

About the REA

Largest UK trade association for renewables:

- Over 900 corporate members
- All sizes – one man bands to multinationals
- All sectors (power, heat, green gas to grid and transport & waste)
- members' activities span all technologies
- unparalleled track record of policy wins
- work with other associations
- members of all sizes with democratic, 1 member, 1 vote structure
- FITS & RHI campaign with FOE



Gaynor keeps up the pressure - 50 MPs, balloon, 150,000 cards



REA Biogas – plus the wider picture

- Biogas website – members
- bi-monthly meeting & report – 30 pages
- special purpose sub groups
- BCS website – open to all
- policy experts – see “credit card”
- Training courses – RHI, FITs, EMR, RO
- biogas related consultations
- Reports - EMIB – Biomethane Entry Facility
Technical Specification, Masstock/REA

REA Biogas

Power - Heat - Transport - Injection to Grid

Since 2004 REA Biogas has been championing the cause of anaerobic digestion (AD) and has been the unifying force which has helped to bring the industry forward into the expansion we have seen in the past two years. We are a democratic association in which all organisations and members have an equal say, and we take pride in working to promote the sustainable production of biogas for power, heat, transport and injection to grid.

Who we are

REA Biogas is the trade association for the biogas industry in the UK. Since 2004 we have been the unifying force championing the biogas industry, playing a major role in delivering the expansion that we are now seeing. If you're in the biogas business, you need to become a member of the REA.

Read more about [who we are](#).

What is Biogas?

Anaerobic Digestion is the natural biological process which converts organic materials into biogas and a useful fertiliser. The Biogas is used to generate electricity, to provide heat and cooling or alternatively cleaned to pipeline quality gas for use in vehicles or for injection into the national gas grid.

Read more about [Biogas](#).

Our Members

Our members come from across the entire biogas industry supply chain, supporting the development of merchant, on-farm and community AD, syngas from gasification, landfill gas and water treatment facilities, and the use of biogas for power, heat, transport and injection to grid. Membership of REA Biogas is vital for people who are shaping the future of the industry.

See our [membership directory](#) or [apply](#).

Meet some of the REA team

Paul Thompson



Tricia Wiley



Stuart Pocock



Gaynor Hartnell CEO



Leonie Greene



Mike Landy

David Collins



John Baldwin



major themes for AD

- capacity of the industry – shortfall between NREAP and cost controls
- financial incentives – FiTs, RO, RHI, EMR
- government view on feedstocks – wastes versus purpose grown crops
- balanced industry – large & small scale
- digestate, end of waste/recycling and BCS
- standards, training, links/learning - other countries
- Regulation
- Consistent messages for government

