



# Update on Greenhouse Gas and Carbon Mitigation Workgroup



Tad Aburn (MDE), Brian Hug (MDE), MDE and Malcolm Woolf (MEA)

August 15<sup>th</sup>, 2007



- First Meeting on July 27<sup>th</sup>
- The process
- Inventories and targets
- Setting up Technical Working Groups
- Next Steps



# First Workgroup Meeting

- Update on current Maryland actions from MDE and MEA
  - Very active and engaged group
- Preliminary MD Greenhouse Gas Inventory and Forecast
- Discussion of process, technical workgroups, meetings, etc.
  - Formation of Technical Work Groups
- Brief discussion of GHG reduction goals and targets in other states



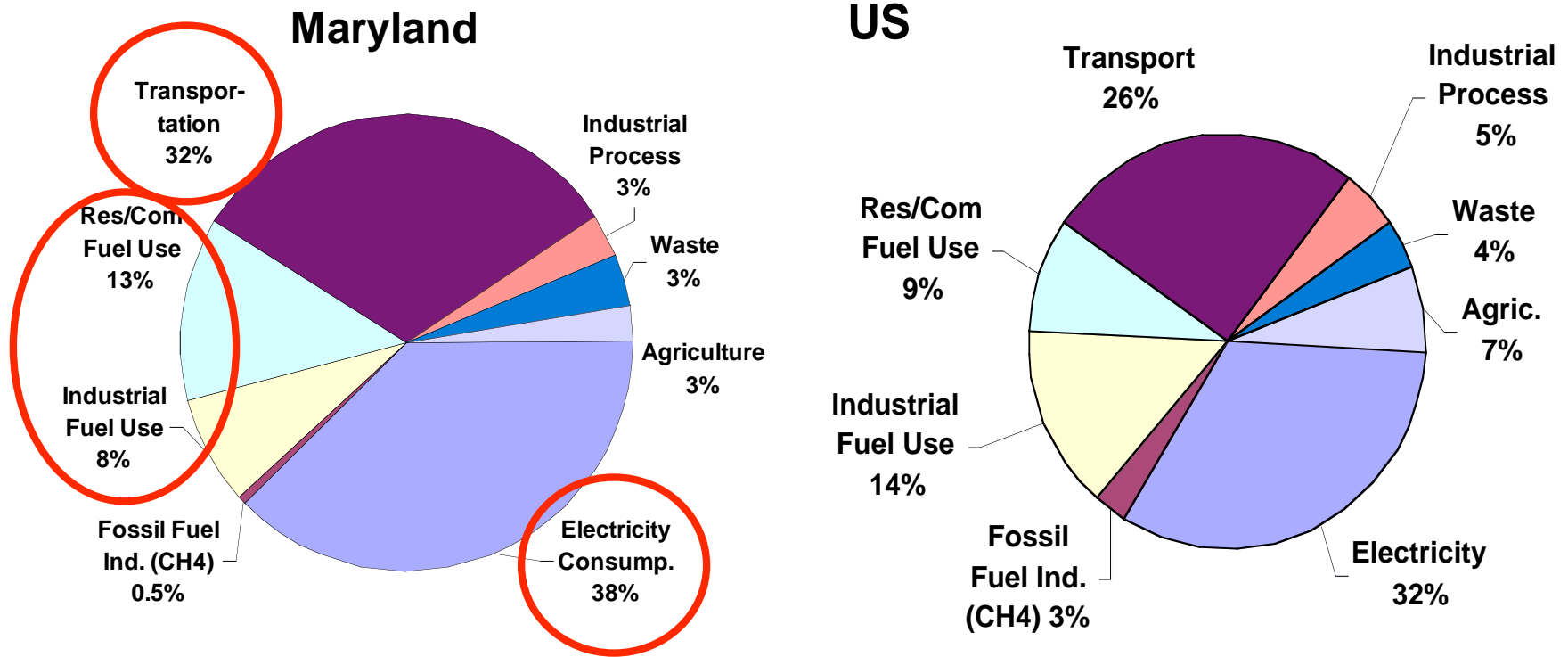
# Stepwise Planning Process

- Develop Inventory and forecast of GHG emissions
- Identify a full range of possible actions
- Identify initial priorities for analysis
- Develop straw proposals
- Quantify GHG reductions and costs/savings
- Identify and address issues
- Iterate, iterate, iterate
- Finalize and report recommendations



# Preliminary Maryland Inventory

## Gross GHG Emissions By Sector



Year 2000 Data

# Technical Workgroups (TWGs)

- Five TWGs
  - Energy supply
  - Commercial, industrial and residential strategies
  - Transportation
  - Agriculture, forestry and waste
  - Cross cutting issues
- Very focused technical analysis
  - Inventories, options, strategies, costs, benefits, implementation, etc.
- Provides input to the Mitigation Workgroup
  - To support November 2007 and April 2008 reports





# Setting GHG Reduction Targets <sup>7</sup>

State	1990-2020 GHG Forecast	State Goals	Climate Plan Coverage
Arizona	144%	2000 levels by 2020; 50% below by 2040	106%
California	40%	E.O.: 2000 level by 2010; 1990 by 2020; 80% by 2050 AB-32: 1990 levels by 2020	100%
Colorado	81%	?	TBD
Connecticut	32%	1990 level by 2010; 10% below by 2020; 75% by 2050	100%
Florida	?	2000 level by 2017; 1990 level by 2025; 80% below 1990 by 2050	?
Massachusetts	?	1990 level by 2010; 10% below by 2020; 75% by 2050	?
Maine	34%	1990 level by 2010; 10% below by 2020; 75% by 2050	100%
Maryland	5		TBD
Minnesota	4		TBD
Montana	31%	1990 level by 2020; 80% below by 2050 (consumption & production)	89%-105%
North Carolina	113%	?	TBD
NEG/ECP	?	1990 level by 2010; 10% below by 2020; 75-85% ultimately	TBD
New Jersey	?	E.O. 54: 1990 level by 2020; 80% below 2006 levels by 2050	TBD
New Mexico	65%	2000 level by 2012; 10% below by 2020; 75% below by 2050	133%
New York	24%	5% below 1990 by 2010	?
Oregon	52%	1990 level by 2010; 10% below by 2020; 75% by 2100	85%
Puget Sound	37%	1990 level by 2010; 10% below by 2020; 75% by 2100	100%
Rhode Island	35%	1990 level by 2010; 10% below by 2020; 75% by 2050	100%
Vermont	26-59%	25% below 1990 levels by 2012; 50% below 1990 by 2028; 75% by 2050	TBD
Washington	40%	E.O.: 1990 levels by 2020; 25% below 1990 by 2035; 50% below 1990 by 2050	TBD
WCI	54%	- TBD	TBD

MORE LATER

# Next Steps

- Set up has begun on the TWGs
  - Members provided preferences as part of the July 27 meeting
  - MDE working to finalize rosters
- CCS has begun the process of setting up calls/meetings for each TWG
- Next Workgroup Meeting is set for September 7<sup>th</sup> @MDE





# Questions?

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