

# **Maryland Commission on Climate Change**

## **Mitigation Working Group**

### Outline of MWG Contribution to MCCC 2016 Report

*September 26, 2016*

#### **1. 25 by 20 Update**

- (a) Background on the Topic
  - Identified as a priority in the MCCC 2015 Report and part of the MWG 2016 Work Plan
- (b) Status Report
- (c) Recommended Enhancements
  - To support deeper reductions by 2020

#### **2. 40 by 30 Status Report**

- (a) Background on the Topic
  - New benchmark in the GGRA of 2016: 40% reduction by 2030
- (b) Status Report – what do we know?
  - Many current programs will continue to generate reductions
  - Bounding estimated reductions
- (c) 2017 Plans
  - Research by MDE, other State agencies, and MWG
  - Stakeholder meetings

#### **3. Methane Emissions**

- (a) Background on Topic
  - Identified as a priority in the MCCC 2015 Report and included in the 2016 MWG Work Plan as a priority
  - What we learned (three meetings)
    - Technical Briefing
- (b) Updated MDE regulations?
  - Landfills
  - Compressor Stations
  - Waste Water Treatment Plants
- (c) Recommendations
  - In-state emissions
    - MDE's updated regulations on 'priority sources' (landfills, compressor stations, WWTP)
    - Potential actions on other sources (agriculture, etc.)
  - Upstream Emissions
  - Hydraulic Fracturing
  - Emissions Inventory

#### **4. Enhanced Economic Analysis/Social Equity Issues**

##### (a) Background on Topic

- Identified as a priority in the MCCC 2015 Report and included in the 2016 MWG Work Plan
- What do we know?
  - Information from April and July meetings
  - Results from MDE's economic and equity analysis (RESI and RFF)
- Sought advice from CEJSC on communities throughout the state that may need enhanced outreach
  - CEJSC recommends Prince George's County (Brandywine) and the Eastern Shore (location TBD) for enhanced outreach
  - Each area is facing an overburden of pollution, and is vulnerable to climate change (Brandywine with gas fired power plants, surface mining operations, and truck traffic; and the Eastern Shore with nitrogen and phosphorous pollution from the poultry industry)
  - Vulnerability can be defined as the likelihood of exposure to climate change impacts (such as increased flooding and sea-level rise) and/or the ability to respond to these events based on socioeconomic status

##### (b) Plans for 2017

- Small task force being formed in the MWG to address other potential efforts
- Additional work from MDE with RESI/RFF
- Stakeholder Meetings
- Coordination with the MCCC's ECO working group on enhanced outreach

#### **5. Electric and Other Zero Emission Vehicle Initiatives**

##### (a) Background on the Topic

- Identified as a priority in the MCCC 2015 Report

##### (b) Status Updates

- MEA/MDOT fast charger installations (completed end of 2016) and other updates
  - Electric Vehicle Infrastructure Council (EVIC)
  - FAST Act Corridor (interstate charging infrastructure)
- MEA rebates for EV and infrastructure to be reinstated 2017

##### (c) Recommendations