



AMBAG

ASSOCIATION OF
MONTEREY BAY AREA
GOVERNMENTS



**U.S. –European Conference of
Metropolitan Councils
Alexandria, Virginia
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Nicolas Papadakis

Executive Director

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Monterey Bay Region

18 Cities, 3 Counties

3 RTPAs

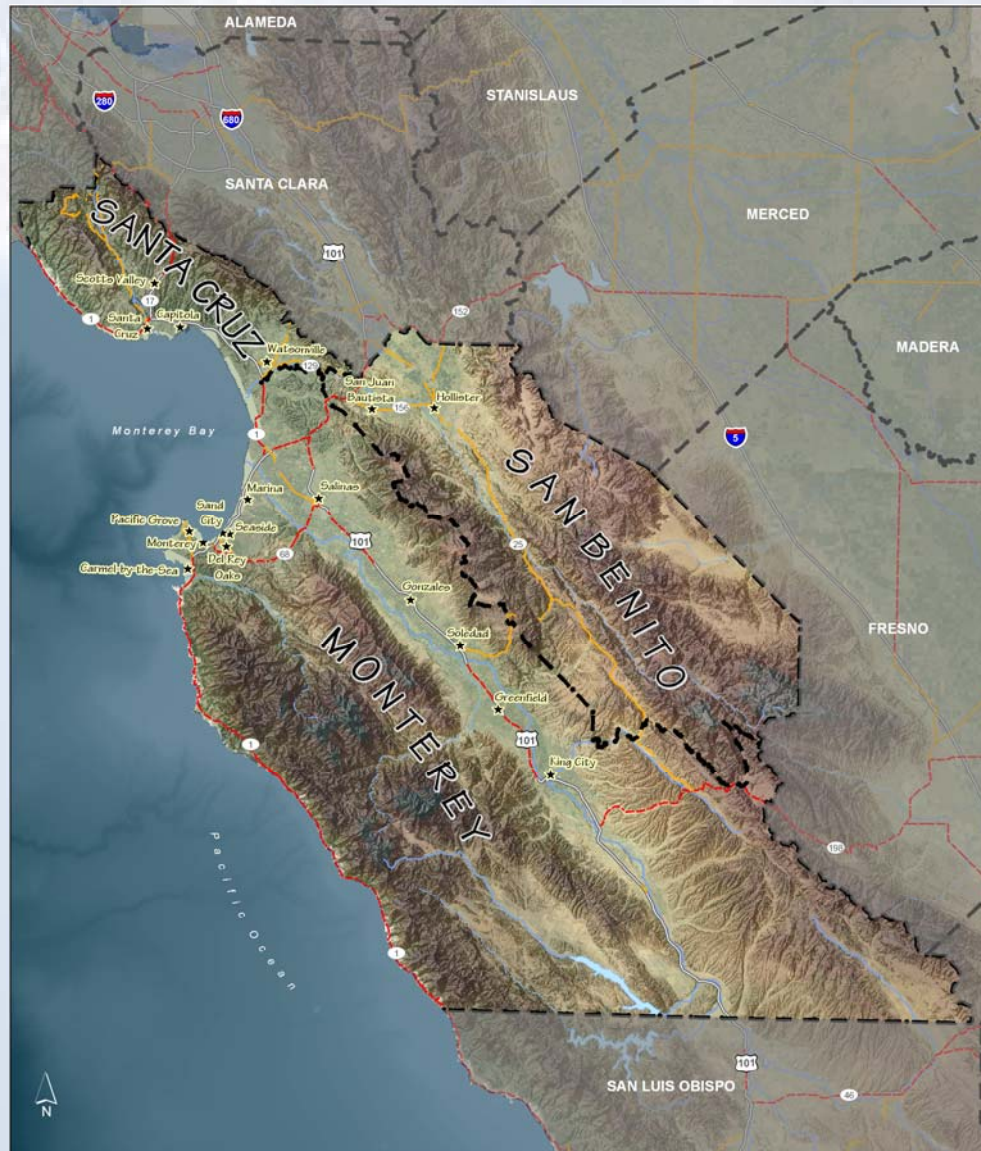
750,000 Population

\$28B Economy

Agriculture

Government

Tourism





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Regional Issues



Population Growth Distribution

Transportation Congestion

Lack of Alternative Transportation Modes

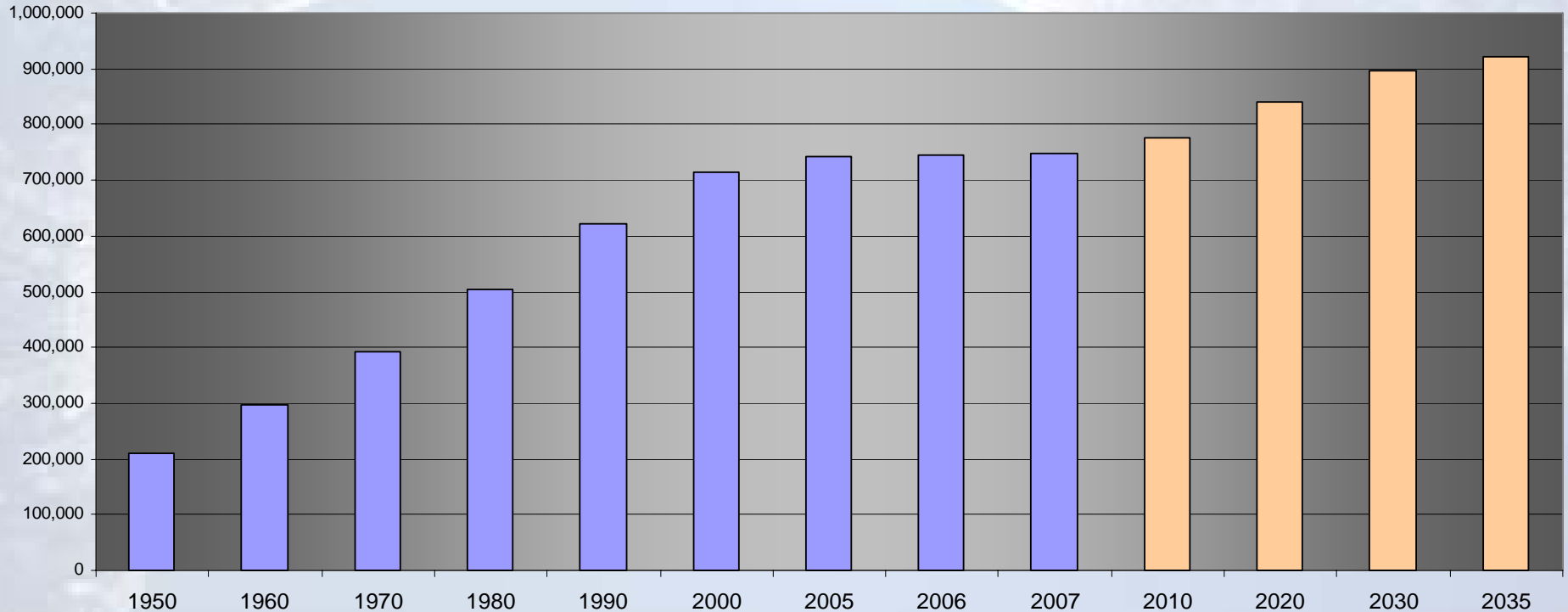
Economic Development

Agriculture/Ecological Land Preservation

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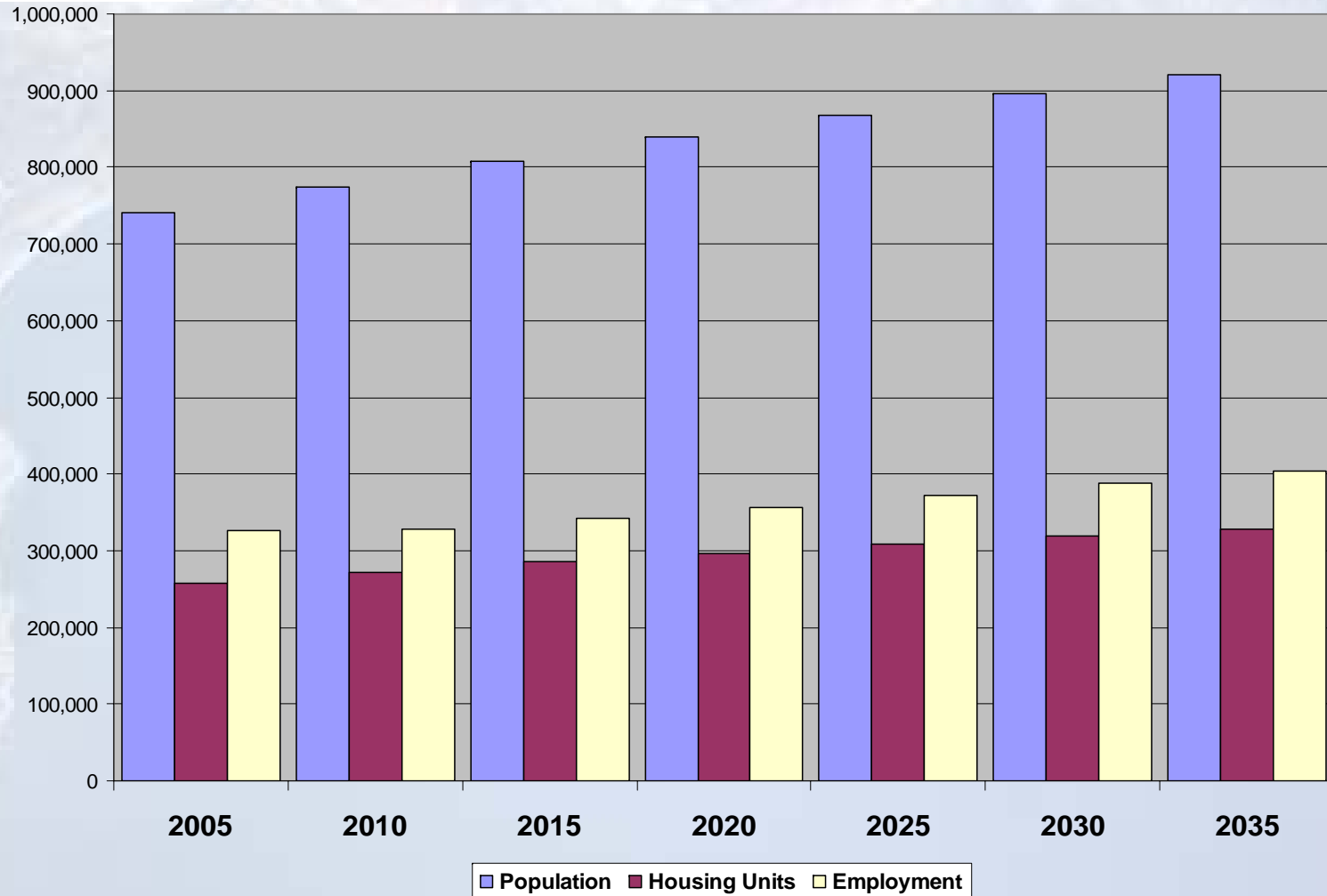
Historic, Present, and Forecast Population For the 3 County AMBAG Region



