

**Alameda County
Green Purchasing Roundtable
Friday, October 23rd
10 am - Noon**

Karen Cook, Alameda County

Shannon Davis, US EPA

John Katz, US EPA



West Coast Climate & Materials Management Forum

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About Materials Management



The Materials Message



Climate Action Toolkit



Food: Too Good To Waste



Use & Purchase

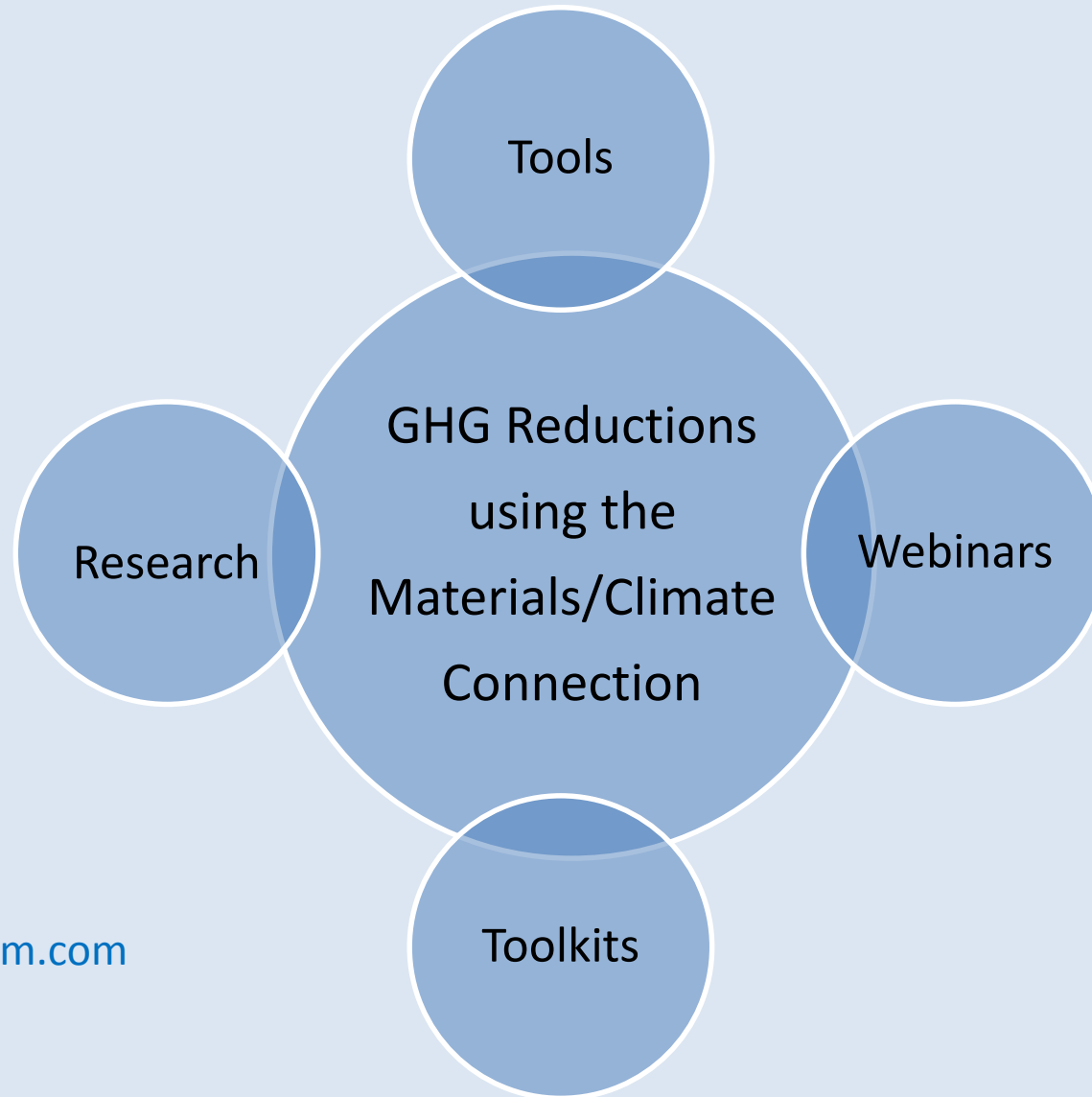


Forum Resources



www.westcoastclimateforum.com

“Our mission is to inspire, inform and show communities how to significantly reduce GHG emissions by improving the way they source, use, and recover materials.”



