



## Cornwall Energy Recovery Centre update Winter 2017/18

The Cornwall Energy Recovery Centre is a key part of Cornwall Council's integrated approach to waste management, which is designed to increase re-use and recycling, and also put the waste that is left after recycling to good use. The facility diverts much of Cornwall's waste that is left after recycling away from landfill, reducing landfill tax payments and treating the waste to generate enough electricity to power the equivalent of 21,000 homes each year.

### Facility update

SUEZ took over operations at the facility in late March 2017, following the completion of the testing phase known as commissioning. Since March until the end of 2017, the facility had diverted 187,451 tonnes of waste from landfill, processing this to generate 126,859 megawatt hours of electricity.

Planned shutdowns are a normal part of operational life at facilities like the Cornwall Energy Recovery Centre, providing an opportunity to carry out routine inspections and preventative maintenance. There are usually two planned shutdowns a year and the first for 2018 will take place mid-February.

The facility has two lines and we stagger the shutdown, turning off line one first and then line two. Both lines are off at the same time for only a few days, so that the facility can continue to receive and process waste for most of the shutdown.

Our visitor centre opened in April 2017 and has proved popular, welcoming 53 groups during the year, including schools, women's institutes, rotary clubs, young farmers, brownies, scouts and university students. In total, 1,151 visitors came to the facility in 2017. They had the opportunity to explore the visitor centre and go behind the scenes by either going inside the control room or taking a tour around the facility.





## An award winning facility

The Cornwall Energy Recovery Centre was recognised through a number of regional and national awards schemes in 2017. In June, it was named Sustainable Project of the Year at the annual Michelmores' property awards, which celebrate outstanding property and construction projects in the south west. Acknowledging that it was a complex project to design and deliver, the judges praised 'the very impressive end result' recognising the important role the facility plays in diverting Cornwall's waste from landfill and processing waste to generate energy. They also praised the facility's visitor centre.

In October, the facility was a finalist in the British Construction Industry Awards' Major Building Project of the Year category. To round off the year, it was also named as a regional finalist in the 2018 Civic Trust Awards, which recognise projects with outstanding architecture, planning and design and that offer a social, economic or environmental benefit to their local communities.



Michelmores  
Property Awards  
**WINNER 2017**

## Would you like to know more about the facility?

If you are interested in finding out more about the Cornwall Energy Recovery Centre, our community forum continues to meet regularly and our visitor centre will host several open days throughout the year.

The community forum meets four times a year to discuss operations at the facility and the visitor centre. Its members include local Cornwall councillors and representatives from the surrounding parish councils of St Dennis, St Enoder and St Stephen-in-Brannel. Forum meetings are open to the local community and minutes are published on our website. There are currently places available on the forum for local residents from surrounding villages, such as Treviscoe, St Dennis, Nanpean, St Stephen and St Enoder. The next community forum has been scheduled for 7pm on 26 March 2018 at the facility, and you would be most welcome to attend.

Our next open day is on 08 February 2018 and local residents can book to come on a tour of the facility at 10am, 2pm and 5pm. If you cannot make this date, you can register your interest and we will let you know when the next open day is planned.

If you are interested in attending a community forum meeting or would like to book a place on a tour on the open day, please get in touch with our community and education team using the contact details on the back page.

## St Dennis and Nanpean Community Trust update

The Community Trust manages the community funding provided by Cornwall Council and the Cornwall Energy Recovery Centre to support projects in the designated area of benefit in the St Dennis and Nanpean division. During construction, the Trust received £200,000 funding a year from Cornwall Council. Since SUEZ began operating the facility, every megawatt hour of electricity generated by the facility for the National Grid also provides funding to the Trust, supplemented by additional funding by Cornwall Council. In 2017, this amounted to over £76,000.

The Trust is a registered charity and welcomes funding applications from local community groups, voluntary organisations and individuals. It supported a number of local initiatives in 2017, such as the update to the St Dennis playing field which was awarded a grant of £106,280. Completed in early summer, local children were able to enjoy the newly installed play equipment over the holidays.

