

# BIENNIAL STRATEGY REVIEW SYSTEM

## Chesapeake Bay Program



### Logic and Action Plan: Post Quarterly Progress Meeting

#### Sustainable Schools – 2018-2019

[NOTE: make sure to edit **pre-** or **post-** in the text above, to tell the reader whether this logic and action plan is in preparation for your quarterly progress meeting or has been updated based on discussion at the quarterly progress meeting.]

**Long-term Target:** Continually increase the number of schools in the region that reduce the impact of their buildings and grounds on their local watershed, environment and human health through best practices, including student-led protection and restoration projects

**Two-year Target:** Not established

<b>Instructions:</b> Before your quarterly progress meeting, provide the status of individual actions in the table below using this color key.
Action has been completed or is moving forward as planned.
Action has encountered minor obstacles.
Action has not been taken or has encountered a serious barrier.

Additional instructions for completing or updating your logic and action plan can be found on [ChesapeakeDecisions](#).

Factor	Current Efforts	Gap	Actions	Metrics	Expected Response and Application	Learn/Adapt
<i>What is impacting our ability to achieve our outcome?</i>	<i>What current efforts are addressing this factor?</i>	<i>What further efforts or information are needed to fully address this factor?</i>	<i>What actions are essential (to help fill this gap) to achieve our outcome?</i>	<i>What will we measure or observe to determine progress in filling identified gap?</i>	<i>How and when do we expect these actions to address the identified gap? How might that affect our work going forward?</i>	<i>What did we learn from taking this action? How will this lesson impact our work?</i>
<b>State Agency and Partner Coordination</b>	EPA meets with states during the year to encourage regular coordination meetings of state agencies involved in sustainable school activities.	Recruit all appropriate state agencies to participate in convenings.  High-level support for statewide	<b>1.1</b> <a href="#">Convene state-level sustainable schools meetings to facilitate dialog and increase intentional connections among programs to create an easy-to-</a>	No		

		sustainable school certification programs.	<a href="#">understand pathway for schools to engage in increasingly sophisticated sustainability efforts.</a> <a href="#">2.1 Increase the number of facilities, health, and other related professionals engaged in state level sustainable schools convenings to better inform sustainable schools efforts and increase sustainability considerations across disciplines.</a> <a href="#">2.2 Better connect with other Chesapeake Bay Program Goal Implementation Teams and state working groups/networks to support implementation of best management practices at schools.</a>			
<b>Local Education Agency Support</b>	MAEOE has held focus groups from the 3 Green Ribbon Pillars to explore how best to engage district/ division level administrators in Sustainable Schools.	Facilities plans at the district level include sustainable schools. The action items from the MAEOE assessment should be shared with all other states and DC.	<a href="#">3.1 Support development of school and school division sustainability plans that clearly outline program components and best practices and disseminate them to</a>	Yes		

			<a href="#">encourage replication.</a>			
			<a href="#">3.2 Collect and disseminate studies and information about sustainable schools awards programs, opportunities, and benefits, including cost savings, student health, student achievement.</a>			
<b>Aligning with Education Reform</b>	CBP sending formal letter from Management Board to US Dept of Education supporting Green Ribbon Schools Program.	Encourage and promote more participation in Green Ribbon.	<a href="#">1.3 Collect successful program models and lessons learned and share among partner organizations to improve programs and increase collaboration.</a>			
			<a href="#">3.1 Support development of school and school division sustainability plans that clearly outline program components and best practices and disseminate them to encourage replication.</a>			
<b>School community (teachers, principals, staff) awareness and readiness</b>	Promote Bay Backpack “School Projects” resources and support state-level training.	Outreach to school administrators on sustainable school benefits to students and budgets Training for building and maintenance staff about benefits and upkeep of BMPs	<a href="#">3.1 Support development of school and school division sustainability plans that clearly outline program components and best practices and disseminate them to</a>	No		