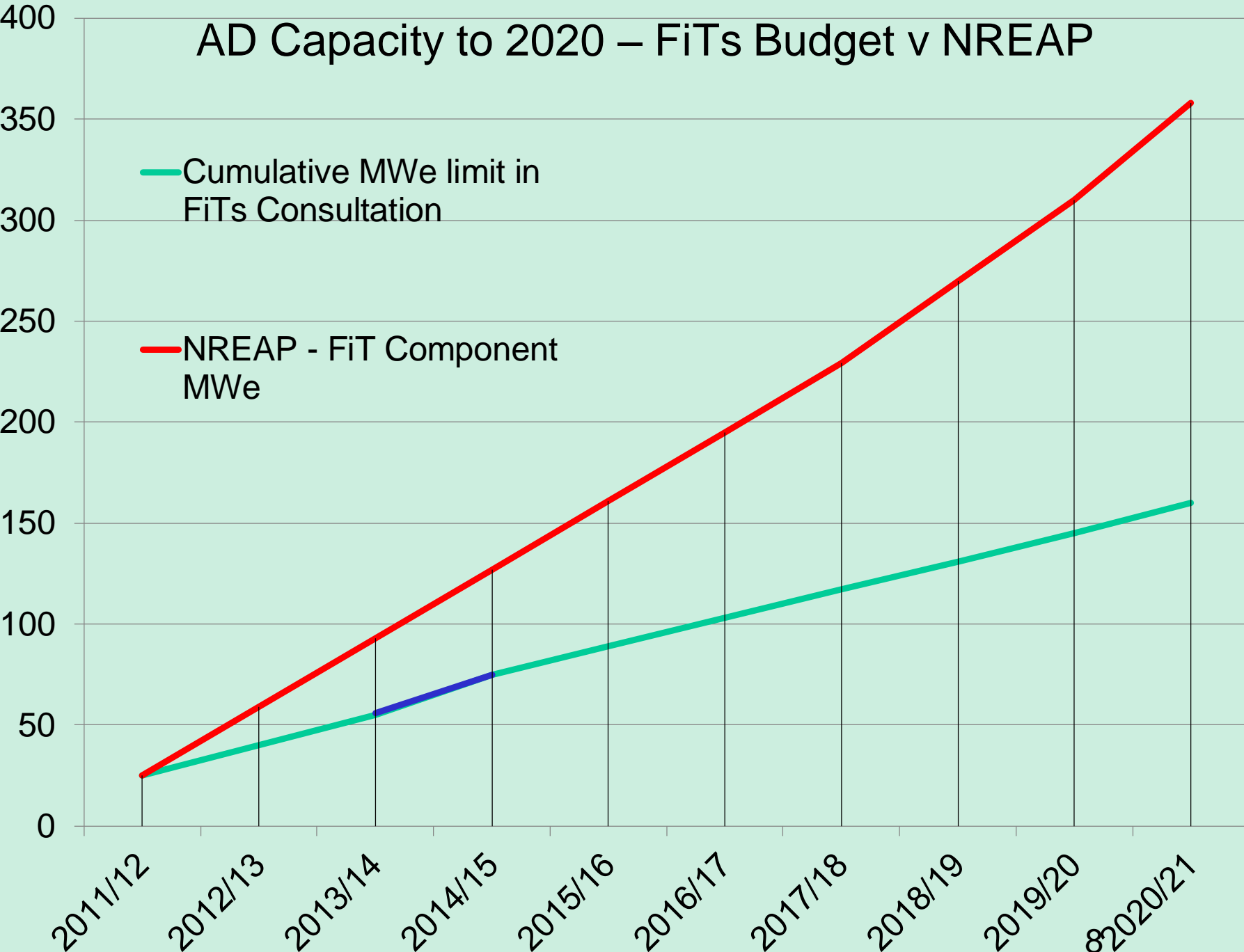


National Renewable Energy Action Plan for UK (electricity)

Biogas Installation	Capacity May 2012 MWe	Binding Targets for 2020/1 MWe
NREAP Targets for Biogas	1300 (Est)	1100
Landfill industry estimates	1000	274
Water Treatment	110	110
Shortfall		716
Purpose Built AD – FiTs	13.7	358
Purpose Built AD - RO	41.3	358

In Defra Strategy - Future Potential (Section 85) "the forecast potential for AD deployment for electricity could reach between 3–5 TWh by 2020" – that is 428 – 714 Mwe (at 80% load factor)

AD Capacity to 2020 – FiTs Budget v NREAP



Feed in Tariff Consultation – 2b

- Extensive meetings with members, both at general meetings and dedicated working group
- Members who were unable to attend meetings kept informed via minutes
- detailed written consultation response.
- follow up meeting with DECC on way forward

A number of issues are outstanding with wider implications for AD – particularly Defra's reluctance to support use of 'purpose grown crops'



Renewable Energy Assurance Ltd
REAL



Choose CB

Approved Labs

Oversight Panel

Certifying Bodies
Appeals Committees

UKAS

Quality Digestate

YES

Quality Protocol & PAS110

NO

Waste

“End of Waste”

- EU Revised Waste Framework Directive
 - new regulation - criteria for EoW replacing the authority of the ADQP
 - integration with BCS
 - Defra Work Group
 - build on existing system digestate market
- BCS also making direct representations to:
 - Joint Research Council – creating the detailed report
 - 1st Secretary Environment – UK Rep Brussels
 - Lord Taylor
- At same time – review of PAS110 and ADQP
 - pasteurisation, RBP, Heavy Metals
- BCS actively promotes innovation - flash



Training

- week-long Biogas Course every January
- 2- day course - optimising digester biology and operating parameters – this week
- RO, FiTs RHI Courses run by REA
- working on identifying new training support schemes
- Links to CIWM and EU Skills
 - occupational standards for AD



Attendance on this course is essential for anyone with plans to finance, design, build and especially run a plant.” - Bidwells

RHI

- Working very closely with RHI team on the consultation
- 2 members meetings - working group - DECC and Ofgem
- REA briefing note as a result – seeking to build consensus



What's Next?

- first registrations on GGCS expected soon
- RO decisions
- FiTs decisions
- new consultation on sustainability on RO
- July RHI consultation on sustainability & long term cost control and developing status of biomethane (moving to accreditation)
- September RHI consultation - biogas tariff for 200kWth and above
- EMR
- Planning
- EoW

Welcome to discuss joining REA

