RENEWABLE ENERGY ASSOCIATION

14th November 2017

National Motorcycle Museum, Solihull

BIOSURF Fuelling Biomethane

Biology day

a one day training event for AD plant operators on how to optimise biogas production

Maintaining healthy biology within an anaerobic digester is the most critical aspect of running an AD project. Operating a plant sub-optimally can result in reduced methane production, poorer quality digestate and reduced financial return. At worst, when digester biology isn't correctly looked after, it can result in severe downtime with plants being out of operation for weeks and even needing to be re-seeded. Don't risk this happening to your plant.

This one day training course will help you understand the biological processes involved in biogas production and how to look after your digester to maximise biogas production and minimise downtime.

Topics covered include:

- types of bacteria and archaea and replication rates
- stages in the anaerobic digestion process
- the biomethane potentials of different feedstocks
- the issues associated with certain feedstocks
- what to monitor onsite and when to use a professional laboratory
- the importance and role of trace elements
- feeding regimes
- inhibitors of the anaerobic digestion process
- the impact of temperature and pH
- the role of enzymes
- early warning indicators
- restoring optimum performance

Who should attend?

Open to REA members and operators of AD plant

Who should attend?

Hear from leading specialists in AD nutrition and plant optimisatio

FM BioEnergy A ForFarmers Company

Tim Elsome & Adrian Rochefort (FM BioEnergy)

Dr. Melanie Hecht & Dr Harald Lindorfer, Schaumann BioEnergy GmbH

SCHAUMANN BioEnergy

£20 + VAT

REA members can register via https://www.regonline.co.uk/BiologyDay

Non-members can request a place via https://www.surveymonkey.co.uk/r/AD-Biology