

# Community Greenhouse Gas Emissions Protocol



# Protocol Purpose

- New national standard
- Allow local governments to more easily develop high-quality GHG inventories
- Communicate results

Download protocol:

[www.icleiusa.org/tools/ghg-protocol/community-protocol](http://www.icleiusa.org/tools/ghg-protocol/community-protocol)

# Protocol Development

- Steering Committee and Technical Advisory Committees
  - Local government staff
  - Academics
  - Federal/state agencies
- Recommended by State of California Governor's Office of Planning and Research



# Activities and Sources

<b>Source</b>	<b>Activity</b>
<p>Any physical process inside the jurisdictional boundary that releases GHG emissions into the atmosphere</p>	<p>The use of energy, materials, and/or services by members of the community that result in the creation of GHG emissions.</p>



# Basic Emissions Generating Activities

1. Use of electricity by the community
2. Use of fuel in residential and commercial stationary combustion equipment
3. On-road passenger and freight motor vehicle travel
4. Use of energy in potable water and wastewater treatment and distribution
5. Generation of solid waste by the community



# Regional Data Cooperation

- Transportation (origin-destination emissions or vehicles miles from travel demand model)
- Water and wastewater systems



# Significant Influence Frame

- Ownership
- Operational Control
- Regulatory Authority
- Enforcement
- Budgetary



# Additional Frames

- Community-wide activities
- Household consumption
- In-boundary sources
- Government consumption
- Full consumption-based inventory
- Life cycle emissions of community businesses
- Individual industry sectors
- Create your own story





# Reporting Requirements

- Complete and include the Community GHG Sources and Activities Tracking Tables (Appendix B)
- Include quantified estimates of emissions associated with the five Basic Emissions Generating Activities



# Reporting Requirements

- Include data for each emissions source or activity on a line item basis, and for each include:
  - Activity data
  - Emission factor used (w/ source)
  - Emissions in CO<sub>2</sub>E
  - Accounting method used
- Include community context data (at minimum, total population and households in the inventory year)



# Supporting Resources

- Online training modules (available)
- Online inventory tool
- Updated
  - Inventory instructions
  - Master Data Workbook
  - Report template
- ICLEI staff support

ICLEI membership: [www.icleiusa.org/join/](http://www.icleiusa.org/join/)



# Questions?



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