



The Incineration of ABP Waste

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Introduction

- The Choice of Disposal Method
- The Benefits of Incineration
- The Disadvantages
- Current Incineration Capacity
- The Cost of Incineration
- The Future



The Choice of Disposal Method

- Category of ABP
- Type of ABP
- Availability of capacity
- Packaging of ABP
- Cost
- Geographic location
- Commercial factors
 - Protection of 'manufacturers / retailers brand'
- Public / animal health issues
- Timing



The Benefits of Incineration

- Can handle all categories of Animal By-Products
- Needs little or no pre-processing of the waste stream
- Has a broad geographical coverage
- Provides a secure solution to protect producers' reputations and brands
- Can be used to generate electricity as a product of the disposal process
- Can safely dispose of infected / contaminated material



Disadvantages

- Cost
- Public perception



Current Capacity

- 12 municipal incinerators
- 3 specialist hazardous waste incinerators
- 19 larger specialist ABP incinerators
- < 30 other large incineration plants

Sources: - EA, DEFRA

(All figures quoted refer to England and Wales only)



Current Capacity

Process Type	Number of Plants	Est. Capacity (te p.a.)
Municipal	12	2,700,000
Hazardous	3	120,000
Specialist	19	166,400
Other	<30	150,000
Total		3,136,400

Sources: - EA, DEFRA, RIO, Literature Search
(All figures quoted refer to England and Wales only)



Current Capacity

Good News

- Estimated daily ABP production of 520 te is approximately 7% of the current capacity
- Incinerators are located in most regions of the UK

News Update

- This 7% capacity may not exist!



The Cost of Incineration

This varies enormously across the country:-

- Low cost £100 per tonne
- Median cost £225 per tonne
- High cost £450 per tonne



The Pressures on Incineration

- Legal
 - Waste Incineration Directives
 - Hazardous Waste Directive
 - Landfill Directive
 - Animal By-Products Directive
 - TSE Regulations
- Public
 - Perception
 - NIMBY'ism
 - Planning Issues
- Other Changes
 - Recycling of waste
 - New technologies



The Future?

- We must prevent ABP becoming the new ‘fridge mountain’
- Is there enough “real” incineration capacity?
- Revision of planning policy for Waste Facilities
- Effective, consistent enforcement will require a joined up approach by the various regulators to create a defined playing field



Thank you for listening.