

# Chesapeake Bay Program

STAR Climate Change Workgroup  
Kick-Off Meeting  
December 10, 2014



# 2014 Chesapeake Bay Watershed Agreement

- On June 16, 2014, the Chesapeake Bay Program (CBP) Partners signed a new Chesapeake Bay Watershed Agreement.
- It is the most inclusive, collaborative, and goal-oriented agreement for any watershed in the nation.
- Signatories include representatives from the entire Chesapeake watershed, bringing for the first time the Bay's headwater states (DE, NY and WV) to full partnership in the Bay Program.

# Goals & Outcomes

- The new Agreement identifies the Partnership's collective commitments for restoring and protecting the watershed through 10 goals and 29 outcomes.
  - Goals articulate the high level aspects of the partners' vision; while
  - Outcomes express specific, time-bound, measureable targets that directly contribute to achieving each goal.
- These goals and outcomes are clearer and better-defined than in previous CBP agreements and allow for greater flexibility through the adoption of an adaptive management decision-making process—one based on the application of scientific process and continual analysis of monitoring data.

# CLIMATE RESILIENCY

Changing climatic and sea level conditions may alter the Bay ecosystem and human activities, requiring adjustment to policies, programs and projects to successfully achieve our restoration and protection goals for the Chesapeake Bay and its watershed. This challenge requires careful monitoring and assessment of these impacts and application of this knowledge to policies, programs and projects.

**GOAL:** Increase the resiliency of the Chesapeake Bay watershed, including its living resources, habitats, public infrastructure and communities, to withstand adverse impacts from changing environmental and climate conditions.

- **Monitoring and Assessment Outcome:** Continually monitor and assess the trends and likely impacts of changing climatic and sea level conditions on the Chesapeake Bay ecosystem, including the effectiveness of restoration and protection policies, programs and projects.
- **Adaptation Outcome:** Continually pursue, design and construct restoration and protection projects to enhance the resiliency of Bay and aquatic ecosystems from the impacts of coastal erosion, coastal flooding, more intense and more frequent storms and sea level rise.

# Key Partnership Climate Change-Related Commitments and Recommendations

- *2008 STAC Report “Climate Change and the Chesapeake Bay: State-of-the-Science Review and Recommendations”*
- *2009 Presidential Executive Order 13508*
- *2010 Chesapeake Bay TMDL*
- *2011 Adapting to Climate Change in the Chesapeake Bay: STAC Workshop Report*
- *2010 Executive Order 13058: Strategy for Protecting and Restoring the Chesapeake Bay Watershed*
- *2014 Chesapeake Bay Watershed Agreement*

# Management Strategies

- Following the adoption of the new Agreement, CBP's Goal Implementation Teams will spend one year developing "Management Strategies." These strategies will articulate the overarching and specific actions necessary to achieve the goals and outcomes by 2025.
- A Management Strategy is a single document that summarizes the Partnership's management process and the collective thinking of the Partnership for each outcome or related group of outcomes.
- A two-year work plan will be included in each strategy and will succinctly summarize the specific commitments, actions and resources each self-identified signatory and stakeholder will do individually and collectively to reach the two-year target for that outcome.
- The Management Strategies will explain both how we will accomplish the outcomes and as well as how we will monitor, assess and report progress.
- The adoption of these strategies may vary by signatory partner and the implementation will take place in two-year periods.
- Public input is essential to management strategy development and evaluation. Each strategy will include a period for public review and comment before it is adopted.

