

We welcome your views

**South West Devon Waste Partnership (SWDWP)** is currently asking waste management companies to bid for its waste disposal contract.

MVV Umwelt is one of the companies shortlisted for the contract.

MVV is proposing to develop an Energy from Waste plant at a site in North Yard, Devonport, which is in the Weston Mill area of the Naval Base bordering Blackies Wood. The company believes the site at North Yard offers many environmental and economic advantages over an alternative site at Ernesettle, which is no longer being considered.

We are currently working up our proposals in discussion with council planners.

Please let us know if you have any comments or questions on our proposal.



**MVV Umwelt** is one of Germany's leading Energy from Waste companies with around 50 years experience in building and operating waste management plants in Germany. The company is part of the larger MVV Energie group which employs more than 6,000 staff and has an annual turnover of € 3.2 billion.

MVV deals with 1.4 million tonnes a year of waste at its two EfW plants and three biomass facilities which employ the highly efficient combined heat and

power process to generate electrical energy as well as usable heat. This heat can be used to provide local communities with district heating or to supply production facilities with process steam.

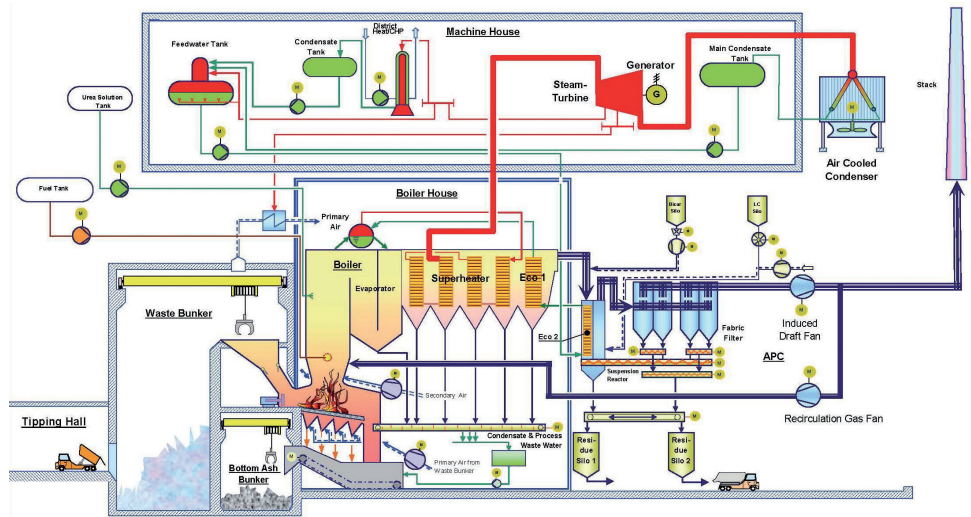
MVV brings a wealth of first-hand experience of operating high efficiency EfW facilities to the UK. It employs staff with wide experience in the UK waste management industry. In the UK, MVV has set up a subsidiary company, MVV Environment, in order to support all of MVV's local activities.

In Germany, MVV is currently working with 19 local authorities in five federal states, to manage and dispose of the waste of more than 4.4 million people across the country.



## MVV Umwelt's proposals for a Residual Waste Treatment Facility

A typical EfW process



If MVV is selected as preferred bidder by SWDWP the company is proposing to develop an Energy from Waste plant to meet South West Devon's need for a facility to dispose of its residual waste. The site is in North Yard, Devonport, in the Weston Mill area of the Naval Base bordering Blackies Wood.

### MVV is proposing:

- ▶ A high efficiency Energy from Waste facility, with sufficient capacity to deal with SWDWP's residual waste as well as regional commercial and industrial waste (no radioactive waste will be disposed of)
- ▶ Heat recovery will be incorporated, which means high pressure hot water or steam can be supplied for domestic or industrial heating
- ▶ Dedicated vehicle access to the site
- ▶ Public facilities, such as a visitor centre
- ▶ Up to 400 jobs during construction and up to 35 permanent jobs during operation
- ▶ Potential commercial benefits to local businesses during construction and operation, including providing accommodation, and services such as scaffolding, welding, plant hire, landscaping and building maintenance
- ▶ If MVV is selected as preferred bidder by SWDWP a Local Liaison Committee would be set up to keep the local community and its elected representatives informed and involved throughout construction and operation of the plant.

