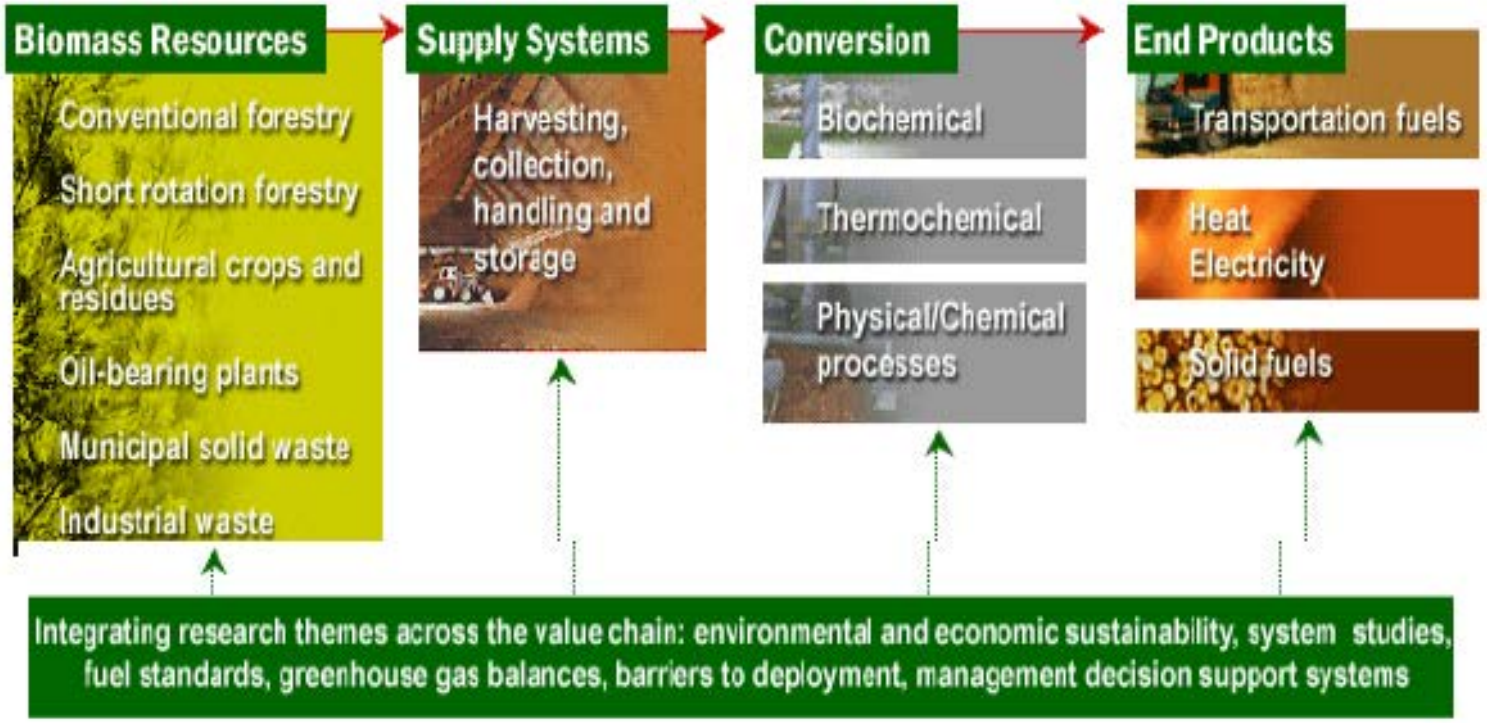
Task 37
Energy from Biogas

An Overview

David Baxter

IEA Bioenergy



www.ieabioenergy.com

IEA Bioenergy presently comprises 12 Tasks

Task 29: Socio-Economic Drivers in Implementing Bioenergy Projects
Task 32: Biomass Combustion and Co-Firing
Task 33: Thermal Gasification of Biomass
Task 34: Pyrolysis of Biomass
Task 36: Integrating Energy Recovery into Solid Waste Management
Task 37: Energy from Biogas
Task 38: Greenhouse Gas Balances of Biomass and Bioenergy Systems
Task 39: Commercialising Liquid Bio-Fuels from Biomass
Task 40: Sustainable International Bioenergy Trade – Securing Supply and Demand
Task 41: Joint Project with the Advanced Motor Fuels Implementing Agreement
Task 42: Biorefineries: Co-Production of Fuels, Chemical, Power and Materials from Biomass
Task 43: Biomass Feedstocks for Energy Markets

Member countries participating in Task 37:

