

# *Climate Action Program*

## Climate Action Program Objectives and FY27 Projects

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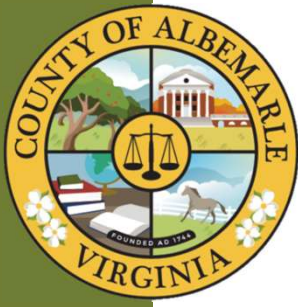
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[albemarle.org/climate](http://albemarle.org/climate) | [albemarle.org/stewardship](http://albemarle.org/stewardship)

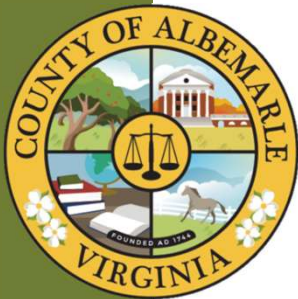
May 6, 2026



# Discussion Goal

Update Board on:

- Climate Action Program Updates
- FY26 projects
- Proposed use of FY27 funding



## Items



Climate Action Program Updates



Program Objectives



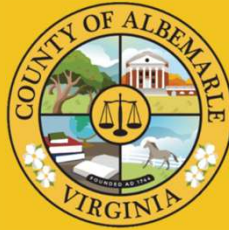
GHG Emissions Inventory Status



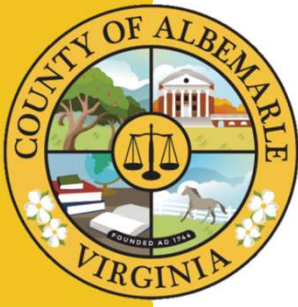
FY26 Projects Update



FY27 Proposed Projects



# Climate Action Program Updates

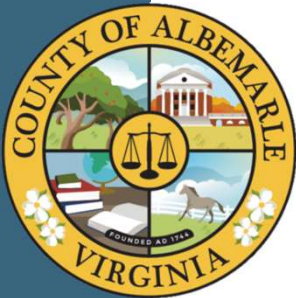


# Sustainability and Climate Action Program Updates

- Whole Organization – Whole Budget  
Commitment to Sustainability
- Climate Action Program Additional  
Staffing & Resources