		Teacher training in school sustainability	<a href="#">encourage replication.</a> <b>3.2</b> <a href="#">Collect and disseminate studies and information about sustainable schools awards programs, opportunities, and benefits, including cost savings, student health, student achievement.</a> <b>3.3</b> <a href="#">Encourage and support the installation of BMP projects on school grounds.</a>			
<b>Funding and staff resources</b>	Training new coordinator for Sustainable Schools team from EPA; Identifying new participants for state and regional groups.	Grants for schools to implement sustainable school projects Staff support within state agencies	<b>1.1</b> <a href="#">Convene state-level sustainable schools meetings to facilitate dialog and increase intentional connections among programs to create an easy-to-understand pathway for schools to engage in increasingly sophisticated sustainability efforts.</a> <b>1.2</b> <a href="#">Identify additional funding opportunities to support sustainable school efforts</a> <b>1.3</b> <a href="#">Collect successful program models and lessons learned and share among partner organizations to</a>	No		

			<a href="#">improve programs and increase collaboration.</a>		
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## ACTIONS – 2018-2019

Action #	Description	Performance Target(s)	Responsible Party (or Parties) / Partner Orgs	Geographic Location	Expected Timeline
<b>Management Approach 1:</b> Strengthen and coordinate sustainable school state certification and recognition programs consistent with high-quality, recognized criteria such as the U.S. Department of Education Green Ribbon School program					
<b>1.1</b>	Convene state-level sustainable schools meetings to facilitate dialog and increase intentional connections among programs to create an easy-to-understand pathway for schools to engage in increasingly sophisticated sustainability efforts.	Work with states to better understand state efforts and increase collaboration across state lines	EPA /	Region	Ongoing
		Regularly convene sustainable schools representatives to highlight lessons learned and discuss shared interests	EPA /	Region	Ongoing
		Collaborate within the VDOE, include representatives from the departments of facilities, health and PE, school nutrition, STEM, to determine information that can be included on VDOE website on sustainable school practices. Create links between sites to allow for easier access to information.	VDOE /	VA	Dec 2018
		Continue to serve on the PA GHSP Advisory Board and collaborate with PDE, DCNR, EPA, Dept of Ag, PennDot, and Dept. of Health on sustainable school participation.	PA PDE / PA DEP, DCNR, PDE, Dept. of Ag, Dept. of Health and EPA	PA	Ongoing
		Coordinate connections between and among Eco- Schools, PLT Green Schools, and Green Ribbon Schools.	PAGHSP / PA DEP, PDE, DCNR, EEAC, PAGHSP	PA	2020
		Create and maintain a new Delaware sustainable schools group.	DOE / Delaware United, DNS, DNREC, EPA	DE	Ongoing
<b>1.2</b>	Identify additional funding opportunities to support sustainable school efforts	Review funding inventory provided to Management Board for programs applicable to Sustainable Schools.	EPA / NOAA	Region	Jul 2018

## ACTIONS – 2018-2019

Action #	Description	Performance Target(s)	Responsible Party (or Parties) / Partner Orgs	Geographic Location	Expected Timeline
		Encourage the submission of sustainable schools projects to the EPA environmental education grants program	EPA /	Region	Ongoing
		Identify additional federal resources that could support Sustainable Schools efforts.	EPA /	Region	2019
		Continue to offer the PA DEP Environmental Protection EE Grant Program to fund sustainable school programs throughout PA.	PA DEP / PA DEP	PA	Ongoing
		WV DEP Chesapeake Bay Program "Tributary Team" investigating potential U.S. EPA Bay Program funding for MWEE and sustainable schools.	Cacapon Institute / Experience Learning, WVDEP	WV Bay Counties	Dec 2019
1.3	Collect successful program models and lessons learned and share among partner organizations to improve programs and increase collaboration.	Develop a plan to showcase Sustainable Schools efforts on Bay Backpack.	CBP / MAEOE	Region	
		Create profile sheets for DC recipients of the US Green Ribbon Schools Recognition and post on the OSSE website.	OSSE / LEAs	DC	2019
		Provide exemplars of effective sustainable school programs, as evidenced by earning the USDOE Green Ribbon School designation, on the VDOE website.	VDOE /	VA	Annually
		Support USDOE Green Ribbon School designation and support schools in the Eco-Schools and PLT Green Schools programs.	PA PDE / PA PDE, DCNR	PA	Ongoing
		Post program models and other materials on the PA Green and Healthy Schools Partnership website.	PA PDE /	PA	Ongoing
		Promote Green Schools at state conferences.	PAGHSP / PA DEP, PDE, DCNR, EEAC, PAGHSP	PA	2020
		Promote the Keystone Energy Education Program (KEEP) professional development workshops.	PA DEP / PA DEP, PDE	PA	Ongoing

