

Eco Park Surrey

SITA Surrey is building an Eco Park at Charlton Lane, Shepperton on behalf of Surrey County Council

Work is getting underway on Surrey County Council's innovative, new Eco Park development.

This collection of facilities will process waste from households in Surrey, turning it into a fuel to produce power for the national grid and a fertiliser that farmers can use on their fields.

Visitors to our Charlton Lane community recycling centre may have noticed our contractors beginning works and this update is designed to provide you with a timeline for the development. There are also details of how it will affect the recycling centre, a reminder of what the Eco Park will include and information on how you can keep up to date with progress.



WHO WE ARE

Surrey County Council is responsible for disposing of household waste in Surrey, aiming to do so in the most efficient, economic and sustainable way possible. **SITA Surrey** is the county council's contractor and is responsible for the development and operation of the Eco Park, together with the 15 community recycling centres in Surrey and the four transfer and bulking facilities. It has appointed **M+W Group** to design and build the Eco Park.



working on behalf of



Inside the Eco Park

1 GASIFICATION FACILITY

Gasification is a process that can convert waste into energy. The gasification facility will treat waste from homes in northern Surrey and some waste from local businesses:

- After being mechanically sorted to remove metals for recycling and items unsuitable for the process, waste will be shredded to create refuse derived fuel.
- This will be fed into the gasification unit and heated to a high temperature with reduced oxygen to produce a syngas.
- This will be burnt and the heat from this process used to produce energy.
- Some of this energy will be used to power the Eco Park, but most of it will be supplied to the national grid.
- Emissions from the process go through a multi-stage clean-up process to ensure they meet the strict standards set in the site's environmental permit.

