

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

Tree Canopy Outcome Workplan							Effective date: 2016-2017
<p><b>Goal:</b> <i>Habitat Goal</i></p> <p><b>Outcome:</b> <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><b>Long term Target:</b> 2400 new acres of Tree Canopy by 2025</p> <p><b>2 year Target:</b> 410 acres</p> <p><b>Partner contributions to 2 year target:</b> DE: 10, DC: 80, MD: 90, NY: 10, PA: 120 VA: 80, WV: 20</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	\$ 76K (\$32K DFS, \$22K CBIG, contingent on fed funding)	Funding
	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, Casey Trees	DC		1. \$1.4 million 2. \$750K	1. \$1.4 million 2. \$750K	
	1. Continue implementing existing statewide urban and	1. Maryland Forest Service,	Maryland		1. staff time 2. \$800K	1. staff time 2. ??	

	community forestry programs (Forest Conservation Act, Reforestation Law, and Roadside Tree Law) to maintain the net urban tree canopy statewide. 2. Continue implementing existing homeowner tree planting assistance programs such as the Marylanders Plant Trees coupon program and Lawn to Woodland program	State Highway Administration, local governments  2. Maryland Forest Service, with local nursery partners					
	NY – coming soon		New York				
	1. Increase tree canopy through TreeVitalize tree planting grants 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.	PA DCNR Bureau of Forestry, PSU Extension	Pennsylvania		\$500K	\$250K	
	VA – coming soon		Virginia				
	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	USFS/Forestry Workgroup  Env Finance Center? Universities? Other Partners		Spring 2016			Funding
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		Fall 2016			Funding
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	USFS/Forestry Workgroup		Spring 2016			Funding

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	USFS/Forestry Workgroup					Policy
2. 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 meetings in each state with urban forestry and stormwater managers to define actions for better integration	Forestry Workgroup/ Jurisdictions EPA		Fall 2015          Summer 2016			Policy
3. Support efforts to credit/incentivize tree canopy protection in addition to planting in the TMDL framework	1.Analyze Bay-wide Tree Canopy data in model to assess WQ impacts of losing canopy	USFS/FWG CBP Staff		Summer 2016			Policy

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	1. Develop a survey/assessment to get input from local govts and urban forestry partners on training/TA needs	Forestry Workgroup		Summer 2016			Knowledge/ Capacity
2. Support the development of Baywide high resolution UTC data updated regularly (e.g. every 5 years) to track progress/net gain	1. Bay-wide data to be completed by CBP partnership by Summer 2016 – give input during this process			( ) 2016			Knowledge/ Capacity
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 and engage/train initial group of local partners in providing data			Fall 2016			Knowledge/ Capacity
4. Provide guidance and standards/best practices for	1. Collect info from state and local partners on what standards they are currently			Winter 2016			Knowledge/

tree planting and maintenance to improve long-term survival	using; review to determine next steps needed						Capacity
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#### Management Approach 4: Expand Community Outreach and Education

<b>Key Action</b> <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>	<b>Performance Target(s)</b> <i>Identify incremental steps to achieve Key Action</i>	<b>Partners Responsible</b> <i>Identify responsible partner for each step.</i>	<b>Geographic Location</b>	<b>Timeline</b> <i>Identify completion date (month and year) for each step.</i>	<b>Estimated Project Cost</b> <i>Best estimate total cost of project (need)</i>	<b>Available funding by Partner</b>	<b>Factors Influencing and/or Gap</b> <i>ID related factor or gap in Mgmt. Strat</i>
1. 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)	a. Develop Tree Canopy “community of practice” listserve (Chesapeake Network or other)  b. Use input from survey (3.1 above) on webinar/training/tools to be developed			Spring 2016  Winter 2016			Outreach
2. Develop and pilot social marketing and other innovative outreach methods to broaden community engagement in urban tree canopy implementation	a. See 3.a below						Outreach
3. Develop communication and outreach strategies targeted to diverse audiences, focusing on areas with	a. Pursue a workshop and case studies on community outreach strategies for Tree Canopy; emphasis on diversity/environmental justice			Winter 2015			Outreach

greatest need and opportunity (e.g. low canopy/underserved communities; schools, faith-based, and other civic organizations; homeowner associations; etc.)	opportunities [GIT Funding proposal, other avenues] b. Work with CBPO Green Schools/Environmental Literacy partners to develop a School Tree Canopy Initiative						
4. Work with the Diversity Action Team as described under Cross-Outcome Collaboration below and solicit guidance from LGAC during work plan development to facilitate greater local participation, including representation of underserved and underrepresented communities	a. Work with DAT, Local Leadership Workgroup, and other partners to integrate Tree Canopy opportunities into their workplan efforts ; develop list of joint actions						Outreach
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.	a. Hold workshop with representatives from utilities, states, local govt, and nonprofits on tree canopy-utilitiy issues and opportunities			Winter 2016			Outreach

*Acronym Key*

<b>FWG</b>	Forestry Workgroup
<b>CBP/CBPO</b>	Chesapeake Bay Program/Office
<b>DAT</b>	Diversity Action Team
<b>EPA</b>	Environmental Protection Agency
<b>GIT</b>	Goal Implementation Team
<b>LGAC, CAC, STAC</b>	Local Government Advisory Committee, Citizens Advisory Committee, Science and Technical Advisory Committee
<b>NFWF</b>	National Fish and Wildlife Foundation