## ACTIONS – 2018-2019

Action #	Description	Performance Target(s)	Responsible Party (or Parties) / Partner Orgs	Geographic Location	Expected Timeline
<b>Management Approach 2:</b> Broaden stakeholder engagement beyond environmental literacy constituents to broaden awareness, build partnerships, and increase support.					
<b>2.1</b>	Increase the number of facilities, health, and other related professionals engaged in state level sustainable schools convenings to better inform sustainable schools efforts and increase sustainability considerations across disciplines.	Conduct targeted outreach to influential state agency staff and stakeholder groups to raise awareness and support for sustainable schools.	CBP / PA DOE, VA, DOE, MSDE	Region	
		Develop a means to connect and better integrate the various programs and initiatives offered at the state level to support sustainable practices in schools; provide readily accessible information on these resources via Bay Backpack, linked to partners' websites; and promote them through existing sustainable schools programs.	MD Project Green Classrooms / MSDE, DNR, MDP, MDE, MAEOE, NWF	MD	Dec 2018
		Explore the possibility of creating a sustainable schools subcommittee as part of the District's Healthy Youth and Schools Commission, to provide guidance on how to move forward with a state green school certification program.	OSSE /	DC	2019
		Integrate additional agencies into the PA Green and Healthy School Partnership, including Dept. of Ag, Health, and PennDOT.	PA PDE / PA DEP, DCNR, PDE, Dept of Health, Dept. of Ag., PennDot	PA	Ongoing
		Target additional agencies to participate in the GHSP and recognize awardees at annual recognition program.	PA PDE / PA DEP, DCNR, PDE	PA	Ongoing
		Increase and strengthen school-based policies focusing on nutrition and physical activity by promoting technical assistance and best practices.	PAGHSP / PA DEP, DCNR, PDE, Dept of Health, Dept. of Ag., PennDot	PA	2020
		Identify best management practices to make school buildings and grounds more sustainable.	PAGHSP / PA DEP, DCNR, PDE, Dept of Health, Dept. of Ag., PennDot	PA	2020

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Action #	Description	Performance Target(s)	Responsible Party (or Parties) / Partner Orgs	Geographic Location	Expected Timeline
		Collaborate within the VDOE, include representatives from the departments of facilities, health and PE, school nutrition, STEM, to disseminate information on sustainable school practices.	VDOE /	VA	Ongoing
		Communicate state and national sustainable school award programs through VDOE Science Update and Teacher Direct.	VDOE /	VA	Ongoing
		Facilitate collaboration between state agencies and LEAs to provide a more holistic approach to sustainable environments to include health & nutrition, agriculture, community involvement, and economics.	VRUEC / VDOF, VAEE, VCE, DGIF, VCEE, VDOE, DEQ	VA	Ongoing
<b>2.2</b>	Better connect with other Chesapeake Bay Program Goal Implementation Teams and state working groups/networks to support implementation of best management practices at schools.	Conduct survey of CBP Goal Implementation Teams to determine opportunities to conduct projects at schools.	CBP / EPA, NOAA, NPS	Region	Dec 2018
		Promote cross-program training across state agencies.	VDOE / DNR	VA	Annually
		Provide reports and updates to CBP through the Education Workgroup, work with the Diversity Working Group on career pathways efforts that apply within schools; report on our actions within the agencies to promote cross-program coordination.	Project Green Classrooms / MD DNR, MSDE, others	MD	Annually / ongoing
		Explore the possibilities of linking with Adopt-a-Stream initiatives as well as wildlife efforts.	DOEE /	DC	Ongoing
		Coordinate PAGHSP participants with the NOAA PA Environmental Literacy Capacity Building Task Force to connect with the Chesapeake Bay Program.	PA PDE / PA DEP, DCNR, PDE, Stroud Water Research Center	PA	Ongoing
		Engage WV Chesapeake Bay Program "Tributary Team" in implementing school-based stormwater reduction BMP's that include MWEE.	Cacapon Institute / Experience Learning,	WV Bay Counties	Dec 2019



