

# Organics Management to Reduce Methane and Combat Climate Change Workgroup

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**Meeting #6**

**October 7, 2021**



# Housekeeping

- Please mute your lines if not speaking
- If you are having technical difficulties, chat Sam Kwok
- Presentation portion of today's meeting is being recorded
- All our presenters will present and then we will have time for Q&A
- Please raise your hand by clicking on the “participants” button and clicking on the hand by your name if you have a question
  - I will call on people
- You can also put questions in the chat at anytime and we will answer them during the Q&A portion

# Meeting #6 Agenda

## AGENDA

2:00-2:10	Welcome and Agenda Overview
	Continue Topic #3 Policy Discussion: Financials/end-markets/ purchasing, Soil health/ nitrogen cycling, and Regenerative agriculture
2:10-2:35	Policy 1: Procurement Requirements: Using Recycled Organics Products (based on CA1383) – Starting January 1, 2024, require cities and counties to procure annually a quantity of recovered organic waste products. <ul style="list-style-type: none"><li>• Workgroup Member Input: Strengths &amp; Concerns/Issues</li><li>• Observer Input</li></ul>
2:35-3:00	Policy 2: Beginning January 1, 20xx, Dept. of Agriculture must create a 3-year compost reimbursement pilot program for farming operations purchasing and using compost products from WA (from HB 2713) <ul style="list-style-type: none"><li>• Workgroup Member Input: Strengths &amp; Concerns/Issues</li><li>• Observer Input</li></ul>
3:00-3:50	<b>Presentations:</b> Topic #4 Background: <u>Energy Generation/Credits/Carbon Sequestration/Nutrient Recovery/Incentives Equity</u> <ul style="list-style-type: none"><li>• Vlad Gutman-Britten, Climate Solutions</li><li>• Evan Edgar, Edgar &amp; Associates</li><li>• Kate Kurtz, City of Seattle</li><li>• Q&amp;A (Workgroup Members &amp; Observers)</li></ul>
3:50-4:00	Next Steps and Adjourn

# Work Group Structure and Role

**Purpose:** Improve organics management system in Washington in order to reduce methane and combat climate change.

**Role:** Using California SB1383 Law as a starting point, gather stakeholder input to inform policy tailored for Washington.

# Work Group Structure

- Made up of a diverse set of stakeholder organizations
- Each organization gets one seat at the table
- Others can join as observers (there will be a spot on each agenda for observers to comment or ask a question)
- Two meetings per month through end of year
- Meeting content will include:
  - Presentations of background info
  - Discussion of topics included in possible legislation:
    - If there is agreement on a topic, that will be noted
    - If there is not agreement, issues/concerns will be identified
- Copies of information from each meeting will be posted at: [organicsworkgroup.org/](http://organicsworkgroup.org/)

## Agenda Committee

- Local Gov't: Andy Smith
- Environmental: Heather Trim
- Waste Management: Brad Lovaas
- Composter: Majken Ryherd
- Any other interested sectors?

# Topics (revised per agenda committee input)

1. Food waste source reduction/diversion/rescue/rescue groups (8/5 & 8/19)
2. Sources (Yard/Food/Wood/Dairies/Ag) & Sectors (Business/Commercial/Industrial sources/Multi-family/single family) (8/19 & 9/16)
3. Financials/end-markets/purchasing, Soil health/ nitrogen cycling, Regenerative agriculture (9/16 & 10/7)
4. Energy generation/Credits/Carbon sequestration/Nutrient recovery/Incentives Equity (10/7 & 10/21)
5. Permitting/Air/Water/Odors/Monitoring (include siting and current facilities) (10/21 & 11/4)
6. Education/Generator behavior change/Source reduction/Technical assistance/Contamination/Labeling (11/4 & 11/18)
9. Local governments/UTC (funding, financing, collection, rates, etc., collection approaches, embedded rates; disposal rates/tipping fees; Infrastructure/New technologies, Geographic issues/Apple maggot/Localized/Rail (11/18)
10. Targets/Performance standards (12/2)

# Topic #3 Policy Discussion

## SB 1383 IN ACTION

### PROCUREMENT REQUIREMENTS



Procure Recycled and  
Recovered Organic  
Products

## JURISDICTION REQUIREMENTS

### COMPOST, RNG & ELECTRICITY

- Minimum Procurement

### PAPER PROCUREMENT REQUIREMENTS

- Recycled Content
- Recyclability





# Policy 1. Procurement Requirements: Using Recycled Organics Products (based on CA1383)

Starting **January 1, 2024**, require cities and counties to procure annually a quantity of recovered organic waste products.