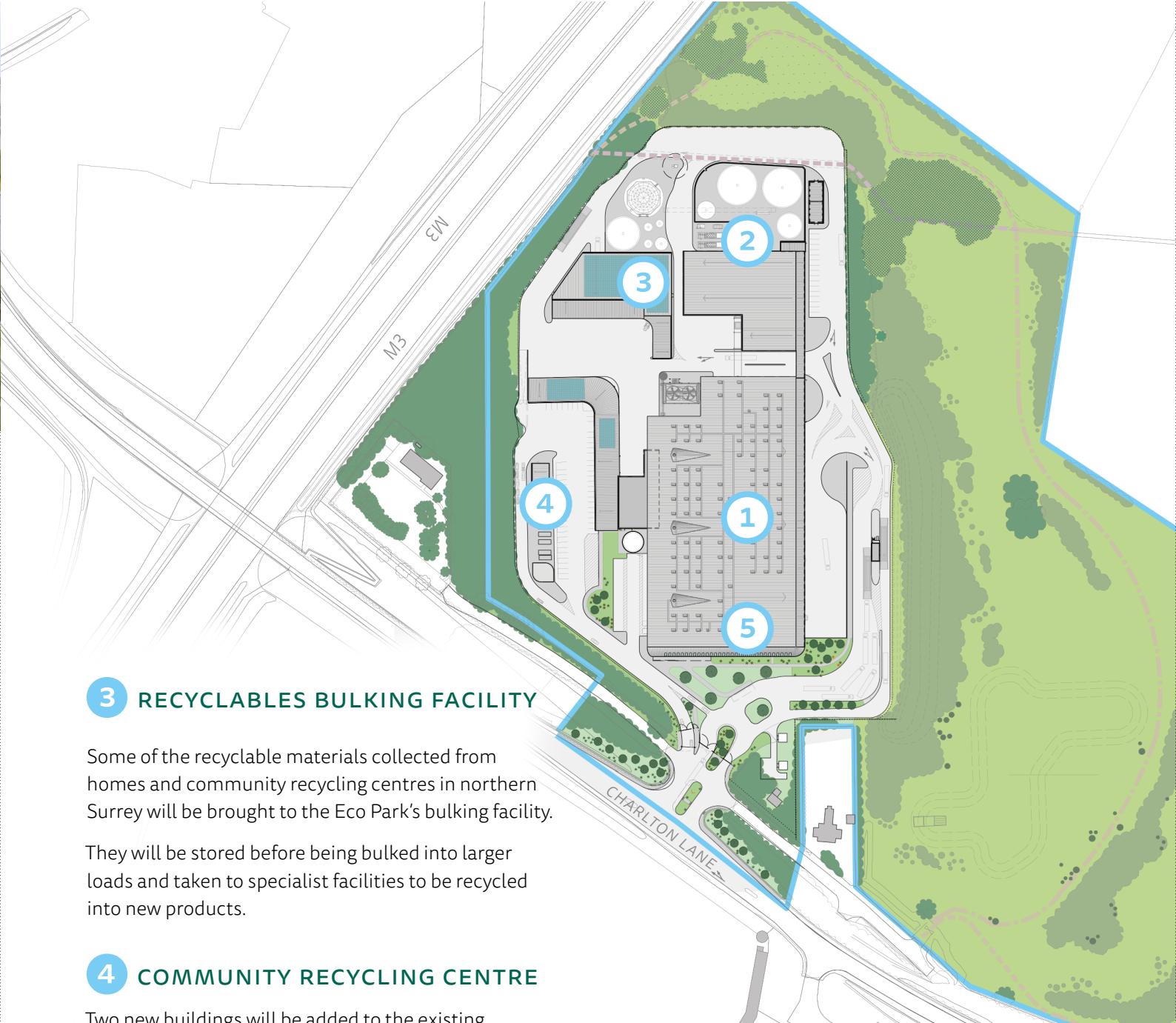


2 ANAEROBIC DIGESTION FACILITY

The anaerobic digestion facility will process food waste from homes around Surrey and some from businesses. Food waste will be broken down by micro-organisms to produce two products:

- A biogas, which will be used to generate electricity that will be supplied to the national grid.
- Digestate; an organic, compost like material that can be used on farmland to replace artificial fertilisers.





3 RECYCLABLES BULKING FACILITY

Some of the recyclable materials collected from homes and community recycling centres in northern Surrey will be brought to the Eco Park's bulking facility.

They will be stored before being bulked into larger loads and taken to specialist facilities to be recycled into new products.

4 COMMUNITY RECYCLING CENTRE

Two new buildings will be added to the existing community recycling centre:

- An office with facilities for site staff.
- A reuse centre where residents can bring items that could be refurbished and reused.



