

# CBPO Program Update

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**Chesapeake Bay Program**

*Science. Restoration. Partnership.*



# The Chesapeake Bay Program Partnership



NY



DC



VA



MD



PA



DE



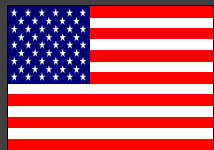
WV



Bay  
Commission



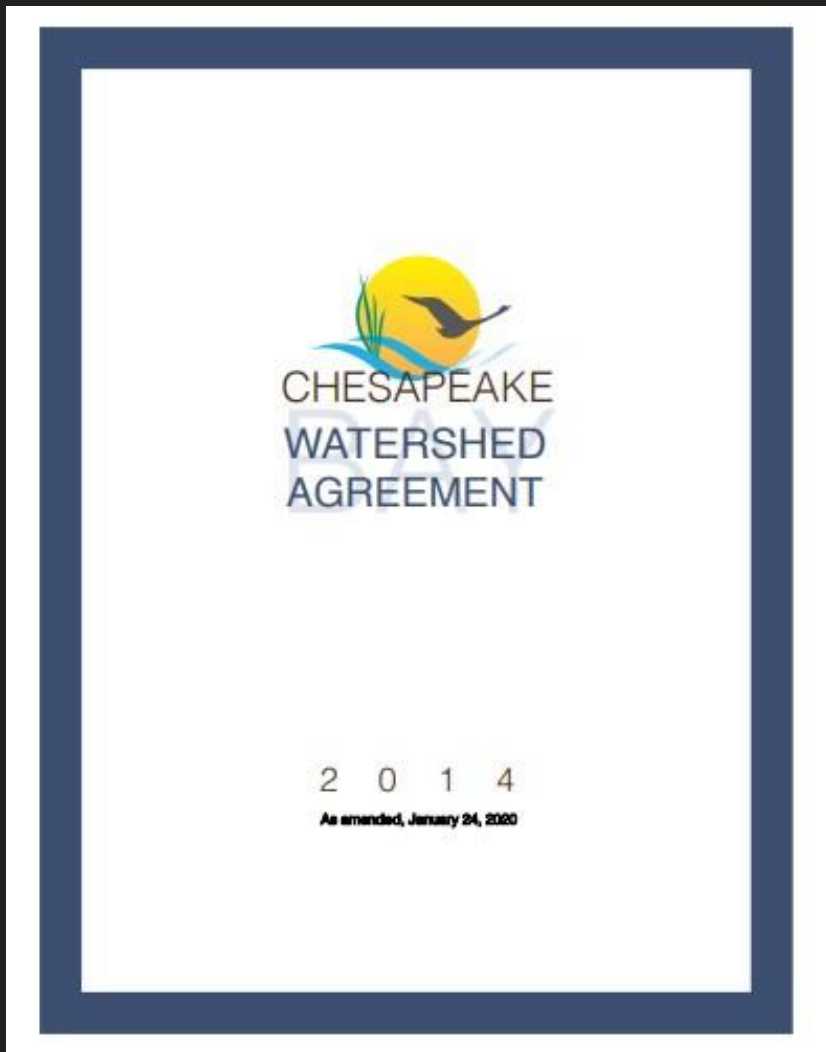
Chesapeake Bay Program



Federal  
partners



A partnership of all the major players in the Chesapeake region,  
working collaboratively on science, policy and restoration efforts



***Vision:*** An environmentally and economically sustainable Chesapeake Bay watershed with clean water, abundant life, conserved lands and access to the water, a vibrant cultural heritage, and a diversity of engaged citizens and stakeholders.

CBP's Executive Council agreed to ***Watershed Agreement*** GOALS and initial OUTCOMES

CBP's Principals' Staff Committee tracks **OUTCOMES**, ensuring they are measurable and achievable; adapting as needed

CBP's Management Board manages and tracks the **STRATEGIES**, adapting them as necessary over time for success

Logic and Action Plans summarize **specific commitments, short-term actions and resources required** for success

# Watershed Agreement Outcomes

## Sustainable Fisheries

- Blue Crab Abundance & Management
- Oyster Restoration
- Fish Habitat
- Forage fish

## Vital Habitats

- Fish Passage
- Forest Buffers
- Stream Health
  - Brook Trout
- SAV
- Tree Canopy
- Wetlands
  - Black Duck

