

# Why the NYCC Waste PFI should not be approved

Marton cum Grafton Parish Council  
November 2010

# Strategic objective

To divert residual municipal waste from landfill:

The Waste PFI  
(destroys resources,  
emits CO<sub>2</sub>)

Better options  
(conserving resources)



# Incineration

## Advantage

Simple

Generates some electricity

No delay

Results from the tender process

PFI £

## Disadvantage

Inflexible

Inefficient (no heat recovery), CO<sub>2</sub> generated

Expensive (£1.2bn)

Unpopular

Not aligned to Govt. strategy

Does not support local economic growth

Planning risk

# Recycle, reuse

## Advantage

Flexible

Recovers valuable resources

Cheaper

Popular

Aligned to Govt. strategy

Shorter term contracts supporting local businesses

Planning risk low

## Disadvantage

Needs work

Some residual waste remains

Time to set up (5 to 10 years)

# The NYCC Waste PFI does NOT deliver value for money

To deal with 250,000 tonnes of waste per year:

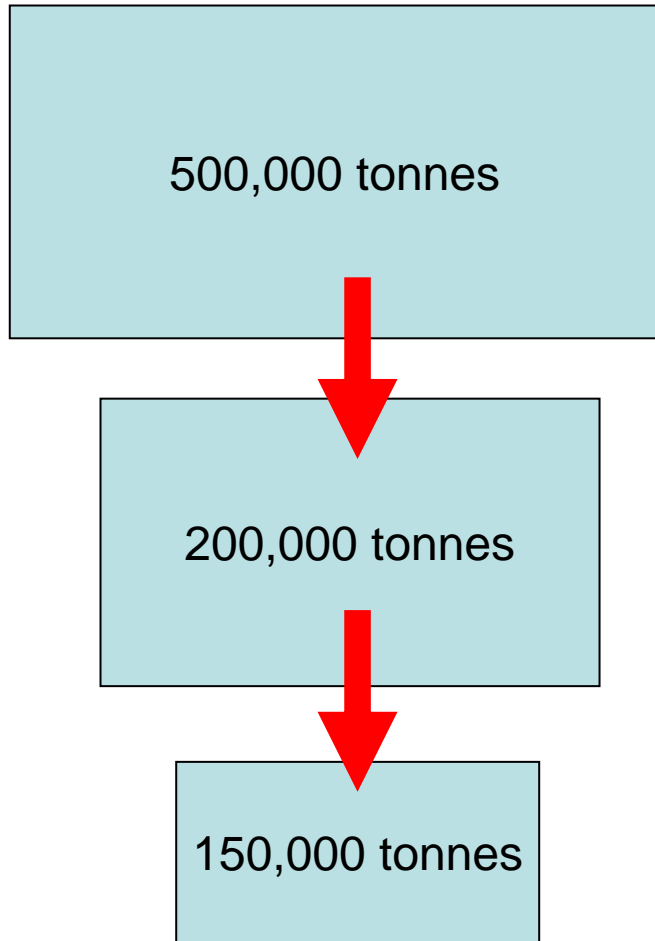
**Incineration**    £83 per tonne,    £2.7m per year

or

**Mechanical  
Biological  
Treatment**    £60 per tonne,    £1.5m per year

*Uses median prices, reported by Govt. agency WRAP (August 2010)*

# The facility is **over-sized**



Total municipal waste generated by NYCC and CYC each year



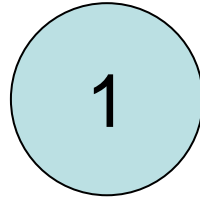
Recycle at 60% in-line with expected new Government targets (as already operates in Scotland and Wales)



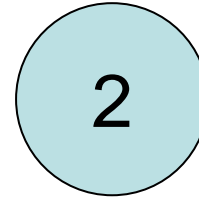
Recover 25% waste using a material recovery facility as in current PFI. At 150,000 tonnes other solutions are viable.

**WHY HAVE AN INCINERATOR WITH A 320,000 TONNES CAPACITY?**

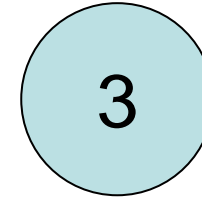
# Other options?



Incineration



Recycle; introduce separate food collection over next 10 years; Mechanical, Biological Treatment



Recycle; Mechanical, Biological Treatment; non-incineration technology for residual waste (e.g. pyrolysis, AD etc)

Cost	POOR	GOOD	GOOD
Environment	POOR	GOOD	GOOD
Process	POOR	GOOD	Developing quickly
Politics	POOR	POOR	GOOD
Public acceptance	POOR	GOOD	GOOD

# Conclusion

- The waste PFI should be REJECTED
  - It's expensive, risky, too big, too long-term, inflexible, planning risk, emits green house gases, inefficient, unpopular
  - Should wait for Govt. waste review – there is no penalty for doing this
- An alternative scheme can deliver the strategy
  - Waste is a resource that has value and it should be recycled
  - Alternatives are cheaper, more flexible, support North Yorkshire economy, and there is less planning risk