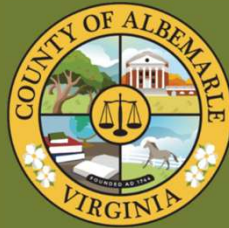


# Program Objectives

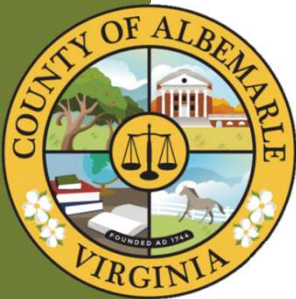


# Objectives

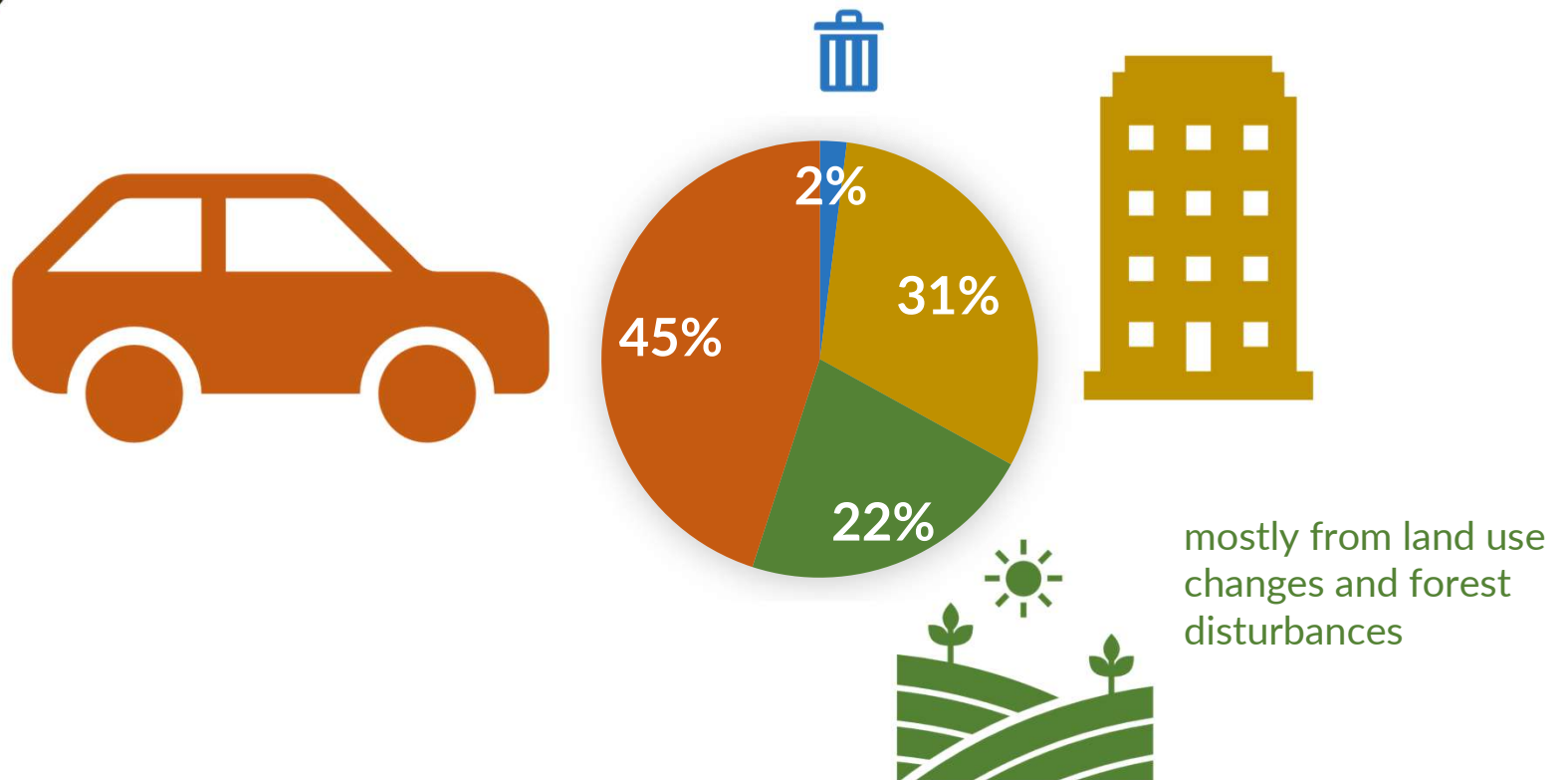
- Result-Oriented
- Lead by Example
- Capture Savings
- Build Momentum Through Strategic Pilots
- Improve Reporting
- Improve Performance and Capacity