# Participation in Management Strategy Development – Signatory Reps

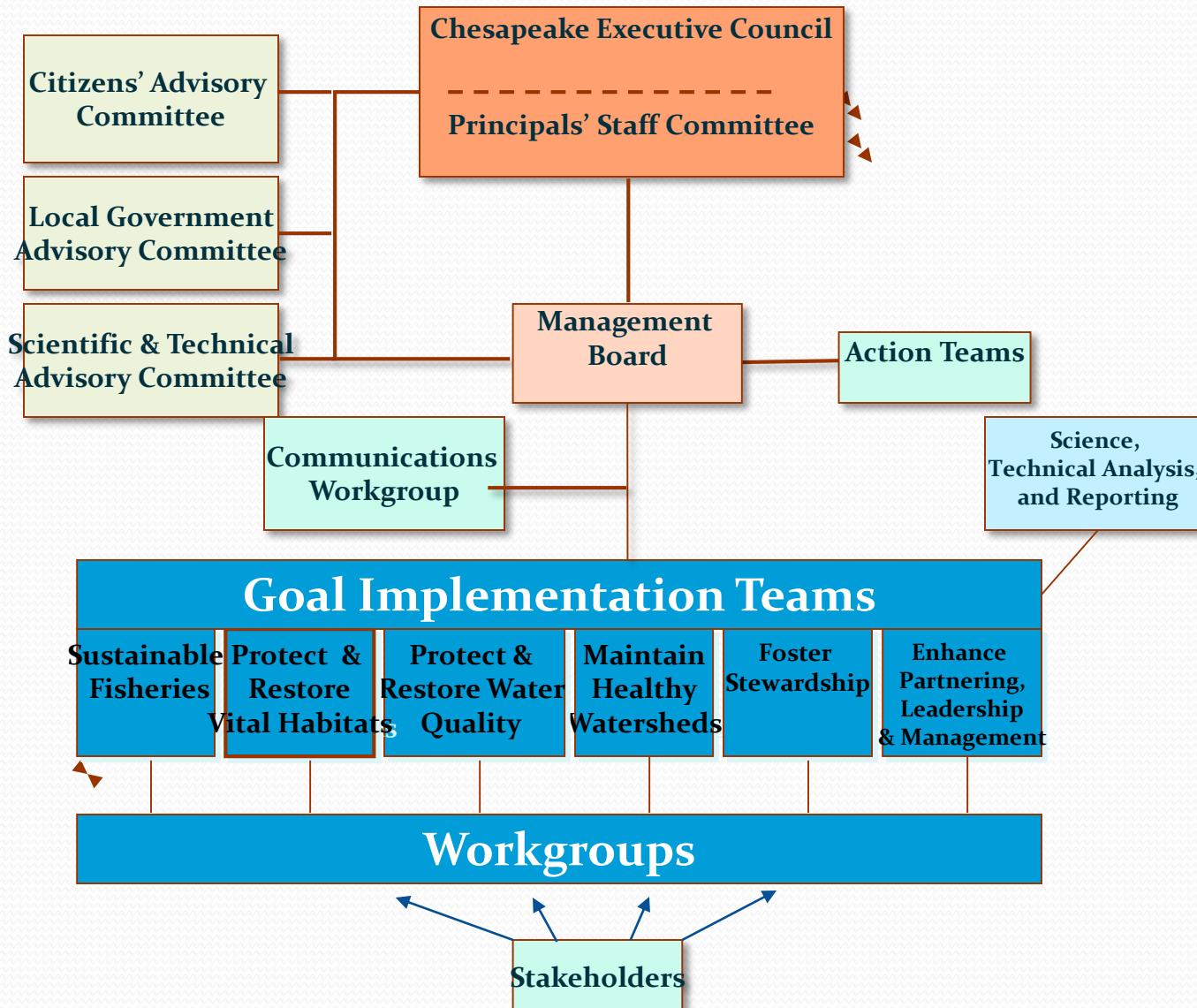
Outcome	Participating Jurisdictions /CBC	Participating Agencies
<b>Climate Resiliency Goal</b>		
<b>Monitoring and Assessment Outcome</b>	MD, DC, DE, PA, VA, CBC	DOI (USGS/FWS), NOAA, EPA, NPS, USACE
<b>Adaptation</b>	MD, DC, DE, PA, VA, NY, CBC	USACE, NOAA, FWS, EPA, DOT, DOI (FWS/NPS/USGS)

