

DRAFT 2016-2017 Biennial Workplan for the Tree Canopy Outcome Management Strategy

Tree Canopy Outcome Workplan							Effective date: 2016-2017
<p>Goal: <i>Habitat Goal</i></p> <p>Outcome: <i>Tree Canopy Outcome:</i> Continually increase urban tree canopy capacity to provide air quality, water quality and habitat benefits throughout the watershed. Expand urban tree canopy <u>by 2,400 acres by 2025.</u></p> <p>Long term Target: 2400 new acres of Tree Canopy by 2025</p> <p>2 year Target: 410 acres</p> <p>Partner contributions to 2 year target: DE: 10, DC: 80, MD: 90, NY: 10, PA: 120 VA: 80, WV: 20</p> <p><i>Note: For the public review period, states will be providing state-level summaries that reflect more detailed programmatic activities in support of the outcome.</i></p>							
Management Approach 1: Bolster Funding & Partnerships							
Key Action <i>Description of work/project. Define each major action step on its own row. Identify specific program that will be used to achieve action.</i>	Performance Target(s) <i>Identify incremental steps to achieve Key Action</i>	Partners Responsible <i>Identify responsible partner for each step.</i>	Geographic Location	Timeline <i>Identify completion date (month and year) for each step.</i>	Estimated Project Cost <i>Best estimate total cost of project (need)</i>	Available funding by Partner	Factors Influencing and/or Gap <i>ID related factor or gap in Mgmt. Strat</i>
1. Implement state programs and grants to incentivize tree canopy progress DE: 5 acres/yr DC: 40 acres/yr MD: 45 acres/yr NY: 5 acres/yr PA: 60 acres/yr VA: 40 acres/yr WV: 10 acres/yr	Implement state grant programs to assist communities with tree canopy expansion	DE Forest Service DNREC-CBIG	Delaware	Ongoing, track progress annually	\$75K	\$ 40K (\$16K DFS, \$24K DNREC, contingent on fed funding)	Funding/ Partnerships
	1. Increase tree canopy through street tree and other public property plantings 2. Increase tree canopy on private properties through incentive programs, such as Riversmart Homes	1. DDOT Urban Forestry Administration 2. DOEE	DC		1. \$1.4 million 2. \$750K	1. \$1.4 million 2. \$750K	

	<p>1. Continue implementing existing statewide urban and community forestry programs (Forest Conservation Act, Reforestation Law, and Roadside Tree Law) to maintain the net urban tree canopy statewide.</p> <p>2. Continue implementing existing homeowner tree planting assistance programs such as the Marylanders Plant Trees coupon program and Lawn to Woodland program</p>	<p>1. Maryland Forest Service, State Highway Administration, local governments</p> <p>2. Maryland Forest Service, with local nursery partners</p>	Maryland		<p>1. staff time</p> <p>2. \$800K</p>	<p>1. staff time</p> <p>2. ?</p>	
	Insert NY program info	NYSDEC	New York				
	<p>1. Increase tree canopy through TreeVitalize tree planting grants</p> <p>2. Engage colleges and universities around the state in completing i-Tree Streets inventories, with communities developing management plan as match (TreeVitalize grants). Provide inventory and i-Tree training; assist communities with UTC assessments when high resolution data is available and use with inventory data to create management plans.</p>	PA DCNR Bureau of Forestry, PSU Extension	Pennsylvania		\$500K	\$250K	
	1. Increase tree canopy on public and private properties through grants and incentive programs, such as Virginia Trees for Clean	1.VA DOF and community partners and nonprofit	Virginia		1,2. 400K, More Staff time	1. \$120K contingent on fed funding)	