## Clean Water

- Watershed Implementation Plans - 2017 & 2025
- Water Quality Standards Attainment & Monitoring
- Toxic Contaminants Research
- Toxic Contaminants Policy and Prevention
- Healthy Watersheds

## Conserved Lands

- Protected Lands
- Land Use Options Evaluation
- Land Use Methods & Metrics

## Engaged Communities

- Diversity
- Public Access
- Citizen Stewardship
- Local Leadership
- Sustainable Schools
- Environmental Literacy Planning
- Student MWEEs

## Climate Change

- Climate Monitoring and Assessment
- Climate Adaptation

# FY 2021 Chesapeake Bay Program Budget

## Funding Categories\*

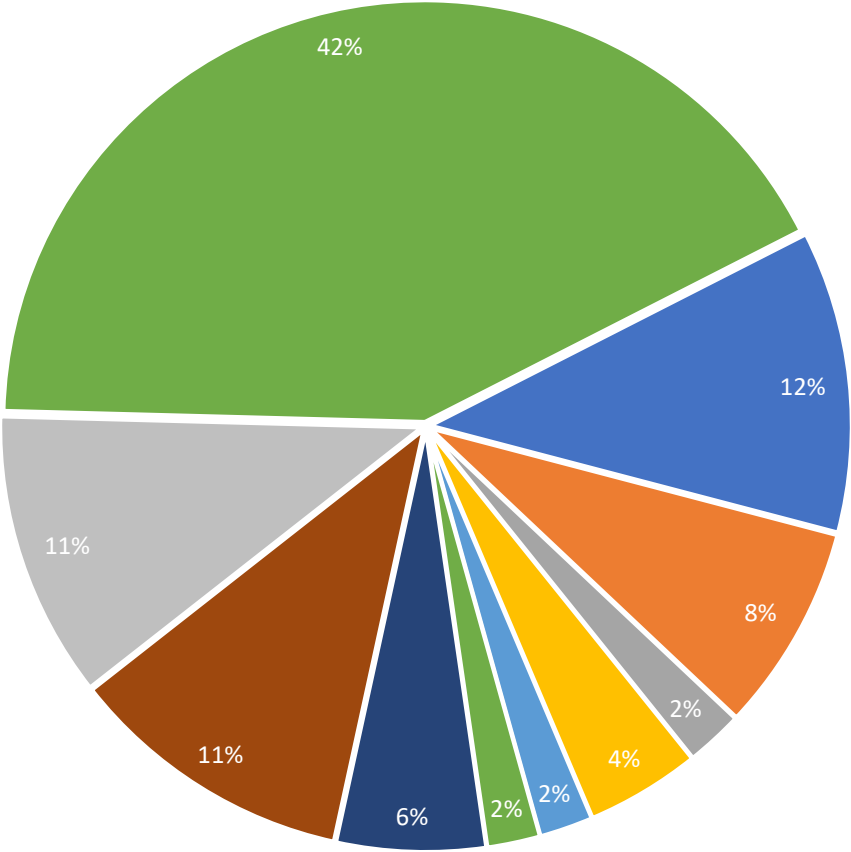
**FY 2021 Enacted Budget**  
(Dollars in thousands)

<b>Program Operations &amp; Support</b>	<b>\$6,958</b>
<b>Partnership &amp; Data Management Support</b>	<b>\$10,135</b>
<b>WQ Monitoring Grants</b>	<b>\$5,000</b>
<b>TMDL Implementation &amp; Analysis</b>	<b>\$1,777</b>
<b>Reporting &amp; Accountability</b>	<b>\$1,920</b>
<b>Permit Review and Rule Development, Guidance &amp; Implementation</b>	<b>\$3,844</b>
<b>Enforcement</b>	<b>\$1,794</b>
<b>Small Watershed Grant Program</b>	<b>\$9,625</b>
<b>Innovative Nutrient Sediment Reduction Grants</b>	<b>\$9,625</b>
<b>State Implementation Grants</b>	<b>\$36,822</b>
<b>Chesapeake Bay Funding Totals</b>	<b>\$87,500</b>

