



South Tipperary
COUNTY COUNCIL
Comhairle Contae
Thiobraid Árann Theas

Waste Management (Food Waste) Regulations 2009

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Environment Section
South Tipperary County Council*

13th of July 2010

Summary of Presentation



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- *Background*
- *Overview of Regulations*
- *Your Obligations*

EU Landfill Directive 1999/31/EC



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- *Imposes a ban on landfill of certain wastes*
- *Certain hazardous wastes*
- *Liquid wastes*
- *Tyres*
- *Biodegradable waste/Organic Waste*

Issues with Bio waste to Landfill



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- *Greenhouse gas emissions*
- *Odour*
- *Landfill leachate*
- *Compliance with EU obligations –Potential fines*



Biodegradable Waste

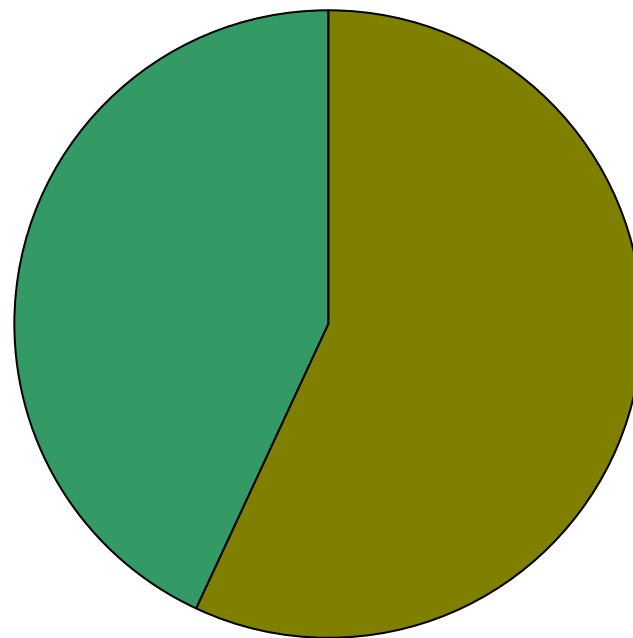
- *Capable of undergoing aerobic or anaerobic decomposition, textiles, paper, food, green waste etc*
- *Organic Waste – food waste & green waste*



Biodegradable Waste – 2.1M tonnes



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■ 57% Landfill

■ 43% Recovered



Scope of the Regulations

- *Food Waste*
- *Arising on the premises of the producers*
- *Set out in Schedule 1 of the Regulations*

To Whom do the Regulations Apply?



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- *Hotels*
- *Restaurants/Cafes*
- *Work canteens*
- *Public Houses*
- *Guest Houses (>4bed)*
- *Shops/Supermarkets*
- *Hospitals*
- *Nursing Homes*
- *Crèches*
- *State Buildings with canteen*
- *Educational facilities with canteen*
- *Stations, Airports, Harbours etc*



Trade Shows, Exhibitions & Events

- *Regulations apply to events as prescribed under Section 230 of the Planning & Development Act*
- *Organisers **must**:*
 - Ensure compliance with the regulations
 - Ensure producer supplying food at the event is compliant
 - Prepare a food waste management plan prior to event
 - Prepare a food waste management implementation report after the event



Exception

- *Premises which produce < 50kg per week*
 - Provisions shall apply 1 July 2011
 - Written declaration must be made to the Local Authority by 1 July 2010



Producer Obligations

- *Food waste arising on the premises must be **source segregated** and **kept separate** from all other materials*
- *Separate dedicated bin*



Producer Obligations

- *Segregated food waste must be subjected to an authorised treatment process/facility i.e.*
- *Composting*
- *Anaerobic Digestion*
- *Rendering*
- *Pet Food*
- *Animal Feed supplier*



Authorised Facility

- *A facility that is authorised for the treatment of waste in accordance*
 - Waste Management Act & Environmental Protection Act
 - Planning requirements
 - Animal By Products Regulations

Authorised Treatment Facility Compost Facility



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Technology – Anaerobic Digestion