*EPA-convened
partnership
*Cities
*States
*Tribes
Academia

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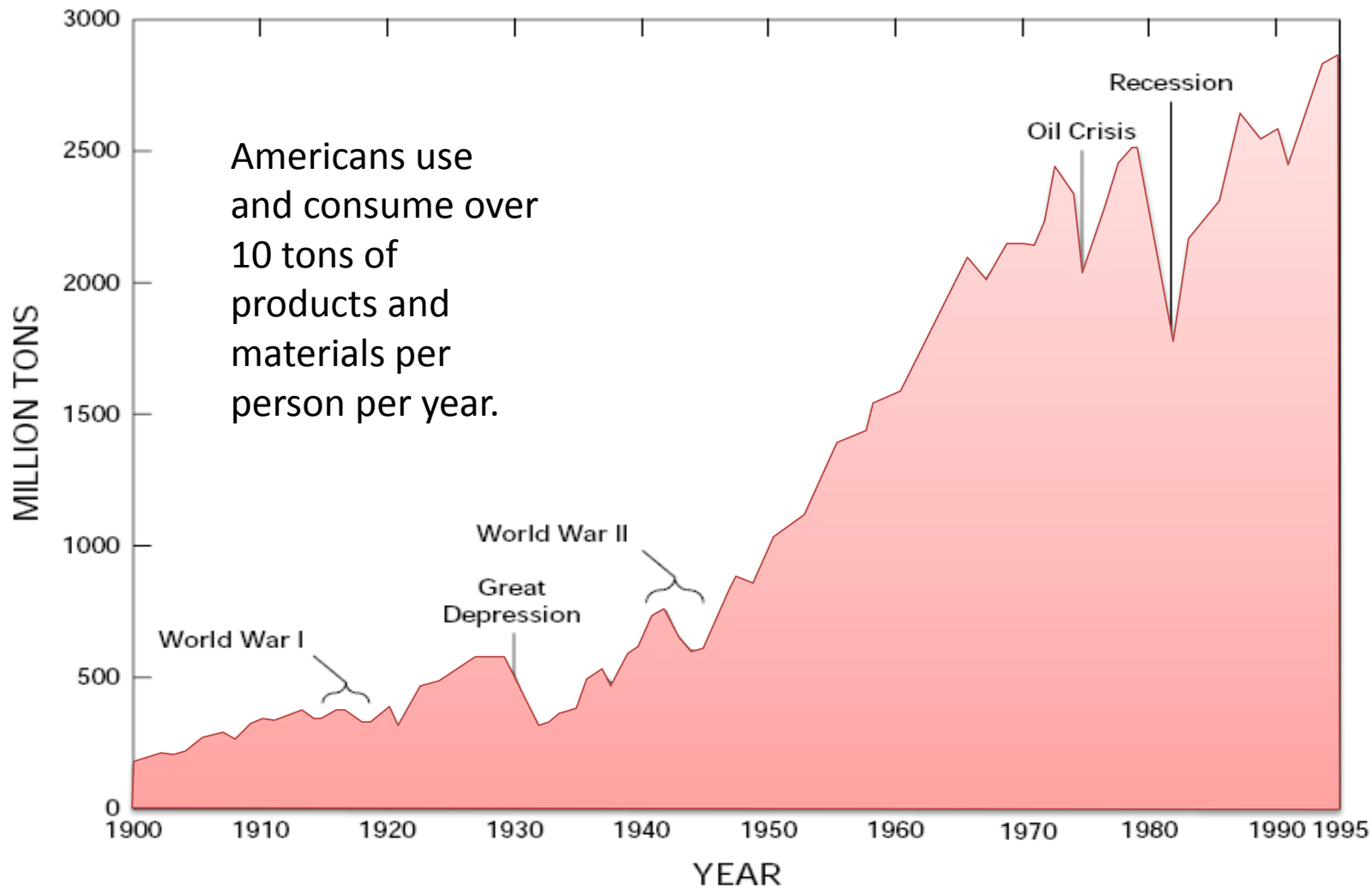


Check out The Forum's Resources:

- www.westcoastclimateforum.com
- [Research Summaries](#)
- [Turnkey Materials Management Presentation](#)
- [Climate Action Toolkit](#)
- [Food Too Good to Waste Toolkit](#)
- Climate Friendly Purchasing Toolkit

