



BAY AREA | OPEN SPACE COUNCIL



Bay Area Agriculture in a Changing Climate
for San Francisco Planning and Urban Research
16 January 2013
Jenn Fox



Bay Area Open Space Council

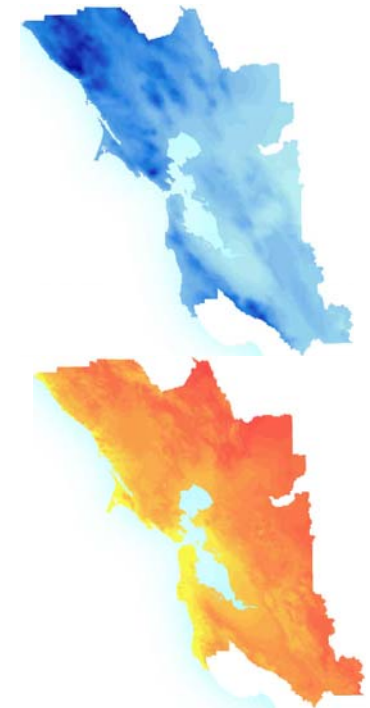
A collaborative of 60 member organizations actively involved in permanently protecting and stewarding important parks, trails and agricultural lands in the ten-county San Francisco Bay Area.





Things are changing

***Bay Area Ecosystems
Climate Change Consortium
www.baeccc.org***





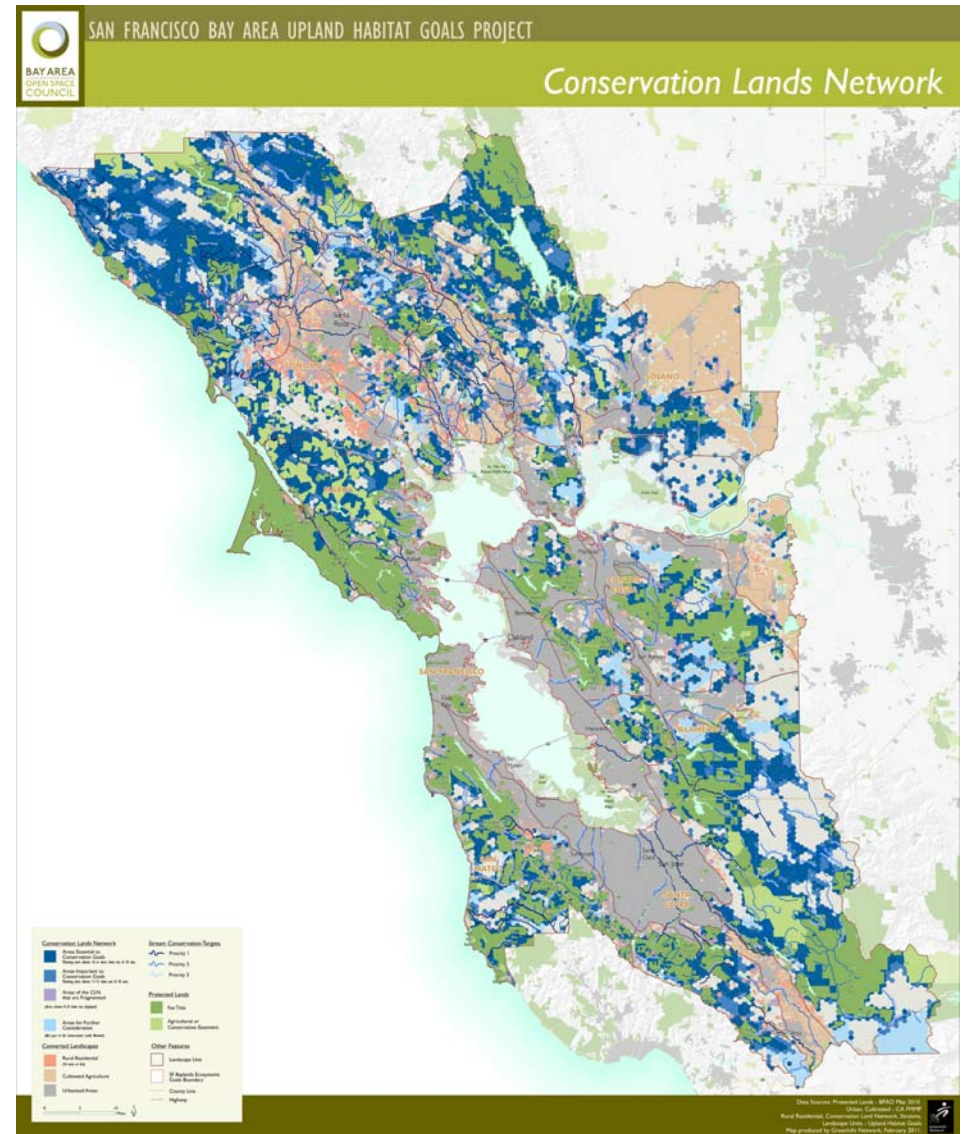
Conservation Lands Network

Adaptation: reduce the risks of and adapt to climate change impacts on the environment

