

Proposal title

When food scraps dream: Energy, fertilizer and soil

What is the problem?

Highly putrescible (high methane generating) organics are currently being landfilled- by diverting these from landfills you get methane avoidance (23 x CO₂), green energy potential can be realized, nutrients can be reused and organics can be applied to soils

What are targeted materials?

- Food scraps
- Yard waste

What is the potential for reduction in GHG emissions?

Methane avoidance + energy generated + fertilizer avoided

1 wet ton of food = 1 ton CO₂ from methane avoidance + BTU value + nutrient value

What action is needed (specifically)?

- Education/ Infrastructure
- Need for adjustment to feed in tariff law for green energy (AD) + CHP wheeling
- Streamlined permitting for compost and AD facilities
- Compost use incentives
 - USDA NRCS EQIP Environmental Quality Incentive Program a national program that works in tandem with State Conservation Districts
 - Counties prohibit use of synthetic fertilizers for DOT Parks programs

What mechanism should be used to put action in place (legislation, regulation)?

70-95 5% tax on disposed material to reach 50%

Reinstate (after discussion with Dept of Revenue on appropriate amount and means to implement)

This funding mechanism could be used for education/infrastructure for wide range of materials and could also be used to fund things such as the Product Design Institute

Green Energy

Revision of RCW 82.16.110-140 and RCW 82.08.900 for feed in

Would need to create legislation for CHP wheeling

Is the proposal ready to proceed?

- Partially/ need staff support
- AD- yes, USDA NRCS EQIP- yes/ probable

- Landfill per ton 70-95 rewrite yes/ possible

Can it be delivered by Sept 1?

Potentially

Effectuated parties and likely positions

- Utilities
- Local governments
- Waste haulers
- Landfill operators
- Composters
- Agricultural sector
- Dept of Revenue
- Dept of Ecology
- Environmentally responsible purchasing (govt agencies)

How feasible is it in terms of support or opposition?

- Broad support for ends
- Potential opposition for landfill tax
- Need to provide protection against sham recycling operations

If proposal is adopted and implemented, who will be responsible to implement?

- Ecology
- Utilities
- USDA- State Conservation districts
- Counties
- Private sector investment
- CTED

How will it be implemented and when will it be implemented?

Tax could go forward in 09 session