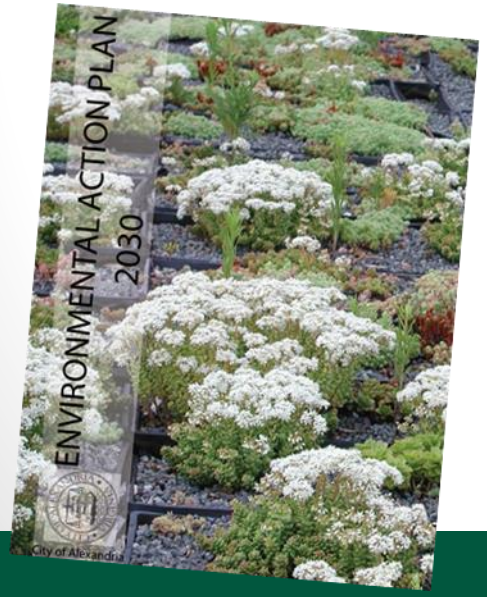
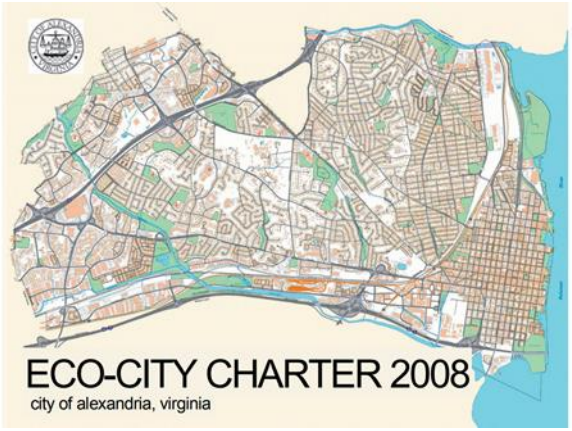
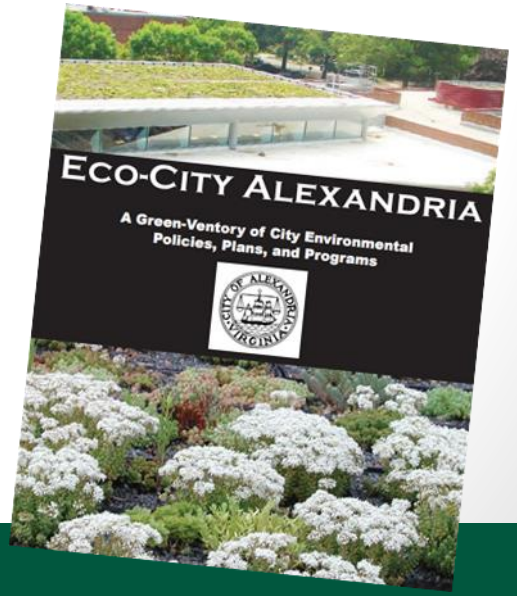
Environmental Action Plan 2030 Phase One Update

Ellen Eggerton, P.E.
Sustainability Coordinator







Environmental Action Plan 2030



- Transportation
- Green Building
- Air Quality
- Water Resources
- Environmental Health
- Energy
- Land Use & Open Space
- Solid Waste
- Global Climate Change
- Implementation