Preserving biodiversity in the Bay Area is about protecting lands spanning broad climate gradients:

- Provide “room to move” in response to climate change
- Enhance potential for vegetation shift and species migration

www.bayarealands.org





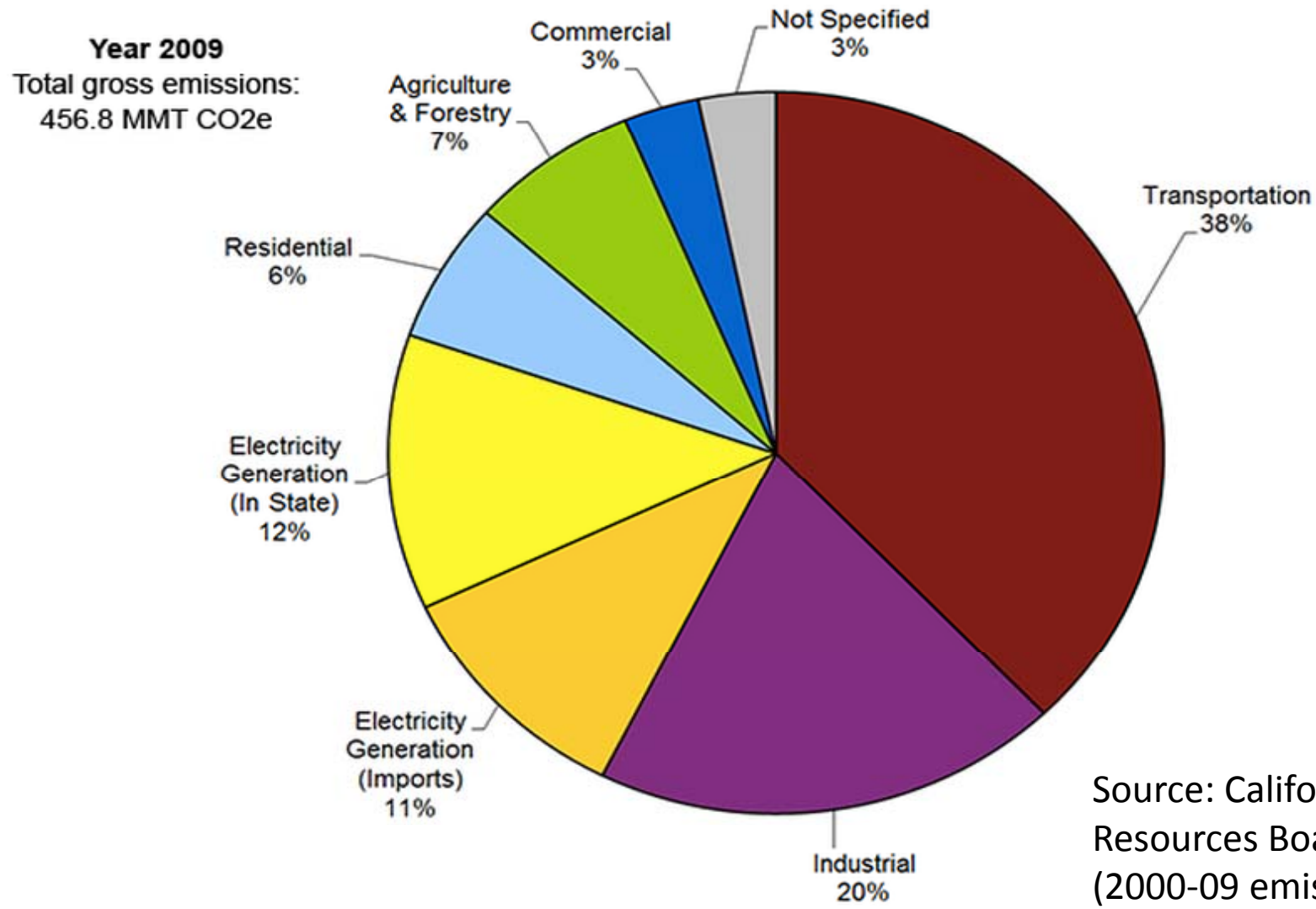
Agricultural lands

Mitigation: reduce greenhouse gas emissions and enhance carbon sinks

- Grow food for our communities
- Provide **ecosystem services**
- Urban growth boundary



The biggest piece of the CA pie



Source: California Air Resources Board (2000-09 emissions inventory)



From science to policy

AB 32 – 2006 – put reduction goal into law

SB 375 – 2008, Steinberg – 18 MPOs:

- set targets for reducing transport emissions
- develop **Sustainable Communities Strategies** as a part of RTPs

Includes state mandated local programs:

- General plan housing elements, rezoning
- CEQA streamlining for smart growth projects
- “some” funding for conservation targets



Efforts to check out

- **Agricultural Land Trusts**, for example:
www.brentwoodaglandtrust.org/
- **Santa Cruz County Conservation Blueprint**
www.landtrustsantacruz.org/blueprint/
- **Marin Carbon Project** marincarbonproject.org
- **Sonoma County Agricultural Preservation and Open Space District**
www.sonomaopenspace.org