RVAgreen 2050 Roundtable Meeting

08.17.2021

Agenda

- Process/Timeline Update
- Discussion:
  - Fall/winter engagement and communications
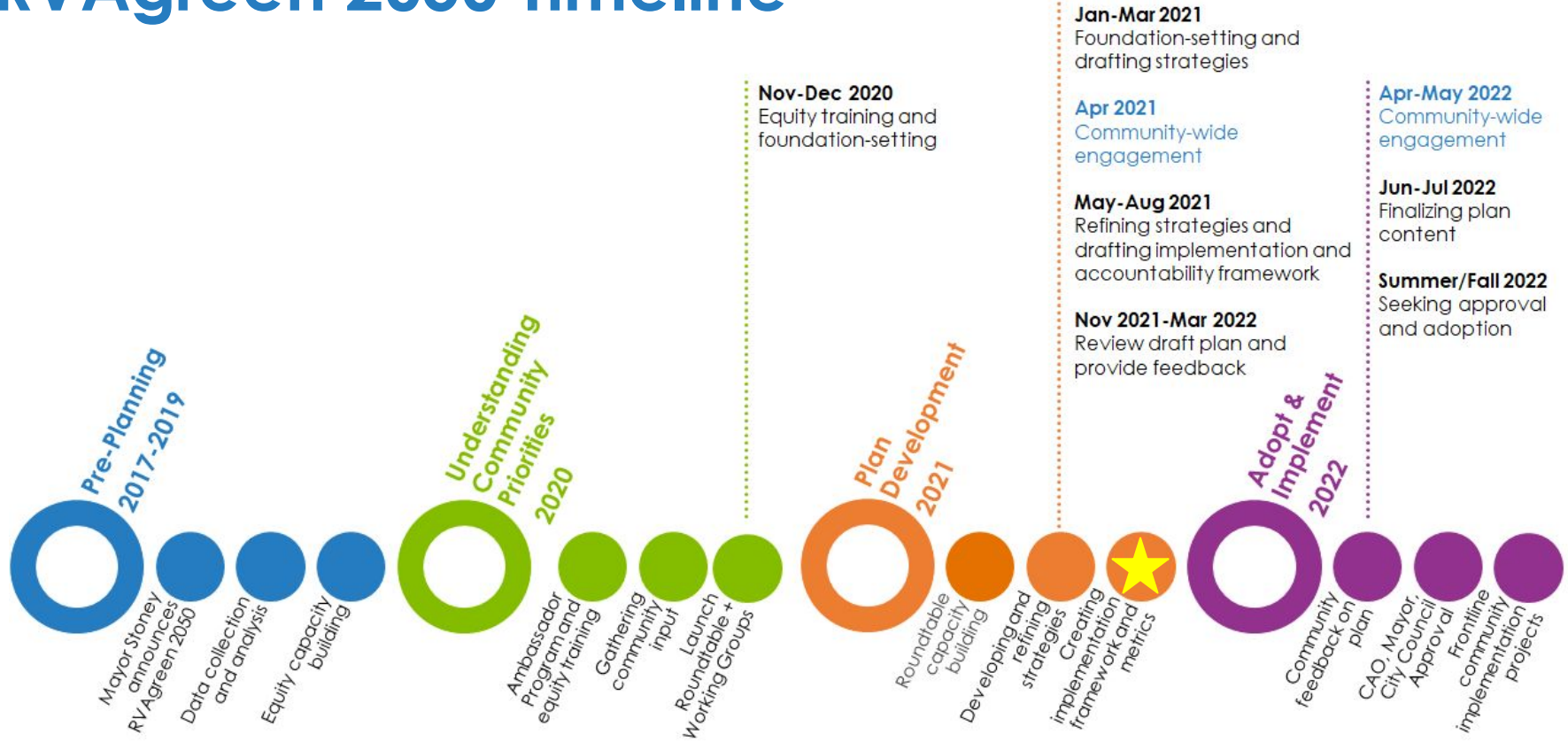 - Equity and accountability