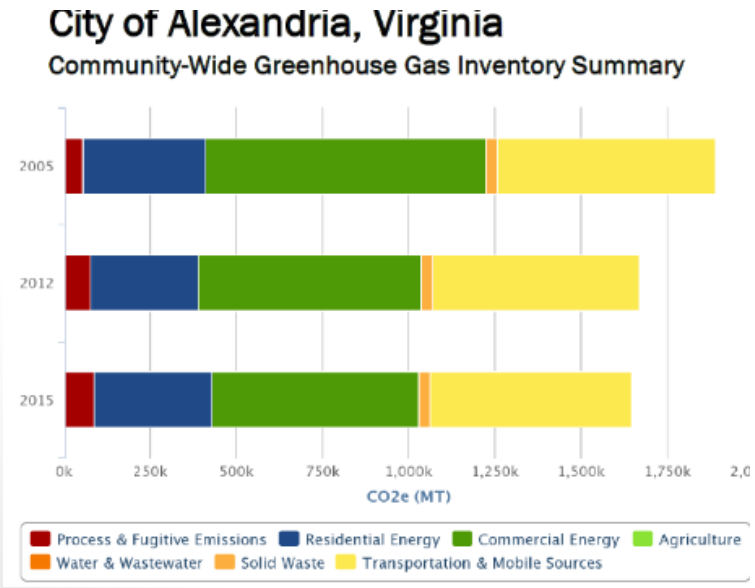
EAP Update Process

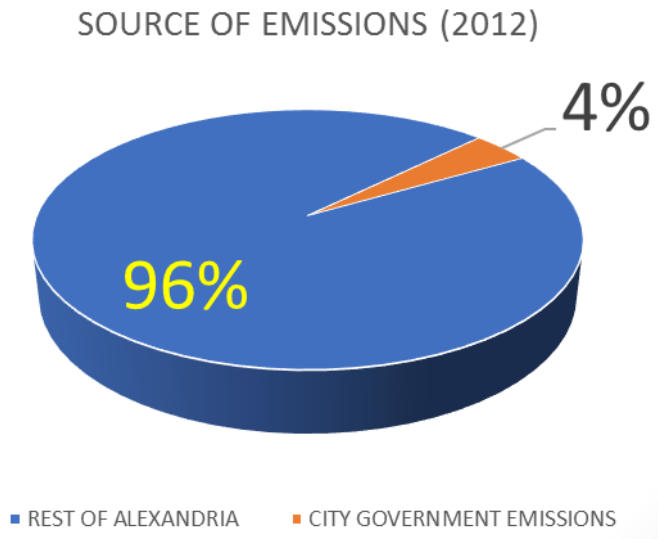
Two phases of EAP update process:

- Phase One:
  - Five focus areas: Energy, Climate Change, Green Building, Land Use & Open Space, and Solid Waste
    - Short-term actions (FY2018 through FY2023)
- Phase Two:
  - Five focus areas: Water Resources, Transportation, Air Quality, Environmental Health, and Implementation, Education, and Outreach
    - Short-term actions (FY2018 through FY2023)
  - All 10 focus areas:
    - Mid-term actions (FY2024 through FY2028)
    - Long-term actions (FY2029 and on)

Accomplishment Highlights

- Completed >70% of 363 actions in 2009 EAP
- Reduced GHG by 13% in 2015 vs 2005 levels
- Reduced vehicles miles traveled/person by 12.5% (2010-2016)
- Achieved >95% of 10M sq. ft. of dev. Green Building Policy (2009) compliant
- Reduced storm water pollution - 1,500 acres treated
- Improved recycling rate to ~50% & started Recycle Right campaign
- Increased energy efficiency of buildings & lights by 14% since 2006





Outreach and Education

Strong community desire for increased outreach and education

City response:

- Update key indicators
- Add dashboards to Eco-City website
- Enhance online resources and social media presence
- Provide hands-on workshops
- Add virtual tour of sustainable features
- Increase eNews coverage
- Collaboration with schools





Phase One

Renewable Energy and Greater Efficiency

- City electrical use: 100% renewable by FY2020
- 20% less energy use: City facilities & street lights
- CPACE - Commercial Property Assessed Clean Energy
- Electric vehicles & EV charging station strategy

Reduce and Recycle Solid Waste

- Reuse directory and Share-a-Bag
- Balance composting and GHG
- Glass recycling: analyze market
- Route Optimization Study

Phase One

- Tree Canopy and Open Space
  - Tree canopy: Preserve & expand a healthy tree canopy
  - Open Space: Acquire, preserve, and conserve
- Green Building Policy
  - Update policy to enhance sustainable practices in new & existing buildings
- Climate Change
  - Update Energy and Climate Action Plan
  - Guidelines to estimate GHG for CIP projects

EAP Phase One Update Timeline



Revisions for Consideration

- EPC five recommendations
  - Energy Section (2) – EAP revised
  - Climate Change – EAP timing revised
  - Green Building
  - Open Space
- Planning Commission recommendations
  - Green Building and Open Space
- Staff recommendations