



CLIMATE CHANGE ADVISORY PANEL

20 SEPTEMBER 2021

SUPPLEMENTARY PAPERS

TO: ALL MEMBERS OF THE CLIMATE CHANGE ADVISORY PANEL

The following papers have been added to the agenda for the above meeting.

These were not available for publication with the rest of the agenda.

Kevin Gibbs
Executive Director: Delivery

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9. VISIT TO BIOGEN ANAEROBIC DIGESTER FACILITY IN DUMMER HAMPSHIRE.	1 - 2
Following the discussion on the benefit of Anaerobic Digestors (last meeting) – 3 members of the committee (Cllr Sandra Ingham, Cllr Ray Mossom and Cllr Tony Virgo) arranged a visit to the Biogen Facility in Hampshire on Friday 3 September 2021. The members were taken on a tour of the facility and were able to see at first hand the process of converting food waste/crops into Electricity which powered twothousand houses and supplies valuable fertilisers for Wheat and oil seed rape. <u>A supplementary report to follow.</u>	

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Agenda Item 9

Comparison of 2 AD plants using questions asked:

QUESTION	OXFORDSHIRE	BASINGSTOKE
Tonnage of feedstock the plant takes in on an annual basis	50,000 tonnes/pa	29,000 tonnes/pa
What is the tonnage made up from	Food waste	Food waste and arable crops
Which local councils supply you with food waste	re3, RBWM, Vale of White Hors, South Oxfordshire	Isle of Wight, Hants, Eastleigh, Portsmouth and commercial businesses inc. Waitrose Bracknell
Which process does the plant use - Anaerobic Digestion with Electricity to Grid or Anaerobic Digestion with Biomethane to Grid	Electrical Grid	Anaerobic digestion and Biomethane to grid (they harvest methane gas)
What is the size of the plant footprint?	2.7 hectares	1.6 acres (0.647 hectares)
How did they engage with the public when the site was first proposed and also through its build and what issues arose – and have been raised whilst the site has been operational?	Unknown, no issues raised whilst re3 has been engaging with this site	Biogen put considerable effort into working with the local community into the running of the site when it bought the plant in 2018. There was much hostility to its existence before the company purchased it but through careful adjustments to lorry movements and reducing the emission of unsavoury odours, the plant now works without objection, but Simon stressed it took a lot of careful handling and compliance and this need to be monitored daily. He went on to say, 'It is essential to bring the community with you regarding planning matters.

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