Goals

- What can we be doing to meet community needs?
- How can we touch back with the community more often?
- Start thinking about equitable implementation and accountability

Process Update

RVAgreen 2050 Timeline

Planning Process *UPDATED* Timeline

August - September 2021: Implementation and Accountability (Working Groups)

October 2021: Roundtable Review of Completed Strategies

November - December 2021: Office Develops RVAgreen 2050 V1

December 2021: Roundtable Review of RVAgreen 2050 V1

February 2022: Engagement planning starts (Roundtable)

March 2022: City leadership feedback on RVAgreen 2050 V1

April 18 - May 30, 2022: Final Engagement (Office and Roundtable)

August 18th is Kendra's Last Day

Discussion

How can we keep the community engaged and informed until spring 2022 when we have the next community-wide engagement campaign?

What can YOU do? How can the Office support you?

What can the Office do?

- Social media (Twitter, Facebook (older-adults), Instagram, NextDoor, Websites)
  - Tiktok? - youth
- Traditional media (free and reaches a lot of people) - press release
  - Morning news shows - each network has a different audience - Greg @ Channel 8, on-air people @Channel 12
  - <mark>Check in on if Roundtable members can reach out to media</mark>
  - Style Weekly - editor and calendar person
- Outreach/communications toolkit for Roundtable members - press release, policy documents, etc
  - Google Drive for sharing materials
  - Slack is better for mobilizing in short term (can link to Google Drive)
- Office reach out to environmental orgs to write op-eds about RVAgreen 2050 / Clean City Commission (Chuck has a connection with an org that works on polls)
- Physical materials (posters, flyers, pamphlets, etc - in key locations like libraries and bus stops)
- *Things still mostly happening virtual / in person struct about masking!*

What does accountability for the equitable implementation of RVAgreen 2050 strategies look like to you?
Who is being held accountable? Who is holding them accountable?
Is there a continuing role for a group like the Roundtable?

- Accountability should be in the plan and the community should hold the city accountable. Data, metrics, etc should be put in the plan for accountability in the future.
- Create a council of people from the community (similar to Roundtable)[grand jury] informed by technical experts to investigate and hold both city and businesses accountable to RVAgreen 2050 goals and outcomes
  - Power needed to penalize (fines on the business/employment disciplinary action for business contracts)
  - State level legislation consideration to hold industry/institutions accountable
- Incentives for doing well - awards for recognizing
  - Green Business (external) program and Green Department/Office (internal) program
  - Ex: tax incentives for businesses for physically investing in Richmond
- Annual reporting to city council, roundtable, working groups

Closing:

Next meeting: September 28th
Stipend Invoices Due: September
1st

Final 48 Prioritized Strategies

Buildings & Energy

Objective 1: Achieve climate neutrality and increase resilience in government buildings, infrastructure, and operations.

