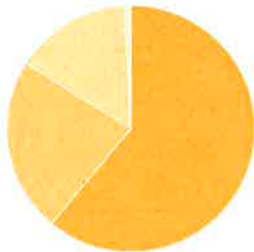
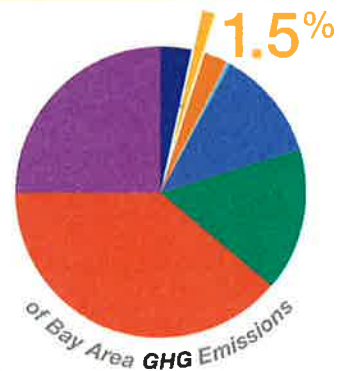


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Projected 2015 GHG Emissions - Agriculture (1.2 MMTCO₂e)



- 61.0% Animal Waste
- 22.9% Soil Management
- 15.3% Agricultural Equipment
- 0.8% Biomass Burning



Reduce Agriculture Emissions

The Air District will reduce particulate matter, volatile organic compounds, methane, and ammonia emissions by working with farmers and local governments to promote best practices in soil management and to reduce emissions from animal waste.

How do we propose to do it?

Improve Soil Management

Work with farmers, conservation districts, state parks to:

- Secure funding for soil sequestration and land preservation/acquisition
- Develop partnerships to reduce costs by implementing technology and best practices on a broad scale

Assist local governments by developing guidance on carbon sequestration and carbon-reducing farming techniques

Reduce Emissions from Agriculture Waste

Encourage and promote new technologies:

- Seek funding for methane digesters and other new technologies
- Explore the feasibility of biogas recovery/anaerobic digester systems

Develop best practices for:

- Implementing dairy digesters
- Animal dietary changes to reduce GHG emissions from digestion

Develop communication programs:

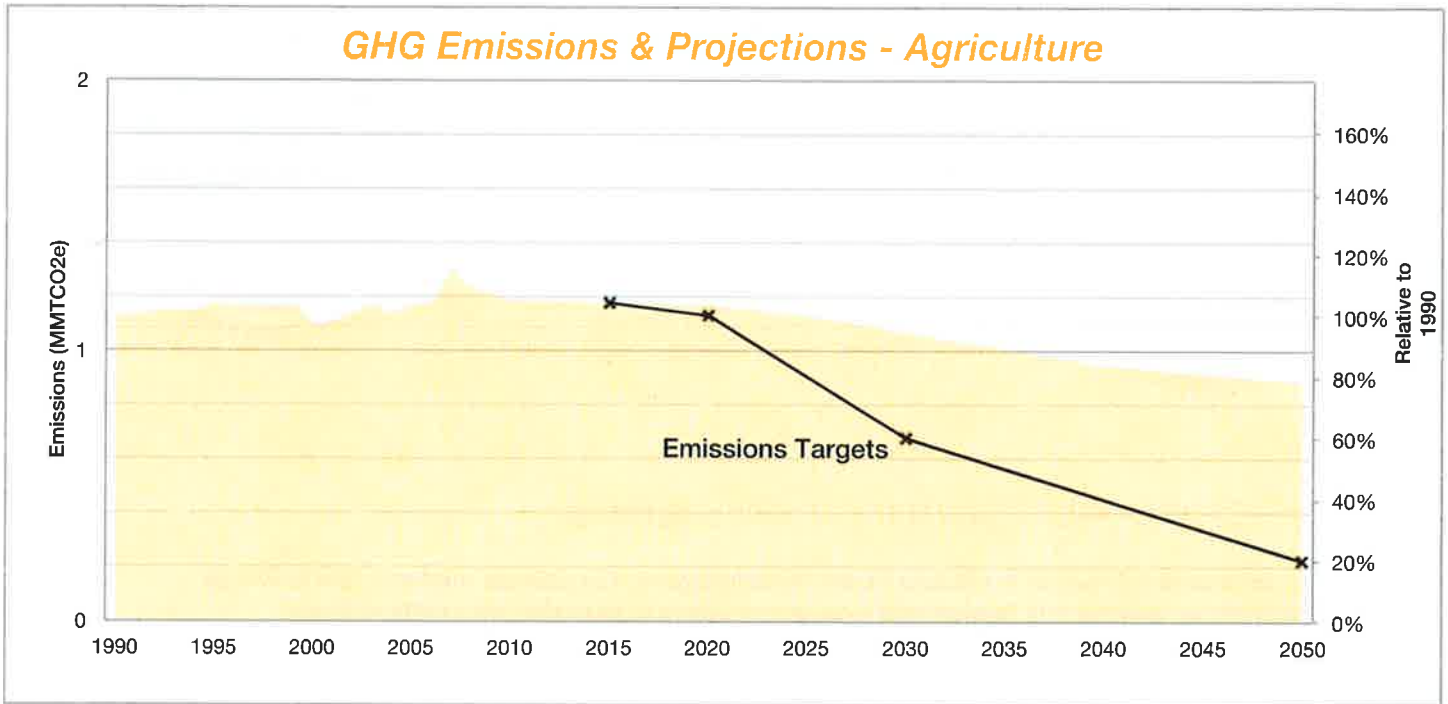
- GHG reduction benefits of switching consumption away from beef and dairy
- Promote anaerobic digester systems and identify barriers to widespread use

Participate in and track progress of California's BioEnergy Interagency Workgroup and Dairy Digester Workgroup



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The graph shows projected trends in Bay Area GHG emissions by sector through year 2050. The projected emissions take into account anticipated emission reductions from policies that have already been adopted at the State or regional level, as well as future policies that are likely to be adopted as an extension of current efforts. The chart also shows the emissions reduction trajectory needed in order to achieve interim (2020 and 2030) and long-range (2050) GHG reduction targets adopted by the State and the Air District.



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