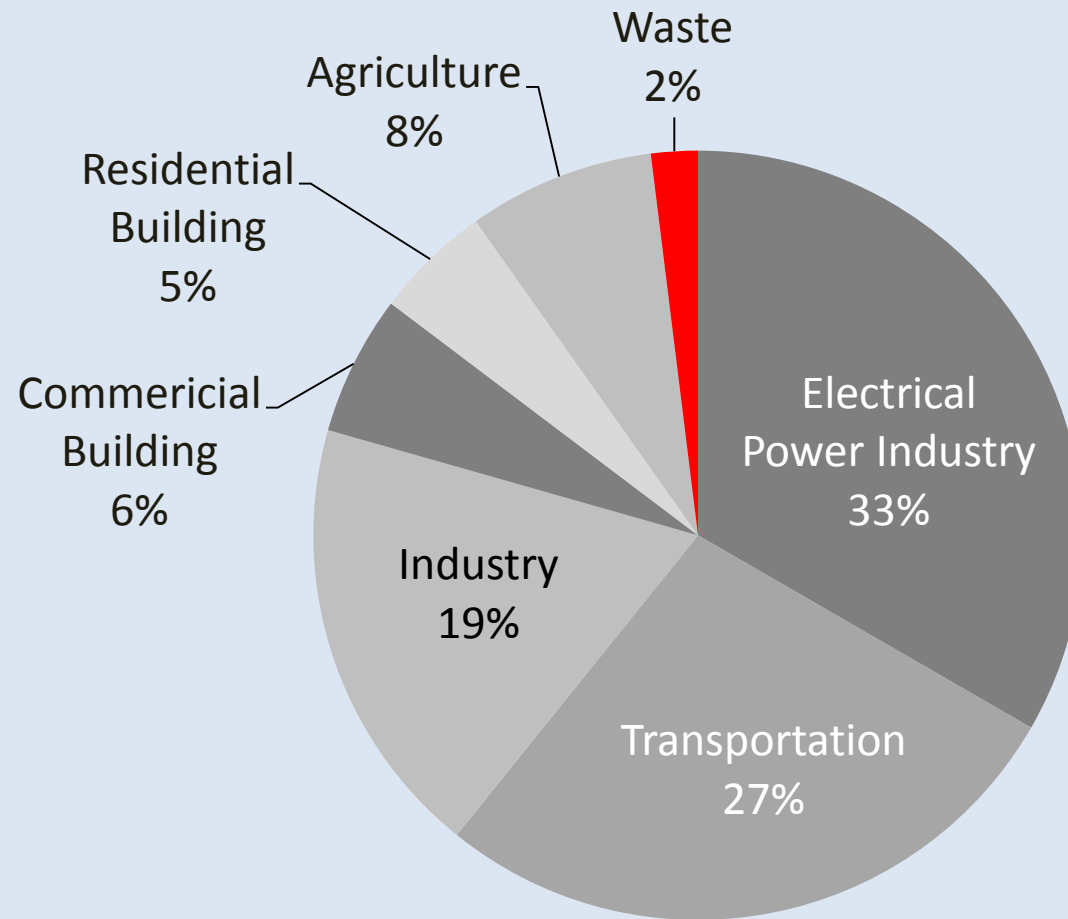


Define “materials”.



Use of materials in the United States, 1900-1995. Modified from Matos and Wagner, 1998, p. 110.

