

# Handout #5

## Maryland Commission on Climate Change

### Mitigation Working Group Meeting #2

### Outside Resource Summary

## Outside Support for GGRA/ Climate Commission Report

### RESI (MDE Funded)

#### **Impact Analysis of the Greenhouse Gas Reduction Act of 2009 on the Manufacturing Industry in Maryland**

Regional Economic Studies Institute (RESI) will complete an impact analysis of the policies/ programs from the *Greenhouse Gas Emissions Reduction Act (GGRA) 2012 Plan* on Maryland's manufacturing industry. RESI employed the REMI PI+ model using agency level data collected for the GGRA report to determine the impact on Maryland's Manufacturing industry. In this report, RESI will assume that all GGRA initiatives were implemented and results are reported for the Manufacturing industry by the four-digit North American Industry Classification System (NAICS) codes.

#### **Economic Impact Analysis Revision for the Greenhouse Gas Emissions Reduction Act 2012 Plan**

This report is a refinement of RESI's 2013 results, taking into account the short-term job creation, economic activity, and wage effects from these many strategies and potential enhancements of some programs. The 2013 report was a preliminary analysis of the potential economic impacts of mitigation strategies for the 2012 GGRA report. During this refinement, RESI used a dynamic model known as the REMI model PI+ to assist in determining cumulative benefits and annual impacts to the region. This model allowed RESI to review the interactions among agencies within the region from the strategies and changes that would result from the interaction of those agencies.

### NEASCUM (MDE Funded)

#### **Multiple Pollutant Benefit of GGRA Programs**

This report looks at the co-benefits of non-GHG pollutants from the GGRA programs. The analysis uses NE-MARKAL to model all inputs and outputs on an energy basis.

## **University Of Maryland**

UMD will take the results from NEASCUM and converts the results into a format that allows them to run a photo-chemical air quality model. This allows the results to be used to show estimations in the improvement to air quality for Maryland.

## **TOWN CREEK FUNDED ASSISTANCE**

### **Georgetown Climate Center**

Research and analysis by the Georgetown Climate Center on emissions reductions and other environmental and economic co-benefits, and on policy options to achieve greater emissions reductions.

### **CCES**

Research and analysis by the Center for Climate and Energy Solutions on the costs of climate impacts in Maryland, the status of Maryland's plans and strategies when compared with the plans and strategies adopted in other states, and the best methodological approaches for ongoing policy tracking and progress evaluation.

### **Hatcher Group**

Writing, design, and outreach support from The Hatcher Group to insure the delivery of a report and recommendations that are clear, comprehensive, and compelling.

### **David Costello**

Facilitation and troubleshooting support from David Costello to insure that these resources are integrated and coordinated in an efficient and effective way to meet the Commission's needs and produce the best possible product.