

# Briefing Materials for Energy Environment Subgroup Meeting

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**22 JURISDICTIONS 5+ MILLION PEOPLE 300 ELECTED OFFICIALS**

# MSWG - OUTCOMES

1. Assessment of viable, multi-sector GHG reduction strategies:
  - a) By sector (Energy, Transportation, Land Use, Built Environment)
  - b) With an estimate of Cost-effectiveness
  - c) Quantitative/Qualitative analysis of Co-benefits
    1. Other sectors
    2. Other pollutants
  - d) Potential implementation timeframes
2. *“What We Can Do Report” – Regional GHG Reduction Goals*
3. Report on exploration of GHG reduction targets, measures, and/or goals for the four sectors
4. Joint Action plan (various Policy Boards)



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# PROPOSED MSWG SCHEDULE

## January 2015

- ✓ Establish and Convene working group – Jan. 30

## February- April

- Subgroups meet: Identify Strategies and Co-benefits for Analysis
- Public Input

## May - June

- 2<sup>nd</sup> MSWG Meeting -- May 8 -- review strategies, analysis and methodologies
- Technical analyses of identified multi-sector strategies
- Subgroups meet: review consultant evaluations
- Consultant drafts interim report

## July - August

- 3<sup>rd</sup> MSWG Meeting – July 31 -- review findings and interim report

## September - October

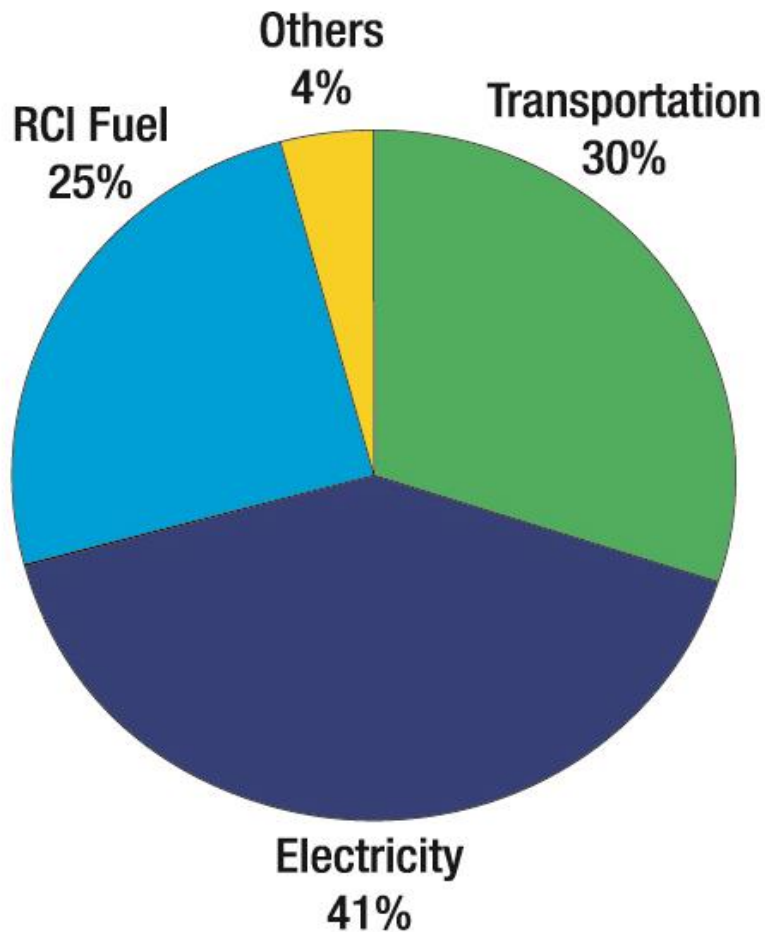
- 4<sup>th</sup> MSWG Meeting – Sept. 25 –explore goals, targets by sector
- Interim report to COG Board, TPB, MWAQC, CEEPC

## November - December

- Consultant prepares draft final report
- Public Input
- Report to Policy Committees, TPB, MWAQC

