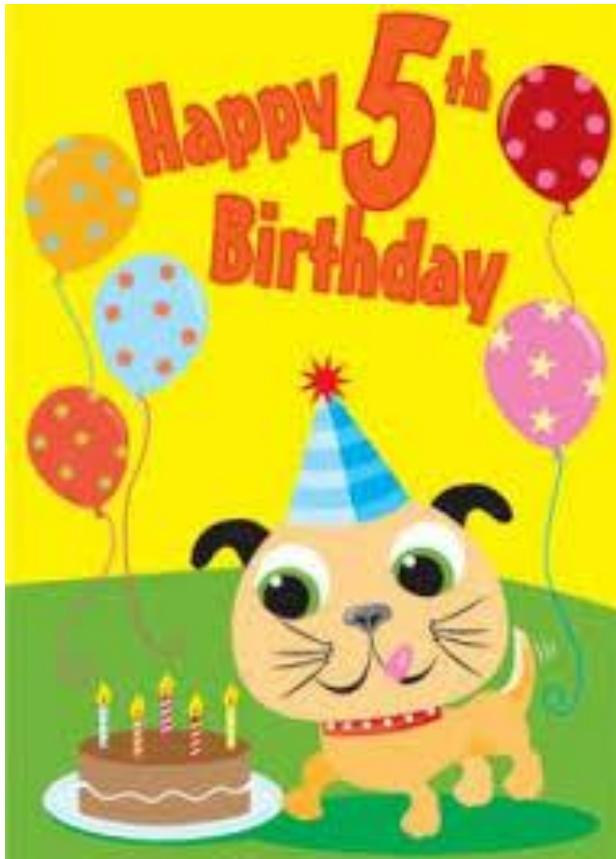


The Forum at Five Years – Advancements in Sustainable Materials Management



The West Coast Climate & Materials Management Forum

Managing Materials to Address a Changing Climate



January 14, 2014

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Forum Workgroups (2008)

- Communications and Outreach
- Materials Management (“low hanging fruit”)
- Product Stewardship
- Inventories
- Research





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Forum Webinars

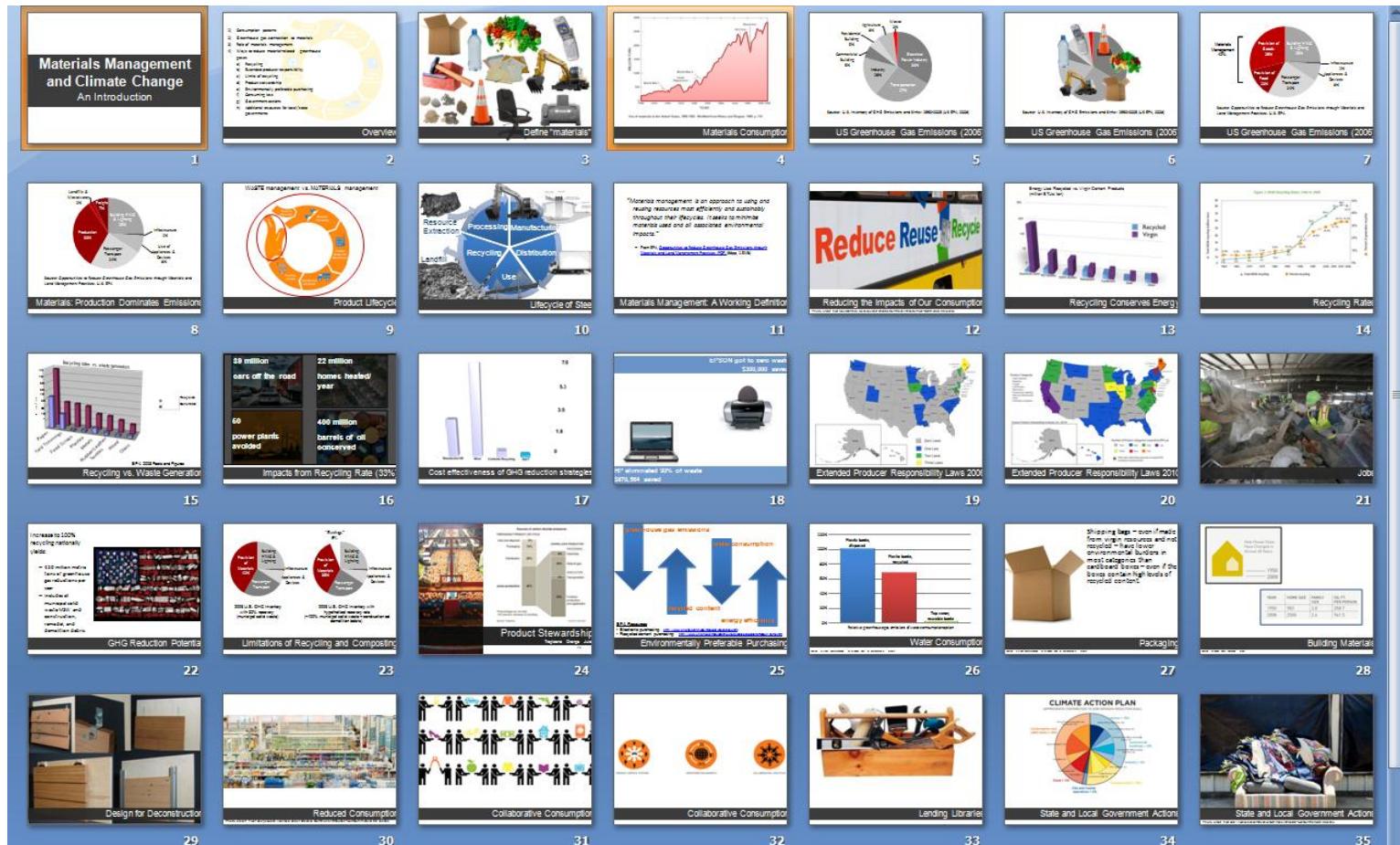
- Climate and Materials 101, 201, 301
- Consumption & The Environment Series (9)
- Materials Management Through Sustainable Consumption Series (11)
- Life Cycle Analysis Series (3)
- Other topics: WARM; Food: Too Good to Waste; Consumption-Based Accounting; Measurement; Climate Action Planning; Implementing Climate Actions