	Water and Richmond Urban Tree Canopy Initiative. 2. Greater development of the Virginia Tree Stewards which promote good tree care and increase tree planning in their areas of influence.	organizations 2. VA Urban Forest Council and Tree Steward Coordinator			2. \$30K	2. \$5K	
	Increase tree canopy through Project Communitree grants and partnerships	WVDEP, Cacapon Institute, WVDOF	West Virginia		\$278K	\$185K	
2. Assess and summarize federal, state, local and private funding opportunities available to support local UTC implementation, including riparian forest buffers in developed areas	1. Develop project proposal and seek funding to complete the assessment through grant sources and/or partnership opportunities 2. Provide list/links to available funding sources in each state on Chesapeake Tree Canopy Network website (see 4.2a below)	USFS/Forestry Workgroup	CB-Wide	1. Summer 2016 2. Summer 2016			Funding/ Partnerships
3. Provide guidance/case studies/best practices for local governments and partner organizations on how to strengthen funding and partnerships for UTC	1. Collect case study/best practices in conjunction with #2 and make summaries available on website	USFS/Forestry Workgroup	CB-Wide	Fall 2017			Funding/ Partnerships

4. Explore options for expanding UTC funding for diverse Chesapeake communities through leveraging federal, state, and private resources (e.g. work with Bay Funders Network)	1. Initial meeting with Bay Funders Network to discuss challenges and opportunities for UTC funding 2. Form a federal Tree Canopy team to identify and strengthen federal contributions to the tree canopy outcome	1. USFS 2. USFS EPA NPS DOD FWS USGS	CB-Wide	1. Spring 2016 2. Spring 2016			Funding/ Partnerships
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Management Approach 2: Strengthen Policy and Ordinances

Key Action <i>Description of work/project. Define each major action step on its own row. Identify specific program that will be used to achieve action.</i>	Performance Target(s) <i>Identify incremental steps to achieve Key Action</i>	Partners Responsible <i>Identify responsible partner for each step.</i>	Geographic Location	Timeline <i>Identify completion date (month and year) for each step.</i>	Estimated Project Cost <i>Best estimate total cost of project (need)</i>	Available funding by Partner	Factors Influencing and/or Gap <i>ID related factor or gap in Mgmt. Strat</i>
1. Review state and local policies in place to support urban tree canopy and provide recommendations on best practices, model ordinances, etc. for Bay jurisdictions (e.g. Annapolis tree canopy legislation and volunteer program cited as a model)	1. Develop project proposal and seek funding to complete the assessment through grant sources and/or partnership opportunities 2. Post resources and case studies on policy/ordinances on Chesapeake Tree Canopy Network Website	USFS/Forestry Workgroup	CB-Wide	1. Summer 2016 2. Fall 2017			Policy/ Ordinances
2. Support efforts to credit/incentivize tree canopy protection in addition to planting in the TMDL framework	1. Work with Urban Tree Canopy Expert Panel, Stormwater Workgroup, and other CBPO stakeholders to get tree canopy land use, loading rate and BMP recommendations incorporated into Phase 6 model	USFS/FWG CBP Staff	CB-Wide	1. Summer 2016			Policy/ Ordinances

	2. Work with Chesapeake Stormwater Network to provide guidance/training to stormwater professionals on integrating tree canopy into standards/specifications, etc.			2. Fall 2017			
3. Work with stormwater program managers (federal/state/local) to better integrate urban tree canopy and riparian buffer goals with TMDL/WIP implementation and MS4 programs	1. Work with TMDL/WIP coordinators in each state to get tree canopy targets into 2 Yr Milestones 2. Hold a meeting in each state with urban forestry and stormwater managers to identify opportunities for better integration	FWG/ Jurisdictions USFS EPA	CB-Wide	Fall 2015 Spring 2017			Policy/ Ordinances

Management Approach 3: Increase Technical Capacity and Knowledge							
Key Action <i>Description of work/project. Define each major action step on its own row. Identify specific program that will be used to achieve action.</i>	Performance Target(s) <i>Identify incremental steps to achieve Key Action</i>	Partners Responsible <i>Identify responsible partner for each step.</i>	Geographic Location	Timeline <i>Identify completion date (month and year) for each step.</i>	Estimated Project Cost <i>Best estimate total cost of project (need)</i>	Available funding by Partner	Factors Influencing and/or Gap <i>ID related factor or gap in Mgmt. Strat</i>
1. Provide guidance, training, and technical assistance to help local governments and partners develop robust urban tree canopy implementation programs (see also state action plans)	1. Develop a survey/assessment to get input from local govts and urban forestry partners on training/TA needs, in coordination with Local Leadership Workgroup efforts	USFS/FWG	CB-Wide	Fall 2016			Knowledge/ Capacity
2. Support the development of Baywide high resolution UTC data updated regularly (e.g. every 5 years) to track	1. Bay-wide data to be completed by CBP partnership by Summer 2016 – give input during this process	1.USGS Land Use Workgroup FWG	CB-Wide	1. Summer 2016 2. Summer 2017			Knowledge/ Capacity

