

**MPO Follow-up Questions**  
**(SBCAG) June 2, 2010**

1. If you were to fully account for the impact of the recession in your region, how would the % reductions in GHG/capita numbers change for each scenario in 2020?  
Unknown, SBCAG analysis of the draft GHG emissions reduction for target setting did not take into account the impact of the recession in our region.
  - In what ways has the economy affected your region (e.g. population, jobs, unemployment, new development, foreclosures, vacancy rates, etc.)?  
Certainly there are economic impacts in our region in terms of slower economic development, higher rates of unemployment and foreclosures. However no economic impact analysis of the recession was conducted by SBCAG.
  - If you have already included the impact of the recession, where is it reflected in your scenario data? No.
2. What factors cause the reductions in 2020 to be different from 2035, and where do they show up in your data?  
The differences are largely due to slower employment and population growth between 2020 and 2035 and greater fleet turnover with cleaner vehicles for 2035. Summary Table III-2 in the SBCAG GHG Emission Reduction Strategies for the SBCAG Region Report (submitted on May 24, 2010) provided the analysis and percentage emissions reduction for 2005, 2020 and 2035 based on with and with Pavley/Low Carbon Fuel Standards.
3. What model improvements or additional policies are you considering that were not used in developing the scenarios?  
The SBCAG model improvements in the near future includes 4D post processing and sketch planning tools development, transit routes system update to 2010, parcel database and land use model development, and other on/off modeling capabilities enhancements. All these improvements are scheduled for completion between now and February 2012.
  - How will they impact the direction and/or magnitude of change?  
It is uncertain at this point.
4. Have the sensitivities of your model changed since the 2009 Model Evaluation Survey conducted for RTAC? If yes, please explain why. (i.e., are you using any new models or postprocessors to develop your scenarios that were not evaluated during the RTAC Survey?)  
No, although SBCAG did incorporate our 2007 Regional Growth Forecast into our travel model and this forecasts a slower rate of growth than the prior forecast.
5. Did you add or remove any transportation projects in your scenarios? If so, what type of projects? No.
6. Any new differences of model results from the existing adopted RTP? (Additional questions from the MPO Planning Group Meeting on June 1, 2010)  
The existing adopted 2009RTP was based on the 2002 Regional Growth Forecast. The latest model forecasts for the GHG Target Setting analysis was based on the 2007 Regional Growth Forecast. The latter indicates much less economic growth over the long term (2030 and 2040), particularly in terms of population and employment. Comparison of model results between the two are summarized in the SBCAG submittal letter to ARB on May 24, 2010 and the "Preliminary Analysis of the Alternative GHG Emission Reduction Strategies for the SBCAG Region" Report dated May 6, 2010.