



West Coast Forum on Climate and Materials Management
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Consumption and the Environment Webinar Series

Addressing Consumption in Greenhouse Gas Inventories
and Climate Action Planning Webinar

ICLEI's U.S. Community Protocol for Accounting and Reporting of Greenhouse Gas Emissions

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U.S. Community Protocol

for Accounting and Reporting
of Greenhouse Gas Emissions



The national standard designed to inspire and guide U.S. local governments to account for and report on greenhouse gas emissions associated with the communities they represent.

Version 1.0
October 2012



Developed by:
ICLEI - Local Governments for Sustainability USA



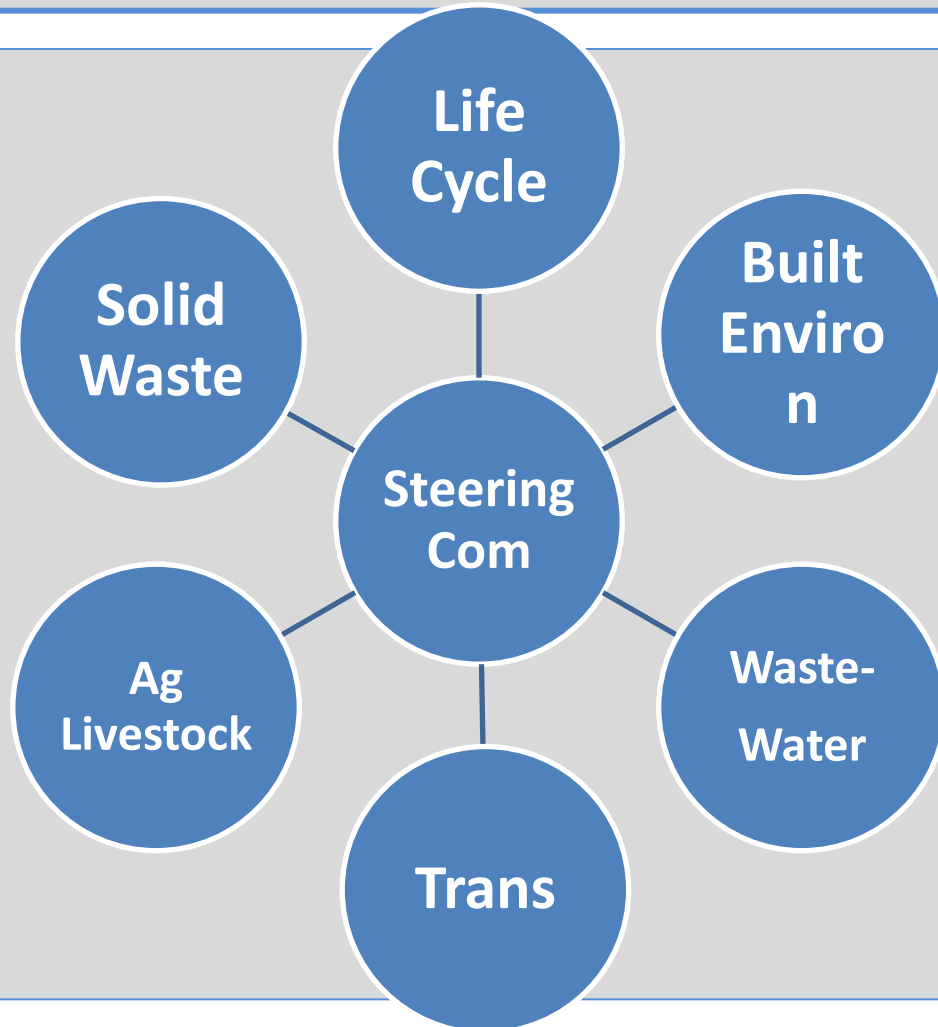
Historical Challenges for Materials In Protocols

- No acknowledgement of materials
- No accounting of materials
- No seat at the climate action table
- Missed opportunities



ICLEI
STAFF

Steering Committee
Five TACs





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Three Areas of Guidance

1. What to count and why to count it
2. How to count—actual data sources and formulas
3. How to report the results and tell the story



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Sources

Closed landfills

Factories

Activities

Purchasing

Recycling



Required Accounting

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 and wastewater treatment and delivery systems
5. Generation of solid waste by community