- **MUNICIPAL ENERGY EFFICIENCY PROGRAM:** Develop a program to achieve the energy efficiency goals of RVAgreen2050 and Richmond 300.
  - **Convert all city-owned streetlights to LED lighting,** minimize operation during daylight hours, and identify opportunities for solar panels in the lighting infrastructure. Prioritize improvements in historically disenfranchised neighborhoods.
  - **Benchmark energy use in all city buildings**, set a goal to meet Energy Star Certification guidelines, improve building energy use, and make information available in a public portal.
  - **Prioritize energy efficiency retrofits of city buildings** in those that serve the public therefore improving their health, safety, and accessibility while rating the highest return on investment in cost savings and GHG reductions.
  - **Create an Energy Manager position** with authority to work across departments and establish partnerships in the community.
- **MUNICIPAL CLEAN ENERGY & NET ZERO CONSTRUCTION:** Incorporate measures toward the goal of converting all city buildings to clean energy by 2050.
  - **Incorporate electrification requirements** into all Capital Improvement Plans (CIPs)
  - **Catalog and track natural gas usage** of all city buildings
  - **Require green buildings standards** in all new construction to achieve net zero energy and incorporate the infrastructure required to make them solar-ready, wired for EV chargers, and compatible for demand response enrollment.
    Phase out fossil fuel dependence in all city agreements and contracts by giving preference to companies that reduce the city's energy footprint.
- **MUNICIPAL CLIMATE IMPACT MAPPING :** Establish a protocol for tracking greenhouse gas emissions and planning for climate impacts.
  - **Create a departmental GHG tracking protocol** to identify reduction opportunities and publicize key performance indicators (KPIs) quarterly. Incorporate data and equity into performance based budgeting.
  - **Incorporate a review of City operations every 5 years** to identify opportunities to address climate impacts and incorporate climate projections into land use planning, building regulations, and capital investments prior to implementation.
- **MUNICIPAL RESILIENT INFRASTRUCTURE ASSESSMENT:** Conduct a climate vulnerability and risk assessment of all city property (including buildings and parcels). Identify and prioritize properties for specific resilience projects.

Objective 2: Maximize energy efficiency, performance and resilience in all existing buildings.

- **RESIDENTIAL ENERGY BURDEN:** Implement measures to reduce the energy burden of Richmond's most vulnerable communities and improve residential resilience to climate change.
  - **Facilitate energy efficiency upgrades** through community-based programs, advocacy, partnerships, and low/no-cost financial options.
  - **Establish partnerships to provide equitable thermal comfort** through immediate cooling relief in the way of equipment, tree canopy, and utility bill assistance to low income residents and/or residents of formerly redlined neighborhoods and heat islands.
  - **Educate all residents about the benefits of electrification** by sharing targeted case studies in the areas of highest utility burden.
- **COMMERCIAL ENERGY EFFICIENCY PROGRAMS:** Develop policies, incentives, and financing mechanisms to improve commercial energy efficiency; offer assistance and technical expertise to those that are financially challenged and facilitate workforce development.
  - Implement a **Commercial Property Assessed Clean Energy (cPACE) program to facilitate energy efficiency upgrades**
  - **Require retrocommissioning for existing commercial buildings** to improve the efficiency of a building's equipment and systems.
  - **Develop and promote a Green Business Challenge and/or certification program** that prioritizes small businesses in underserved communities.
  - **Benchmark existing commercial buildings** to establish a baseline and conduct ongoing measuring/tracking in conjunction with energy audits and retrofits
  - **Require an equitable building performance policy** for existing commercial buildings over 5,000 sf through a phased-approach.
  - **Workforce Development** encourage builders and developers to hire Small, Women-owned and Minority-owned businesses (SWaM)**.**
- **CONSTRUCTION & ENERGY CODE ENFORCEMENT:** Prioritize the most recent energy requirements in all new construction and site plan approvals.
  - **Facilitate Energy Code Adoption** by working with allied organizations to encourage the Board of Housing and Community Development to adopt the most recent International Energy Conservation Code (IECC) for all commercial and residential buildings.
  - **Enforce energy efficiency requirements** during plan review and approvals by training plan reviewers and building inspectors and cultivating the department's capacity to enforce letter and spirit of building energy code provisions.