progress/net gain	2. Develop mechanism for making new Tree Canopy data accessible to state and local users	2. USGS FWG					
3. Work with states to develop user-friendly tracking and verification systems for groups to report urban tree planting to the Chesapeake Bay model for BMP credit, in alignment with Chesapeake Bay Program Forestry BMP Verification Guidance	1. Develop tree planting tracking process in each state in alignment with Forestry BMP Verification Guidance; engage and train initial group of local partners in providing data	FWG/ Jurisdictions	CB-Wide	Fall 2016			Knowledge/ Capacity
4. Provide guidance and standards/best practices for tree planting and maintenance to improve long-term survival	1. Compile national model standards/best practices including Tree Owner's Manual, ISA, Urban Tree Growth and Longevity Working Group; post to Chesapeake Tree Canopy Network website 2. Compile info from state and local partners on what standards they are currently using; assess and make recommendations on actions to enhance	USFS/FWG	CB-Wide	Spring 2017 Summer 2017			Knowledge/ Capacity

Management Approach 4: Expand Community Outreach and Education

Key Action <i>Description of work/project. Define each major action step on its own row. Identify specific program that will be used to achieve action.</i>	Performance Target(s) <i>Identify incremental steps to achieve Key Action</i>	Partners Responsible <i>Identify responsible partner for each step.</i>	Geographic Location	Timeline <i>Identify completion date (month and year) for each step.</i>	Estimated Project Cost <i>Best estimate total cost of project (need)</i>	Available funding by Partner	Factors Influencing and/or Gap <i>ID related factor or gap in Mgmt. Strat</i>
1. Work with the Diversity Action Team and solicit guidance from LGAC and others to facilitate greater local participation, including representation of underserved and underrepresented communities	1. Work with DAT, Local Leadership Workgroup, Citizen Stewardship Team, LGAC, CAC and other partners to integrate Tree Canopy opportunities into their other Strategy workplan efforts; develop list of joint actions	FWG DAT Local Leadership Workgroup Citizen Stewardship Workgroup LGAC CAC	CB-Wide	Ongoing			Outreach/ Education
2. Use online tools/webinars/listserves to support ongoing training and information sharing in the urban forestry community of practice (e.g. a “Chesapeake Tree Canopy” group within the existing Chesapeake Network tools)	1. Develop Chesapeake Tree Canopy Network website and listserve to serve as resource hub and community of practice 2. Use input from survey (3.1.1 above) to develop schedule of webinar/training/tools to be developed	1. Alliance for the Chesapeake Bay USFS 2. USFS/FWG	CB-Wide	Spring 2016 Fall 2017			Outreach/ Education
3. Develop and pilot social marketing and other innovative outreach methods to broaden community	1. Make social marketing/ outreach resources available on Chesapeake Tree Canopy Network website	1. USFS/FWG	CB-Wide	Spring 2017			Outreach/ Education

engagement in urban tree canopy implementation	2. See 4.4.1						
4. Develop communication and outreach strategies targeted to diverse audiences, focusing on areas with greatest need and opportunity (e.g. low canopy/underserved communities; schools, faith-based, and other civic organizations; homeowner associations; etc.)	1. Pursue a workshop and case studies on community outreach strategies for Tree Canopy; emphasis on diversity/ environmental justice opportunities [GIT Funding proposal, other avenues] 2. Coordinate with CBPO Green Schools/Environmental Literacy partners to develop a School Tree Canopy Initiative	1. USFS/FWG DAT 2. USFS/FWG Education Workgroup	CB-Wide	Fall 2017 Summer 2017			Outreach/ Education
5. Continue and increase coordination between local agencies, non-profits, and utilities intended to protect property from and assist homeowners with maintaining over hanging tree limbs threatening property and human health.	1. Hold workshop with representatives from utilities, states, local govt, and nonprofits on tree canopy-utility issues and opportunities	USFS/FWG	CB-Wide	Fall 2017			Outreach/ Education