

Draft Air-Quality Related Energy Policy



GOVERNING BOARD MEETING
SEPTEMBER 9, 2011

Background



- 2010 Board Retreat Request for Energy Plan
 - All NO_x from energy use
 - 67%-75% NO_x control needed
 - 90% NO_x emissions from mobile sources
- Discussed further at March Board Meeting (TAO Annual Report)
 - Need an energy policy

The Relationship



**Energy
Use**

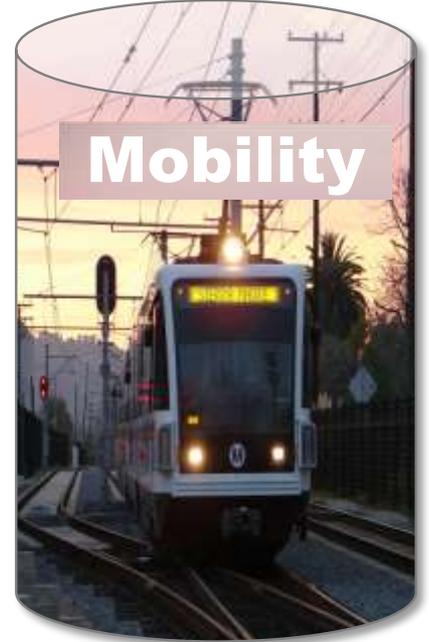
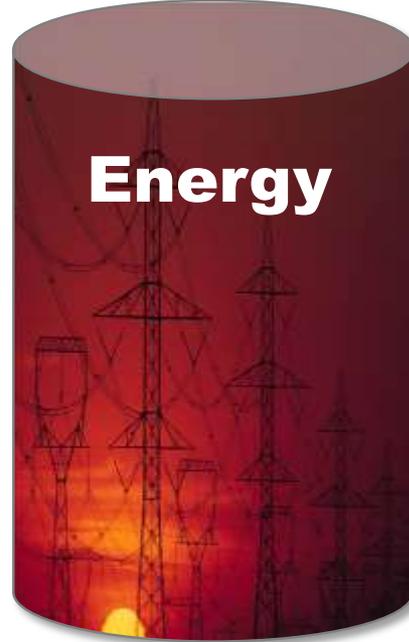
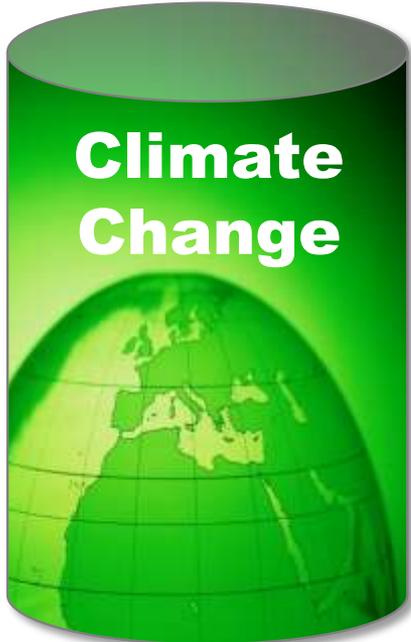
Air Quality

Health

Multiple Issues



Separate Solutions



Integrated Solution



**Climate
Change**



**Air Quality
Improvement
Needs**



**Transportation
& Mobility**



**Energy
Reliability and
Security**



Public Process

- Initial Draft: March 2011
- 7 public meetings
- Over 100 briefings
- Over 140 stakeholders/organizations participated
- 3 Stationary Source Committee meetings





What is the Road Ahead with the AQMD's Energy Policy?