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Strongly Encouraged Frameworks

1. Significant influence
2. Community-wide activities
3. Household consumption

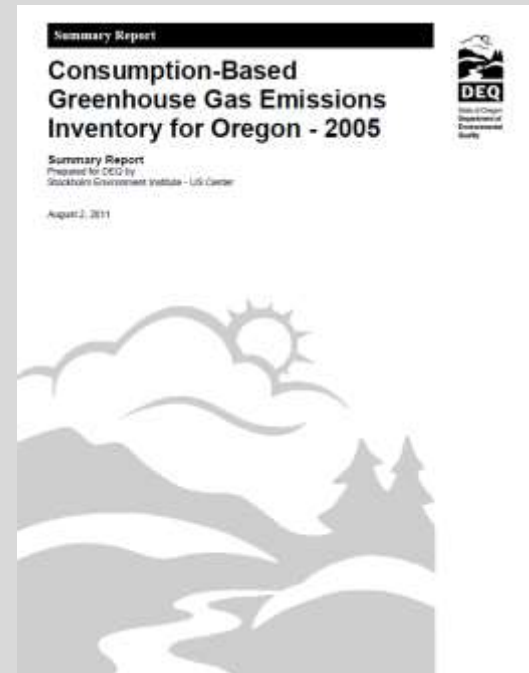


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Additional Frameworks

➤ Full consumption-based
Inventory

➤ [ICLEI Community Protocol document](#)



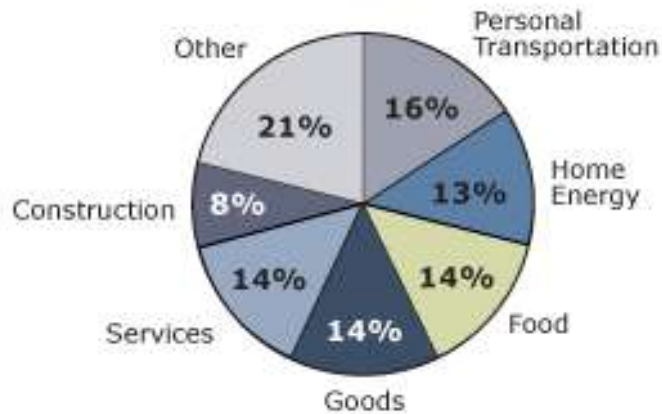


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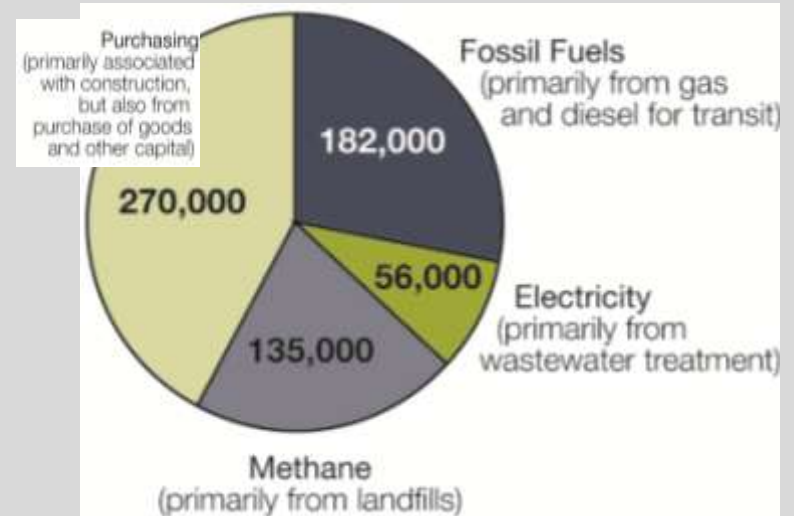
King County Community Greenhouse Gas Emissions

Total: 55 Million Metric Tons CO₂e



Consumption Based Methodology
Local and Global Emissions

King County Operational GHG Emissions





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Additional Resources

Appendices

- Solid Waste Emission Activities & Sources
- Accounting for Trans-boundary Community-wide Supply-chains
- Consumption-Based Emission Activities & Sources

EPA's WaRM Tool



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