AGENDA

City of Alexandria, Virginia

Environmental Policy Commission/ Planning Commission Joint Meeting[i]

Patrick Henry Rec Center, Conf. Room

4653 Taney Ave, Alexandria, VA 22304

Monday, October 17, 2022, 7:30 – 9:30 PM

7:30	Welcome & Introductions
7:35	Public Comments & EPC Administrative Items
7:45	Congressman Don Beyer – Discussion on the improved building performance features in the federal Inflation Reduction Act

Recommended Action: Receive Information plus Q & A

8:20	Highlights from Council's approval of the new Office of Climate Action including their comments[ii]
8:25	EPC and PC Discussion about changes to the Alexandria's entitlements process to achieve emission reduction targets:

1. What refinements to Alexandria's Plans, Policies, and Ordinances should be considered to adequately address Alexandria's environmental targets through its development entitlement's process?
2. What would be a reasonable starting point for that effort?
3. Would a small Working Group of EPC and PC Commissioners contribute to achieving the refinements effectively and quickly?
4. What opportunities for community input should this process consider?

5. What is a reasonable time-line to provide this to the Manager, his staff and Council?

Recommended Action: Discussion plus proposed designation of Working Group to draft recommended actions/options for City Manager, Staff and Council to be reviewed by each Commission for joint response

9:30 Adjourn

See end notes below for Read-ahead materials plus Attachment 1 & 2

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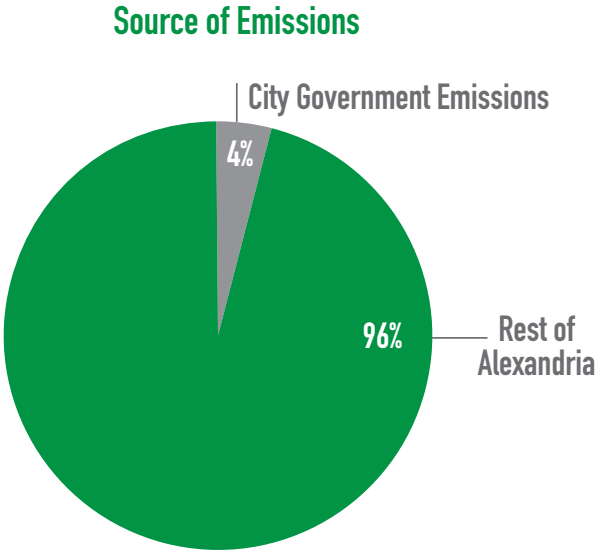
[i] Zoom link available for community members or Commissioners who are out of town or meet other criteria approved by their respective Chairs to attend remotely.

[ii] Link to Office of Climate Action presentation during Sept. 28, 2022 City Council meeting: https://alexandria.granicus.com/MediaPlayer.php?view_id=57&clip_id=5590
The presentation is Item #13, begins at about 2:58:00, and lasts about 15 minutes.

Attachment 1

Metrics

Updating the key indicators for tracking and measuring, to reflect the new goals, targets, and actions will provide performance monitoring of the EAP 2040 actions and overall accomplishments. Currently City facilities and operations account for only four percent of the emissions and residential, commercial and transportation account for 96 percent, therefore the whole community must act to achieve these goals.

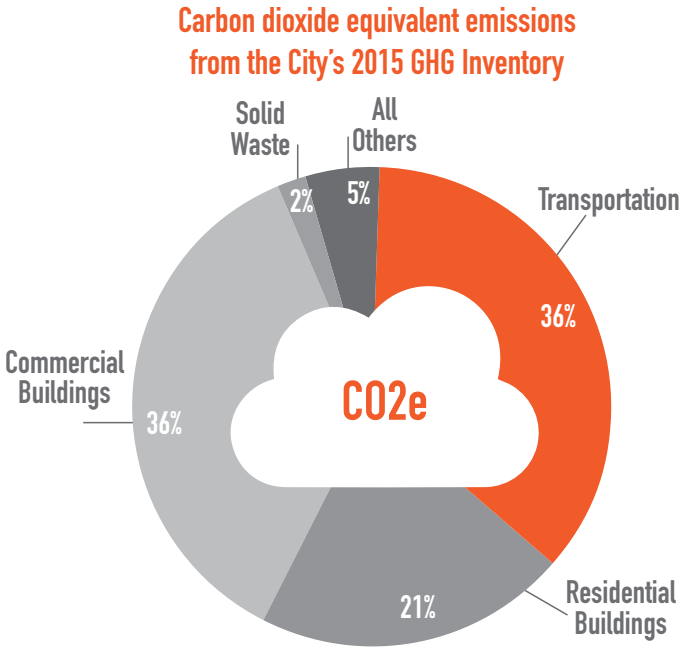


The GHG inventory is done every three years with a base year of 2005. The inventory uses the ICLEI (International Council for Local Environmental Initiatives, which is now Local Governments for Sustainability) methodology prepared by Metropolitan Washington Council of Governments (MWCOG). Some emission values are based on an allocation by population and not directly measured values. The 2015 GHG inventory is in the appendix.