Materials Consumption

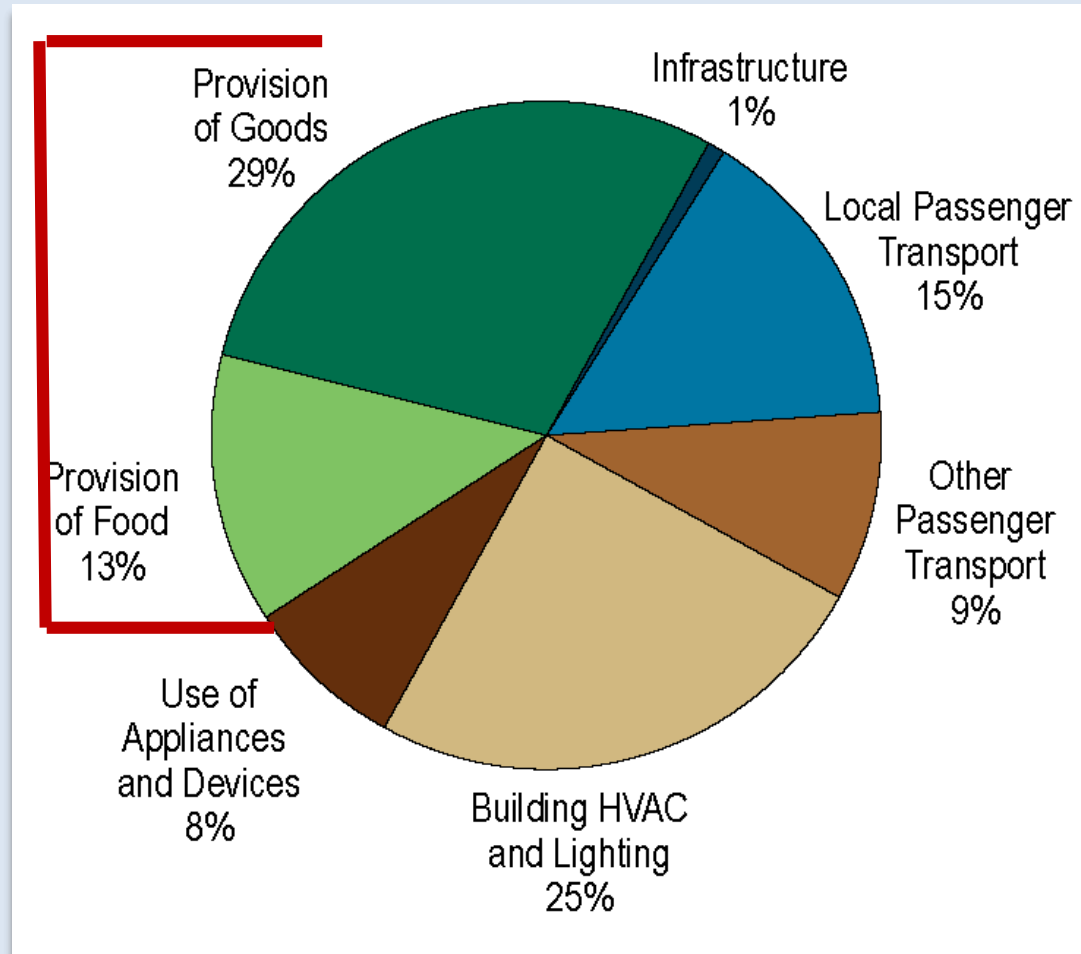


Source: U.S. Inventory of GHG Emissions and Sinks : 1990-2006 (US EPA, 2008)

US Greenhouse Gas Emissions (2006)

Why and **How** GHGs are Measured

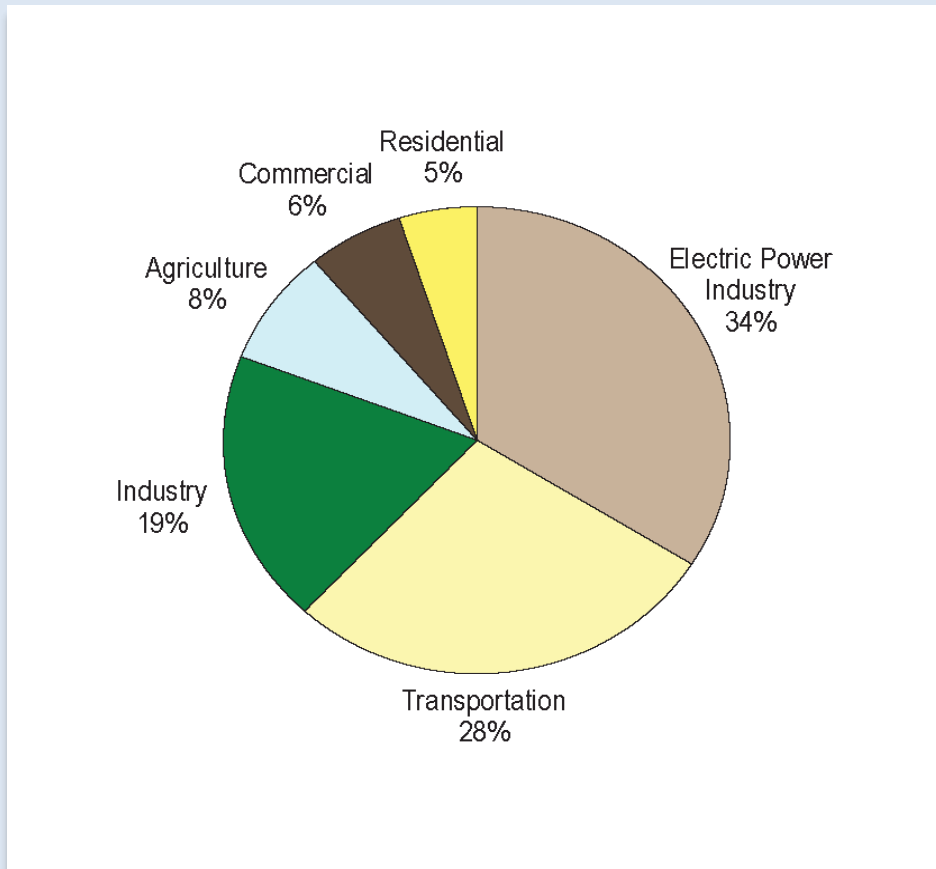
- Issue de jour
- Required reporting
- Drive accountability and transparency
- Tell stories
- Emphasize opportunities
- **Traditional Inventories**
- **Operational/Corporate Inventories**
- **Consumption Based Emissions Inventories**
- **Supply Chain Inventories**