## ACTIONS – 2018-2019

Action #	Description	Performance Target(s)	Responsible Party (or Parties) / Partner Orgs	Geographic Location	Expected Timeline
			WVDEP, WVCA, WVDOF		
<b>Management Approach 3: Identify and disseminate sustainable schools information and resources to school districts and schools.</b>					
<b>3.1</b>	Support development of school and school division sustainability plans that clearly outline program components and best practices and disseminate them to encourage replication.	Develop recommendations and guidance for implementing sustainable practices at school facilities and grounds; explore options to secure a statewide sustainable schools coordinator to provide technical assistance for school districts to develop and implement sustainability plans to systemically increase the number of sustainable schools in Maryland.	Project Green Classrooms / MSDE, DNR, MDP, MAEOE, NWF, MDE, etc.	MD	Recomm's Dec 2018; coordinator, some plans 2019; [more plans, training, implement 2020]
		Engage school district experts, stakeholders, and state/federal agencies to provide suggestions for tools, resources, training opportunities, and other assistance to schools for implementing sustainable/healthy schools.	VDOE / CBF, VRUEC, VDOF, DGIF, VAEE, DCR, etc.	VA	Annually
		Support implementation of stormwater BMPs through professional development workshops for formal and non- formal educators.	PA DEP / PA DEP, DCNR, PDE, Stroud Water Research Center etc	PA	Ongoing
		Continue support of PA Green Ribbon Schools, Eco- Schools, and PLT Green Schools programs to encourage state and district level sustainability efforts.	PA PDE / DEP, DCNR, PDE, EPA	PA	Ongoing
		Encourage schools to participate in WV Sustainable Schools and WVDEd Green Ribbon Schools.	Cacapon Institute / Experience Learning, WVSTA, WVDE	WV	Ongoing
<b>3.2</b>	Collect and disseminate studies and information about sustainable schools awards programs, opportunities, and	Update VDOE Healthy Schools website to reflect up to date BMP and sustainable schools benefits.	VDOE /	VA	Ongoing

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Action #	Description	Performance Target(s)	Responsible Party (or Parties) / Partner Orgs	Geographic Location	Expected Timeline
	benefits, including cost savings, student health, student achievement.	Promote successful sustainable school initiatives through the DEP EE Grant program and the NOAA PA Environmental Literacy Capacity Building Task force.	PA DEP / PA DEP, DCNR, PDE, Stroud	PA	2019
		Communicate state and national sustainable school award programs through VDOE Science Update and Teacher Direct.	VDOE /	VA	Ongoing
		Encourage large scale participation in the US Green Building Council Green Apple Day of Service	EPA /	Region	Yearly
<b>3.3</b>	Encourage and support the installation of BMP projects on school grounds.	Continue to promote videos on the DEP website including: "Stream Maintenance Guide", "The Susquehanna River Story", "Looking Below the Surface" and "Be Stormwater SmartPA".	PA DEP / PA DEP	PA	Ongoing
		Support implementation of stormwater BMPs through professional development workshops for formal and non- formal educators.	PA DEP / PA DEP, DCNR, PDE, Stroud Water Research Center etc	PA	Ongoing
		Complete and post a series of videos on stormwater management to supplement school projects materials on Bay Backpack.	NWF / CBP	Region	2018
		Through the RiverSmart Schools program, provide teachers with training and financial resources to install conservation sites on their school grounds and integrate them into their curriculum.	DOEE / Design-Build contracts, LEAs	DC	2018
		Continue to offer the Keystone Energy Education Program (KEEP) professional development workshops.	PA DEP / PA DEP, PDE	PA	Ongoing
		Coordinate state Green Ribbon Schools Programs.	Various / DDOE, Experience Learning, OSSE, MSDE, VDOE, PDOE	WV, DE, MD, PA, VA, DC	Yearly

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Action #	Description	Performance Target(s)	Responsible Party (or Parties) / Partner Orgs	Geographic Location	Expected Timeline
		Maintain the PA Greener Schools Program.	Green Building United / Various partnerships	PA	Yearly
		Broadly engage Potomac Highlands communities in stormwater runoff pollution mitigation BMP's including schoolyard-based BMP's tied to MWEE's.	Cacapon Institute / Experience Learning, WVDEP, WVCA, WVDOF	WV Bay Counties	Nov 2019
		Continue support of PA Green Ribbon Schools and Eco- Schools programs.	PA PDE / DEP, DCNR, PDE, EPA	PA	Ongoing
		Broadly engage schools, and school communities, in stormwater runoff reduction BMP's with MWEE.	Cacapon Institute / Experience Learning, WVDEP, WVCA, WVDOF	WV Bay Counties	Ongoing