

Office of Sustainability  
Presentation to City Council Government  
Operations Committee  
May 25, 2021

City of Richmond  
**RVA**green  
2050

Equitable climate action for a healthy and resilient Richmond

# City Council Climate Action & Resilience Goals

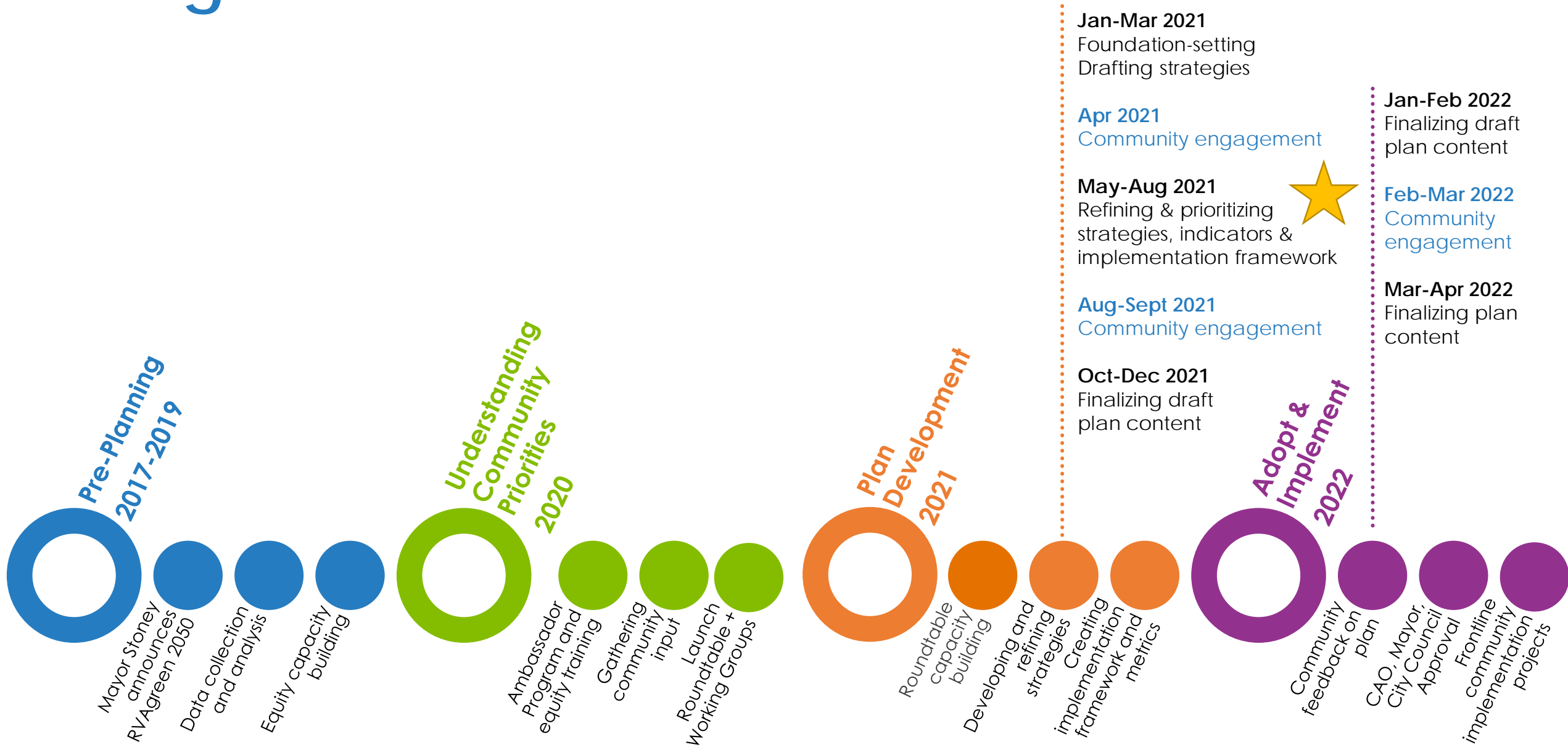
City Council Resolution 2020-R024 (Adopted Jun. 8, 2020)

45% reduction in greenhouse gas emissions by 2030 (from 2008 baseline) and net zero emissions by 2050

Prepare, adapt, and improve resilience to local impacts of climate change

Develop and implement an equity-centered, integrated climate action and resilience plan

# RVAgreen 2050 Process



# 1 vision

*All Richmonders, regardless of their identity or neighborhood, thrive in a climate-resilient and climate-neutral community*

# 2 main goals to achieve

*45% reduction in greenhouse gas emissions by 2030 and net zero emissions by 2050  
Prepare for, adapt, and improve the community's resilience to local climate impacts*

# 5 pathways to get us there



*Buildings & Energy, Community, Environment, Transportation & Mobility, Waste Reduction & Recovery*

# 7 community priorities to honor



*Racial Equity & Environmental Justice, Government Accountability, Community Wealth, Affordable Housing, Beautiful & Safe Neighborhoods, Health, Equitable Engagement & Communications*





## Pathway-Transportation & Mobility

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

**STRATEGIES:**

Municipal fleet electrification plan for all new vehicle and equipment purchases

Implement recommendations of Green Fleet Report and require all new vehicle purchases and equipment

Install electric vehicle charging stations per Green Fleet Report

Incorporate alternative fuel vehicles when electric vehicles are not a viable option

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

**STRATEGIES:**

Equitable build out of electric vehicle charging stations throughout city

Transition to electric vehicles for buses, shared vehicles, and vehicles for hire

Transition to affordable and convenient electric vehicles for all Richmonders

# Green Fleet

- Mayor priority identified in March 2019
- Virginia Clean Cities hired for Green Fleet Report (collaboration with Fleet Services and Office of Sustainability)
- Recommendations
  - develop and implement a Clean and Green Fleet Policy and a Clean and Green Fleet Procurement Plan and Schedule
  - develop a comprehensive electric vehicle charging network for City fleet vehicles
  - provide education and training to City staff on how to safely and effectively operate and maintain electric vehicles
  - provide leadership on fuel reduction initiatives (right-sizing, anti-idling, telematics, etc.)
  - annually evaluate and assess if additional vehicle classes, ex. heavy duty equipment, can be converted

# Fleet of Future Plan

- Mayor priority for general fund fleet
- Ongoing-end of summer in preparation for FY23 budget process
- Lead by Robert Steidel-Deputy Chief Administrative Officer, Operations and supported by multi-departmental team
- Aligning with Facilities of Future master plan
- Goals
  - right size the fleet
  - establish reliability standards for critical fleet equipment (fire, police, solid waste and snow operations) and fund replacement correctly
  - balance remaining fleet for maximum usage of assets city currently owns
  - plan for the fleet of the future with fuel and vehicle specifications to achieve requirements
- Green Fleet Plan rolling into Overall Fleet of Future Plan

# Questions?

*[RVAGreen2050.com](http://RVAGreen2050.com)*

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