

ALG-AD

Creating value from waste nutrients by integrating algal and anaerobic digestion technology

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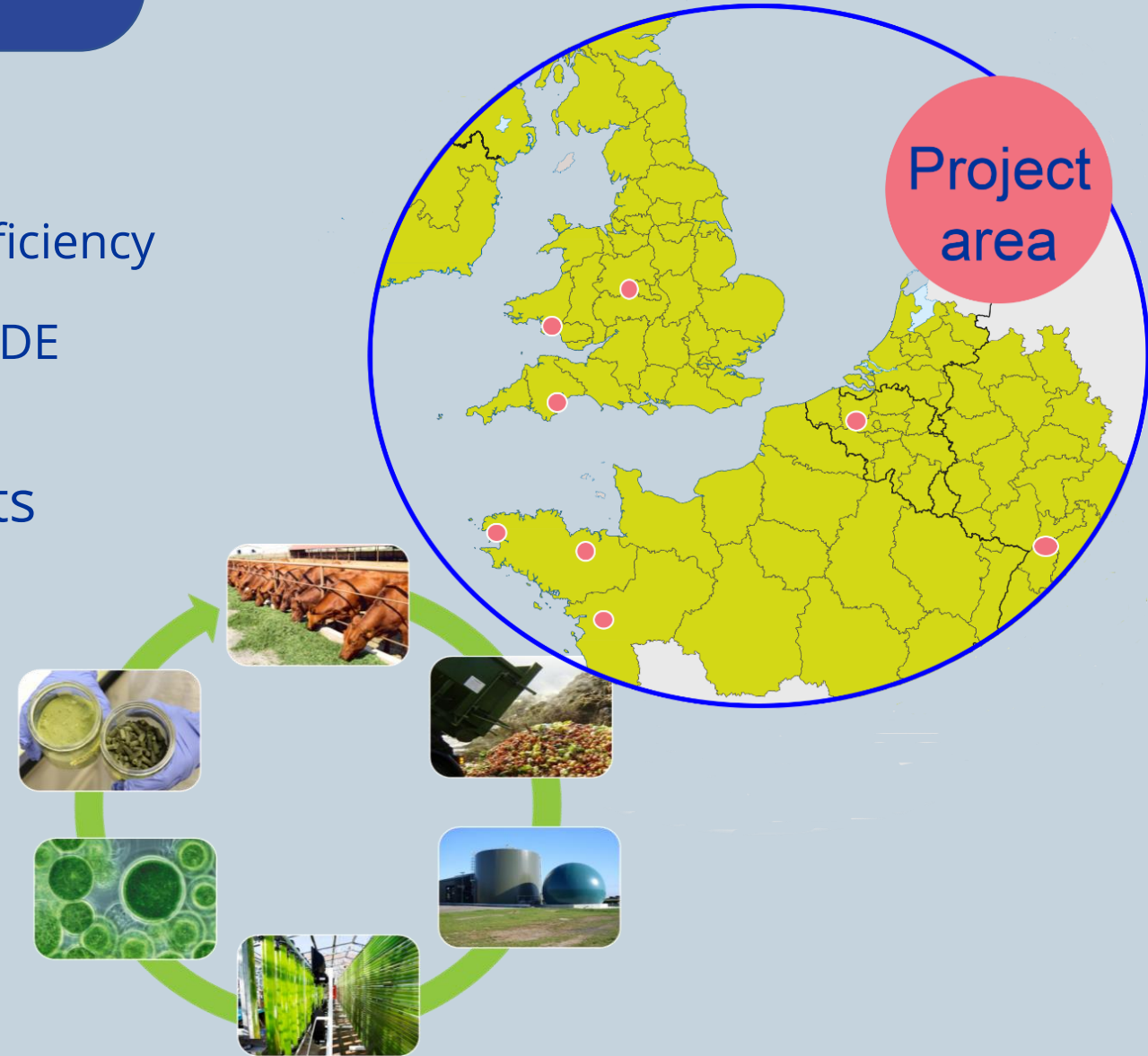
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WHAT IS THE ALG-AD PROJECT

- ✓ Interreg NWE funded project - €6.2 million
- ✓ Interreg theme – Resource and Materials Efficiency
- ✓ 11 partners across 4 countries – UK, FR, BE, DE
- ALG-AD – growing algae using nutrients in excess digestate, to be used as an animal feed ingredient
- Objectives – Build three pilot facilities
 - Convert digestate to algal biomass
 - Develop into animal feed products
 - Generate Decision Support Toolset



REGULATORY REVIEW - HIGHLIGHTS

- No specific framework for microalgae grown on digestate
- Despite treatment, safety analysis, transformation, cannot use biomass from AD using ABPs for animal feed (e.g. Cat 2: manure...)
- Digestate from plant based inputs, or Cat 3 ABPs (excluding catering waste) **CAN** be used
- Alternative markets – derogations required – e.g. feed for non-food producing animals: Pet food, zoo animals.
- Biostimulants – most promising market. No authorisations required