Ecology will assign an annual procurement target\* (recalculated every 5 years) to each jurisdiction\*\* based on its population. Jurisdictions can fulfill their target by procuring any combination of the following recovered organic waste products:

- **Compost**
- **Mulch**
- **Renewable Energy (Transportation Fuel, Heat, and Electricity) from Anaerobic Digestion and Electricity from Biomass Conversion**

*\* Jurisdictions can **carry forward credit** for procurement of transportation fuel, electricity, and gas for heating applications from previous calendar year*

*\*\* **Rural counties, and jurisdictions located within rural counties that are exempt** from the organic waste collection requirements are not required to comply with the procurement requirements from January 1, 2023-December 31, 2027.*

# Calculation

Each jurisdiction's procurement target shall be calculated by **multiplying the per capita procurement target by the jurisdiction population** where:

- *Per capita procurement target = 0.08 tons of organic waste per WA resident/yr.*

These conversion factors shall be used to convert tonnage in annual procurement target for each jurisdiction to equivalent amounts of recovered organic waste products:

One ton of organic waste in a recovered organic waste product procurement target shall constitute:

- 21 diesel gallon equivalents, or “DGE,” of renewable gas in the form of transportation fuel.
- 242 kilowatt-hours of electricity derived from renewable gas.
- 22 therms for heating derived from renewable gas.
- 650 kilowatt-hours of electricity derived from biomass conversion.
- 0.58 tons of compost or 1.45 cubic yards of compost.
- One ton of mulch.

\* *Renewable gas procured from a POTW or electricity procured from a biomass conversion facility may only count toward a jurisdiction's recovered organic waste product procurement target if the biomass conversion facility receives feedstock directly from one or more of the following during the duration of the applicable procurement compliance year: a **compostable material handling operation or facility** other than a chipping and grinding operation or facility or a **transfer/processing facility** or operation or a **solid waste landfill**.*

# Acquiring Recycled Organics Products

Procurement does not necessarily mean that products have to be purchased.

- Jurisdictions that **own an organics recovery facility** can procure end products for city and county use without a financial transaction.
- A jurisdiction may also acquire products in another way, such as free delivery or distribution of products from a hauler, and subsequently use or donate those products to meet their procurement target.

# Direct Procurement and Direct Service Provider

## **Direct Procurement**

Jurisdictions **can procure and use recovered organic waste products**, like compost and mulch for city-managed public landscaping or renewable energy for city-owned vehicle fleets. Jurisdictions could also procure products, such as compost, for community giveaway projects.

## **Direct Service Provider**

Jurisdictions can meet their procurement requirement by contracting with a service provider that uses recovered organic waste products, like compost or renewable natural gas, on behalf of the jurisdiction. These direct service providers could include waste haulers, landscape services, or transportation services.

# Recycled Content Paper Procurement Requirements.

*As there is so much paper present in the solid waste disposal stream, the procurement of recycled-content and recyclable paper will grow demand for these products and support recycling to help meet the organic waste diversion goals of SB 1383.*

**Paper purchase” means all purchases by a jurisdiction of items in the following categories:**

**(A) Paper products.**

**(B) Printing and writing papers.**

All departments in a jurisdiction that make paper purchases will be required to purchase and keep purchase records for paper products that:

1. Contain postconsumer recycled content
2. Are recyclable

Requirements:

- All paper purchases must contain 30 percent postconsumer recycled content, when available at no greater cost than nonrecycled products
- Products must be recyclable as defined by FTC “Green Guides”
- Jurisdictions must require vendors to certify postconsumer content and recyclability claims

# Policy 1 Questions

- **Should procurement by others within jurisdiction count?**
- **How to avoid hurting existing markets?**
- **When should procurement requirements begin (relative to the other requirements)? (CA is 3 years)**

Input: Policy 1 – Procurement Requirements: Using Recycled Organics Products (based on CA1383) – Starting January 1, 2024, require cities and counties to procure annually a quantity of recovered organic waste products.

Strengths	Concerns/Issues

## Policy 2: Beginning January 1, 20xx, Dept of Ag must create a 3-year compost reimbursement pilot program for farming operations purchasing and using compost products from WA (from HB 2713)

### Payments:

- Include transportation, equipment, spreading, and labor costs
- Cover up to 50% of costs
- Caps at \$10,000/year
- Cannot be for the farm's own compost products

**Farming operation** means: A commercial agricultural, silvicultural, or aquacultural facility or pursuit, including the care and production of livestock and livestock products, poultry and poultry products, apiary products, and plant and animal production for nonfood uses; the planting, cultivating, harvesting, and processing of crops; and the farming or ranching of any plant or animal species in a controlled salt, brackish, or freshwater environment



Input: Policy 2 – Beginning January 1, 20xx, Dept. of Agriculture must create a 3-year compost reimbursement pilot program for farming operations purchasing and using compost products form WA (from HB 2713)

Strengths	Concerns/Issues

Energy Generation/Credits/Carbon  
Sequestration/Nutrient  
Recovery/Incentives Equity Presentations