



Biomass Energy Europe

Project Overview




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 Biomass Energy Europe

BEE – Biomass Energy Europe

- FP7, Coordination and Support Action, Partner CEUBIOM
- March 1st, 2008 – Nov 30th, 2010
- www.bee-eu.info
- Coord.: FELIS Dept, University of Freiburg, 16 Partners:

- University of Freiburg
- Utrecht University
- International Institute for Applied Systems Analysis - IIASA
- European Forest Institute - EFI
- Technical Research Centre of Finland
- Chalmers University of Technology
- BTG biomass technology group BV
- Ifeu-Institute
- Scientific Engineering Centre “Biomass”
- Macedonian Geothermal Association
- Institute for Fuels and Renewable Energy - iPiEO
- National University of Life and Environmental Sciences of Ukraine
- Faculty of Forestry University of Zagreb
- University of Hamburg
- Centre for Renewable Energy Sources
- Finnish Forest Research Institute

Starting point & objectives

Although

reliable knowledge of the biomass potentials for energy is essential basic information needed for both policy and industry

Assessments still

differ largely, even within the same geographic entity

→The objective is

to contribute to an increase of the accuracy, reliability and comparability of biomass resource assessments

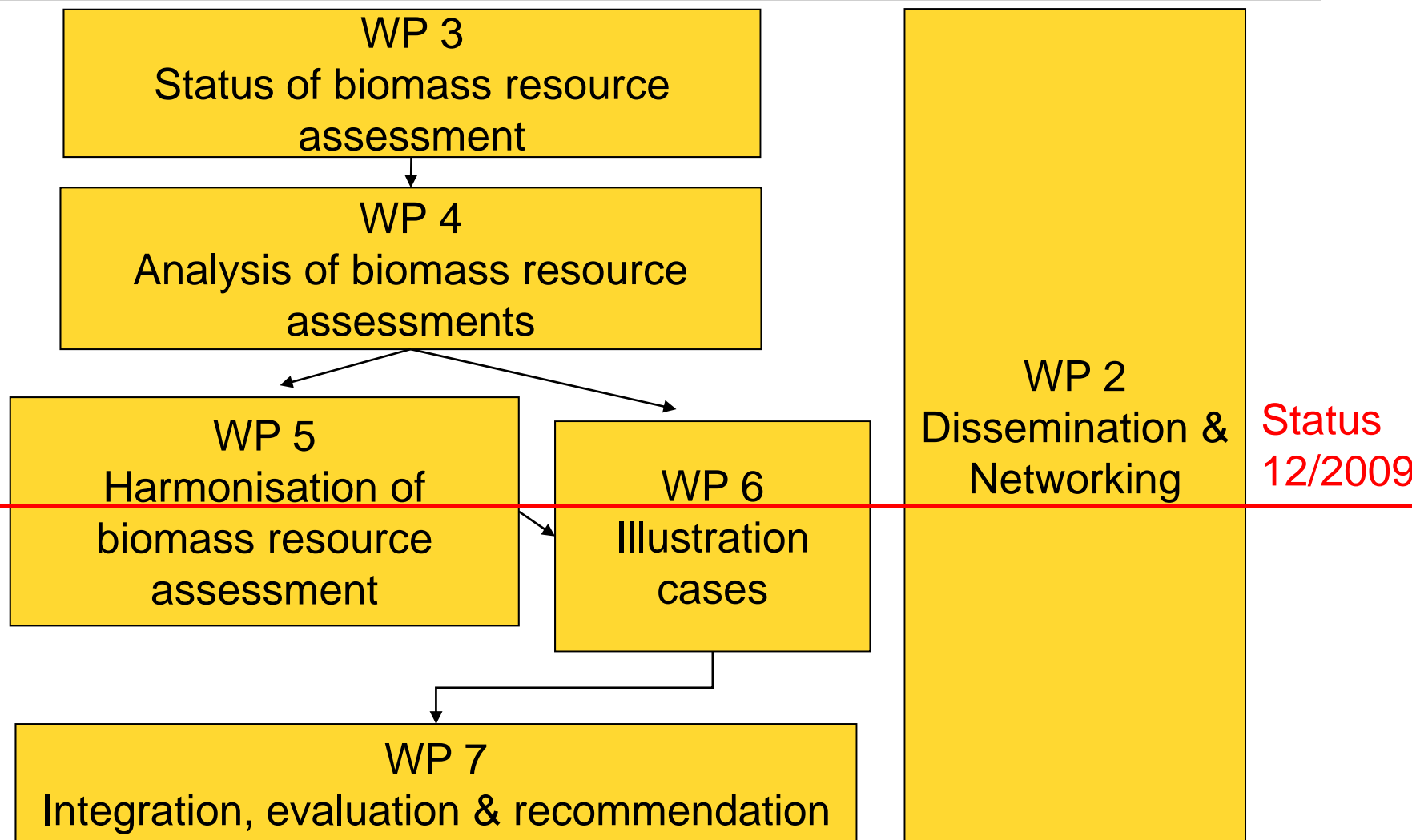
→ by reducing heterogeneity, increasing harmonisation, exchanging knowledge



BEE approach

Analytical studies on:	<ul style="list-style-type: none">• currently available biomass resource assessments• available methodologies and datasets
Harmonisation via:	<ul style="list-style-type: none">• common formulation of best practises• data source hand book
Integration in the best practises of:	<ul style="list-style-type: none">• empirical data from earth observation and field data• sustainability, competitive issues and other important constraints
Illustration cases:	<ul style="list-style-type: none">• EU 27 / Pan European• On national level in Ukraine, Finland, Macedonia (FYROM), Croatia

BEE approach



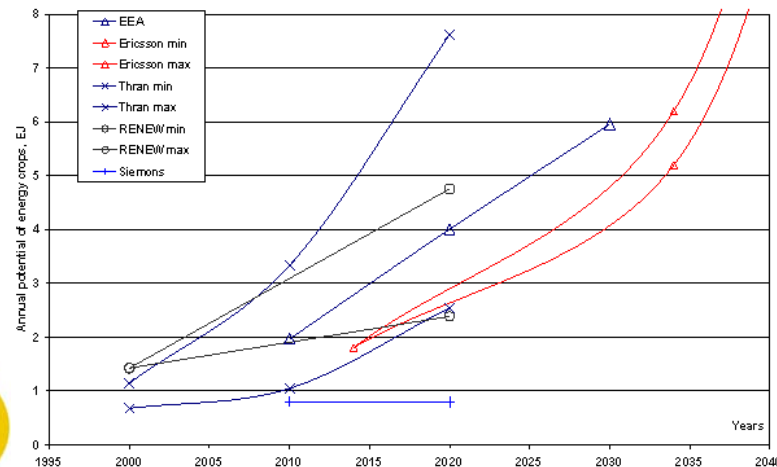
BEE achievements

- WP 3 - Political Framework and User Requirements of Biomass Resource Assessments for Energy
- WP 3 - Status of Biomass Resource Assessments

Ex. Forestry and forest residues, European-level studies

Study	Potential	Approach	Geogr. coverage	Time frame
Asikainen et al.	Technical, economic	Resource focused	EU20	2005

- WP 4 - Analysis of Methods and Data Used in Biomass Resource Assessments



Major challenges

Work in progress: Best Practises and Methods Handbook – Data Sources Handbook – Illustration Cases

- Harmonisation of methods
- Improvements of data sources for the studies
- Development of documentation standards
- Integration of sustainability





Thank you!



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