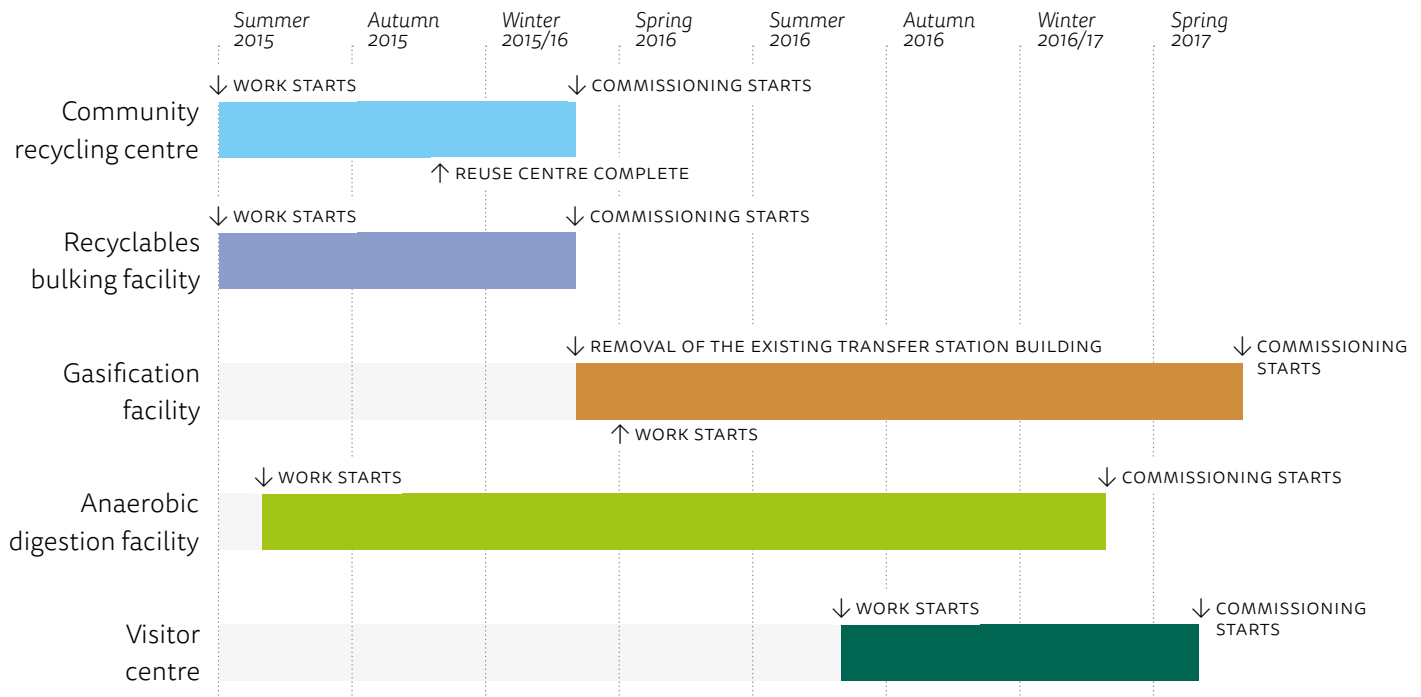
5 VISITOR AND EDUCATION CENTRE

The visitor and education centre will aim to inspire and motivate visitors to change the way they think about waste. Detailed proposals for the centre will be developed during construction.

Construction timeline

Building work is underway and is due to take around two years. As each facility is completed it will go through commissioning to ensure it is working safely and efficiently.

Once commissioning of each facility is complete, it will start operating.



During construction

OUR NEIGHBOURS

During the building works we will be working with our contractors to minimise disruption to people living and working nearby:

- Building work will take place between 7.30AM and 5.30PM on weekdays. Some Saturday working will be needed and this will be between 7.30AM and 1.30PM.
- Construction traffic is instructed to travel to and from the site on routes avoiding Charlton Village.
- Wheel washing facilities will be provided to prevent mud from construction vehicles being deposited on local roads.

COMMUNITY RECYCLING CENTRE CUSTOMERS

The community recycling centre will be open during the building works. However, at times, parts of the recycling centre will be unavailable, which may affect waiting times. To minimise the impact of the building works on our customers, we are:

- Providing four extra members of staff to assist recycling centre customers.
- Extending the site's opening hours until 6pm Monday to Saturday.

Alternatively, residents can visit the Martyrs Lane community recycling centre, Woking GU21 5NJ

For the latest information on how the works are affecting the recycling centre visit

www.ecoparksurrey.uk

Benefits of the Eco Park

The Eco Park will bring a range of benefits for the environment and local community.

It will lead to an overall reduction in lorry traffic from the site compared to the current operation.



Extensive landscaping with a range of plants and trees to enhance the environment around the Eco Park.

42 new jobs will be created from managerial and technical roles, to junior administrative and operational positions and apprenticeships.



A dedicated reuse centre will be a prominent feature, encouraging residents to leave their unwanted items to be refurbished and reused.

After powering itself, the Eco Park will supply energy to the national grid, enough to power up to 8,000 homes.



More information

We are hosting two drop-in sessions so that you can ask any questions you have about the development.

These will be held at the Sunbury Golf Centre, Charlton Lane, Surrey TW17 8QA on:

- Wednesday 8th July, 3PM – 8PM
- Saturday 11th July, 11AM – 4PM

STAY IN TOUCH

If you would like to stay in touch with progress on the Eco Park, please sign up for electronic updates at www.ecoparksurrey.uk or call [01932 766 905](tel:01932766905) to request paper copies of the updates by post.

For questions about the building works, please contact SITA Surrey on [01932 766 905](tel:01932766905) or email enquiries@ecoparksurrey.uk