For details of further projects supported by the Trust and how to apply for funding, visit [www.stdennisnanpeanct.org.uk](http://www.stdennisnanpeanct.org.uk).



## Royal Cornwall Show

Our education and community team joined members of Cornwall Council's waste team and staff from Biffa, the company that collects recycling and waste from homes around Cornwall, at the Royal Cornwall Show in June 2017.

The stand was well attended over the three days and our team were on hand to explain how the Cornwall Energy Recovery Centre is processing Cornwall's waste to generate energy, and encourage people to come to the visitor centre for a tour of the facility.



## Intercollegiate Mining Games come to Cornwall

Work has started in preparation for the 40th Intercollegiate Mining Games which will be hosted at Camborne School of Mines in March 2018.

Held over four days, the event involves teams from around the world competing in seven events using traditional mining methods, many of which were developed in Cornwall. The mine site is one of only two remaining complete Cornish tin mines and is recognised as an important part of the Cornwall and West Devon Mining World Heritage Site.



Ballast Phoenix, who process the ash left over from the energy recovery process to make secondary aggregate products, have helped develop a site that will be used for car parking during this popular event. Ballast Phoenix donated 1,100 tonnes of aggregate, as well as the haulage and machinery to lay the material for the car park. They will also be sponsoring the 'mucking' event and have a stand at the games.



## Apprenticeships at the facility

Daniel Osborne, from Trewoon, St Austell, joined the Cornwall Energy Recovery Centre team on an apprenticeship scheme in August 2016.

Having completed his GCSE's at Penrice Academy, Daniel went on to study A levels in Environmental Science, Applied Science and Geology at St Austell College before deciding to pursue an apprenticeship. Daniel has chosen this route because it offers the opportunity to learn through practical, hands-on work as well as classroom study.

Daniel is one of two apprentices at the facility who were recruited after taking part in an assessment day that involved a variety of activities, from Maths and English tests to problem solving and team building.

During his four-year apprenticeship, Daniel and his fellow apprentice spend one day a week at St Austell College studying different aspects of electrical and mechanical engineering and the rest of the week working at the facility.

Having successfully passed all his modules in his first year with a distinction overall, Daniel is currently enjoying learning about programmable logic controllers and hopes to achieve the same high standard for this year's units of work.



## Raising money for Macmillan Cancer Support

SUEZ works closely with Macmillan Cancer Support, our national charity partner. Staff at our sites around the country take part in events every year to raise funds for the charity and in September 2017, staff at the Cornwall Energy Recovery Centre held a Macmillan Coffee Morning.

The team threw themselves into organising the event – baking cakes, donating raffle prizes and gaining support from local businesses, including local entrepreneur Connor McCabe from Nelly's Cornwall who generously gave his time and provided refreshments – in return for donations to this worthwhile cause. In total, the event raised a fantastic £675.



## Would you like to continue receiving news from the Cornwall Energy Recovery Centre?

In 2018, we'll be moving to email updates, which will help reduce waste. If you would like to continue to receive updates direct to your inbox, please sign up by emailing [cornwallhelpdesk@sita.co.uk](mailto:cornwallhelpdesk@sita.co.uk) with your **name** and **postcode** and 'newsletter registration' in the title of the email.

If you do not have an email address and would like to continue to receive a printed copy of the update, please call **01726 828 230** to register your details.

## Contact us

For queries about operations at the facility, you can contact SUEZ or Cornwall Council.

SUEZ has a helpdesk for queries about the facilities it operates on behalf of the council. The helpdesk can be contacted on **01726 828230** or by email [cornwallhelpdesk@sita.co.uk](mailto:cornwallhelpdesk@sita.co.uk) [www.sitacornwall.co.uk](http://www.sitacornwall.co.uk)

Cornwall Council's waste team can be contacted via the council's call centre on **0300 123 4141**. [www.cornwall.gov.uk/cerc](http://www.cornwall.gov.uk/cerc)

If you would like this update in another format or language, please contact **Cornwall Council**:

By post: **County Hall, Treyew Road, Truro, TR1 3AY**

By phone: **0300 123 4100**

By email: [enquiries@cornwall.gov.uk](mailto:enquiries@cornwall.gov.uk)