



TYSOE PARISH COUNCIL

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Acorn Anaerobic Digester facility proposal

Hardwick Green, Tysoe

Planning application 22/02935/FUL

PRELIMINARY FACT SHEET

Acorn Bioenergy Ltd has applied to Stratford upon Avon District Council for planning permission to construct and operate a large anaerobic digester (AD) plant on land north of the A422 and west of Kineton Road in the parish of Tysoe.

Tysoe Parish Council will be meeting on 7th November to consider this application and to determine its response. In the meantime the Council has prepared this Preliminary Fact Sheet to inform residents and other interested parties of the implications of such a development.

How to comment on the application

Anyone is entitled to submit comments on the application. However, any objections must be based on planning considerations and not on mere preference. The planning considerations might include the impact on the landscape, especially on the Cotswold Area of Outstanding Natural Beauty (AONB), the impact of traffic on the community and surrounding countryside or the un-justified nature of such a large industrial plant being installed in the rural community where any small benefit will be vastly outweighed by the harm rendered by the plant.

You should submit your comments by email to the Planning Case Officer, Joseph Brooke at joseph.brooke@stratford-dc.gov.uk before **18th November 2022**. You should include your name and address in your submission.

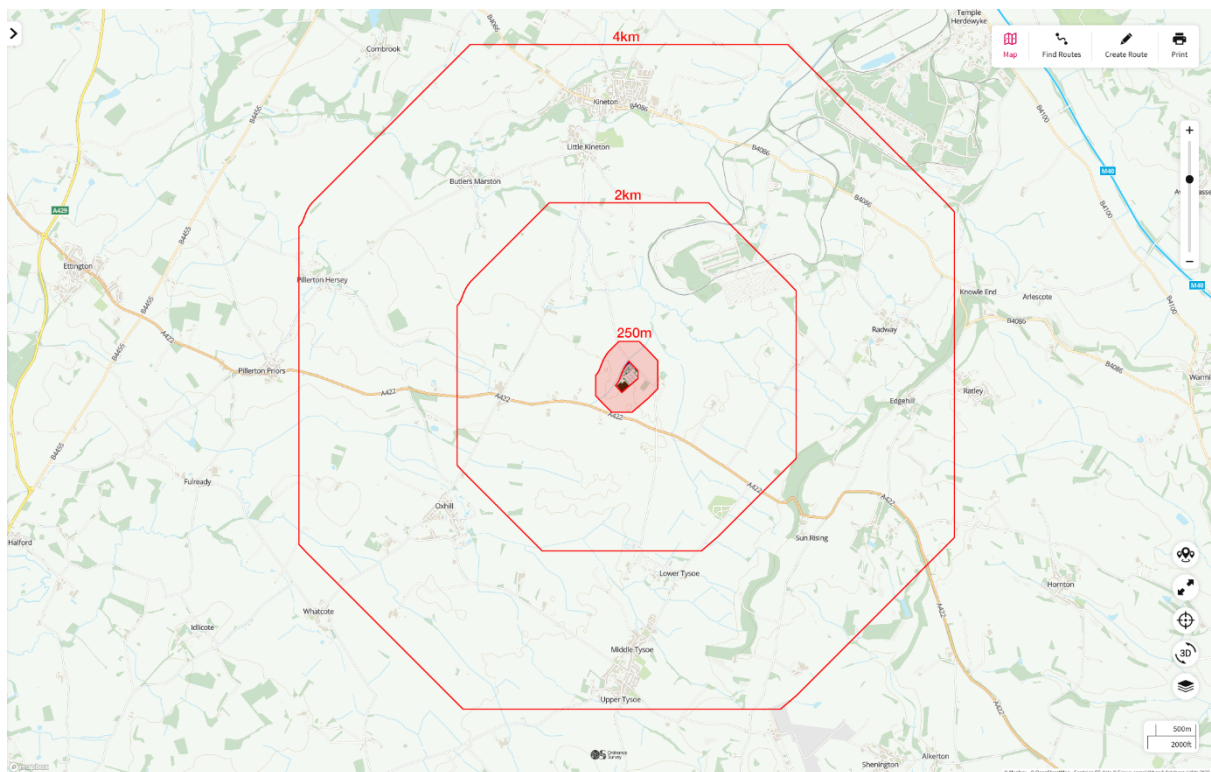
Summary of proposal

Acorn intend to import to the site 92,000 tonnes of feedstock (silage, ryegrass, maize and grass) including poultry litter and animal slurry, per year which will be transported by farm tractor/trailer and HGV from farms to the digester. The feedstock would undergo anaerobic digestion which produces biogas which would be upgraded on site to biomethane. This would be removed from site by road tanker to a facility in Banbury. The digester is expected to produce 20,466,506 cubic metres of biogas per annum . The biogas will be transported by road to a gas hub in Banbury. As a by-product to the process the digester will also produce a solid soil conditioner and liquid fertiliser (digestate) which can be used on farmland (once transported to farms). Liquid CO₂ will also be produced and transported by road tanker to end users in the food industry.

At the time of writing Acorn have no digesters up and running in the UK. We understand that they are financed by a Spanish private equity fund and any profits will be repatriated to Spain.

Where is the site?

See map below



The proposed digester would be on a greenfield site approximately 1.5miles north of Lower Tysoe, and 250 m west of Hardwick House (Grade II listed) and

the settlement of Hardwick Barns. The site is on the flat ground below the Edge Hill escarpment and less than 2,000m from the boundary of the Cotswold AONB and would be clearly visible from it.



View of the proposed site from the Cotswold AONB. The plant would be located in the upper-centre of this photograph.

In normal prevailing wind conditions the villages and settlements of Radway, Ratley, Edgehill, Hardwick House, Hardwick Barns and the Cotswold AONB will be downwind of the digester.

What is the scale of the plant?

The proposed site would cover an area of 8.45ha, or almost 12 football pitches. The main components of the plant are a liquid digestate lagoon with a capacity of 19,466 cubic metres, or approximately 8 Olympic size swimming pools and 5 large, concrete digester tanks each with a height of 16.5m, including their plastic domes, or the height of 4 double decker buses. This will be one of the largest farm-fed digesters in the UK.

Once the Parish Council has considered the application in detail and determined its response we will add further information to this Fact Sheet.

The application can be seen at

<https://apps.stratford.gov.uk/eplanning/AppDetail.aspx?appkey=RJ8HVKPMHJ000>