

ENVIROPARKS: PROJECT EVOLUTION 2010 – 2020



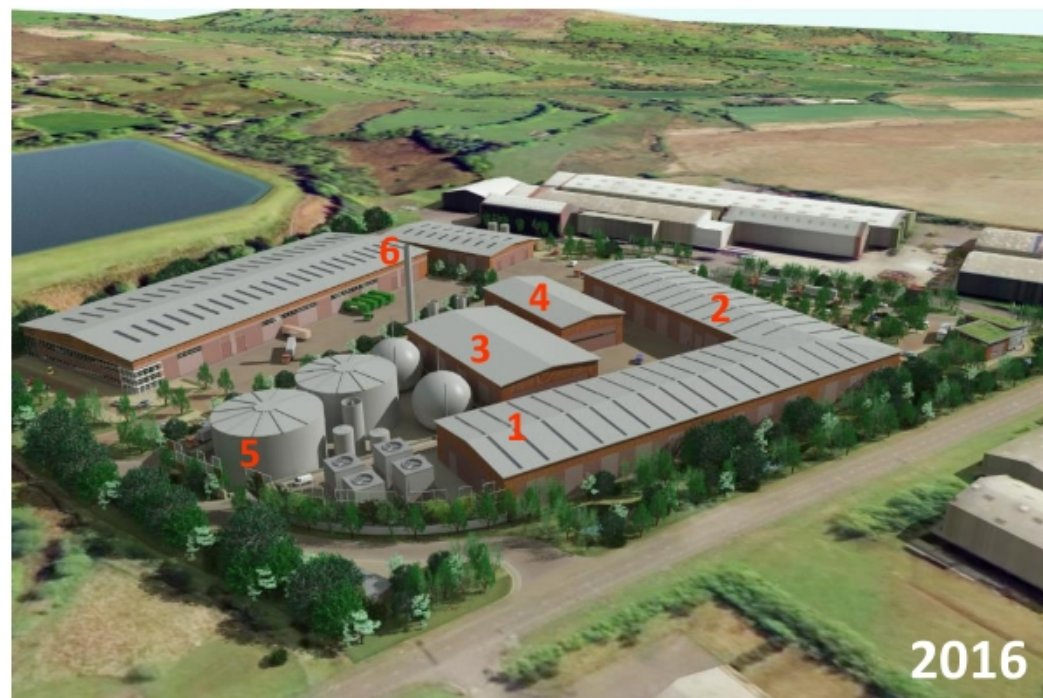
2010

In the Enviroparks proposals approved in 2010, the gasifiers were in an open yard (1) with separate fuel storage (2), pyrolysis (3) and energy generation (4) buildings in the centre of the site, with a stack. The anaerobic digestion plant (5) can be seen on the left. Also visible at the back of the site is a high energy user building (6) to attract new employers with high energy demand to the area (7), and the Biomax process building.



2019

In the proposals approved in 2019 the building on the Fifth Avenue frontage is raised by two metres to increase the space for fuel storage (A) and accommodate the energy generation in a turbine hall (B). A gasification hall is located near the centre of the site (C) with a service yard to the west (D) containing water and other tanks. The stack (E) stays in the same position with an increased diameter and a five metre addition in height to 45 metres. The anaerobic digestion plant is deleted.



2016

In 2015-16 planning permission was granted to enclose the gasification yard in an extended building on the Fifth Avenue frontage of the site (1) and to increase the roof heights of the pyrolysis building (3) and energy generation building (4). A reconfigured anaerobic digestion plant with fewer, larger, tanks (5) was retained in the scheme. The stack (6) was unchanged. During 2015-16 the Fuel Preparation Hall (2) was constructed.



2020

In the current proposals the central stack (1) is relocated to the yard between the existing fuel preparation hall and the consented gasification hall. The stack is increased in height to 90 metres to achieve better emissions dispersion and reduce nutrient deposition on protected grassland habitats. Otherwise the development is unchanged from that granted planning permission in 2019.