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AMBAG Regional Forecast



**Monterey Bay
Regional
Energy Plan**

**1. Energy
Info.,
Education,
Capacity
Building**

**2. Energy
Conservation
& Efficiency**

**3. Clean
Renewables &
Distributed
Generation**

**4.
Transportation
Energy**



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Action Steps Already Addressed

Regional Assessments of Local Resources:

Information and training needs
Availability of energy products

Funding, estimate energy savings, assess public facilities:

AMBAG's Energy Watch Program
Elements(2007-09,2009-11)

Assessments of Resources, exceed minimum efficiency standards:

Energy Star Products
Buildings,commercial/residential(old/new)

Assessment of Resources:

Waste-to-energy,solar,wind

Leverage Existing Programs, promote renewable technologies:

Public projects,demos

Regional Assessments of local Resources:

Transportation energy use assessment

Public Information Programs for Conservation:

Transportation Demand Programs,
alternative fuels for fleets,tires,etc

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Green House Gases (GHG) Inventories

Residential,
Agriculture,
Commercial
and others
16%

Power
25%

Industry
24 %

Transportation
35%

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Strategies, Policies & Measures

Federal, State, Regional and Local Policies, Programs and Measures

Regional Energy Watch Program:

- Education / Training
- Residential program
- Small Business-Hospitality Program
- Local Govt./Municipal Facilities
- Marketing
- Information/ Resources Clearing house
- Regional needs driven program Design

- Waste management program By Regional and Local waste Management District/Agencies
- Waste Reduction strategies

