

City of Alexandria, Virginia

# Progress Report on Eco-City and Environmental Action Plan 2030

City Council Legislative Session  
April 12, 2016



**ECO-CITY**  **ALEXANDRIA**

# Agenda

- Annual check-in with City Council
- Background
- Key Environmental Indicators
- 2015 Top Environmental Achievements
- Confirm environmental priorities with City Council moving forward

# Eco-City Alexandria – Partnership Between the City, Alexandria Environmental Policy Commission, Virginia Tech and the Community



2007: Eco-City project started  
2008: Eco-City Charter  
2009: Environmental Action Plan 2030



# Key Environmental Indicators

- Solid waste recycling remains high at **48.8%**
- Air quality significantly improved with **0** red code days and **5** orange code days in 2015
- City's current percent tree canopy has been determined to be **34%**
- Amount of open space protected now stands at **104.3** acres compared to target of 100 acres

# 2015 Top Environmental Achievements

Solid waste recycling rate for 2014 held steady at **48%**



City launched successful  
SolarizeAlexandria program

- Over **250** Alexandria residents participated
- 10 residents have signed contracts





# 2015 Top Environmental Achievements

- Fire Station 210 achieved **LEED Silver** certification
- **19%** of City government's electricity use offset by renewable sources



# 2015 Top Environmental Achievements

- **34%** of the City's surface area is covered by tree canopy
- City planted **454** new trees
- City expanded its successful **Invasive Plant Control Program**



- **AlexRenew** dedicated innovative athletic field to Alexandria

# 2015 Top Environmental Achievements



- City replaced over **2,500** traffic lights with energy-efficient LED
  - Annual traffic signal energy cost reduced by ~\$60,000

ATC purchased **21** hybrid-electric buses in 2015

- 46 in total (54% of bus fleet)





# Priorities

- Develop plan to implement **stormwater utility** and meet water quality targets
- Develop and implement plan for addressing **combined sewer** overflows
- Continue to move forward with **flood mitigation** plan for waterfront

# Priorities

- Continue to participate in **COG regional sustainability** programs and initiatives
- Continue to proceed with **Potomac Yard Metrorail Station** project
- Working to pilot **Eco-District** concept as part of the Old Town North Small Area Plan
- Working with the EPC to revise key environmental indicators

# Questions?

## Thank you!