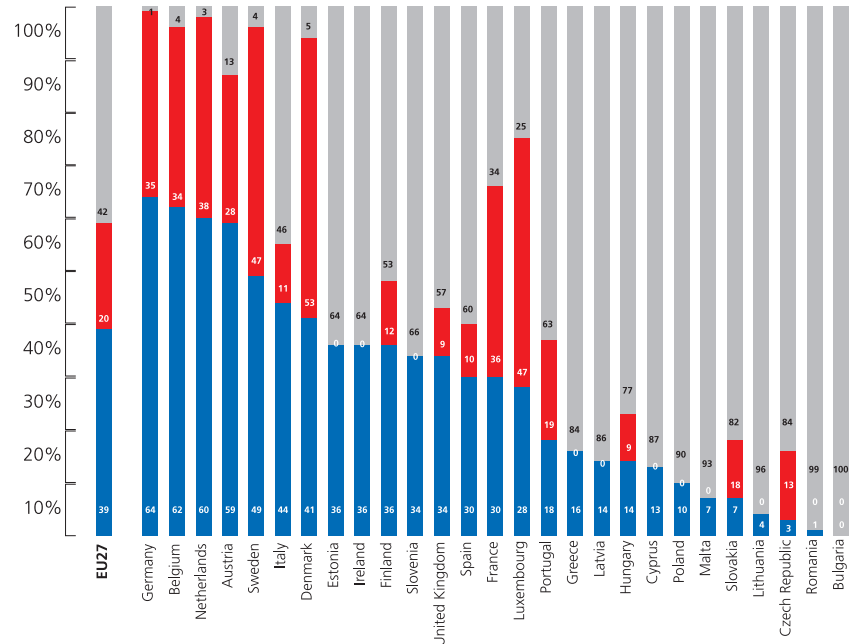


# Why Energy from Waste?

Treatment of household waste in the EU27 in 2007

Source: Eurostat - provides EU statistical data

recycled / composted  
Energy from waste  
landfilling



The United Kingdom has to find alternative waste disposal methods to landfill which produces greenhouse gases which contribute to global warming. Councils which fail to meet stringent new targets will face financial penalties for waste which is landfilled.

Energy from Waste is a clean, modern technology for treating and disposing of the waste which is unable to be recycled. Power and heat can be recovered from the waste and supplied to local homes and businesses.

This method is used throughout the world, saving the burning of fossil fuels and the production of millions of tonnes of CO<sub>2</sub>, as well as harmful greenhouse gases from landfill which contribute to global warming.

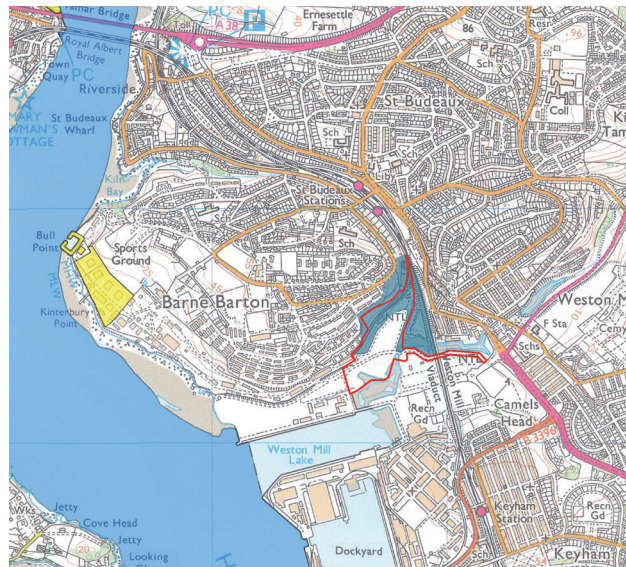
Energy from Waste complements recycling, it does not prevent waste being recycled because it treats the waste left over after recycling has taken place, saving it from being landfilled.





Countries in Europe with the highest recycling rates also use Energy from Waste to dispose of residual waste.





# North Yard, Devonport



-  scheduled ancient monument
-  special area of conservation
-  biodiversity network feature
-  site boundary

MVV believes North Yard, Devonport offers significant advantages as a waste management site. Since we publicised our initial proposals in January, we have been reviewing the design and capacity of the plant and that work is continuing.

The site fits the criteria for other locations set out in Plymouth City Council's Waste Development Plan and is consistent with relevant waste planning policies and objectives.

It is previously developed land and fits into the industrial setting of HMNB. It also has good access through Wolseley

Road (A3064) and Weston Mill Drive (A3064) from the A38 and does not conflict with spatial planning objectives for the site.

The site has been identified by MOD as an area with potential for future development. An Energy from Waste plant would offer the possibility of providing cost-effective heat and electricity for HM Naval Base Devonport, which form a major part of its running costs. Heat and electricity could also be provided to local businesses, and/or district heating for central Plymouth.