Energy from Biogas

Austria	Bernard Drosg / Günther Bochmann
Brazil	Cícero Jayme Bley Jr.
Denmark	Teodorita Al-Seadi
European Commission	David Baxter (Task Leader)
Finland	Jukka Rintala / Outi Pakarinen
France	Olivier Théobald / Guillaume Bastide
Germany	Bernd Linke
Ireland	Jerry Murphy
Korea	Ho Kang
Netherlands	Mathieu Dumont
Norway	Roald Sørheim
Sweden	Tobias Persson / Mattias Svensson
Switzerland	Nathalie Bachmann
United Kingdom	Clare Lukehurst

Task 37
Work Programme 2013-2015

Scope of Task 37 Studies

- Agricultural slurries, crops & crop residues
- Organic fraction of municipal solid waste
- Waste water treatment/sewage sludge

- Heat, electricity generation & CHP
- Up-grading to biomethane - Injection into grid/compression for vehicle fuel

Work in progress

1. Pre-treatments of feedstocks, including ligno-cellulosic biomass
2. AD process monitoring techniques/process optimisation
3. AD of sewage sludge
4. Economics of small-scale biogas production
5. Digestate up-grading techniques
6. Biogas in Smart Grids
7. Biomethane as a vehicle fuel
8. Emissions monitoring and control
9. Success Stories (focus on successful projects)
10. Dissemination through contacts with local/national authorities and industry

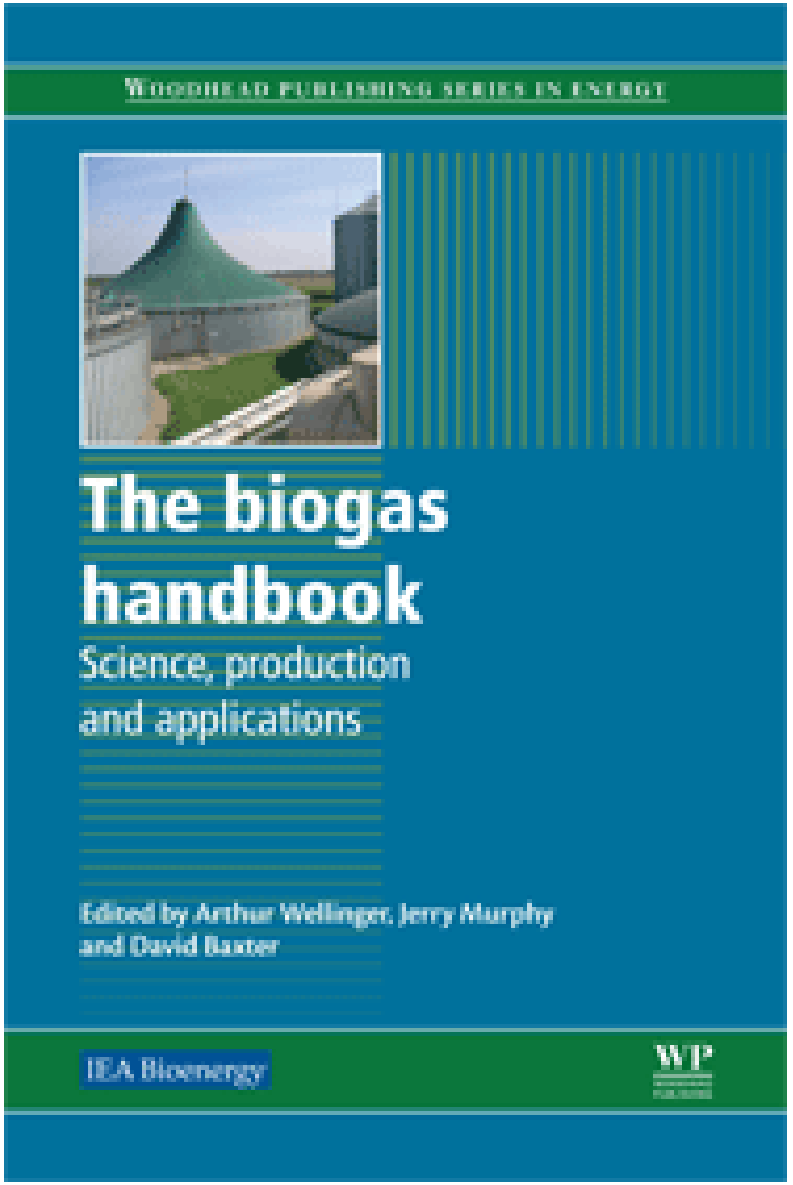
Publications

Web Address: www.iea-biogas.net

The Biogas Handbook
Science, production
And applications

2013

http://www.woodheadpublishing.com/en/book.aspx?bookID=2576



All input welcome

All opportunities for dissemination welcome

Thank you for your attention

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