\*Funding categories used in annual congressional justification

# FY 2021 Partnership and Data Management Support

## Funding by Category



### Examples of Partnership and Data Management Support

#### Advisory Committees

CAC/LGAC

~\$300 K each

STAC

~\$400 K

#### CRC Staffer Support

~\$900 K

#### Goal Team Funding

~\$900 K

#### GIT Coordinator Positions

~\$800 K

#### SAV Monitoring and Analysis

~\$400 K

#### Technical Program Support (QA, monitoring, modeling, data analysis, GIS, high-resolution land cover, etc.)

~\$3.95 M

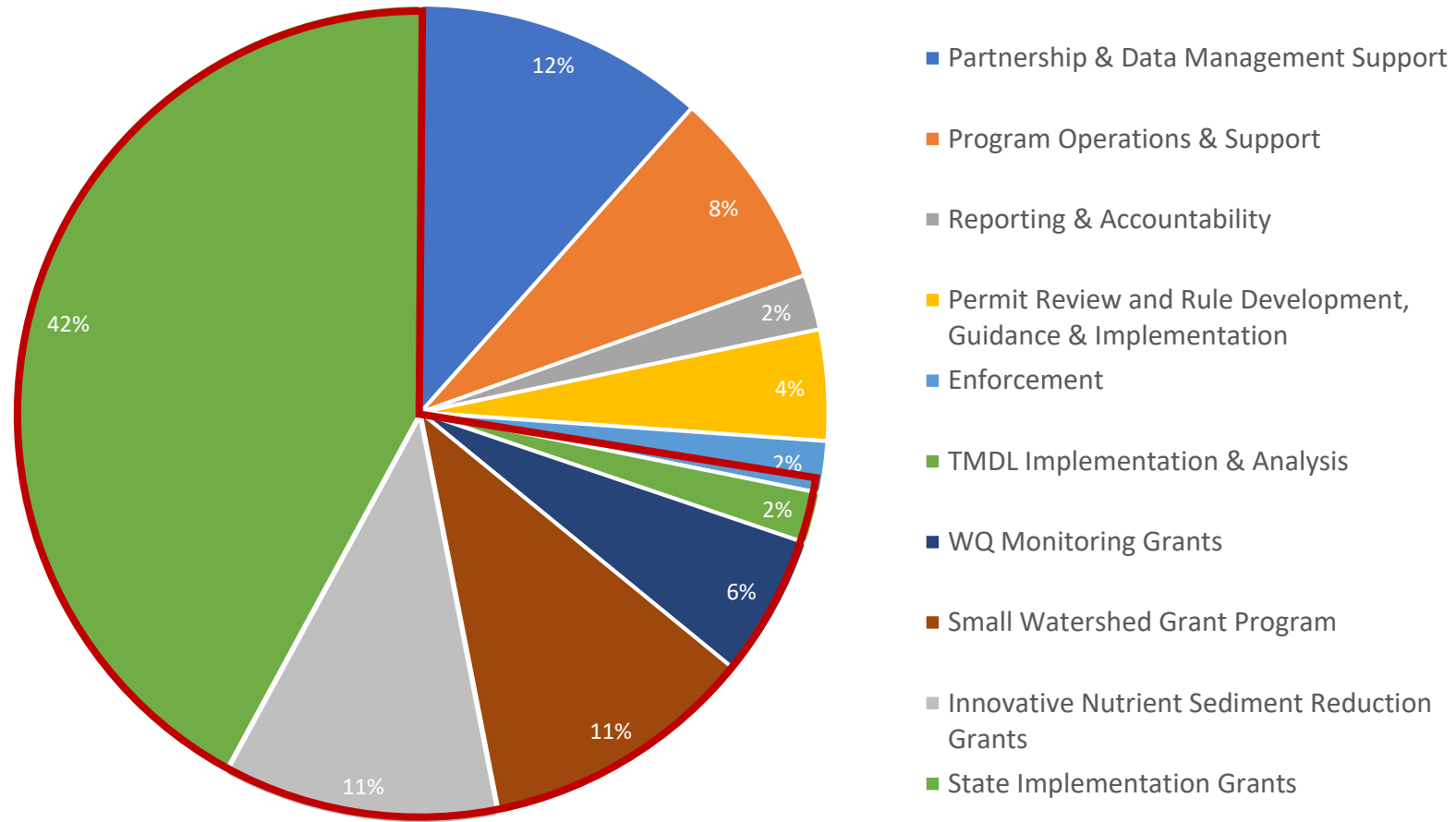
#### Mission Support Contracts (Tetra Tech and ERG)

~\$1.0 M

# FY 2021 Chesapeake Bay Program Budget

## Funding by Category

**>70% to Grants**



\*Dollars in thousands

# CBIG

Implementation of management mechanisms **for all Goals and Outcomes** established under the 2014 Chesapeake Bay Watershed Agreement, with emphasis on reduction of nutrient and sediment pollution.

