



Brampton & Beyond
Energy Ltd

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www.babenergy.co.uk

Why AD?

- Continuous power 24/365
- Assured feedstock supply
- Local expertise and op support
- Triple bottom line benefits
 - Environmental
 - Economic
 - Social

Benefits – the triple bottom line

Environmental benefits

- Towards a zero carbon community to reduce global warming
- Waste reduction – farmyard manure, green matter and other waste
- Pollution reduction – nitrate vulnerable zone, slurry lagoons

Economic benefits

- Local businesses and jobs (construction and operation)
- Farm diversification (energy crop, soil improvement)
- Energy efficiency and saving initiatives (with DSO)

Social benefits

- Community projects (energy poverty, mental health, wellbeing & culture)
- Support to disadvantaged individuals and groups
- Working with local educational establishments (Secondary School, Agricultural College, UofC etc)
- Creating greater community resilience (Carnegie Compass (people, culture, economy, links) emergency planning etc)

In the longer term

- Exemplar for other rural communities
- Responding to changing land use
- Micro-enterprises exploiting surplus heat, CO2 and digestate
 - Organic food growing
 - Woodchip drying
 - Fertiliser and animal bedding
- Developing partnerships with UU, our DSO, Story Housing and others
- Potential energy storage applications
- Education opportunities (R&D, GCSE/A level projects, apprenticeship etc)

Challenges

- Planning approval
- Community shares
- Raising capital
- Operational management



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