**January 2016:** Final report to COG Board

# 2005 MWCOCG Greenhouse Gas Emissions Inventory



**Total – 74 million metric tons in 2005**

**Per Capita = ~ 15 metric tons per capita/year**

RCI Fuel =Residential, Commercial, Industrial fuels



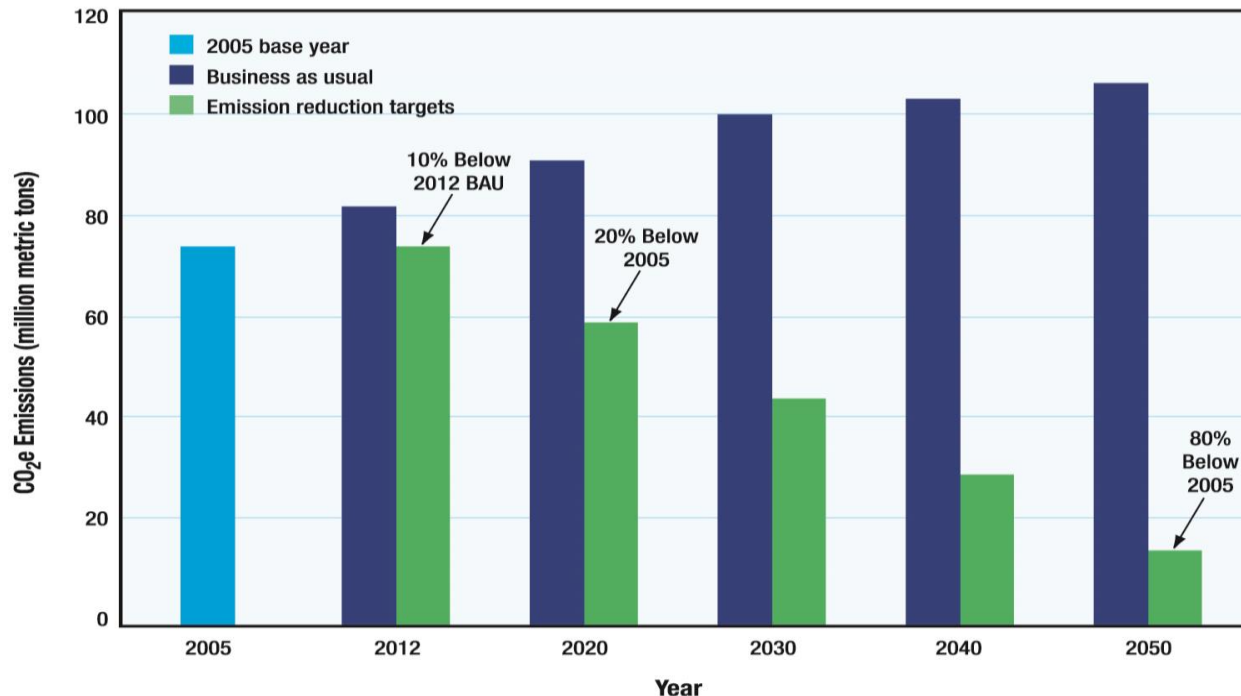
# Adopted Regional Reduction Goals

**2012: Return to 2005 Levels**

**2020: 20% Below 2005**

**2050: 80% Below 2005**

**Recommended Regional Greenhouse Gas Emission Reduction Targets Compared to Regional Greenhouse Gas Emissions Under BAU: 2005–2050**



## COG Targets

- 2012: 10% below BAU
- 2020: 20% below 2005 levels
- 2050: 80% below 2005 levels

# Regional Strategy Brainstorm

## Instructions

- Focus on broad strategies but be inclusive
- Strategies must have potential to reduce GHGs
- Include state, local, regional, national, or other responsibility
- Focus on this subgroup sector but OK to include strategies that are synergistic or apply to other sectors
- Think REGIONALLY
  - Think BIG: achievable to stretch
  - Strategies or measures at policy-level, program-level (but not specific projects)
- Consider what might carry Co-BENEFITS



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