

# Beyond Waste Implementation Working Group (IWG) Draft Scope of Work

## Goal

- Significantly expand source reduction, reuse, recycling and composting
- Build on what is best and most successful in the current waste management system
- Develop an environmentally and economically sustainable implementation plan
- Target products and organic materials with the largest GHG reduction potential.
- This action was identified by CAT/TWG as AW-3

# SOW cont.

- By recycling metals, paper, plastics and glass,
- By reducing the use of virgin materials and fossil energy in product manufacturing, and
- By reducing landfill gas emissions

Significant reductions in GHG generation can be made.

# SOW Goal cont.

- Not likely nor realistic to assume that all materials will be recycled
  - ◆ Due to issues such as contamination, composites, sham recycling, entropy
- Potentially recycle up to **80%** of all consumer related waste materials generated within Washington State by 2020.
- Recycling, reuse and source reduction create local businesses, local products, and green collar jobs, and can increase bioenergy potential.

# Tasks

Build on existing source separation strategies and the Beyond Waste Plan implementation approaches.

- 1 Optimize the collection and processing infrastructure needed to more effectively capture recyclable materials with the highest carbon footprint generated from industrial, commercial, agricultural and residential sources;

# Tasks 2-4

- 2 Expand, recruit or develop in-state businesses that use recyclable materials in their manufacturing processes (including investment, financing and incentives);
- 3 Remove organics from the disposal stream so that they can be beneficially used for healthy soils, bioenergy production and new products;
- 4 Create product stewardship framework legislation applicable to consumer products focusing on the full product life-cycle including cradle-to-cradle design, material and energy content, manufacturing and end of life recycling/reuse;

# Tasks 5-7

5. Expand byproduct synergy, zero waste business practices, design for the environment and other emerging commercial activities;
6. Review implementation of existing environmentally preferred purchasing policies and recommended new environmentally preferred purchasing policies to be used by state and local government entities, that will result in reduced GHG generation; and
7. Support and expand consumer product reuse and related business activities.

# Deliverables

The Beyond Waste IWG will produce by September 1, 2008:

- Draft text for legislation (e.g., product stewardship framework legislation) or executive action.
- Fiscal notes, if needed.
- Any other materials (e.g., tools to measure and monitor GHG reductions, education and outreach, and product labeling) necessary to implement the recommended actions.

# Recommendations

- Recommendations will be accompanied by a clear sense of what will be needed for implementation. For example, AW-3 states that a disposal ban requires a plan. If the group considers disposal bans or restrictions it also must consider and recommend how and when the infrastructure needed to manage the banned or restricted materials would be put in place.

# IWG Member list

- ★ **Dr. Sally Brown** University of Washington
- ★ **Tim Croll** Seattle Public Utilities
- ★ **David Dougherty** Dougherty Group
- ★ **Robyn duPre** ReSources/ReStore
- ★ **Gene Eckhardt** WUTC
- ★ **Tracy Farrell** City of Shelton
- ★ **Tiffany Hatch** Seattle Goodwill Industries
- ★ **Preston Horne-Brine** Washington State Recycling Association
- ★ **Jim Jensen** Environmental Credit Corp
- ★ **Ken Johnson** Weyerhaeuser
- ★ **Bart Kale** Nucor Steel

# IWG Member List cont.

- **Kevin Kiernan** King County
- **Joe Leber** Swanson Bark and Wood Products
- **Brad Lovaas** Washington Refuse and Recycling
- **Chris Martin** CleanScape
- **Suellen Mele** Washington Citizens for Resource Conservation
- **Russ Menke** City of Spokane
- **David Quigg** Grays Harbor Paper
- **Scott Robertson** Yakima Waste Systems
- **Susan Robinson** Waste Management
- **Charlie Scott** Cascadia Consulting Group

# IWG Member List cont.

- **Cheryl Smith** Department of Community, Trade, and Economic Development
- **David Stitzhal** Northwest Product Stewardship Council
- **Tom Walter** Washington Organics Recycling Council
- **Greg Wittbecker** Alcoa

# C0-Leads

- Sejo Jackson, Snohomish County
- Jay Shepard, Department of Ecology
- Jody Snyder, Pierce County Recycling, Composting and Disposal LLC

# Next Steps

First meeting June 16, 2008.

Probable dates for future meetings

- July 9
- July 23
- August 6
- August 26
- September 11