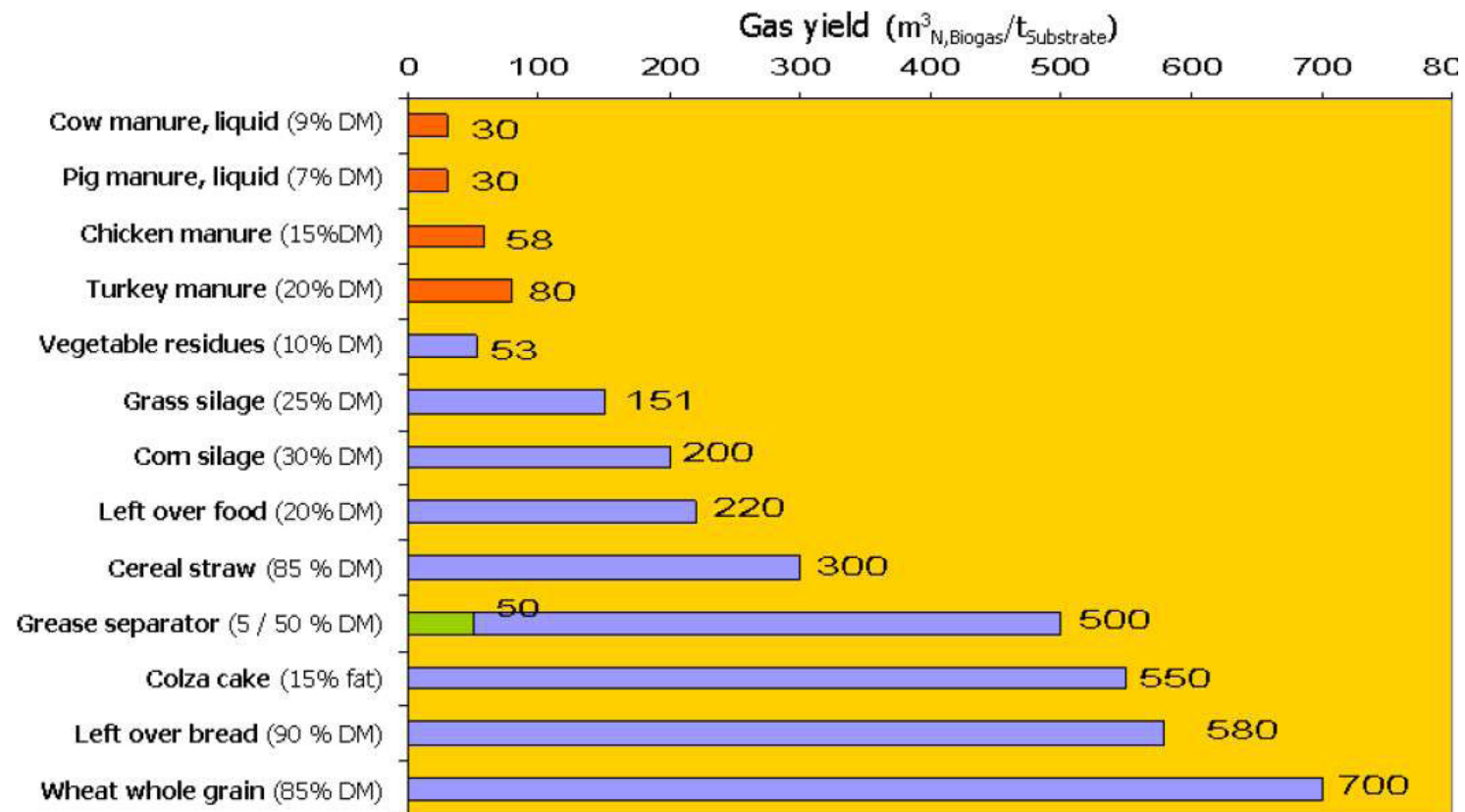


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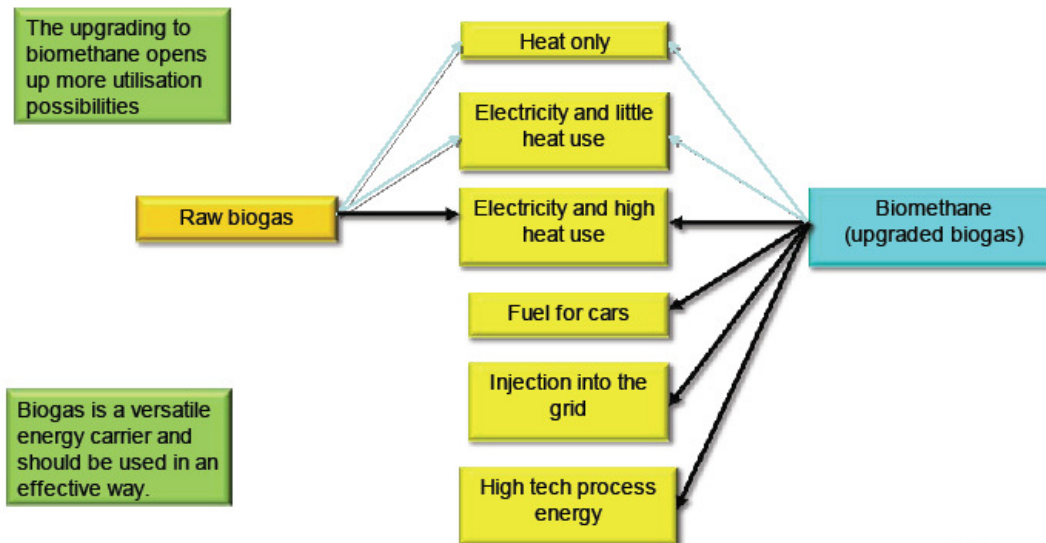
Gas yield





Uses of biogas

Effective use of biogas



www.aebiom.org

info@aebiom.org



Producer Obligations Option 1



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- *Segregated food waste collected by an authorised waste collector and transferred to an authorised treatment facility*
- *Collector is not obliged to collect food waste where food waste has not been segregated in accordance with the Regulations*
- *Waste collector required to inform LA of persons refusing to avail of source segregated waste collection service (annually)*

Producer Obligations Option 2



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- *Food waste transferred directly by the producer to an authorised treatment facility*
- *Authorised to accept food waste*
 - EPA Licence or LA Waste Permit
 - Licence from Department of Agriculture to treat food waste

Producer Obligations Option 3



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- *On site treatment of food waste e.g. appropriate in-vessel compost unit.*
- *Obtain waste authorisation in accordance with Waste Management (Facility Permit and Certificate of Registration) Regulations, 2007*



On Site Compost Units





Use of Macerators

- *The use of a macerator is **NOT** permitted where a separate food waste collection service is available*