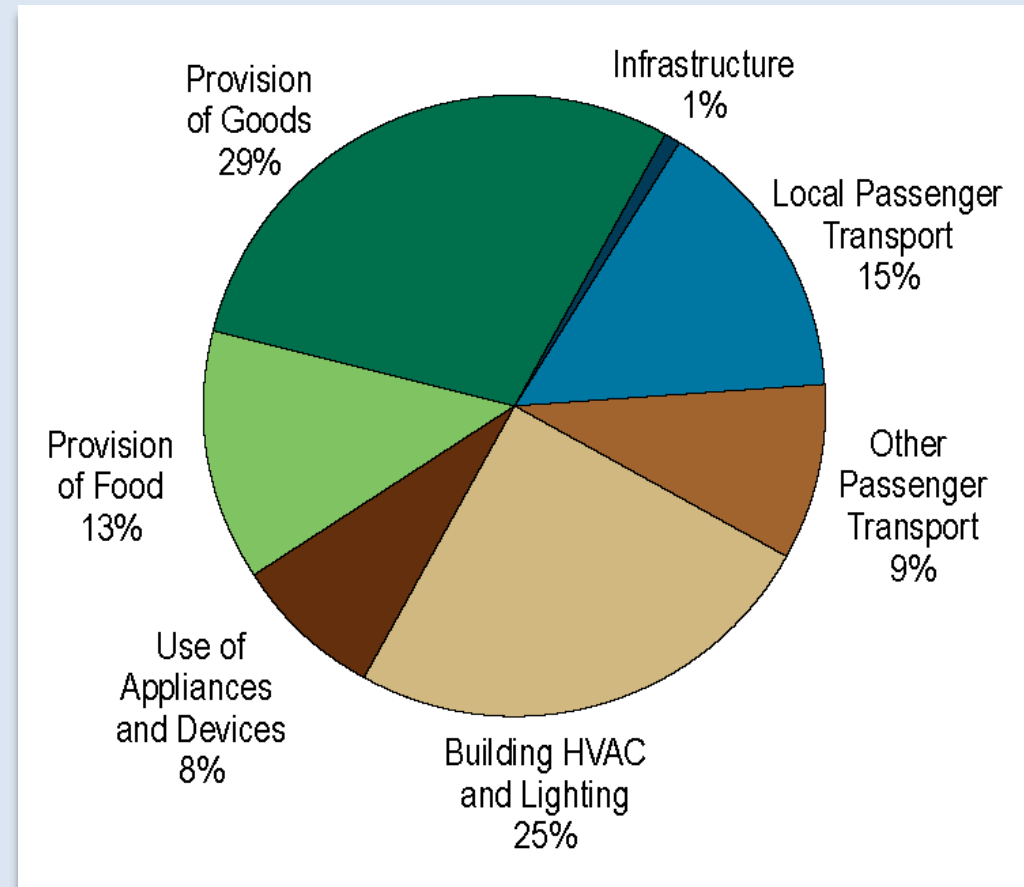
US Greenhouse Gas Emissions (2006)

