

Compostable packaging - an end to food waste?

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OVERVIEW

- **Waste Policy Review – June 2011**
 - Action plan
- **AD Action Plan – June 2011**
 - Steering Group
- **EU Waste Framework Directive**
 - Waste Management Plan



POLICY

- **Diversion of Biodegradable Material**
 - By 2013 reduce the biodegradable waste landfilled to 50% of that produced in 1995 (7.5 Million tonnes)
 - By 2020 reduce the biodegradable waste landfilled to 35% of that produced in 1995 (5 Million tonnes)
- **Waste Framework Directive**
 - Recycle 50% of material by 2020
 - By 2015 separate collection of materials for recycling



WASTED FOOD

- **Total household food waste 8.3 Mt (2009)**
- **Total avoidable household food waste 5.3 Mt (2009)**
 - **Equivalent to filling 4,700 Olympic sized swimming pools**
- **Wasting food costs the average family with children £680 a year**
- **CO2 impact would be the equivalent of taking 1 in 4 cars off the road**
- Source WRAP Love Food Hate Waste site http://www.lovefoodhatewaste.com/about_food_waste



ROUTES FOR FOOD WASTE

- **Drive for AD and food waste treatment**
- **Mismatch with food waste and packaging**
- **Compostable packaging**
 - **Aid composting and AD**
 - **Contamination**
 - **Issue of education message**
 - **Treatment facility optimisation**
 - **Biobased and renewable**



STANDARDS

- EN 13432 – composting
- Home composting standard
- PAS 100
- PAS 110
- Quality Protocols
- EU End of Waste Criteria



USE ON LAND

- **Agricultural**
- **Remediation**
- **Regulated**
 - **Environmental permits**
 - **Product**



CONFIDENCE & LIAISON

- **Consumer confidence**
 - Retail perception
 - Farmer's security
- **Industry liaison**
 - Retail with plastic
 - Plastic with resource and waste



COMPOSTABLE PACKAGING - AN END TO FOOD WASTE?

- **Essential need identified**
- **Communications paramount**
- **Industry realisation**
- **Behaviour change**