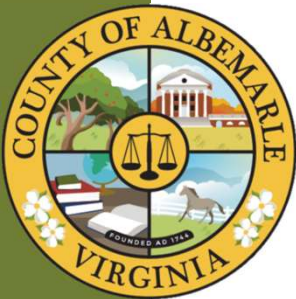


# GHG Emissions

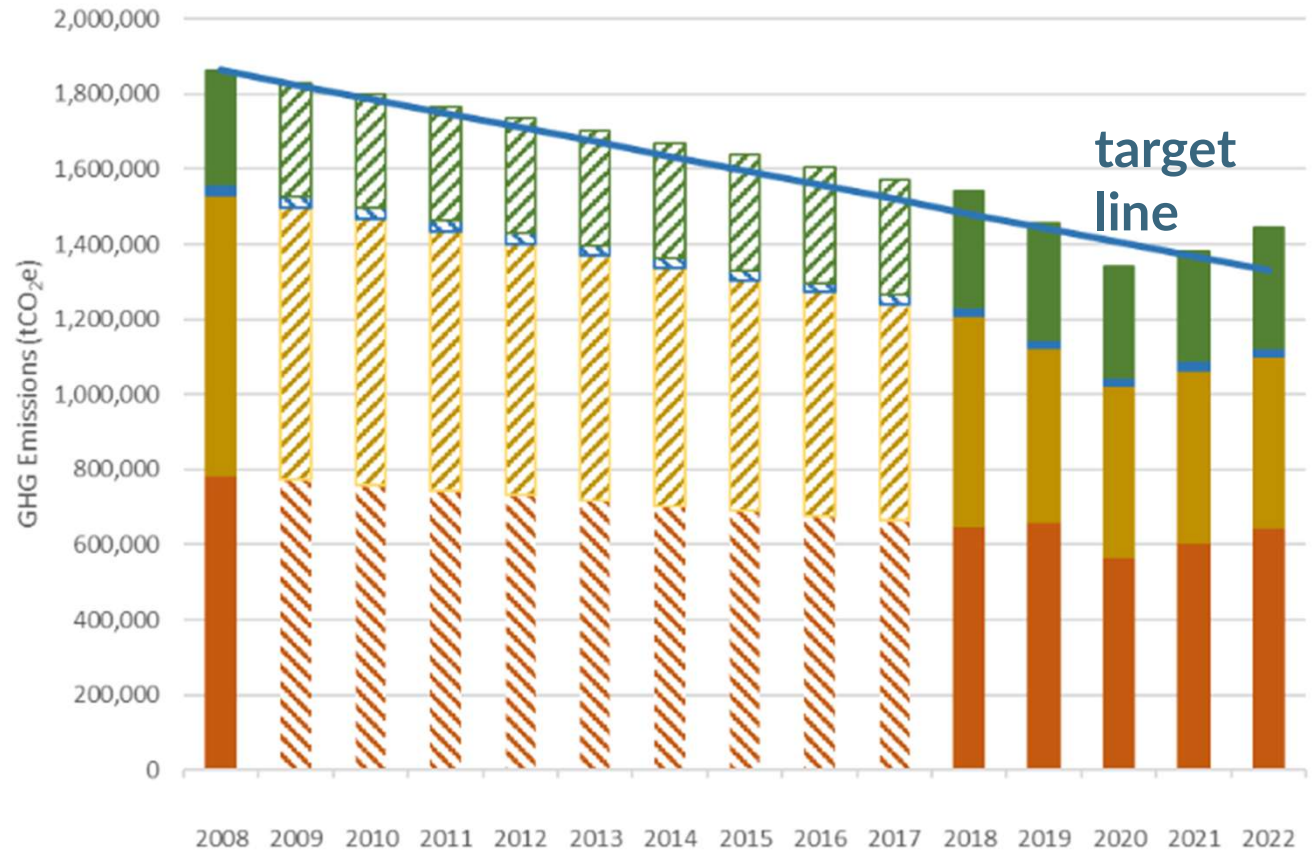


# 2022 Emissions Proportions



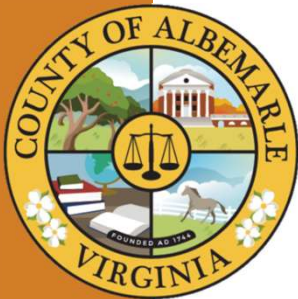


## GHG Emissions and Sequestration by Sector 2008-2022 (tCO<sub>2</sub>e)



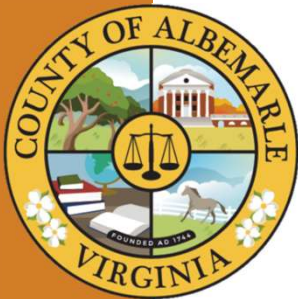


# FY26 Projects



# FY26 Funded Projects

Project	FY26 BOS Special Appropriation Funding	Other FY26 Albemarle County Funding	Total
1. Residential Energy Improvements (LEAP/AHIP)	\$237,000	\$150,000 (AC Housing)	\$387,000
2. County Building Energy Efficiency Improvements	\$100,000	NA	\$100,000
3. Energy Resource Hub	\$63,000	NA	\$63,000
4. Climate Action Collaboration Initiatives	\$50,000	NA	\$50,000
5. Resilient Together Climate Resilience Cohort	\$50,000	NA	\$50,000
6. Energy Smart Program (LEAP)	NA	\$86,000 (FES Operating)	\$86,000
7. Outreach and Education	NA	\$14,000 (FES Operating)	\$14,000
