

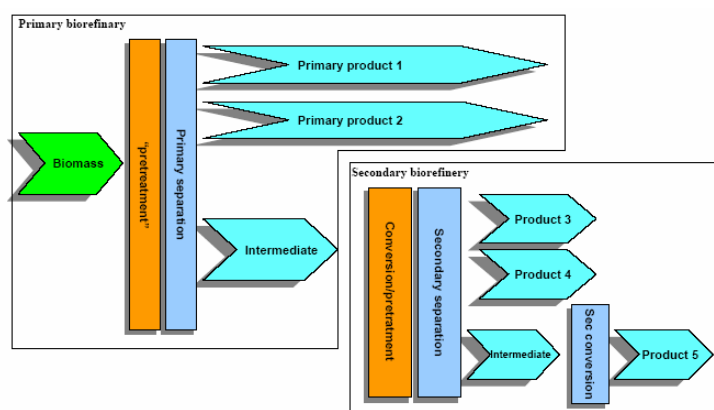
## Assessment of BIOrefinery concepts and the implications for agricultural and forestry POLicy

### The Biorefinery concept

A biorefinery is a facility that integrates biomass conversion processes and equipment to co-produce fuels, power, materials and chemicals from diverse biomass sources. By producing multiple products, a biorefinery can take advantage of the differences in biomass components and intermediates and maximize the value derived from the biomass feedstock.

### Objectives

The overall goal of the SSA project BIOPOL is to assess the status (technical, social, environmental, political, and implementation) of innovative BIOrefinery concepts and the implications for agricultural and forestry POLicy. Biorefinery concepts are aimed at relevant market-competitive and environmental-friendly synthesis of bio-products – chemicals and/or materials – together with the production of secondary energy carriers – transportation fuels, power and/or CHP. BIOPOL will result in a scenario grounded assessment of sustainable solutions that impact several European key industries, and will generate valuable knowledge to fill in part of the research agenda of the recent Biomass Action Plan of the European Commission.



The Biorefinery concept



### Partners

The BIOPOL consortium consists of:

- WUR - Agrotechnology and Food Sciences Group (NL)
- Research Institute Biopos e.V. (D)
- Imperial College of Science Technology and Medicine (UK)
- Lund University (S)
- Institute for Fuels and Renewable Energy (PL)
- Energy research Centre of the Netherlands (NL)
- University of Applied Sciences of Weihenstephan (D)
- Institute of Communication and Computer systems (GR)

### Work Packages

- WP1 Assessment of technical status
- WP2 Assessment of social & environmental implications
- WP3 Assessment of political aspects
- WP4 Review of current implementation status
- WP5 Prospects for further demonstration
- WP6 Dissemination of results
- WP7 Project management

More information available on: [www.biorefinery.nl/biopol](http://www.biorefinery.nl/biopol)

BIOPOL is financed by the European Commission through the Sixth Framework Programme