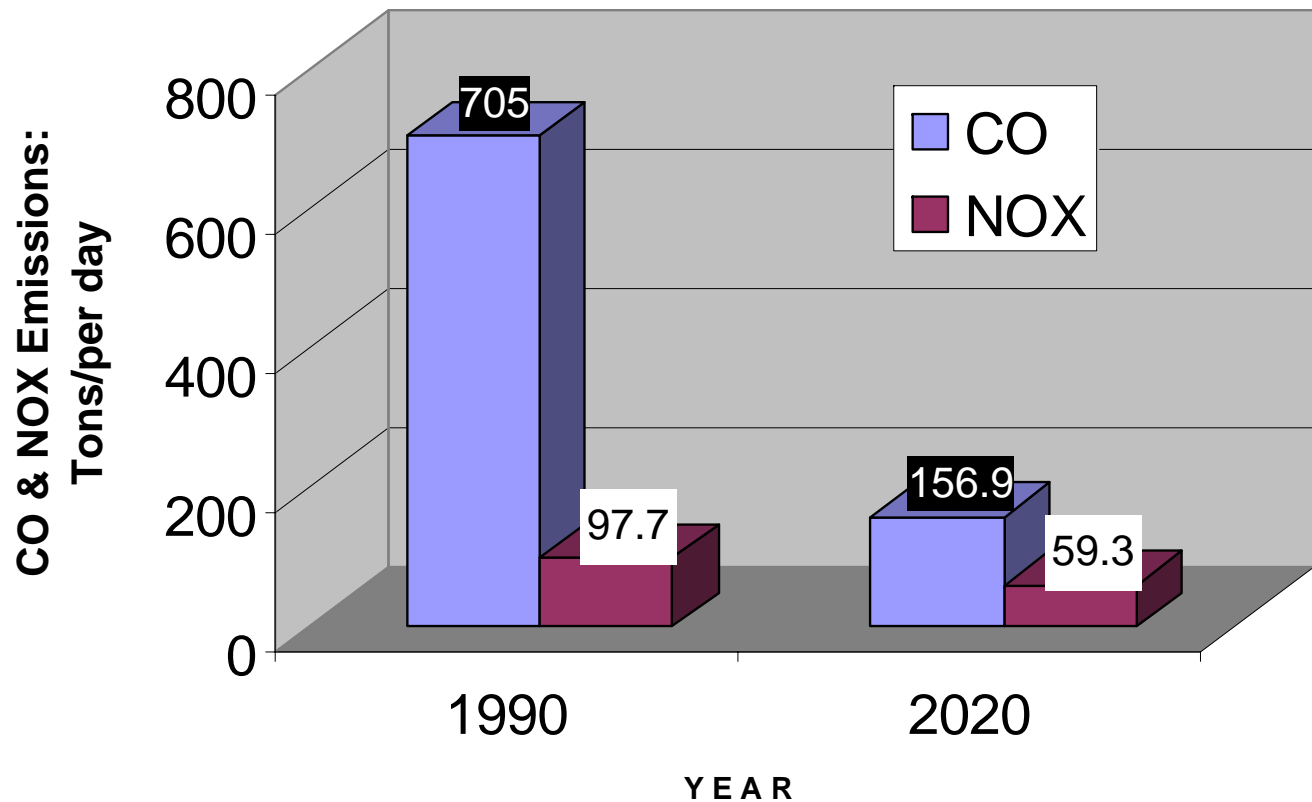
Implement of CAFÉ, Transportation Demand Projects, transportation control measures (reduce air emissions)

Monterey Bay Regional Energy Plan (REP)	REP Action Steps Already Addressed	Green House Gases (GHG) Inventories	Strategies, Policies & Measures
1. Energy Info., Education, Capacity Building	Regional Assessments of local Resources: California Energy Commission (CEC) Grant	Residential, Agriculture, Commercial and others 16%	Implementation of CAFE, Travel Demand Management (TDM), Transportation Control Measures (TCM)
2. Energy Conservation & Efficiency	Funding, count energy savings, Energy Star Products, Assess public facilities: AMBAG's Energy Watch Partnership Program funded by PG&E – 2006 Assessments of Resources, exceed minimum efficiency standards: California Energy Commission (CEC) Grant	Power 25%	Regional Energy Watch Program: <ul style="list-style-type: none"> •Education / Training •Residential program •Small Business-Hospitality Program •Local Govt./Municipal Facilities •Marketing •Information/ Resources Clearing house •Regional needs driven program Design
3. Clean Renewables & Distributed Generation	Assessment of Resources: California Energy Commission (CEC) Grant Leverage Existing Programs, promote renewable technologies: AMBAG Energy Watch Partnership Program	Industry 24 %	<ul style="list-style-type: none"> •Waste management program By Regional and Local waste Management District/Agencies •Waste Reduction strategies
4. Transportation Energy	Regional Assessments of local Resources: California Energy Commission (CEC) Grant Public Information Programs for Conservation: AMBAG's Rideshare Program, also Santa Cruz County's RTC and San Benito COG	Transportation 35%	Federal, State, Regional and Local Policies, Programs and Measures

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CO & NOX Emissions from Mobile Sources: 1990-2020 Monterey Bay Unified Air Pollution Control District, California



Conclusions

1. Planning-Implementation Disconnect
2. Too many programs
3. Not centralized effort
4. Federal/state/regional/local Initiatives
5. Just Do It-Cannot Hurt



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THANKS TO

- Pacific Gas & Electric Co.
- California Energy Commission

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