<b>Total</b>	<b>\$500,000</b>	<b>\$250,000</b>	<b>\$750,000</b>



# Residential Energy Improvements

## LEAP / AHIP

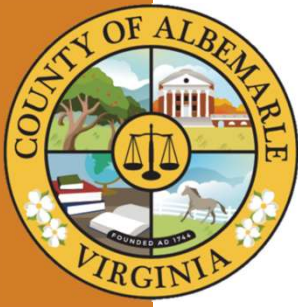


- energy improvements to low-income homes
- done in conjunction with other home improvements
- complements other funding sources

**\$237,000**  
+ \$150,000 (Housing)

**26 homes**  
(thru April 6)

**75 MT CO<sub>2</sub>e**



# County Building Energy Efficiency Improvements

## FES - Facilities

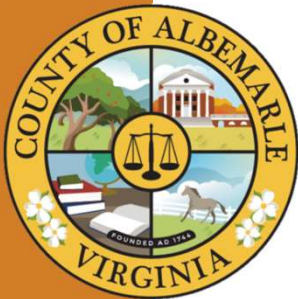


- energy efficiency investments
- upgraded lighting fixtures at four fire stations and Yancey outbuilding

**\$100,000**

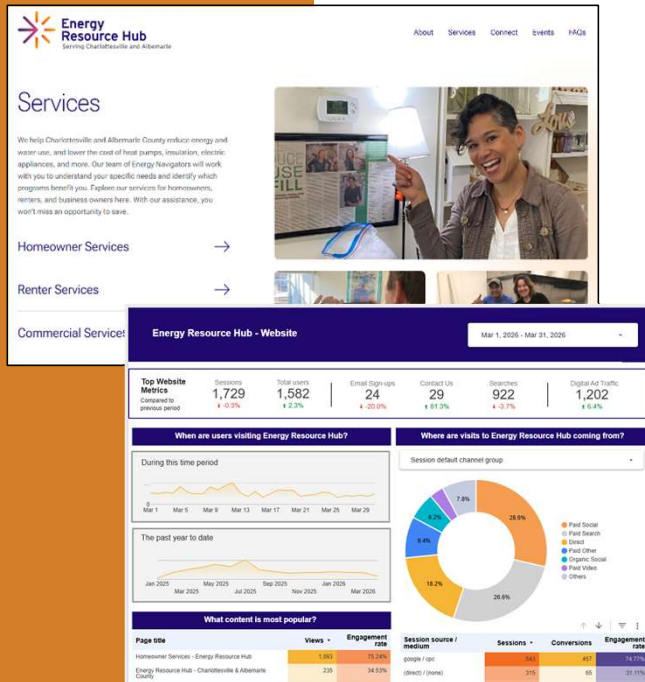
**7-year ROI**

**113 MT CO<sub>2</sub>e**



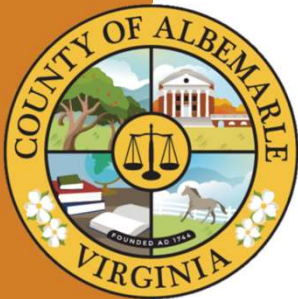
# Energy Resource Hub

## LEAP



- supports online resource, navigator (staff), and marketing
- connect local residents and businesses with funding and other resources
- co-supported with City of Charlottesville