Objective 3: Ensure all Richmonders have equitable access to affordable and renewable clean energy

- **SOLAR ENERGY EDUCATION & OUTREACH:** Provide equitable education and outreach to make homes and small businesses healthy, safe, and affordable through solar installations, focusing on frontline communities reducing disproportionately high energy burden in these neighborhoods.
- **SOLAR INSTALLATION INCENTIVES & ACCESS:** Encourage solar installations through the removal of zoning restrictions, incentivising opportunities, and increasing funding for microgrids.
  - **Incentivize opportunities for ground-mounted solar** and community (shared) solar farms on parking lots and non-buildable or previously disturbed land with access to community solar for energy-burdened communities
  - **Provide funding for microgrids and battery backup for energy storage** to community-based organizations particularly in frontline communities
  - **Fully exempt solar from property tax increases** through the adoption of an ordinance per VA state energy code Section 58.1-3660 and 3661.
  - **Improve access to renewable energy** by reviewing existing zoning ordinances and policies for impediments and revise to reduce all barriers and allow solar and battery storage to be placed in more places.
- **CLEAN ENERGY WORKFORCE DEVELOPMENT**: Establish training programs, apprenticeships, and a conservation corps/job placement program in low-income and diverse neighborhoods to build capacity for jobs related to solar installation and maintenance, weatherization upgrades, and energy efficiency auditing (e.g., prison to solar training).

Objective 4: Achieve climate neutrality and maximize resilience in all new buildings.

- **NET-ZERO ENERGY DESIGN:** Develop and require builders to incorporate measures to advance net-zero energy design and green building in all new buildings.
    - **Develop a central repository of funding opportunities and incentives for green and net-zero construction** that supports the local labor workforce with a focus on affordable housing in frontline communities.
    - **Promote legislation for adoption of building codes** requiring all new buildings to be powered by clean energy with the goal of net-zero energy design.
    - **Require solar readiness measures** for all new buildings.
- **RESILIENT DESIGN GUIDELINES:** Develop Resilient Design Guidelines and require builders to incorporate design measures to reflect a changing climate, increased precipitation and flooding in concert with a public education campaign to convey the benefits of adaptive and resilient buildings.

Community

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.

- **Affordable Housing Trust Fund** – Develop and implement climate mitigation and resilience requirements for new affordable housing units funded with any amount of money from the Affordable Housing Trust Fund.
- **Business Incentives** – Develop incentives for employers to facilitate GHG emission reduction programs including but not limited to telework and offsetting the cost of employee alternative transportation options.
- **Climate Action and Resilience Assistance** - Create a guide to help small businesses, homeowners, and renters navigate City incentive programs, permitting, building code, zoning, and licensing processes related to reducing greenhouse gas emissions impact and/or enhancing resilience.
- **Climate Impact Grant** - Create a climate impact fund to provide grants to help target communities prepare for extreme weather events, and pay residents and enable local nonprofits to work on climate action and resilience projects in target neighborhoods.
- **Community Benefits Scorecard and Agreements** - City develop community benefit scorecard and agreements with target community members. Public scorecard used to evaluate projects and benefit agreements ensure community priorities which could include items such as creating jobs, utilizing local workforce development agencies to assist with hiring local, creating public open space, creating climate resilient low-income housing, and more.
- **Community Partnerships** - Develop a climate action and resilience neighborhood partnerships program to build trust, share knowledge, identify and connect community projects to volunteers and resources by leveraging community connections, encouraging institutions to create neighborhood partnerships, and partnering with existing organizations to align projects with RVAgreen 2050 strategies.

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

- **Community Response Fund** - Utilize the Central Virginia COVID-19 Response Fund and other eligible sources to provide direct and immediate assistance to community organizations that assist residents before, during, and after extreme weather events. Eligible expenses should include home repairs, healthcare costs, among others.
- **Community Stakeholders** - Pay community members from historically disenfranchised communities that will be most impacted by climate change for their expertise and time in the process of developing, implementing and evaluating solutions as community leaders on climate action and resilience.
- **Organizational Collaboration** - Connect and build capacity among community leaders, public health and healthcare infrastructure, local nonprofits, and businesses to collaboratively identify neighborhood leaders and resources for emergencies and develop community asset maps to increase climate resilience.
- **Resilience Hubs** - Identify community facilities across the city, such as community centers and libraries, and provide funding to enable these resources to serve as resilience hubs and cooling centers to the community, particularly in areas with low-income, elderly, young, and homeless populations

