards, develop incentives for energy efficiency, and increase education on energy efficiency benefits for commercial buildings. 5. **Community Solar**: Increase funding and financial incentives for community organizations to adopt microgrids and install solar. 6. **Education & Awareness**: Increase awareness and knowledge of opportunities and benefits of clean energy and building energy efficiency retrofits. 7. **Government Operations**: While phasing out fossil fuels from government contracts, integrate climate action and resilience into all department planning and processes. 8. **Green Building**: Develop funding, incentives, and guidelines for green, net-zero, and climate resilient building construction. 9. **Municipal Clean Energy**: Convert all existing city buildings to clean energy by 2050 and require all new city buildings to achieve net zero energy. 10. **Municipal Energy Efficiency**: Develop an energy management program for all city buildings, prioritizing those that serve the public, and hire staff to manage the program and meet RVAgreen 2050 goals. 11. **Residential Energy Efficiency**: Equitably increase funding and education on residential energy efficiency. 12. **Residential Solar**: Provide financial assistance and incentives for residents to switch to clean energy. 13. **Resilient Infrastructure**: Assess the need for and prioritize projects and funding to increase the resilience of city property, utility infrastructure, and residential buildings to climate impacts, incorporating workforce development training for residents.

Pathways & Strategies

Pathway	Strategy Buckets
Waste Reduction & Recovery: **Fostering sustainable methods of waste reduction - wasting less, reusing more toward a zero waste community**	1. **Building Codes**: Require on-site recycling and composting at construction sites and in all commercial building permits. 2. **Carbon Capture**: Establish partnerships to capture landfill gas and offset carbon emissions. 3. **Circular Economy**: Support resource sharing (yard sales, repair workshops, etc.) among residents and businesses and increase advocacy for the repairability of items to reduce solid waste. 4. **Composting**: Create, inform, and incentivize a city-wide composting program. 5. **Consumption**: Incentivize and provide composting options and promote policies for reducing non-compostable materials, including a tax on plastic bags and banning balloon releases. 6. **Education & Awareness**: Identify waste management best practices and raise both awareness and education on actions to reduce waste. 7. **Environmental Justice**: Develop policies to reduce illegal dumping and impact of waste removal without placing burden on vulnerable residents. 8. **Municipal Operations**: Adopt zero-waste practices for city operations and reevaluate procurement policies to reduce waste in purchasing. This includes tracking, training, elimination of single-use plastics, composting, and exploring opportunities to enhance wastewater treatment and remove waste from waterways. 9. **Pay-As-You-Throw**: Create a program that encourages residential waste reduction by basing monthly solid waste bills on trash volume or weight. 10. **Recycling**: Mandate recycling at multi-family buildings and businesses, and increase municipal recycling services to the same or more frequent schedule as solid waste 11. **Resilient Infrastructure**: Create regional partnerships to create resilient solid waste management infrastructure in the most climate vulnerable communities. 12. **Waste Audits**: Conduct municipal waste audits to create waste reduction strategies and incentivize businesses to complete waste audits. 13. **Zero Waste**: Create policies and incentives for businesses to go zero-waste.

Pathways & Strategies

Pathway	Strategy Buckets
Transportation & Mobility: **Accelerate the transition for all to clean and equitable mobility systems**	1. **Complete Streets**: Equitably improve, increase, and beautify pedestrian infrastructure. 2. **Connectivity**: Equitably increase safe pedestrian and bike connectivity infrastructure to employment, education, businesses, and other services and amenities. 3. **Education & Awareness**: Increase awareness of sustainable transportation benefits. 4. **Electric Vehicle Transition**: Transition the city's and GRTC's vehicle fleet to electric while equitably increasing opportunities for resident ownership. 5. **Public Transit**: Equitably increase access to public transportation while improving frequency, reliability, convenience, and infrastructure. 6. **Resilient Infrastructure**: Include climate resilience as a goal for transportation infrastructure improvements. 7. **Transportation Efficiency**: Increase overall efficiency for all transportation modes and reduce emissions from city operations and private travel by supporting alternative transportation methods, policies, and reducing vehicle idling.

Pathways & Strategies

Pathway	Strategy Buckets
Environment: Invest in resilient, healthy, and equitably distributed natural resources throughout the community to support biodiversity and human well-being	1. **Air Quality**: Identify and assess sources of air pollution and opportunities for improving air quality through green space, trees, and other environmental projects. 2. **Carbon Sequestration**: Increase green spaces, trees, and other natural solutions that will remove greenhouse gas emissions from the atmosphere and create opportunities for the local economy. 3. **Engagement**: Establish pathways and increase resident education on,engagement with, and physical access to green (parks, forests, etc.) and blue (river, creeks, etc.) spaces in Richmond. 4. **Green Spaces & Trees**: Work with the community to develop plans and programs to increase the urban forest/tree canopy, decrease paved surfaces, and increase green space to reduce the impacts of extreme heat - particularly in historically disenfranchised communities. 5. **Land & Development**: Restrict development in areas that experience or will experience flooding and manage city-owned land in a way that decreases flooding impacts to the community. 6. **Partnerships**: Increase public-private partnerships and develop relationships with neighboring localities to develop, maintain, and increase access to public open space, parks, and green infrastructure. 7. **Planning & Operations**: Increase city capacity and partnerships to maintain and create new public green spaces and infrastructure to increase climate resilience, prioritizing staff development and job creation opportunities. 8. **Stormwater Management**: Encourage residents and businesses to implement stormwater management projects (planting, rainwater capture, etc.) through financial incentives and education. 9. **Urban Agriculture**: Create an urban agriculture program in partnership with food justice organizations in Richmond to increase education and access to healthy foods. 10. **Water**: Incentivize reduced water consumption by revising water utility billing structures, methods, and communications.

Pathways & Strategies

Pathway	Strategy Buckets
Community: Create an equitable and resilient Richmond that honors community priorities	1. **Accountability**: Ensure RVAgreen 2050 climate metrics (and consequences for not meeting metrics) are clear and shared publicly to make sure they align with community priorities. 2. **Communications**: Develop and improve communication strategies to equitably engage all Richmonders on climate action and resilience. 3. **Education & Awareness**: Increase education and engagement on climate action, resilience, and impacts for Richmond residents, property owners, and businesses. 4. **Resilience Infrastructure**: Identify and plan community resilience hubs and permanent cooling centers, particularly in neighborhoods on the frontlines of climate impacts. 5. **Funding**: Establish and maintain budgets to fund climate action and resilience projects and infrastructure improvement. 6. **Planning & Partnerships**: Develop and support both internal and external partnerships to align and share goals of RVAgreen 2050 in Richmond. 7. **Resilience Planning**: Evaluate and enhance existing and create new programs, partnerships, and funds to increase the community's resilience to climate impacts, prioritizing those who are most vulnerable and historically disenfranchised communities.

Activity - 30mins

Community Engagement Survey

Complete the [Community Engagement Survey](#)

- Is this easy to understand?
- Will this connect with the communities you intend to engage?
- What is important to have in the paper survey?

Community Survey Test

- How long did it take you?
- Was this easy to understand and easy to complete?
- What parts/questions are most important to include in the paper version of the survey?

Goodbye Brianne :(

Wrap-Up

Next Roundtable Meeting

- May 11th
- 4-6pm

Engagement Phase 2

- Supply drop offs start April 6th
- Form for no-contact drop off locations

Delay in some physical material