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Scripted Presentation



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Analysis of GHG Reduction Potential (Recycling and Composting)

EPA 910-R-11-003 | May 2011 | www.epa.gov

Reducing Greenhouse Gas Emissions through Recycling and Composting

A Report by the Materials Management Workgroup of the West Coast Climate and Materials Management Forum

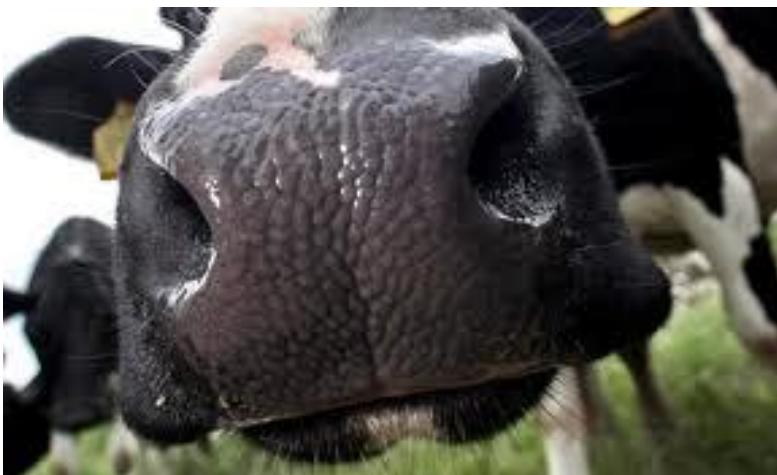
May 2011

United States Environmental Protection Agency, Region 10
Seattle, WA

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Inventory Workgroup



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Inventory and Climate Action Planning Toolkit

 Materials Management Approaches for State and Local Climate Protection

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• Home Page
• We Want to Hear from You
• Background & Motivation
• Greenhouse Gas Inventories
• Setting Targets
• Climate Protection Actions
• Measuring Results
• Resources
• Glossary
• Acknowledgements

Our Purpose - Reducing Greenhouse Gases through Materials Management

Materials Management strategies reduce greenhouse gas (GHG) emissions associated with waste, materials and products through a lifecycle and systems approach.