- *In any case, the use of a macerator is **NOT** permitted unless in accordance with a Trade Effluent Discharge Licence under the Local Government (Water Pollution) Act, 1977*



Who Will Enforce the Regulations?



- *South Tipperary County Council may require:*
 - A food waste management implementation report once a year
 - Annual Environmental Report for the previous calendar year

Facilities & Collectors in South Tipperary



- *2 Compost facilities in South Tipperary*
 - Miltown Composting Systems, Rosegreen authorised to accept food waste and have Department of Agriculture (DAFF) approval.
 - OD Recycling, Ballyboe Ballypatrick, *currently seeking approval from DAFF*

Facilities in the South East



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2 Composting Facilities in Carlow

- *Waddocks and O'Toole's Composting (DAFF Approval)*

1 Anaerobic Digester

- *BEOFF's Biogas Plant Ballytobin, Callan Co.Kilkenny (DAFF Approval)*



In Summary

- *All provisions of the Regulations come into effect on 1 July 2010*
- *All producers must source segregate food waste*
- *Source segregated food waste must be transferred to an authorised treatment process or alternatively treated on site*



Further information

www.southtippcoco.ie/environment

www.foodwaste.ie

www.agriculture.gov.ie/agrifoodindustry/animalbyproducts/frequentlyaskedquestionsfaqs.ie

www.cre.ie