



Introduction to Bioref-Integ Project

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Bioref-Integ final dissemination Seminar
Düsseldorf, Germany, June 9th, 2010

Objective

Development of advanced
BIOREFinery schemes to be
INTEGrated into existing
industrial (fuel producing)
complexes

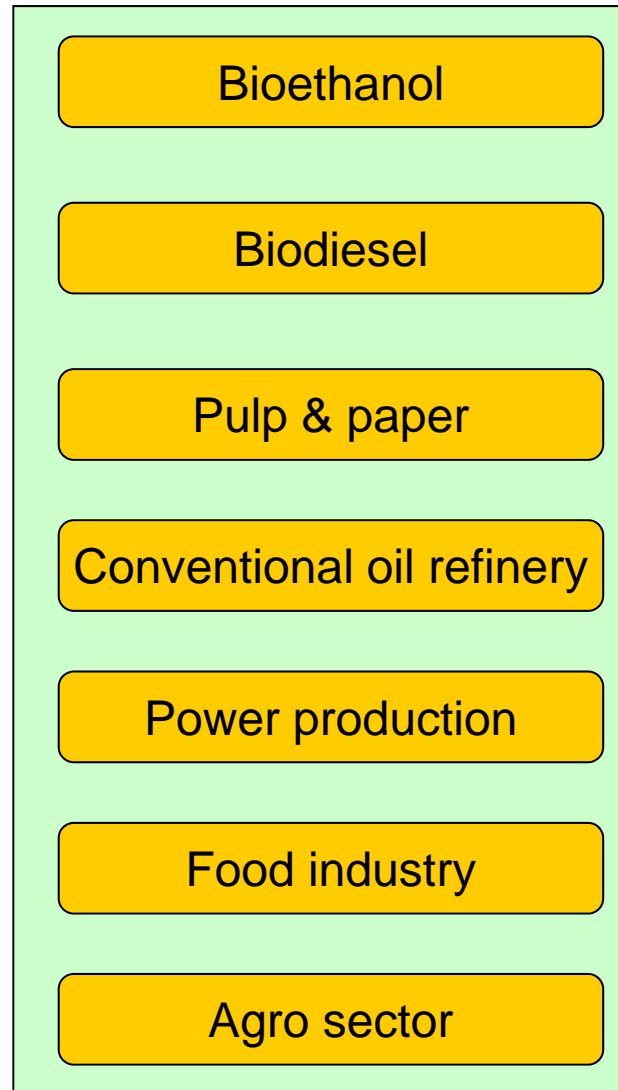


Partners

Industry	SME	University	RTD Institute
Abengoa Bioenergy New Technologies (ES) (Bioethanol)	ETC (SE) (Forest-based biorefinery / black liquor gasification)	Aston (UK)	VTT (FI)
Cehave (NL) (High quality animal feed)	Ten Kate (NL) (High quality animal fats & proteins)	UGent (BE)	WUR-FBR (NL)
Repsol (ES) (Conventional oil refinery)	VFT (BE) (Industrial marketing services with focus on renewable resource materials / coaching the innovation process)		Innventia (SE) (Pulp & paper industry)
	Fons Maes bvba (BE) (Biodiesel)		ECN (NL)



Biomass processing sectors



Summary Bioref-Integ

- 366 existing industrial (fuel producing) complexes in the partner-related countries (FI, SE, NL, BE, UK, ES) identified, and market-specific reference cases defined
- 14 integrated biorefinery cases for 7 biomass processing sectors defined
- Integral technical and economic system assessments of defined biorefinery schemes performed
- Overall technical and commercial feasibility of defined biorefinery schemes determined
- Technology Deployment Plan developed



A vibrant field of yellow flowers, likely rapeseed, stretches into the distance. In the foreground, a single flower is in sharp focus, showing its four petals and stamens. The background is a soft-focus sea of similar flowers, creating a sense of depth and abundance.

**Thank you for your
attention!**