

# MED Newsletter

Summer 2022

## Inside the MVV Energy from Waste plant at Devonport

Ever wondered what happens to your residual waste, after you have done your recycling? You know, the stuff that just can't be recycled and used to be buried in landfill sites.

**Here's the answer** - We use it as fuel to generate electricity and heat for the Dockyard, with surplus electricity exported to the National Grid. We are therefore part of the energy revolution, generating partly renewable energy from your non-recyclable waste. Since 2015, we have diverted around 1.75 million tonnes of residual waste from landfill and generated over 1.25 million megawatts of electricity.

Our partner councils, Plymouth, Devon County and Torbay are all working hard to encourage people to recycle as much as possible and, more importantly, reduce the amount of waste bought and thrown away in the first place. But there will always be something that can't be recycled, and that's where MVV's Energy from Waste Combined Heat and Power Facility comes into its own. Lorries deliver the waste, collected by the partner councils, at one end and useful energy comes out of the other. We burn 30 tonnes of waste an hour at 1,000 degrees in a large furnace, which is visible through glass portholes. The ash from the fire is taken to Exeter for recycling.

**Jade Beavan**  
Our Community  
Liaison Manager



**We inspire  
with energy.**

## Community Open Day

Thursday 4th August

**11am - 3pm**

So why not come along and see for yourself at this year's Open Day being held on **4th August 2022, 11-3pm**.

This event is a completely **free** family fun day and will include site tours throughout the day as well as things like:

- Food
- Music & Entertainment
- Educational Activities
- Fun & Games
- Local Partnership Stalls & Advice
- Lots of giveaways and even a raffle

There is a limited amount of onsite parking available but don't forget the gates from Blackie Woods (Talbot Gardens) will be open for pedestrians, if you have any questions please contact

## Community Liaison Manager

**Jade Beavan**

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## Small community litter pick in June 2021

Celebrating the final day of the Great British Spring Clean and making sure the woods and tidal creeks are as safe as possible for local wildlife.

## Annual maintenance shutdown

Our annual maintenance shutdown took place in October 2021, together with unplanned maintenance in May 2022, which means we now plan to run until June 2023 without the need for another shutdown.

## Happy Bees Happy World Bee Day

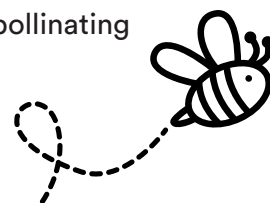
Thanks to our friends at Pollenize CIC, we celebrated World Bee Day with our own colony of European Honey Bees this year!

Probably the best known of all pollinating insects, bees include the famous Honey Bee, as well as the equally important Solitary Bees and Bumblebees. Among all pollinators, bees are unique. In addition to sipping nectar to fuel their own flight, they are one of the few animals to actively gather large amounts of pollen (and hence inadvertently move pollen from flower

to flower). More than one-third of the world's crop species such as alfalfa seed, sunflower, and numerous fruits and vegetables depend on bee pollination, representing billions in economic worth every year.

Unfortunately, due to factors such as habitat loss, chemical use and climate change, global bee populations are in drastic decline.

MVV are delighted to be a part of the amazing work that Pollenize do in Plymouth and beyond, combining community rewilding and scientific research to protect bees and all pollinating insects.



 **Pollenize**



Photo caption:  
Shelley checking our colony  
during one of her routine visits

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