



## Devonport EfW CHP Facility

### Site Visits for Devon schools

We welcome visits to the Plymouth Energy from Waste (EfW) Combined Heat and Power (CHP) facility where over 300 lorries deliver non-recyclable (black bin bag) waste every week, diverting it from landfill and using it as a fuel to generate renewable energy by burning it at very high temperatures.

These visits are free of charge and whilst we recommend a maximum class of 30 - 35 pupils at KS2 or above, the visits are available for smaller or larger numbers and activities can be adapted for all age groups. Schools are required to bring sufficient adults to comply with their own visit risk assessment and should be aware that they will be involved in the running of an activity whilst MVV's Community Liaison manager runs the site tours and Devon's Waste Management Officer runs a materials/resources activity (resources and instructions are provided for all activities).



Please see below for a typical morning at the EfW Visitor Centre

#### 10.00am – Arrive at the Plymouth EfW plant

- Pupils will be shown the facilities available within the Visitor Centre
- All visitors will receive a Health and Safety briefing

#### 10.20am – Carousel of activities (first rotation)

Pupils will be split into three groups; Reduce, Reuse and Recycle and will each participate in the following:

- A site tour which will include visits to the tipping hall where the waste vehicles unload, the control room where the plant is operated from and the boiler platform where the waste fire can be seen
- A video of the EfW to explain the process followed by an EfW quiz and bean bag relay game
- An activity focusing on resources and/or energy (depending on the age of the children and the curriculum focus)

#### 11.00am – Snack

We advise schools to bring a snack and a drink for each child

#### 11.10am – Carousel of activities (second rotation)

#### 11.50am – Carousel of activities (third rotation)



## 12:30 – Depart and return to school

**There is space for lunch at the plant if schools want to eat before travelling back to school. Schools may wish to use the Rooftop Garden (weather and seagulls permitting).**

Please note the following points before requesting a visit:

### Supervision

- Adult supervision (1:11 for KS2)
- For individual pupils that may have particular needs (behavioural or physical) 1:1 supervision will be required at all times in addition to the above ratio
- Non-teaching adult helpers should be aware that they will be required to supervise and discipline, when necessary, children during the split group activities


### Health and Safety

- All precautions have been taken to ensure the safety of all visitors; the pupils will receive a Health and Safety briefing at the start of any visit; it is important the children behave and listen to all instructions given
- All visitors must wear long sleeves, trousers and sensible enclosed footwear; any visitors not wearing the required clothing will not be able to partake in the site tour
- All visitors will be provided with the necessary PPE, this will include a hard hat, safety glasses and a high visibility vest; these must be worn in the correct manner at all times as instructed
- Any visitor with height concerns must be forewarned that the site tour includes a visit to the boiler platform which requires walking on metal mesh flooring (at a height of 8m) through which ground level can be seen
- The Community Liaison Manager reserves the right to end a visit at any time during the day if they feel that any health and safety considerations have been breached

Relevant health and safety paperwork including risk assessments will be provided to the lead teacher upon confirmation of a booking.

If you have any queries or would like to book a visit to the Plymouth Energy from Waste plant, please contact Lucy Mottram, Waste Management Officer using the details below:

### **Lucy Mottram; Waste Management Officer**

 Office: +44 (0) 1392 383519

 e-Mail: [lucy.mottram@devon.gov.uk](mailto:lucy.mottram@devon.gov.uk)

 Website: <http://zone.recycledevon.org>

### **Address of plant:**

**MVV Environment Devonport Ltd.**  
Devonport Energy from Waste CHP Facility  
Creek Road  
Plymouth  
PL5 1FL (For satnav direction use: PL2 2DR)