

City of Alexandria, Virginia

Environmental Action Plan 2030

Update to

Park and Recreation Commission

April 19, 2018

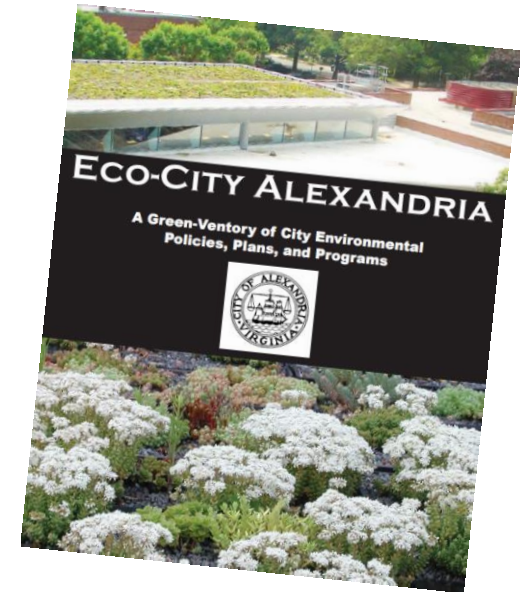
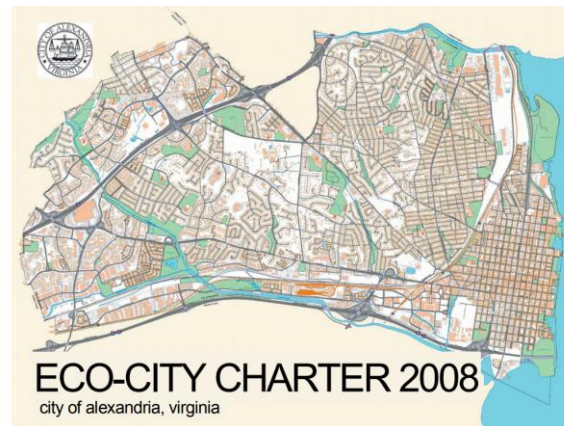
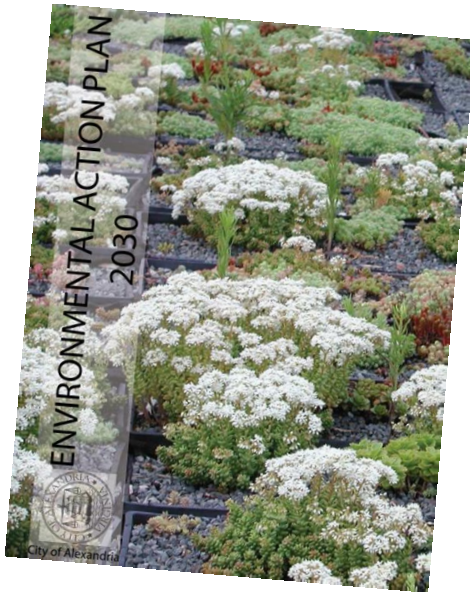
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Environmental Action Plan 2030



- 2009: Environmental Action Plan 2030 (EAP)
 - Implements vision of 2008 Eco-City Charter
- 2008: GreenVentory - existing programs, plans, and policies



EAP Update Process



- EAP update in two phases
 - Phase 1 - short-term actions to FY 2023
 - Five focus areas from Environmental Policy Commission (EPC): Energy, Climate Change, Solid Waste, Green Building, and Land Use & Open Space
 - Ongoing major short-term initiatives in Transportation and Water
 - Phase 2 - mid- and long-term actions in remaining areas: Air Quality, Environmental Health, and Implementation

EAP Update Process



- Public Launch: Highlighted 2009 - 2017 achievements
- Collaborative Meetings: EPC and staff
 - Consensus and acknowledge areas of divergence
- Eco-City Café: Public discussions
- EPC and Planning Commission joint meeting
- Outreach
 - Earth Day
 - Presentations



EPC Recommendations Overview



- Reduce total GHG by:
 - 20% by 2020 and
 - 80% by 2050
- Incorporate sustainability principles into land use decisions:
 - Green Building Policy
 - Tree coverage
 - Open space
- Energy efficiency and renewable energy programs
- Recycle right

EPC Recommendations

Land Use and Open Space



- Increase open space quantity and quality
 - Min of 7.3 acres per 1000 residents and evaluate increasing to 7.5
 - Enforce open space commitments in small area plans
 - Actively manage more acreage of natural lands
 - Reinstate Open Space Fund
- By 2020 avg. tree canopy of 40%
- More authority for tree protection
- Plant one tree per person

EPC Recommendations

Energy



- Adopt Commercial Property Assessed Clean Energy program, CPACE
- Develop electric vehicle charging strategy
- Increase purchase of renewable energy credits to cover 100% city electrical use.
- Pursue joint procurement of renewable energy via Power Purchase Agreement

EPC Recommendations Outreach & Education



- Publish annual EAP scorecard to highlight EAP targets
- Recycle right to reduce contamination and handle glass
- Increase community participation in reducing green house gases, GHGs and energy conservation
- Establish a Climate Commission to advice City Council how to reduce GHG 80% below 2005 by 2050

EAP Update Process Timeline

Phase 1



- December 2017 - EAP Public Launch
- March 2018 - Eco-City Café
- March 2018 - EPC/Planning Commission Joint Meeting
- April 28, 2018 - Earth Day, EAP Tent Talk
- ~May 2018 - Council work session with EPC
- Council guidance to staff and staff response
- TBD - EAP Phase 1 to Council public hearing for consideration

EAP Update Process Timeline

Phase 2



FY 2019 – for complete EAP update adoption

- First quarter FY 2019: Launch of Phase 2 EAP update
- **FY2019: Green Building Policy update**
- Third quarter FY 2019: Eco-City Public Summit of Phase 2 EAP update
- Spring 2019: Earth Day sharing of Phase 2 draft EAP update
- Fourth quarter FY 2019: Council public hearing and adoption of EAP update



Help the City plan for the future of Alexandria's environment.

Questions-

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