<b>\$63,000</b>
<b>31 homes 15 businesses (thru April)</b>
<b>33 MT CO<sub>2</sub>e</b>



# Climate Action Collaboration Initiatives

## Local Gov & Comm.



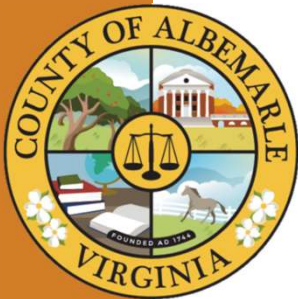
Supporting climate-position actions within local gov. and throughout the community

- native vegetation
- tree canopy
- equipment electrification
- community biking

**\$50,000**

**1 ac. native veg  
50 trees  
1 e-UTV  
mobile clinics**

**6 MT CO<sub>2</sub>e**



# Resilient Together – Climate Resilience Cohort

## Local Gov & Comm.

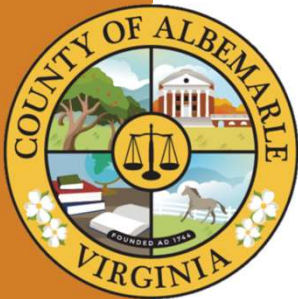


- local organizations serving as liaisons to their constituents
- collecting thoughts on climate threats and possible solutions

**\$50,000**

**3 events  
~60 attendees**

**>160 resilience  
recommendations**



# Energy Smart Program

## LEAP

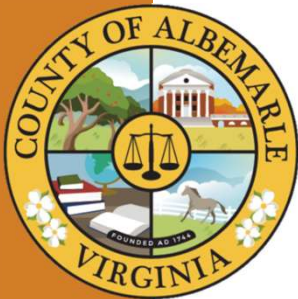
- home energy audits
- energy efficiency retrofits
- community outreach and education



**\$86,000**  
(operating)

**39 audits**  
**11 retrofits**  
(thru February)

**96 MT CO<sub>2</sub>e**



# Outreach & Education

## Local Gov & Schools

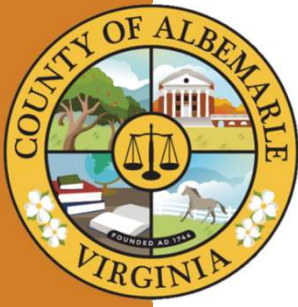
- ACPS Climate Action Kits for 4<sup>th</sup> Graders
- Climate Summit for AP Environmental Science students
- Support for Annual Community Climate Events



**\$14,000**

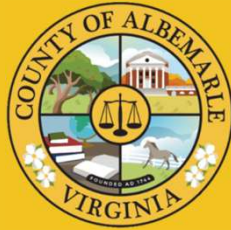
**>1,100 students  
+ adults**

**36 MT CO<sub>2</sub>e**

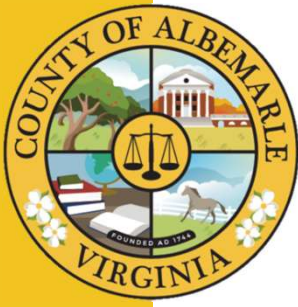


## Other Initiatives (no funding required)

- County Code Review
- County Internal Climate Action Support
- County Sustainable Operations
- County COB-5 Solar Installation
- County Charging Smart / SolSmart Certifications
- Climate Resilience Planning through Resilient Together



# FY27 Projects



# FY27 Projects

(\$300,000 special + \$150,000 FES operating)

- **Transportation** \_\_\_\_\_ **\$125,000**
  - EV charging infrastructure
  - Commuting incentives
  - Infrastructure to connect neighborhoods
- **Building Energy Use** \_\_\_\_\_ **\$175,000**
  - Residential and commercial micro-grants
  - County building energy efficiency
  - LEAP Energy Resource Hub
- **Other** \_\_\_\_\_ **\$150,000**
  - Organic Waste Feasibility Study
  - LEAP - Energy Smart Program
  - Education and Outreach