This wiki is a materials management toolkit of:

- Climate Protection Actions
- Example Climate Action Plans
- New approaches to GHG Inventories
- Measurement Tools
- Links to resources
- And more...see [links at left](#)

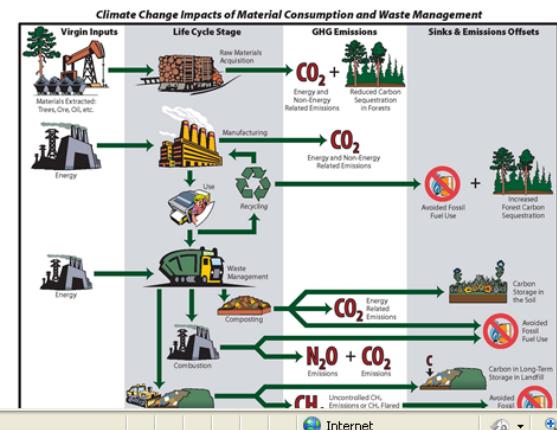
We want to hear from you. This beta version toolkit was launched on 9/8/10. Help us improve it with your feedback and let us know what materials management approaches you are adding to your Climate Action Plan.

Who Should Use This Toolkit

- State and Local Government Climate Change Staff
- Recycling, Composting and Solid Waste Professionals
- Sustainability and Pollution Prevention Coordinators
- Climate Action Plan Coordinators
- Greenhouse Gas Inventory Staff
- Public Outreach Staff

Click here for [How to Use This Toolkit](#)

This toolkit is a product of the West Coast Climate and Materials Management Forum. The Forum was convened in 2008 by U.S. Environmental Protection Agency Regions 9 and 10, and is a partnership of federal, state and local government stakeholders from the western states committed to advancing materials



The diagram illustrates the complex life cycle of materials and their impact on climate change. It shows the flow from virgin inputs (trees, ore, oil, etc.) through various stages: Raw Materials Acquisition, Manufacturing, Use, Recycling, Waste Management, and Composting. These stages lead to different types of emissions: CO₂, N₂O + CO₂, and CH₄. The diagram also highlights sinks and emissions offsets, such as Reduced Carbon Sequestration in Forests, Increased Forest Carbon Sequestration, and Carbon Storage in the Soil. Arrows indicate the flow of materials and energy, with icons representing each stage and its environmental impacts.



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ICLEI – Community Inventory Protocol

The screenshot shows the ICLEI Local Governments for Sustainability USA website. The header features the ICLEI logo with a yellow sun icon, a search bar, and a checkbox for 'only in current section'. Below the header is a navigation menu with links: Climate & Energy, Sustainability, Tools (highlighted in green), Trainings & Events, Resources, Blog, and About ICLEI. A breadcrumb trail indicates the user is at Home > Tools > GHG Accounting Protocols > Community Protocol. The main content area has a blue background with a city skyline. It features a large text box with the title 'U.S. Community Protocol for Accounting and Reporting of Greenhouse Gas Emissions' and a sub-section about the protocol's purpose. At the bottom of this box are two buttons: 'HOW IT WORKS' and 'DOWNLOAD NOW'. To the right, a sidebar titled 'Join ICLEI' lists various protocol documents, with 'Recycling and Composting Emissions Protocol' circled in red.

Search Site only in current section

Climate & Energy Sustainability Tools Trainings & Events Resources Blog About ICLEI

You are here: Home > Tools > GHG Accounting Protocols > Community Protocol

Send this

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

The first national standard to guide local governments on how to measure and report the greenhouse gas emissions associated with their communities

HOW IT WORKS DOWNLOAD NOW

Join ICLEI

- GHG Accounting Protocols
- Greenhouse Gas Reporting
- Community Protocol
 - Community Protocol Overview
 - Frequently Asked Questions
 - Training and Support
 - Related Tools and Resources
 - Download the Community Protocol
 - Protocol Development Process
 - Why a National Standard Is Key
 - Global Community Protocol
 - Submit Your Questions on the Community Protocol
- Local Government Operations Protocol
- Recycling and Composting Emissions Protocol**
- CACF 2007
- CAPPA
- ADAPT

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Research Workgroup

- Changing Consumer Behavior
- Waste Prevention
- Product Design and Packaging
- Organic Wastes
- Optimal Waste Management Pathways
- Collaborative Consumption in the Sharing Economy

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Consumption Workgroup



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Food: Too Good to Waste



links

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West Coast Leadership