Environment

Objective 1: Make sure all residents have the opportunity to engage with healthy natural resources, spaces, and biodiversity

- **Public-Private Green Space Management -** Create public-private partnerships to help the City create, maintain, and manage high-quality parks, green infrastructure, and public open space.
  - **Recreational Easement Program-** create a privately-owned public space program to incentivize private landowners and/or developers to include publicly accessible green/open space in underserved areas.
  - **Invasive Species Management-** Conduct an impact assessment of climate change with regard to the presence of invasive species and create a plan for control and minimization of their presence and impacts.
  - **Mayor's Green Team Recommendations (2020)-** Validate and implement recommendations including fostering interdepartmental cooperation and coordination on green space and parks projects.
  - **Create a citywide definition of quality green space** that provides guidance on these and other strategies, which includes information on the types of spaces that provide co-benefits for extreme heat and flooding resilience.
- **Parks Master Plan -** Develop, fund, and implement a Parks Master Plan providing all Richmonders access to a quality public park that meets the surrounding community's priorities within a 5-minute walk, bike, or bus ride. Prioritize locations based on a set of factors co-created with the community.
  - **Staffing:** Create a permanent office/position within the Department of Parks, Recreation & Community Facilities to manage partnership and volunteer programs.
  - **Green Infrastructure Fund:** Establish a fee or fund for parks and green infrastructure maintenance and the acquisition of new green space, such as $0.005 per dollar of real estate taxes or parking fees for non-city residents at high-use locations on summer weekends.
  - **Awareness:** Create a program to introduce Richmonders to the City's public green and blue spaces (including how to get to them, how to use them responsibly, etc.) that is tailored to individual interests, physical ability, and other factors.
- **Urban & Community Agriculture** - Develop, fund, and implement, while making visible and accessible, an urban agriculture program that partners with food justice community organizations and includes an apprenticeship training program. Identify changes needed in the community garden ordinances for sales and increased funding for staffing, maintenance, and materials. Incentivize owners of multifamily dwellings to remove barriers to individuals growing their own food and allow universal access to community gardening and composting. Encourage cultivation of native plants.

Objective 2: Reduce risks and impacts to the community and natural environment from extreme heat and drought.

- **Urban Heat Island Reduction** - Develop, fund, and implement an urban heat island reduction plan with a focus on vulnerable populations and ecosystems. Include actions such as mandating benches and shade structures at all bus stops and establishing "rubber-stamped" shade structure designs that businesses can build and install in the public right-of-way.Develop a cool surfaces program for lighter color and green roofs and lighter color surfaces such as streets. Develop a depaving program plan for impervious surfaces that includes an ordinance to allow non-DPW entities to conduct depaving projects, with standards and guidelines for such projects. Establish requirements for major development related to mandating no net increase in impervious surface areas upon project completion.
- **Urban Forest & Green Space Planning-** Develop, fund, and implement an urban forest master plan, engaging the community to develop a set of criteria for places to focus planting efforts (existing canopy, heat, plantable space, etc.).
  - **Increase City Resource Capacity** internally and via community partnerships for maintaining existing resources that enhance extreme heat and drought resilience by increasing the maintenance budget, hiring (including through a workforce development program), and providing staff training and engagement opportunities to increase buy-in and decrease turnover.
  - **Expand the Adopt-A-Tree program** through new opportunities such as by allowing community organizations to buy trees in bulk and committing to caring for the trees.
  - **Mayor's Green Team and New Development** - Validate and implement the recommendations of the Mayor's Green Team (2020) by adopting the use of proffers or impact fees on new developments to increase green space and tree canopy.

