The Advisory Panel welcomes public comments and questions both during and in between its meetings.

> To submit feedback to Panel Members and agency staff during the meeting, members of the public can use the WebEx Chat function located in the right bottom corner.
  * Comments and questions submitted through WebEx will be aggregated and submitted to panel members to be included in deliberations.

> To submit feedback between Advisory Panel meetings, please email agriculture.forestry@agriculture.ny.gov
Agenda

> Welcome
> Roll Call
> Subgroup reports and discussion
> Recommendations template
> Open discussion on state of progress
> Next steps
  • Public Engagement Meeting
  • Equity Considerations for next meeting
> Set next meeting
Subgroup Reports and Discussion
Agriculture and Forestry Advisory Panel
Agroforestry Subgroup

> **Agroforestry** - Incorporating trees into areas of agricultural production (agroforestry) have the potential to reliably increase carbon sequestration and have numerous other environmental benefits.

- Focused on understanding and increasing adoption of silvopasturing practices
- Focused on increasing implementation and establishment of riparian forest buffers, windbreaks, shelterbelts
- Focused on understanding alleycropping and increasing implementation

Enabling Initiatives
- AEM Planning for Climate Change Mitigation/Adaptation
- Emphasizing agroforestry technical and financial assistance through CRF Program
- Supporting research, education and technical services
- Coupling easements with adoption of long term beneficial practices
- Measure and monitor progress and benefits over time
Soil Health/Nutrient Management - Increase carbon sequestration with the adoption of soil health management, often referred to as regenerative agricultural practices. Reduce N2O emissions through continued and expanded nutrient management planning and implementation.

- Focused on increasing adoption of soil health, often referred to as regenerative agricultural practices
- Focused on understanding benefits of nutrient management and increasing adoption to reduce nitrous oxide emissions
- Focused on increasing capacity to measure and monitor benefits overtime

Enabling Initiatives
- AEM Planning for Climate Change Mitigation/Adaptation
- Supporting research, education and technical services – with uniform messaging
- Payments for Ecosystem Services
- Nitrogen use efficiency x crop yield contests
- Soil health standard
- Offering a range of alternatives for farms (size, resources, management, goals, etc.)
- Industry-led sustainability initiatives and goals
- Measure and monitor progress and benefits over time
Livestock/Dairy Management - Methane emission reduction through manure management. Methane emission reduction through feed management.

- Focused on planning and implementation of alternative manure management that meets water quality, nutrient management, and methane reduction objectives.

- Focused on increasing precision feed management (PFM) planning and implementation, conducting/reviewing research on novel approaches (e.g. feed additives), advancing information, training, outreach and technical assistance to livestock producers at various scales.

- Focused on increasing capacity to measure and monitor benefits overtime

Enabling Initiatives

- AEM Planning for Climate Change Mitigation/Adaptation
- Supporting research, education and technical services
- Encourage the implementation of manure management systems that meet multiple environmental objectives
- Offering a range of alternatives for farms (size, resources, management, goals, etc.)
- Industry-led sustainability initiatives and goals
- Additional farm product development and markets (RNG, electricity, nutrient products, carbon products, etc.)
- Coordinate with other panels and state agencies to advance implementation of advanced systems
- Measure and monitor progress and benefits over time
Bioenergy Discussion on December 16

- Included Waste Panel members and outside experts
- Presentations on In-state Feedstock Potential
  - Manure management
  - Perennial biomass crops
  - Biosolids from wastewater processing
  - Organics in Municipal Solid Waste
- Key Takeaways
  - In-state biofuels are a limited opportunity
  - Biogas from methane sources needs to be considered alongside alternative management strategies (emissions, cost)
    - Avoiding leakage and minimizing co-pollutants are key
  - Energy crops require careful consideration of land use trade-offs
    - Focused discussion on land use issues would be valuable

Next meeting on bioenergy end-use is January 26

- Transportation, Housing and Energy Efficiency, Power Generation, Energy Intensive and Trade Exposed Industries Panels and outside experts have been invited
> Improved Forest Management-Actions to increase carbon sequestration in existing New York forests
  • Focused primarily on increasing adoption of improved forestry practices by private forest landowners using tax incentives
  • Two meetings focused on recommending statutory changes to current tax abatement program, 480a, that would allow landowners to manage their lands for increased carbon sequestration.
    - Measuring success or additionality
    - Decreasing the fiscal impact on local municipalities
    - How do we get widespread adoption?
  • Drafting program recommendations for sub-group review
  • Future meetings will focus on other recommendations such as afforestation, forest stewardship, etc

Enabling Initiatives
  • Increasing state funding to maintain and upgrade the “Natural Carbon Sequestration Machine”
  • Support research and development of “NYS Approved Forest Carbon Practices”
  • Workforce development training for resource professionals
  • Others
Agriculture and Forestry Advisory Panel Land Conversions Subgroup

> **Avoided Conversion** – Preventing conversion of agriculture and forest land to other land uses.

- Focused on increasing conservation of forests and farms through conservation easements and fee acquisition by government and non-profit organizations
- Focused on tax policies such as Forest Tax Law, Agricultural Districts Law and other incentives
- Focused on land access including intergenerational transfer, new, beginning and BIPOC farmers

**Enabling Initiatives**
- Local government planning and zoning; smart growth
- Community Protection Acts
Recommendation Template
Agriculture and Forestry Advisory Panel Recommendations Template

> Final work product of the Advisory Panel
  • Powerpoint slide template to be provided by the CAC
> Guidance document to assist with populating the template
> Summary of recommendations and total expected emissions reductions
  • Detailed information on individual recommendations
> Three types of recommendations:
  • Mitigation Strategy
  • Enabling Initiatives
  • Adaptation and Resilience
> Benefits and Impacts
  • Disadvantaged communities
  • Health and environmental benefits
  • Business and workforce
Open Discussion on the state of progress
Next Steps:

Public Engagement Meeting

January 27\textsuperscript{th}, 2021 (2-4pm)
Next Steps: Hold Meeting focused on Equity Considerations
Next Meeting Date:
Thursday, February 4th, 1pm
Thank you