



# CLIMATE SMART AGRICULTURE POLICY CALIFORNIA CASE STUDY

**WORLD FOOD CENTER**

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# GLOBAL ALLIANCE FOR CLIMATE SMART AGRICULTURE (GACSA)

<http://www.fao.org/gacsa/>

- Policy provides means to address trade-offs & promote adoption at scale
- Climate specific + other environmental regulations
- Mitigation is political driver in California, but also means to justify public investment in incentives for agriculture

# Policy elements: regulatory

- AB32 + Scoping Plan to coordinate across agencies
- Sustainable Groundwater Management Act
- Water quality: nitrates
- Short lived climate pollutants: dairy sector

# Policy elements: incentives

- Carbon credits
- Farmland conservation
- Water efficiency (SWEEP)
- Ecosystems (NRCS)
- Dairy digesters
- Healthy Soils

# Role of different actors

- Political leadership
- Non-governmental organizations
- Farmer organizations
- Research
- Local governance (water) of policy implementation