



# Energy Recovery Facility

AVONMOUTH



## UPDATE ON THE AVONMOUTH ERF CONSTRUCTION PROJECT: DECEMBER 2017

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Artist's impression of the Avonmouth ERF

Caption: An aerial photograph of the Avonmouth ERF site taken in November 2017.



# WELCOME TO THE AVONMOUTH ENERGY RECOVERY FACILITY (ERF) COMMUNITY UPDATE

This is the first of a series of regular newsletters to keep you informed of progress throughout the construction of the Avonmouth ERF. Our construction partners started work in the summer and we look forward to continuing to work safely every day. We would like to wish the community around Avonmouth a Happy New Year.

## AVONMOUTH ERF CONSTRUCTION TEAM

Viridor is one of the UK's leading recycling and renewable energy companies and works with local authorities and thousands of businesses to help minimise waste production, recycle as much unwanted material as possible and then produce energy out of anything that remains.

Construction of a £252million Energy Recovery Facility on an industrial site in Avonmouth began in Summer 2017. Once operational the ERF will use safe and environmentally sustainable technology to divert non-recyclable waste away from landfill in the West of England. The project directly supports Bristol's aspirations to develop a low carbon economy.

## What is energy recovery?

Once we have reduced, reused and recycled as much of our waste as we can, ERFs transform any leftover (or 'residual') waste into energy by burning it at high temperatures under carefully controlled conditions, to produce steam. The steam is used to drive a turbine generating electricity - enough energy to power around 44,000 homes.

For more information about how energy recovery works please visit our website [www.viridor.co.uk](http://www.viridor.co.uk)

## Avonmouth ERF factfile

✓ **£252m**  
Investment in the  
West of England

✓ creating around  
**600 jobs**  
during construction

✓ **£1.5m** spent  
locally so far

✓ Supporting  
**45 jobs**  
during operations  
including an  
apprentice

✓ Enough energy  
to power around  
**44,000** homes

# CONSTRUCTION PROGRESS:

What's going on at the Avonmouth ERF construction site over the next few months:

## WINTER 2017

Deliveries of concrete will continue to arrive on site. This concrete is needed to form the piles and the foundations of the facility.

Viridor's construction partners have ordered the larger pieces of process equipment for the ERF including the boiler\*. These components require a long lead time to fabricate including the steam turbine, combustion chamber and waste cranes ready for delivery in 2018.

\*These deliveries will travel along the approved traffic routes for the facility and we will be in contact through our community liaison group to ensure that there is the minimum of disruption, implementing traffic management where necessary.

2017

## AUTUMN/WINTER 2017

The current focus has been on piling – the installation of long columns of reinforced concrete that are driven deep into the ground to give extra support to the building and process equipment that will sit on top.

As the piling continues, the foundations will start to develop with the waste bunker and supporting areas growing up from the ground level. This will become visible from Severn Road over the winter and spring (image of the piling and foundations below).

Viridor's construction partners have established welfare facilities at the site for the construction workers during the project, with now over 100 people working at the site. This will steadily increase over the winter.

## SPRING/SUMMER 2018

The structure of the facility will start to develop, with steelwork being erected to support the process equipment and form the ERF building.

The process machinery (boiler and furnace) will also be erected.

2018



# ACTIVE IN THE COMMUNITY:

Local businesses across the Avonmouth and Bristol area are already playing a key role in the construction of the Avonmouth ERF. Viridor and its construction partners held a 'Meet the Buyer' event in Bristol and over 30 interested companies attended to find out how they could support the project.

Contracts have now been awarded and the project has so far spent over £1.5m within 20 miles of the Avonmouth site with contractors, including Tarmac and GAP Hire Solutions, now working at the ERF (image right).



To support the local community during the construction of the ERF we have established a community liaison group, inviting representatives of the local community to learn more about the project and what activities are taking place on the site in the coming months. For more information about the group please visit our website.



## RECOGNISING GREAT WORK IN THE COMMUNITY:

Viridor sponsored the Volunteer category of the Bristol Post Goldstar Awards to celebrate people who have done extraordinary things and given their time to help an individual, a group, a school or their community.

### NEED TO GET IN TOUCH?

If you have any queries relating to the Avonmouth Energy Recovery Facility please contact us at:

Email: [Avonmoutherf@newgatecomms.com](mailto:Avonmoutherf@newgatecomms.com)

Web: [www.viridor.co.uk /our-developments/Avonmouth-erf](http://www.viridor.co.uk/our-developments/Avonmouth-erf)

Twitter: [@ViridorUK](https://twitter.com/ViridorUK)

### TO REPORT AN INCIDENT, COMPLAINT OR COMPLIMENT:

Call our Freephone customer care line on **0800 975 3029** (24 hours a day, 7 days a week)

Or visit [www.viridor.co.uk/feedback](http://www.viridor.co.uk/feedback)

Or write to: **Viridor Community Team, Avonmouth ERF Site, Severn Road, Chittening, Bristol, BS11 0YU.**

\* This will put you in touch with our partners Newgate Communications who are assisting Viridor with community engagement for the Avonmouth ERF development.