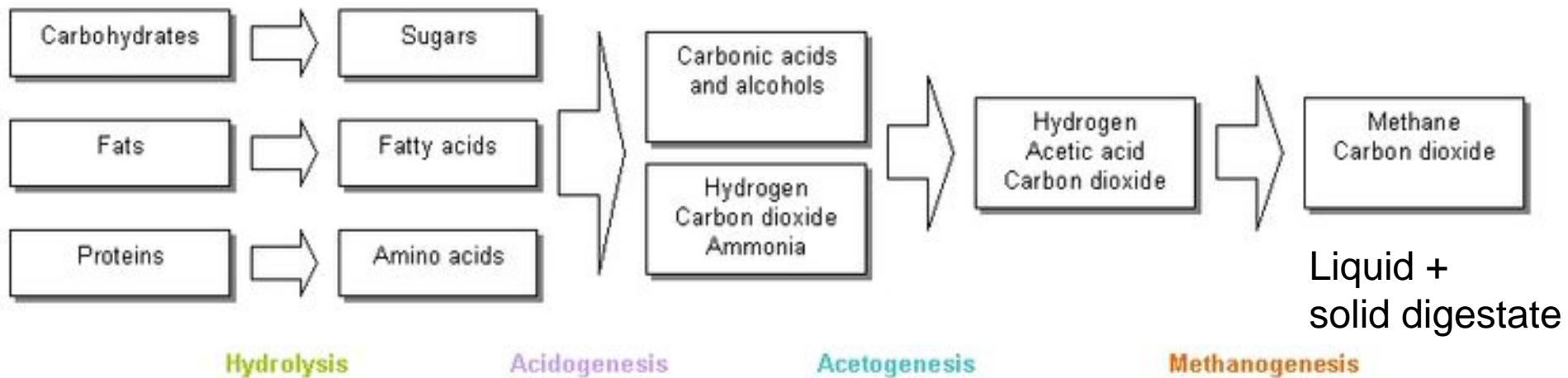




CH4 Power – Biogas and Beyond

Adrian Venni,
Managing Director

What is Anaerobic Digestion?



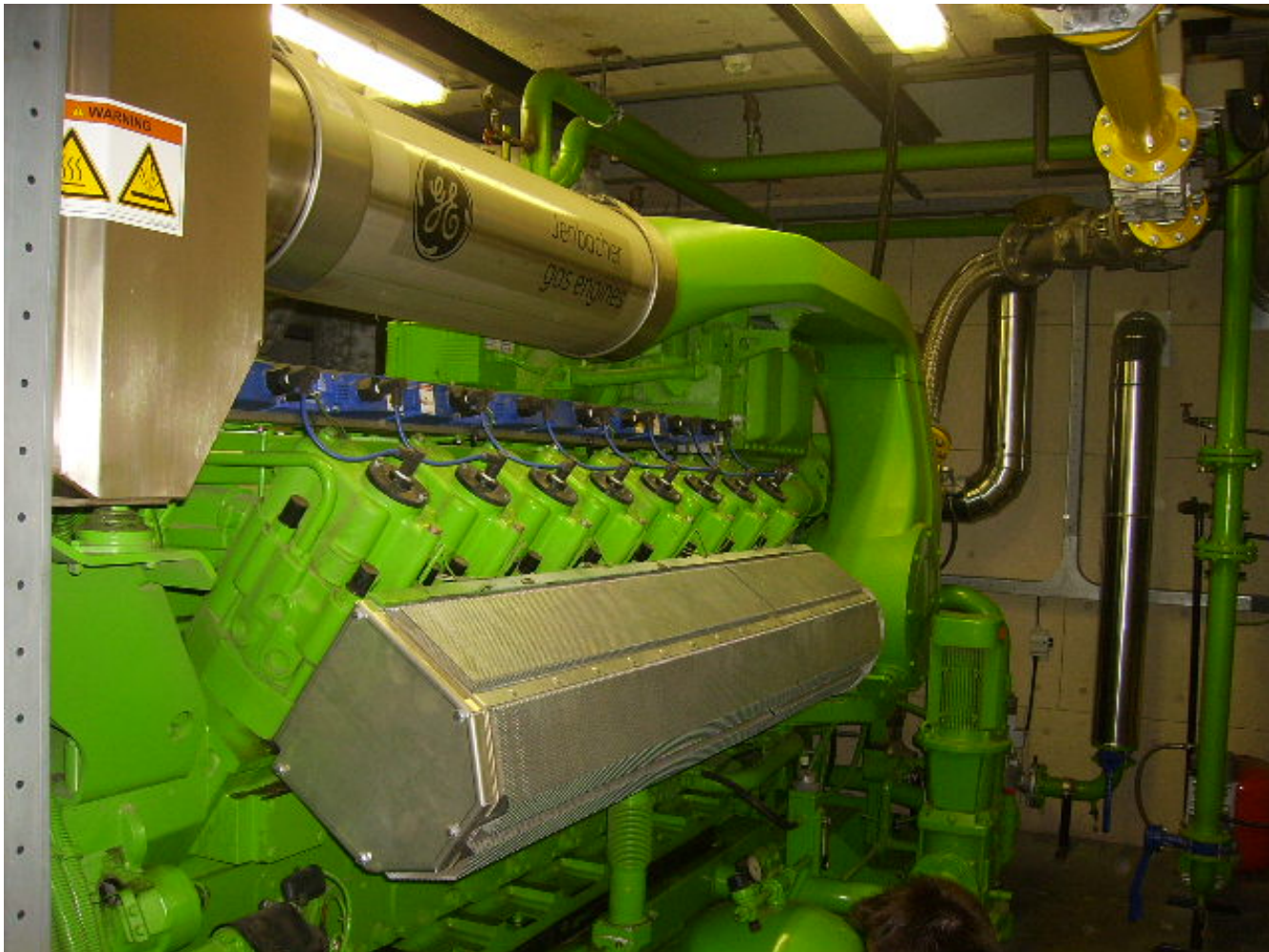
What does an AD plant look like?



What does an AD plant look like?



What does an AD plant look like?



What does an AD plant look like?





What is the capacity of the region?

- Biomass available as feedstock
- Output of biogas per ton of feedstock



What can the biogas be used for?

- electricity generation
- CHP
- feeding into grid
- transport fuel



How can one add value?

- Use of liquid digestate as
 - Fertiliser
 - Growth medium for aquatic plants (incl algae)
- Biomass generated could be
 - Fed back into AD plant
 - Harvested for higher value use
 - Fed into biorefinery



Collaboration on growth trials

- Mark Coleman, UEA:
aquatic plants
- Algal Bioenergy Consortium, Cambridge:
algae
- Growth trials started

Collaboration in action

