



## Energy from Waste Facility, Croydon

Location: Croydon  
Client: Lagan Construction  
Value: £4.8 million  
Duration: 30 weeks

### ENERGY FROM WASTE FACILITY, CROYDON

## Project Description

This energy from waste facility in Croydon was awarded by client, Lagan Construction. Cidon's experience and expertise in this sector was instrumental in securing this contract.

The facility was completed in 2017, when it will begin treating household residual waste from the South London Waste Partnership – comprising of Croydon, Kingston, Merton, and Sutton borough councils.

Generating a capacity of 26MW, the plant will provide electricity to the National Grid and the potential for usable heat for the local industry or housing, producing enough power for around 30,000 homes.

## Unique Features

- Extensive temporary works capability and experience in this sector enabled quick and efficient design solutions.
- Bunker walls incorporating buttress columns and corbels, jump formed with PERI CB 240 & Trio Panel system.
- Integration of precast concrete solutions within the design facilitated a reduction in the number of high risk operations for complex elements within this structure.