Objective 3: Reduce risks and impacts to the community and natural environment from extreme precipitation and flooding

- **Neighborhood Prioritization -** Engage community and use data (such as the Climate Equity Index, RVA311, RVAH2O, and other sources) to equitably identify and prioritize neighborhoods for extreme precipitation and flooding resilience projects including assessing existing stormwater infrastructure, green alleyways, stream restoration, and depaving. To ensure projects meet neighborhood needs, conduct equity-centered engagement processes with prioritized neighborhoods.
- **Extreme Precipitation Resilience Planning & Operations:**
    - **Capacity & Resources -** Increase City capacity for maintenance of existing resources that enhance flood resilience by increasing maintenance budget, hiring more staff (including through workforce development program), and providing staff training and engagement opportunities to increase buy-in and decrease turnover.
    - **Green Infrastructure Master Plan** - Implement the Green Infrastructure Master Plan to expand green infrastructure on public lands and rights-of-way to improve stormwater quality and reduce runoff through City projects and community partnerships, and include public engagement and education programs.
    - **Zoning & Permitting** - Create incentives or requirements in zoning and development processes (such as proffers or impact fees) for green infrastructure on new development.
    - **Project Management** - Create an integrated project management portal to streamline administration and permitting of public-private partnership projects that increase resilience to the impacts of flooding and extreme precipitation, such as green infrastructure installations.

Objective 4: Engage the natural environment to improve air quality and reduce greenhouse gas emissions.

- **Carbon Sequestration:** Explore the potential for carbon farming, sequestration and removal on vacant public or private land, throughout the City's parks and open space system, schools, and in coordination with other landowners, prioritizing investments in frontline communities where feasible. Maximize carbon sequestration by prioritizing deep root, native plantings.

Transportation & Mobility

Objective 1: Achieve climate neutrality in municipal fleet operations and increase resilience and stewardship of transportation infrastructure.

- **TRANSPORTATION DEMAND MANAGEMENT** - Reduce emissions in city operations through the support of employee commute alternatives such as transit and bicycle storage facilities, shower facilities, optimized vehicle routing, telecommuting, and enforcement of the anti-Idling policy among city employee drivers.
- **MUNICIPAL CONNECTIVITY & COMPLETE STREETS** - Promote stewardship of the City's Better Streets policy between neighborhoods by connecting areas and green space in order to promote walkability, bikeability, and continuity for all modes of transportation, including transit and micro mobility (e.g. scooters, mopeds, e-bikes, etc..).
- **MUNICIPAL FLEET ELECTRIFICATION -** Electrify Richmond's fleet of vehicles and equipment in alignment with the Clean and Green Fleet Report.
  - -<u>Fleet Electrification</u> - Develop a municipal fleet electrification plan for all new vehicles and equipment purchases.
  - -<u>Purchasing</u> - Implement recommendations of Clean and Green Fleet Report and require all new vehicle and equipment purchases to evaluate electric options that incorporate full life cycle costs and the social cost of carbon in budget forecasting.
  - -<u>Alternative Fuel Vehicles</u> - Incorporate alternative fuel vehicles and e-bikes in the City fleet to reduce carbon emissions when electric vehicle options are not viable. Support the local economy through local biofuel / negative carbon opportunities, generate workforce development, and identify potential climate resilience and redundancy measures of alternative fuels.
- **CLIMATE RESILIENT INFRASTRUCTURE** - Develop, implement and fund a Climate Resiliency Plan for transportation infrastructure using the Climate Equity Index to prioritize budget requests for resilient maintenance of all existing bridges, roads, sidewalks, and alleys and to enhance resilience of all new transportation infrastructure. Adopt an ordinance to require the City use the Envision framework for all new City infrastructure projects and to ensure that all new infrastructure projects are sited to avoid/minimize impacts to natural resiliency features such as wetlands, forests, and vegetated riparian buffers.

Objective 2: Create vibrant neighborhoods where all residents can easily ride transit, walk, or bike to meet daily needs in alignment with Richmond Connects.