When we first publicised our proposals in January, feedback from the public raised a number of points:

**Reasons in support of North Yard:**

- ▶ Proposals were in keeping with the existing industrial area in North Yard
- ▶ North Yard would make better use of reclaimed heat than Ernesettle
- ▶ Power generated would benefit the area
- ▶ North Yard's road network would be more suitable than Ernesettle
- ▶ Incinerator would increase local employment
- ▶ Approved of incineration as a method of disposing of waste

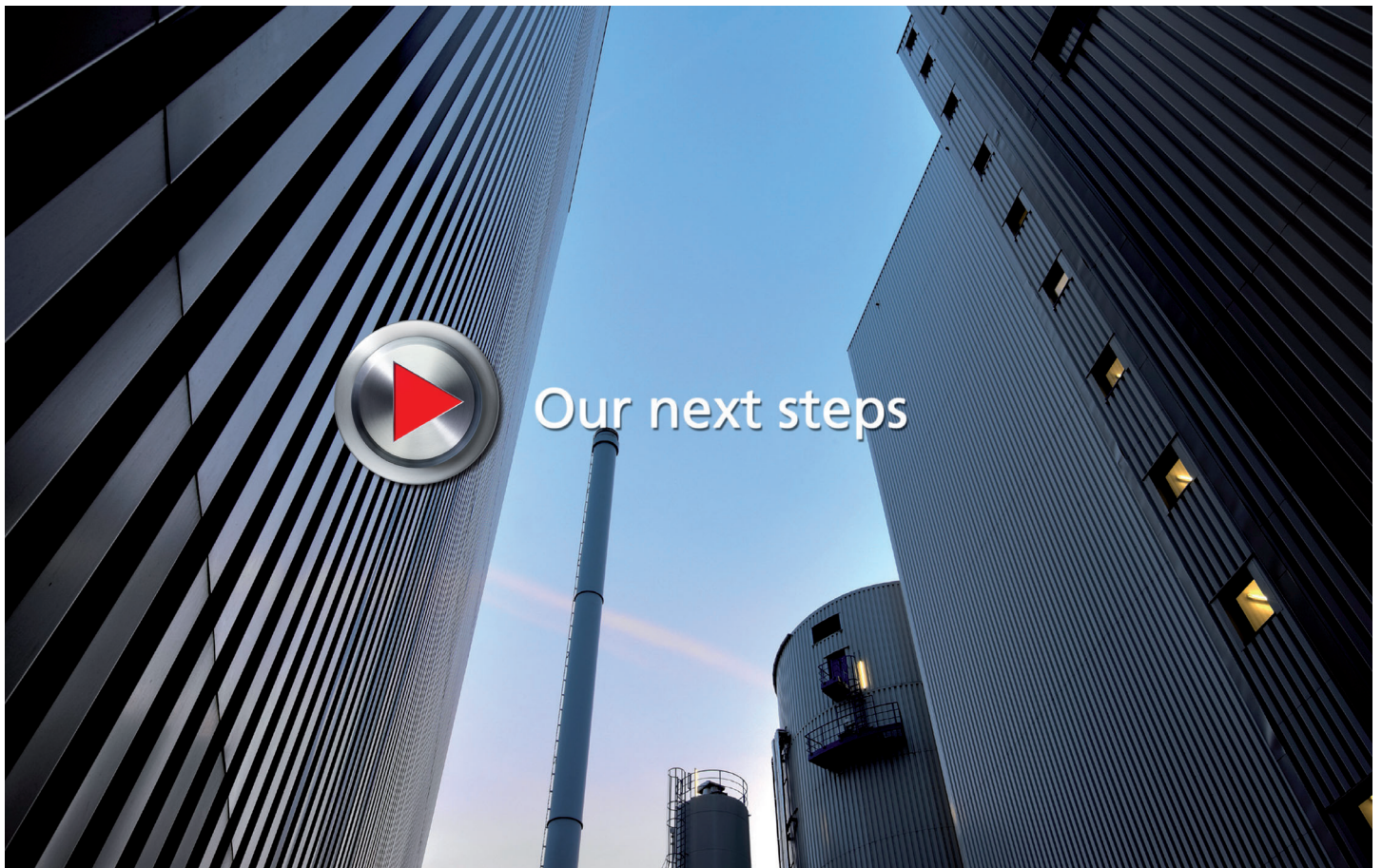
**Reasons against North Yard:**

- ▶ Incinerator too close to houses
- ▶ Concern about emissions
- ▶ Concern about traffic congestion
- ▶ Opposed to incineration
- ▶ Local recycling levels should be improved first

MVV is considering these issues as it develops its proposals and will address them in detail if selected as preferred bidder.

The company remains keen to hear what local residents think of the proposal as it develops. It will listen to the comments made and will respond where possible.





MVV will be submitting detailed proposals to SWDWP in the near future.

If MVV is selected as preferred bidder, the company will then further refine its proposals.

Before submitting a detailed planning application to Plymouth City Council, MVV will undertake full public consultation, to enable local residents to consider fully the proposals and to provide their

comments. At that stage, the company will also discuss with the local community what benefits could be provided.

We welcome questions and comments from local residents about our scheme.

For general background information on the company and its operations, please visit our website at **[www.mvvuk.co.uk](http://www.mvvuk.co.uk)**. Here you will also find a link to see these exhibition boards again and an email address for contact and feedback.