*Continued
Technology
Innovation of
Zero and Near-
Zero
Technologies*





Demand Side Management Programs

Energy Efficiency and Conservation, Load Shifting, Energy Storage



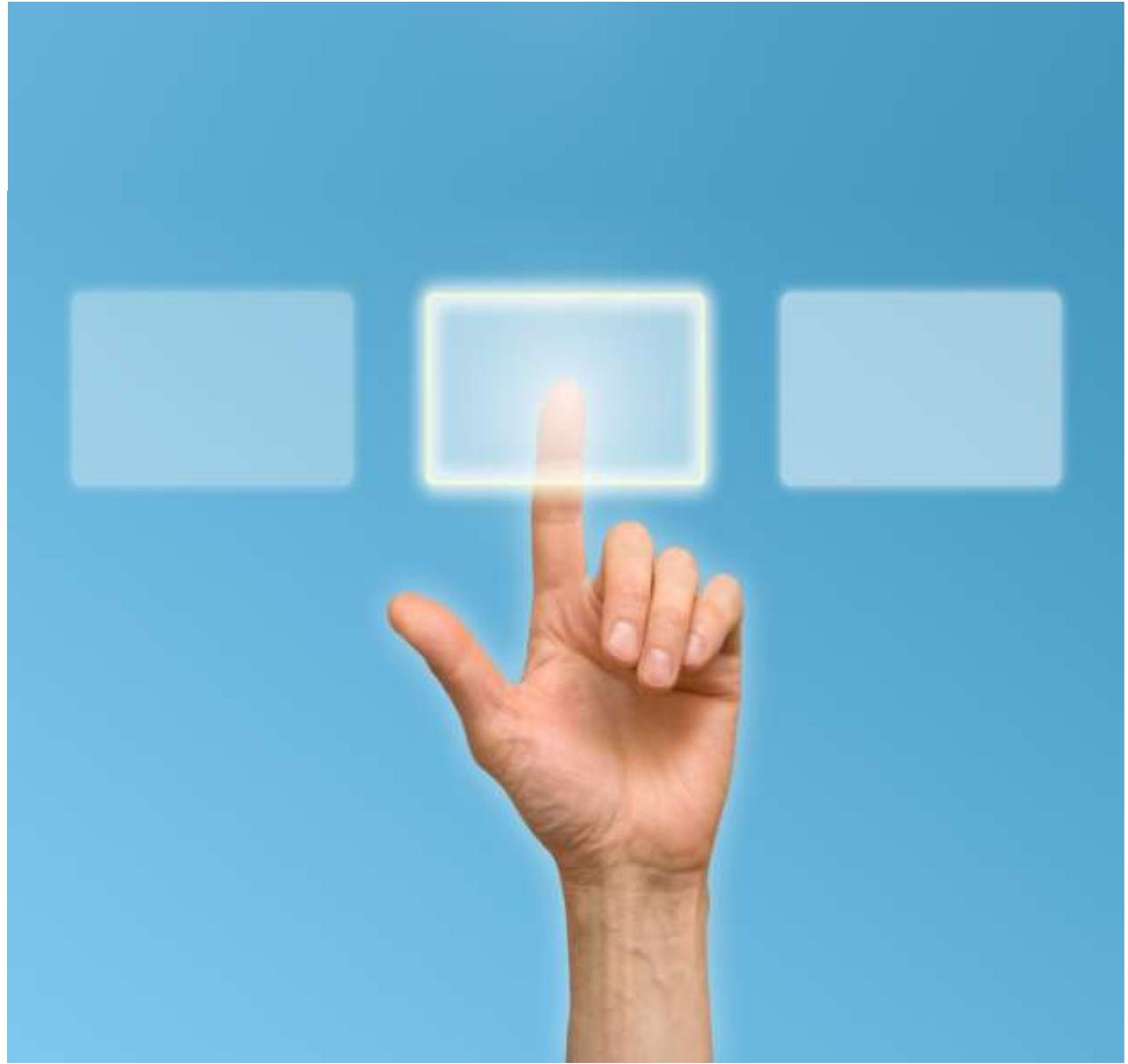


*Renewable,
distributed
generation, and
the cleanest
possible fossil-
fueled
generation*



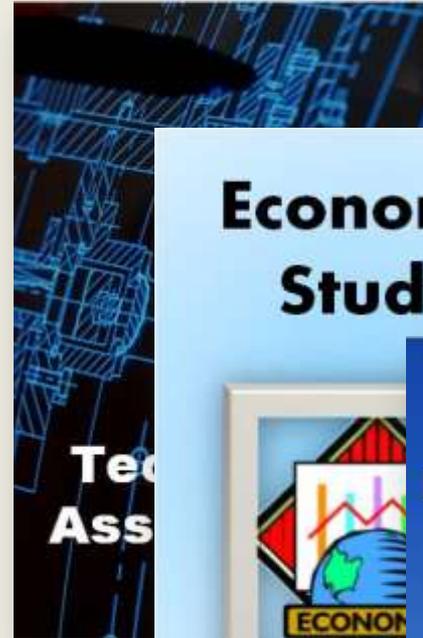


*Outreach and
Education for
Consumers and
Businesses to
Make Informed
Choices*



Key Action Items

- Technical study to identify viable technologies
- Economic study to identify impacts
- Develop implementation plan





All Hands Needed...

***Coordination with Stakeholders and
Other Agencies to Promote Policy Goals***

Remaining Key Issues



- The need for an AQMD energy policy
- Technology/fuel neutral
- Potential socioeconomic impacts

Recommendation



- Approve Draft Policy
- Periodic reports to the Board and Committees