- **RESILIENT BUS TRANSIT SYSTEM -** Improve and expand bus routes, stops, and bike share options, with priority for low car ownership and underserved areas.
  - -<u>Bus Service</u> - Improve public transit frequency, reliability, access, convenience, user experience, and local and regional connectivity. Prioritize underserved communities by connecting high-density housing to employment centers and amenities.
  - -<u>Bus Stops</u> - Improve and maintain priority transit stops in low-income and low car ownership areas with amenities for enhanced safety, accessibility, convenience, and resilience.
  - -<u>Bike Share</u> - Expand the bike (and e-bike) share program citywide and make it accessible and affordable for all residents.
  - -<u>Resilience Measures</u> - Strategically integrate and seamlessly connect street trees with public transit, biking and walking infrastructure to increase shade and improve stormwater management to minimize the potential impacts of flooding and heat
- **INTEGRATED CONNECTIVITY** - Develop shared-use paths with strategically integrated tree cover, prioritizing the connection of low-income neighborhoods to jobs, necessities, amenities, green spaces, natural resources, and local and regional greenways to empower residents to safely use and protect their biking and walking infrastructure.
- **RESIDENTIAL MOBILITY & COMPLETE STREETS -** Promote the stewardship of safely walkable and bikeable neighborhoods that connect Richmonders to jobs, necessities, and amenities throughout the City in alignment with Richmond Connects**.**
  - -<u>Bicycle Master Plan</u> - Prioritize the expansion and improvement of pedestrian and bicycle infrastructure to all areas of Richmond through the City's budgeting process.
  - -<u>Sidewalk Networks</u> - Implement pedestrian-friendly (ADA compliant, street trees, and pedestrian-level solar-powered LED lighting) networks through beautification and placemaking efforts prioritizing underserved communities and those with low car-ownership.

Objective 3: Transition the community rapidly and equitably to clean-fuel vehicles and transit.

- **PRIVATE & COMMERCIAL VEHICLE ELECTRIFICATION -** Facilitate the transition to affordable, convenient, and reliable electric vehicles for buses, shared vehicles, and private vehicles for all Richmonders.
- **CHARGING INFRASTRUCTURE -** Support the equitable build-out of electric vehicle charging stations throughout the City and encourage equitable, geographically distributed installation of these stations in all neighborhoods, reviewing potential barriers to expansion in existing codes/ordinances.

Waste Reduction & Recovery

Objective 1: Model zero-waste through municipal operations.

- **MUNICIPAL COMPOSTING INITIATIVES** - Conduct organic waste and diversion education and awareness activities and provide options for composting in all city-owned buildings, parks, schools, and facilities. Make compost and mulch available to city properties, residents, and small businesses.
- **MUNICIPAL ZERO WASTE -** Demonstrate high-impact zero-waste practices through a commitment to meeting standards set forth by Executive Order 77.
  - -<u>Zero Waste</u> - City operation will demonstrate high-impact zero waste practices in its design and expansion. The city will lead by example, aligning with the community's broader goals to educate and prepare the next generation.
  - -<u>Model Zero Waste Internally</u> - Track and visibly promote large-scale climate neutrality efforts and implement strategies that incentivize behavior change among city employees, such as elimination of desk-side trash bins, removal of single-use plastics and Styrofoam, and regular waste minimization and sustainability trainings.
  - -<u>Institutional Best Practices</u> - Seek cost-effective best practices among institutional partners and identify opportunities for collaborations in order to minimize waste.
  - -<u>Tracking</u> - Conduct an internal waste audit to assess waste streams and their recovery, recycling, and disposal in order to prioritize waste reduction efforts.

Objective 2: Reduce commercial waste.