Sector vs System-Based Accounting

Sector-Based View of U.S. GHG Emissions (2006)



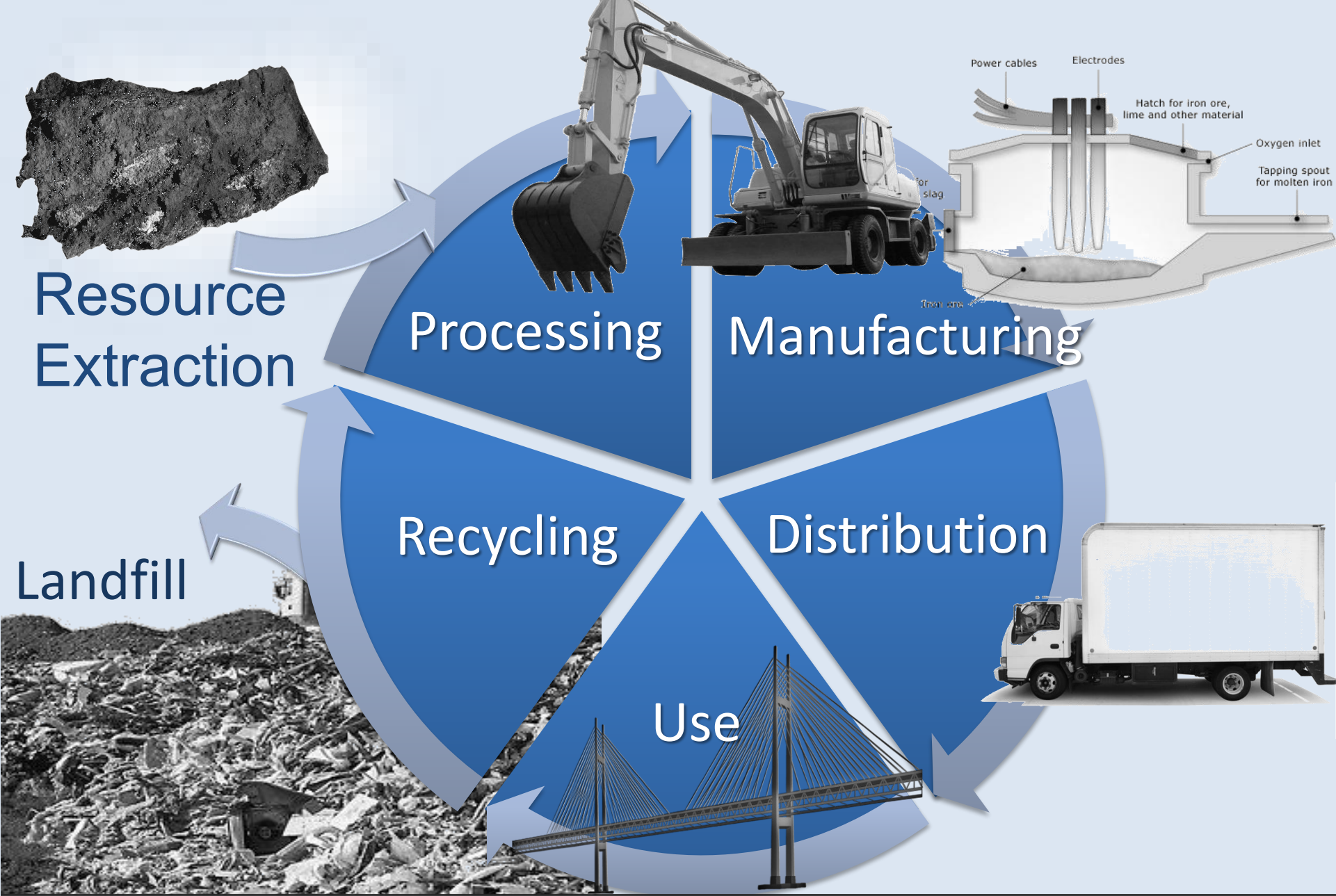
Systems-Based View of U.S. GHG Emissions (2006)



WASTE management vs. MATERIALS management



Product Lifecycle



Lifecycle of Steel

Government
Supply
Chain
Emissions

