Commission for the Innovation and Advancement of Carbon Markets and Sustainable Tree Plantings

January 5, 2022
Regular Meeting
Meeting Agenda

• **2:00-2:10pm** - Welcome from the Chair

• **2:10-2:20pm** - Introduction of Tree Grower and Carbon Market leads

• **2:20-2:45pm** - Introduction of Commission members

• **2:45-3:00pm** - Commission charge and context

• **3:00-3:10pm** - Commission work plan and timeline

• **3:10-3:25pm** - Open discussion and questions

• **3:25-3:30pm** - Public comment period
1. Grow 5 million native trees by 2030

2. Build Carbon Markets

3. Advance Equity

4. Ensure that trees optimize
   - Environmental
   - Economic
   - Social Benefits
Implementation Leads

• **Maryland Department of the Environment**
  – Tracking, program coordination, and accounting
  – Staff Commission

• **Maryland Department of Natural Resources**
  – Technical assistance tree planting/management
  – 13 new contractor positions and expanded program funding

• **Maryland Department of Agriculture**
  – Manage one-time $1000 per acre bonus for landowners who enroll forested streamside buffers via CREP

• **Chesapeake Bay Trust**
  – Development and management of new Urban Trees Program
## Commission Membership

<table>
<thead>
<tr>
<th>Membership</th>
<th>Representative</th>
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<tbody>
<tr>
<td>Maryland Department of the Environment (Chair)</td>
<td>Secretary Ben Grumbles (Asst Sec. Dr. Suzanne Dorsey)</td>
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<td>Maryland Department of Natural Resources</td>
<td>Secretary Jeannie Haddaway-Riccio (Asst Sec. Phil Hager)</td>
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<td>Maryland Department of Agriculture</td>
<td>Secretary Joe Bartenfelder (Asst Sec. Hans Schmidt)</td>
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<td>State Treasurer</td>
<td>Treasurer Dereck Davis or their designee</td>
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<td>Maryland Association of Counties</td>
<td>David V. Lykens, Director of Baltimore County Department of Environmental Protection and Sustainability</td>
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<td>Maryland Municipal League</td>
<td>Angelica Bailey, Legislative Director</td>
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<td>Commission on Environmental Justice and Sustainable Communities</td>
<td>Camille Burke, Commission Chair</td>
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<td>Chesapeake Bay Foundation</td>
<td>Josh Kurtz, Maryland Executive Director</td>
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<td>Maryland League of Conservation Voters</td>
<td>Kim Coble, Executive Director</td>
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<td>Blue Water Baltimore</td>
<td>Darin Crew, Senior Manager of Operations</td>
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<td>Maryland Chapter of The Nature Conservancy</td>
<td>Dr. Deborah Landau, Director of Ecological Management</td>
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<td>Maryland Farm Bureau</td>
<td>Colby Ferguson, Director of Government &amp; Public Relations</td>
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<td>University of Maryland, College Park</td>
<td>Dr. Joseph Sullivan, Professor and Associate Dean, College of Agriculture &amp; Natural Resources</td>
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<td>Patapsco Heritage Greenway</td>
<td>Dr. Mark Southerland, President of the Board</td>
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<tr>
<td>Maryland Forestry Foundation</td>
<td>Gary Allen, President</td>
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Core Charges

1. A plan to support the State’s carbon mitigation goal of planting 5 million native trees by 2030;

2. A plan to ensure that trees planted under this Act are managed;

3. Recommendations regarding a carbon market to support the State’s tree–planting goals; and

4. Recommendations on reviewing State policies to reduce and mitigate the clearing of trees during the construction of State highways and other transportation projects.
Statewide Connections

- Greenhouse Gas Reduction Act Plan and Inventory
- Maryland Commission on Climate Change
- Chesapeake Bay Program goals
- Commission on Environmental Justice and Sustainable Communities
Draft Work Plan and Timeline
(Meetings on Fridays – 2-3:30pm)

- **February 11**
  - MDA and DNR Implementation Strategies

- **March 11**
  - CBT Urban Tree Growing Plan

- **April 8**
  - MDE Tree Accounting and Quantifying Carbon

- **May 6**
  - MDE and Invited Speakers: Intro to Carbon Markets and the role of the State

- **May 27**
  - MDE and Invited Speakers:
    - Private financing
    - Clean Water Commerce Act
    - Water Quality Revolving Loan Fund
    - Environmental Impact Bonds

- **June 17**
  - MDOT and DNR:
    - Tree mitigation for transportation projects

April 12 - End of Legislative Session
Draft Work Plan and Timeline (Meetings on Fridays – 2-3:30pm)

• July 8
  o Progress reports from all agencies
  o Key challenges: long-term tree maintenance

• July 29
  o Progress reports from all agencies
  o Key challenges: nursery stock or other logistical barriers

• August 19
  o Progress reports from all agencies
  o Key challenges: other policy barriers

• September 9
  o Walk through and discuss sections of draft report

• September 30
  o Walk through and discuss sections of draft report

• October 10 - Final Report Distributed

• October 21
  o Vote on final report

September 1 - Finish Draft Report

October 30 - Submit Final Report to General Assembly and Governor's Office
Shared Commitments

- Full engagement at all regular meetings
- Content and materials for advanced review
- Venue for sharing expertise and experience
- Open invitation to engage coordinating staff and implementing agencies in between meetings
Questions and Discussion

Commission Members and Implementation Leads
Public Comment Period

Please add name and affiliation in the chat box and we will take comments in the order received.
Staff Contact

Rachel Lamb, PhD
MDSG State Science Policy Fellow
Climate Change Program
Maryland Department of the Environment
rachel.lamb@maryland.gov
Supporting Considerations

• science–based guidelines to maximize co-benefits

• potential planting sites, including impact on private land and related ecological services

• strategy for ensuring that at least 500,000 trees are planted in underserved areas

• list of native tree species

• review of existing programs and current resource capacity for tree plantings

• plan for expanding or creating new capacities necessary to achieve goals

• analysis of trees scheduled to be cut down and the impact on carbon sequestration

• overview and analysis of logistical and policy barriers to achieving the goals

• plan for seeking private capital to support tree plantings and forest conservation

• plan for establishing a State–based carbon offset market

• potential policy changes to facilitate use of Water Quality Revolving Loan Fund and Environmental Impact Bonds

• plan for reviewing future transportation procurement to minimize and fully mitigate tree clearing