+ Self-Identified Stakeholders

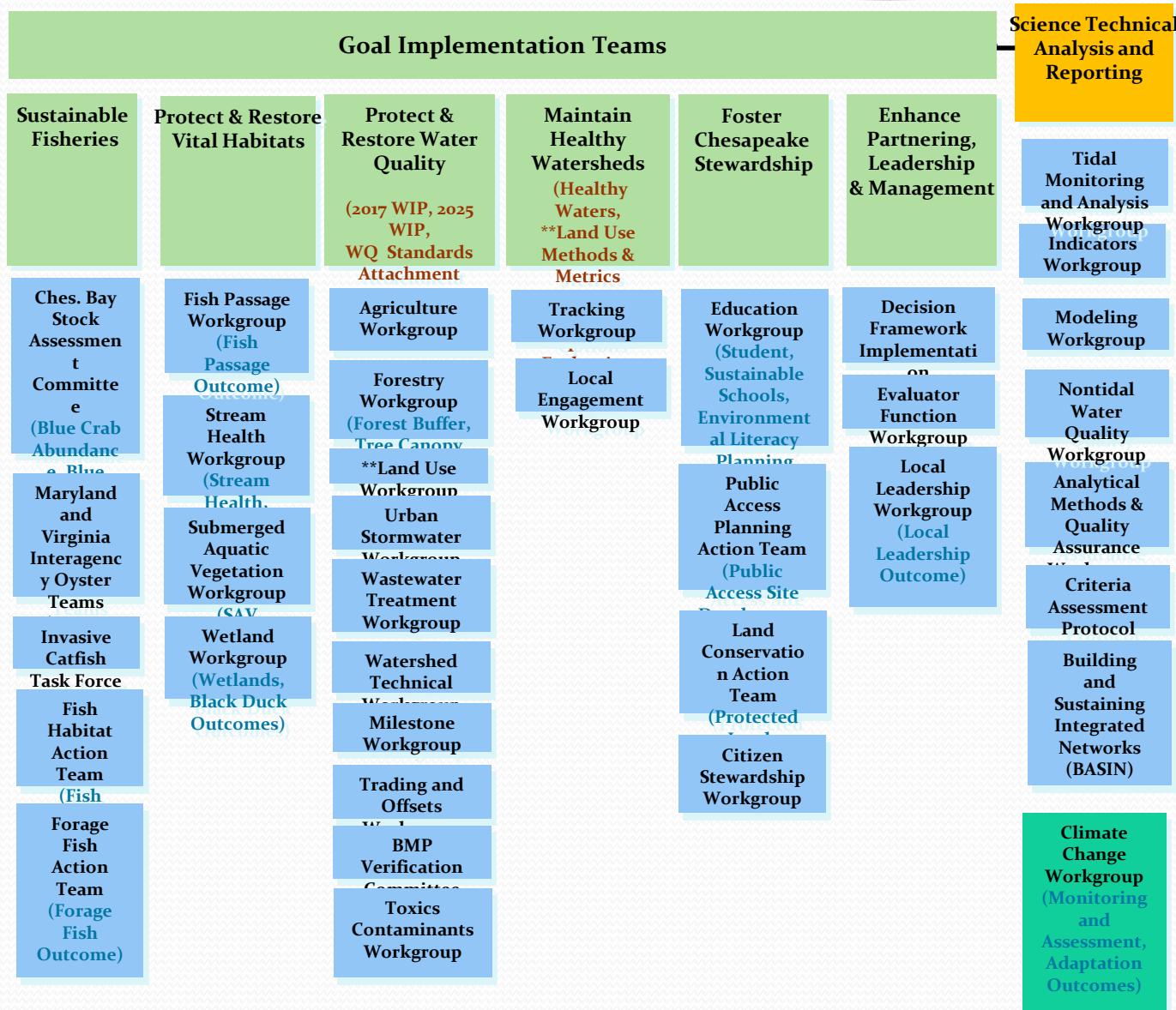
# Key Elements of Management Strategies

- 1. Executive Summary**
- 2. Outcomes and Baselines**
- 3. Jurisdictions and agencies participating in the strategy**
  - **Local engagement**
- 4. Factors influencing ability to meet the goal/outcome**
- 5. Current efforts and gaps**
  - **Actions, tools or technical support needed to empower local government and others**
- 6. Management Approach**
  - **Local engagement**
- 7. Monitoring Progress**
- 8. Assessing Progress**
- 9. Adaptively Manage**
- 10. Biennial Workplan**
  - A summary of specific commitments, actions and resources each signatory and stakeholder will do to reach the two-year target for an outcome

# Who is developing management strategies?



## CBP Structure and Outcome Lead Placement



# Process for Developing the Management Strategies

- **1<sup>st</sup> stage** – Convene participatory representatives and interested stakeholders to initiate development process
- **2<sup>nd</sup> stage** – Research/information collection - Each is slightly different.
  - Where there is a lot of history with a particular outcome in the CBP partnership, often use more traditional established workgroups to get the work done (e.g. SAV)
  - Where the MS requires more investment from stakeholders traditionally outside the CBP partnership (climate change, diversity, local leadership), more research and investment in up front understanding may be necessary (focus groups, workshops, etc).
- **3<sup>rd</sup> stage** – Writing – By drafters as well as other active participants
- **4<sup>th</sup> stage** – Review – Management Board/Public Comment
- **5<sup>th</sup> stage** – Edit/improve/“finalize”

# Management Strategy

## Timeline

- **Workgroup Kick-off** **12/10/14**
- Update to Management Board **1/15/15**
- Update to Management Board **2/12/15**
- **Draft to Management Board** **3/1/15**
  - Draft Internal Review **3/1/15 - 3/15/15**
  - **Final Draft for Public Review** **3/16/15**
    - 30-day Public Review **3/16/15 - 4/15/15**
  - **Final Edits** **5/1/15**
  - Final Approval **6/16/15**

Major  
Portion  
of Workload

# Climate Change Workgroup

## Roles

- **TIER #1:** People/groups that are **engaged and would have interest in participating and/or who would offer valuable insight** in the development of Management Strategies
- **TIER #2:** People/groups who **want to attend meetings and be informed** about meetings & materials
- **TIER #3:** People/groups who only **want to stay informed and comment during public input periods**

# Breakout Discussion Questions

- What resources/reports/tools are out there relevant to each Outcome?
- Who else should we be involving in this process?
- Identify the process and timeline for the development of each management strategy and volunteers to contribute including roles and responsibilities.

Work Group Website:  
[www.chesapeakebay.net/groups/group/climate\\_change\\_workgroup](http://www.chesapeakebay.net/groups/group/climate_change_workgroup)

Learn more at  
[www.chesapeakebay.net/  
watershedagreement](http://www.chesapeakebay.net/watershedagreement)

Join the discussions at  
[www.chesapeakebay.net/  
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