**20%:** Pennsylvania, Virginia, Maryland  
**10%:** Delaware, DC, New York, West Virginia

**\$12.6 M**



**Allocation Formula**



**Funding Amount**

# CBRAP

Implementation of regulatory, accountability, assessment, compliance, and enforcement capabilities in support of the **Water Quality Goal** of the 2014 Watershed Agreement and Bay TMDL.

**Base:** All Bay Agreement signatories receive funds.  
**Formula:** **35%** for reductions through 2017. **65%** for 2018-2025 N load reduction commitments.

**\$11.2 M**

**Combined Funding Amount approx. \$23.8 M**



# Local Government Implementation Funding

- EPA has provided an additional \$5 M to States for Local Government Implementation
- Intended for use by local entities, including:
  - Counties, municipalities, cities, towns, townships, federally recognized tribes, local public authorities or districts (including conservation districts or regional planning districts), organizations representing local governments, or watershed organizations that support local government implementation.
- Funding is to support WIPs
- Allocated using CBRAP grant allocation formula
- EPA can also provide this funding directly to local entities through competitive RFAs.

# FY 2021 Most Effective Basins (MEB) Funding

- Formula is based on cost effectiveness and load effectiveness for nitrogen.
- By jurisdiction, the percentage of agricultural sector implementation proposed in each WIP and the resulting MEB funding allocation.
- EPA and CBP has focused additional \$1.25 in FY21 funds to underrepresented communities.

Jurisdiction	Phase III WIP Ag Nitrogen Commitment (million pounds)	Percent of Total Nitrogen Commitment Proposed	MEB Funding Allocations (\$)	Underrepresented Communities Allocation (\$)
DC	0.0	0.00%	-	\$125,000
DE	2.2	6.08%	\$ 364,540	\$125,000
MD	4.2	11.60%	\$ 695,940	\$250,000
NY	0.5	1.33%	\$ 79,536	\$125,000
PA	22.3	61.59%	\$ 3,695,112	\$250,000
VA	6.7	18.50%	\$ 1,110,191	\$250,000
WV	0.3	0.91%	\$ 54,681	\$125,000
<b>Totals</b>	<b>36.2</b>	<b>100.00%</b>	<b>\$ 6,000,000</b>	<b>\$1,250,000</b>

# GIT Funding



\$900,000 through cooperative agreement with Chesapeake Bay Trust

## 2020 GIT Funding Project Title

Project 1 - Forage Indicator Development: Using Environmental Drivers to Assess Forage Status

Project 2 - Synthesis of Shoreline, Sea Level Rise, and Marsh Migration Data for Wetland Restoration Targeting

Project 3 - Maintaining forests in stream corridor restoration and sharing lessons learned

Project 4 - Public Access Research - Benefits and Barriers Across the Watershed

Project 5 - Planning for Clean Water: Local Government Workshops

Project 6 - Modeling climate impacts on submerged aquatic grasses (SAV) in Chesapeake Bay

Project 10 - Cultivating and Strengthening Partnerships with Underrepresented Stakeholders

Project 15 - Chesapeake Bay Program Social Science Assessment and Integration Road Map Development

Project 8 - Management Approaches to Reduce Stressors of Stream Health

Project 19 - Developing Standards and Metrics to Target the Conservation of “ Green Spaces “ in Diverse and Low – Income Urban Communities

Project 14 - Methods to integrate co-benefits of toxic contaminant reduction into decision tools

Project 7 - Development of cost-effective methods to measure denitrification rates of Oyster Restoration BMPs

**Purpose:** The GIT Funding Program undertakes projects that address needs identified in the management strategies and action plans that teams develop to meet the goals of the Chesapeake Bay Watershed Agreement. The program outputs substantially impact team progress on completing planned actions and filling critical knowledge gaps

# Innovative Nutrient & Sediment Reduction Grants | Small Watershed Grants

## Annual Funding Amounts

2018

2019

2020

2021

**\$12,000,000**

INSR: \$6,000,000

SWG: \$6,000,000

**\$12,000,000**

INSR: \$6,000,000

SWG: \$6,000,000

**\$18,000,000**

INSR: \$9,000,000

SWG: \$9,000,000

**\$19,250,000**

INSR: \$9,625,000

SWG: \$9,625,000

For More Information:

[www.chesapeakebay.net](http://www.chesapeakebay.net)

[www.chesapeakeprogress.com](http://www.chesapeakeprogress.com)



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