The EAP includes many specific targets that will contribute to overall goals. The City has seen a 22 percent reduction in GHG emissions per capita from 2005 to 2015. Emissions decreased from 14 metric tons of carbon dioxide equivalent (mtCO2e) per capita to 11 mtCO2e per capita while moving towards the target of 10 mtCO2e per capita n 2022, 6 mtCO2e per capita in 2030, and 1-3 mtCO2e per capita in 2050.

According to the most recent GHG emissions inventory (2015 mtCO2e), Alexandria's city-wide profile (includes City buildings and operations) is 57 percent from buildings (36 commercial, 21 residential). Transportation accounts for 36 percent and includes pass through traffic and contributions from rail and air travel. Solid waste accounts for 2 percent with the remaining 5 percent from "all others."

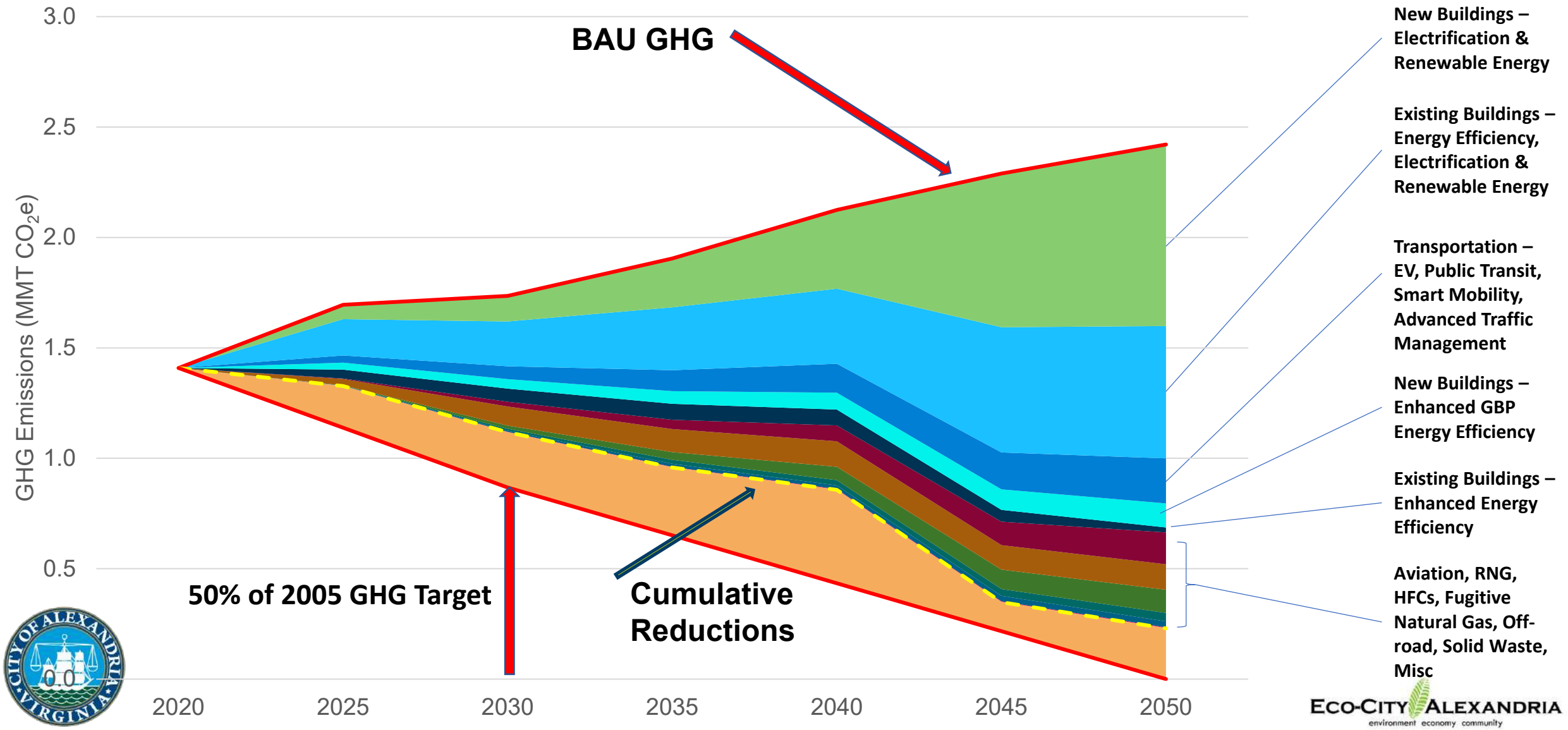
Improvements to reduce emissions cannot always include measures to track actual emission reductions because the values are part of larger aggregate data.



The contribution of City emissions from various sectors of the community show that the majority emissions are from the built environment, followed by transportation.

Attachment 2

Community-wide GHG Emission Reductions



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