- **COMMERCIAL COMPOSTING** - Incentivize, support, and provide education for the creation of facilities and services to provide equitable access to organic waste collection and composting. Encourage and incentivize organic waste reduction activities at all commercial buildings and events.
- **PUBLIC ENGAGEMENT FOR WASTE REDUCTION -** Engage Richmonders to develop and mobilize support for legislation and ordinances aimed at reducing waste.
  - -<u>Task Force for Institutional Waste</u> - Create a geographically and demographically representative task force to mobilize support for legislation banning plastic bags, phasing out of polystyrene containers, balloon release bans and other commercial waste reduction initiatives in alignment with Executive Order 77. Work with institutions to remove single-use plastics and minimize other large waste streams.
  - -<u>Policy</u> - Pass ordinance to impose tax on plastic bags per state enabling legislation; phasing out of polystyrene containers; and balloon release bans. Advocate for a bottle deposit bill in the General Assembly.
  - -<u>Commercial Waste Campaign</u> - Broadcast an education campaign geared toward residents, businesses, and institutions to inform how to reduce environmental impacts generated by consumer choices. Include infographics to depict the waste stream cycle, sources, and quantities.
- **COMMERCIAL RECYCLING** - Mandate an equitable multifamily and commercial recycling program for new and existing properties with equivalent levels of service as trash collection at no additional cost to renters, including providing information on how to recycle e-waste.

Objective 3: Reduce residential waste.

- **RESIDENTIAL COMPOSTING** - Establish an equitable city-wide organic waste diversion and reduction program that makes composting accessible to all Richmonders by including educational measures for onsite/backyard composting, operational measures for weekly curbside pickup, and convenient drop-off composting. Prioritize city housing projects and other frontline communities.
- **RESIDENTIAL WASTE MANAGEMENT -** Better inform Richmonders about strategies, incentives, and benefits of reducing waste and litter.
  - -<u>Residential Waste Campaign</u> - Create an accessible, large-scale education campaign for all residents about the incentives and benefits of reducing waste and the consequences of not reducing waste. Include infographics depicting the waste stream cycle, sources, and quantities, as well as environmental justice and health impacts related to landfills.
  - -<u>Pay-As-You-Throw</u> - Create a "Save As You Save"/"Reduce Trash - Save Cash" program that encourages reductions in the amount of trash going to the landfill by lowering monthly solid waste bills based on trash volume or weight.

Objective 4: Reduce industrial waste.

- **INDUSTRIAL WASTE ADVOCACY & ENVIRONMENTAL JUSTICE -** Protect communities from industrial waste through legislative advocacy and more stringent requirements for industrial waste producers, disposal, tracking, and siting.
  - -Community Advocacy - Advocate for state and regional policies aimed at reducing industrial waste, particularly from facilities located in or adjacent to frontline communities and/or in floodplains and flood-prone areas.
  - -Site Plan Review - As part of site plan review, implement measures to identify the potential impacts of new industrial facilities on neighboring communities, identify potential risks of locating hazardous materials in flood-prone areas, and incentivize waste reduction programs and manufacturing processes that minimize greenhouse gas emissions and other environmental impacts.
  - -Tracking - Incentivize industrial facilities to conduct annual waste audits and publish findings to identify potential impacts on the surrounding community.
- **CONSTRUCTION & DISPOSAL STANDARDS - Require new and updated standards for industrial waste generation, tracking, and disposal.**
  - -Construction and disposal standards - Develop and update construction standards and protocols to require environmentally-friendly and equitable processes, including required permit siting and staging for recycling and composting, requirements for demolition material recycling reporting, and incentives for companies that earn zero-waste certification
  - -Certification - Promote and reward those companies earning zero waste certification through established programs and methods (e.g. USGBC's TRUE, SCS Global Services, etc).
  - -Illegal Dumping - Develop protocols and cost considerations for responsible recycling and disposal of solar panels, batteries, and other byproducts of renewable energy and weatherization upgrades to ensure no burdens are placed on impacted communities.
  - -Construction Debris - Update construction standards to require permanent siting and staging for recycling and composting receptacles as well as adding requirements for construction and demolition material recycling reporting.