

# BIOPOL



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Project no.: 44336 – FP6-2005-SSP-5A

Project acronym: BIOPOL

Project title:

**Assessment of BIOrefinery concepts and the implications for agricultural and forestry POLicy**

Instrument: **Specific Support Action**

Thematic Priority: Scientific Support to Policies (SSP)



Imperial College London



the international institute for industrial environmental economics  
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## Deliverable 6.5 4 Papers in (peer-reviewed) journals

Due date of deliverable: April 2009

Actual submission date: April 2009

Start date of project: 01.03.2007

Duration: 24+2 months

Organisation name of lead contractor for this deliverable: Imperial College London

Version: 1.0

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)		
Dissemination level		
<b>PU</b>	Public	X
<b>PP</b>	Restricted to other programme participants (including the Commission Services)	
<b>RE</b>	Restricted to a group specified by the consortium (including the Commission Services)	
<b>CO</b>	Confidential, only for members of the consortium (including the Commission Services)	

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## 1. Introduction

As it is a scientific project, Biopol dissemination activities have targeted political and industrial actors, and also scientific communities. By publishing project work in peer-reviewed journals the research has been validated and improved by anonymous experts, and given an enduring record in the scientific literature. Whilst the deliverable requires submission of 4 papers to peer-reviewed journals, the project team have been ambitious and targeted a greater number (see below).

## 2. Activities undertaken

To increase the impact of the communication of results in scientific papers it was decided to target a specific journal in a coordinated manner. The journal *Bioproducts, Biofuels and Biorefining* was chosen for the relevance of its target audience and its acceptance of interdisciplinary research on the subject. A dialogue with the editor was begun in June 2008 and resulted in the coordinated publication of two papers and an editorial in a single issue in May/June 2009 and the possibility of a further In Focus special in late 2009.

It is anticipated that the publication of these articles will ensure the longevity of the Biopol work and raise its profile via this prominent journal.

## 3. Papers submitted and accepted for publication as of April 2009

Kamm, B., Schönicke, P., Kamm, M. (2009) Biorefining of green biomass - technical and energetic considerations. *CLEAN*. 37 (1) 27 – 30.

Menrad, K., Klein, A., Kurka, S. (2009) Interest of industrial actors in biorefinery concepts in Europe. *Biofpr*. 3 (3) Forthcoming.

Peck, P., Bennett, S. J., Bissett-Amess, R., Lenhart, J., Mozaffarian, H. (2009) Examining understanding, acceptance, and support for the biorefinery concept among EU policy-makers. *Biofpr*. 3 (3) Forthcoming.

Bennett, S. J., Annevelink, E. (2009) Establishing a sustainable biorefining industry. *Biofpr*. 3 (3) Forthcoming.

Kamm, B., Schönicke, P., Kamm, M. (2009) The whole crop biorefinery - technical and energetic considerations. *Biofpr*. [Submitted].

Kurka, S., (2009) Biorefineries and biobased products from the consumer's point of view. *Proceedings of the ICABR International Consortium on Agricultural Biotechnology Research 2009*.

## 4. Papers that are expected and forthcoming as of April 2009

Paper arising from Work Package 5 on 'Demonstration potentials'.

Paper arising from Work Package 3 on 'Techno-economic modelling of biorefinery processes in the European energy economy'

Paper arising from Work Package 2 on 'View of consumers towards biorefinery concepts.'

Paper arising from the final project report and summarising how the various research activities inform the overall conclusions.

## 5. Other publications and dissemination activities

The following dissemination activities undertaken by consortium members make reference to Biopol or acknowledge Biopol funding.

- Conferences attended by partners who have presented posters or oral presentations
  - RRB5, Gent, June 2009  
[Poster: Annevelink, E. *Assessment of BIOrefinery concepts and the implications for agriculture and forestry POLicy*]
  - Biorefinica 2009, Osnabrueck, January 2009  
[Poster: Kurka, S. *View of consumers towards biorefinery concepts*]
  - RRB4, Rotterdam, June 2008  
[Oral: Bennett, SJ. *Institutional barriers to industrial biorefineries: A study of developments and attitudes in the UK*]  
[Poster: Annevelink, E. *Assessment of BIOrefinery concepts and the implications for agriculture and forestry POLicy*]
  - European Biomass Conference, Valencia, June 2008
  - Wheat for Biofuels, Biorefineries and Bioproducts, Jealott's Hill, April 2008
  - RSC 'Future Energy: Chemical Solutions', Nottingham, September 2007  
[Oral: Bennett, SJ. *Unlocking the petroleum-chemical complex*]
  - European Biomass Conference, Berlin, May 2007  
[Poster: Annevelink, E. *Assessment of BIOrefinery concepts and the implications for agriculture and forestry POLicy*]
- Events attended by partners
  - European Forum for Industrial Biotechnology 2008 (EFIB2008), Brussels, October 2008
  - Renewable Raw Materials for Industry: Contribution to Sustainable Chemistry, Brussels, September 2007
  - Biomaterials in Industrial Applications, London, April 2007.

- Articles published in other print media and press
  - Green Chemistry Network Newsletter
    - First workshop report (2008) Issue 30.
    - Second workshop report (2009) Forthcoming
  - Cleantech Magazine
    - Bennett, S. J. (2009) Bioplastics: Growing a new industry. 3 (1)12
    - Bennett, S. J. (2008) The Algal biorefinery concept. 2 (5) 21
    - Bennett, S. J. (2008) Green Biorefineries. 2 (4) 15
    - Bennett, S. J. (2008) Two Platforms Better Than One? 2 (1) 26
    - Bennett, S. J. (2008) The Biorefinery Concept. 1 (11) 14
  - CHEManager Europe
    - Bennett, S. J. (2008) Institutional Barriers to Biorefineries. 2 (6) 30.
  - BIOREF-INTEG Newsletter
    - Summary of Biopol Project Final Conclusions (June 2009)
  - Bioenergy Business
    - Summary of Biopol Project & Final Conclusions (September/October 2009)