

# 2016 AQMP Status Update and AQMP Baseline

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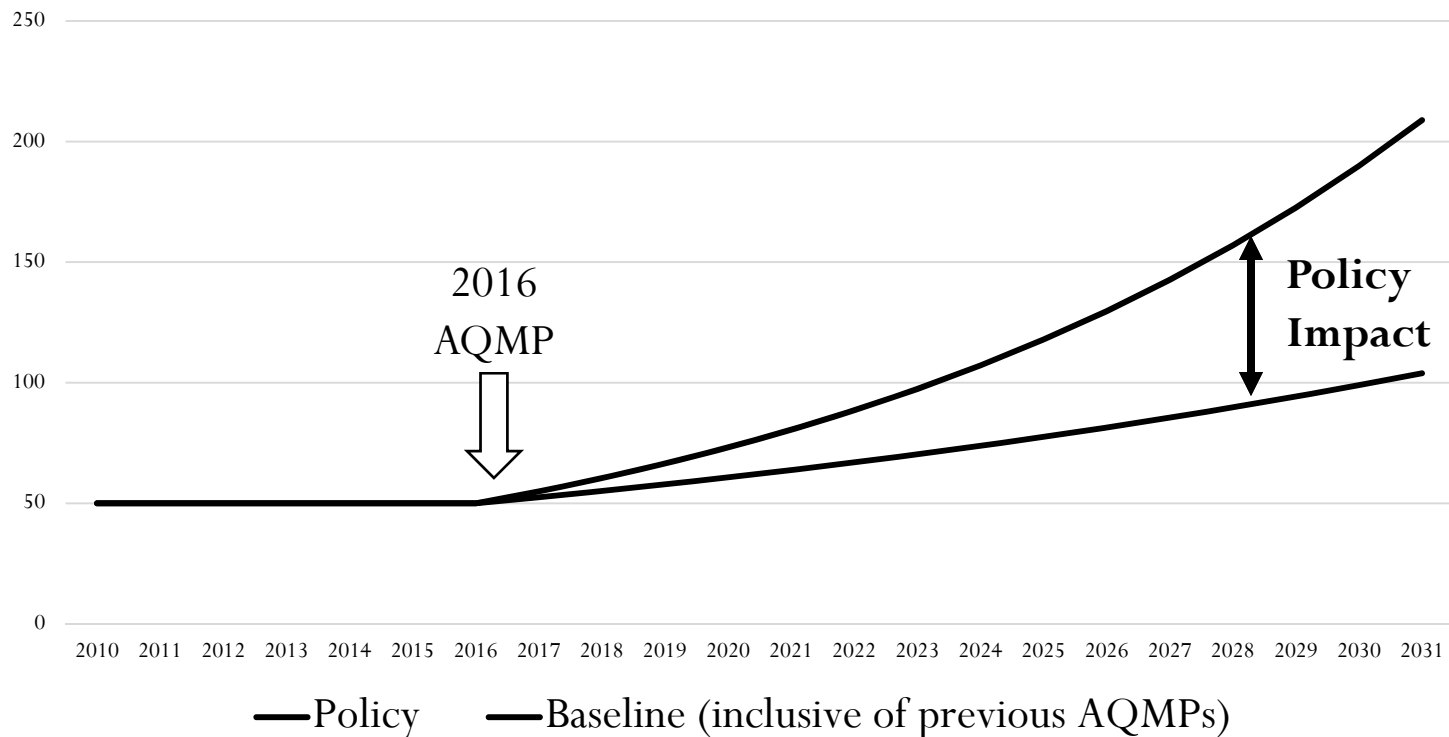
**March 16, 2016**

# 2016 AQMP Updates

- Preliminary draft control strategies under internal review
  - Seeking upcoming release
  - Next AQMP Advisory meeting within 2 weeks of release
- Draft versions of the chapters/appendices being prepared
- Release of Draft 2016 AQMP: TBA
- Release of Preliminary Draft Socioeconomic Assessment: approximately one month after the release of Draft 2016 AQMP

# Why Baseline?

- Importance of a clearly defined and consistent baseline –
  - Policy impact assessment: difference between projected outcomes under *policy* and *baseline* scenarios



Note: This graph was made for illustrative purpose only.

# Abt Recommendation on Baseline

## Key Recommendations



- Redouble effort to better define baseline and policy scenarios for regulations.
  - If TCMs are considered in the baseline
  - If SIP-committed TCMs are incorporated as part of AQMP
  - Use baseline definition consistently across the assessment

Dr. Jin Huang's Presentation at the November 7, 2014 SCAQMD Governing Board Meeting  
Source: Abt Associates.

# AQMP Baseline

- SCAG growth forecast used to guide the development of the 2016 RTP/SCS, which has been treated as in the air quality modeling baseline of AQMP
- Baseline emissions inventory has been using SCAG growth forecast data as growth surrogates
- Air quality improvement projected in AQMP do not overlap with any emission reduction benefits attributable to RTP/SCS
  - Also exclude emission reductions reported by SCAG in Appendix IV-C: “Regional Transportation Strategy and Control Measures”

# Implications on Socioecon Assessment

## Benefits

- Public health benefits reflect projected air quality improvement attributable to AQMP control strategies
  - Quantified benefits will capture only a portion of the total
- Other air quality related benefits (e.g., visibility, agriculture, material) will be discussed but not quantified
  - Literature & methodology updates needed per Abt
- Exclude any benefits associated with SCAG's RTP/SCS
  - e.g., SIP-committed TCMs & TCM-type projects

# Implications on Socioecon Assessment

## Costs

- Compliance costs reflect expenditures expected to be incurred due to AQMP control strategies
  - Compliance costs incurred by the potentially affected industries
  - Incentive programs financed by public funds may not be fully counted as costs to the government sector, depending on whether financed by existing revenue sources
- Exclude any costs associated with SCAG's RTP/SCS

# REMI Baseline Adjustment

- The REMI model comes with default baseline demographic and economic forecasts (“control scenario”)
  - May differ from SCAG growth forecasts due to different data sources and methodology
- AQMP socioeconomic assessment has since 1994 adjusted the REMI baseline with SCAG growth forecast of population and employment
  - 1992 MIT audit report recommended further evaluation of the inconsistency between REMI and SCAG forecasts
  - 1994 CCSCE report determined sources of inconsistency
  - Worked with REMI and SCAG for actual adjustments