

Workshop on Sustainable supply of ligno-cellulosic biomass in Europe First results and tools testing of the S2Biom project

On the occasion of the European Sustainable Energy Week (EUSEW)

16 June 2015 Venue Science14 Brussels







S2Biom at a glance



Main objective: Delivery of sustainable supply of non-food biomass to support a resource-efficient Bioeconomy in Europe

- Funding programme: 7th Framework Programme (FP7)
- Funding volume: 4 Mio € (EC co-funding)
- Duration: 36 Month (09/2013 08/2016)
- Participation: 31 Partners from 16 countries (EU28, Western Balkans, Moldova, Ukraine, Turkey)
- Project website: www.s2biom.eu

Our objective



- to support the sustainable delivery of non-food lignocellulosic biomass at local, regional and pan-European level through developing Strategies, and Roadmaps that will be informed by a "computerized and easy to use" planning toolset (and respective databases) with up to date harmonized data for EU28, western Balkans, Turkey, Moldova and Ukraine.
- Research work foreseen will cover the whole biomass delivery chain from primary biomass to end-use of non-food products and from logistics, pre-treatment to conversion technologies.
- The spatial level of analysis both for the toolset and the databases will be NUTS1 (country), NUTS2 (regional) and NUTS3 (local level).



We collaborate with:



Key to the success, cost efficiency and value for money of this project is the utilisation of up-to-date, relevant information and data, including the following:

- EU projects: BEE, CEUBIOM, Biomass Futures, Biomass Policies, Biomass Trade Centres, CAPRI, Sector, Bioboost, Logistec, INFRES and EuroPruning;
- Biobased industries: close collaboration with key stakeholders from industry and market sectors.
- Energy Community: collaboration with Secretariat and Contracting Parties (e.g. Serbia, Macedonia, Moldova, Ukraine).



Project Structure



Theme 1: Data & Tools (WPs 1-4)

- Current and future sustainable lignocellulosic biomass costs and supply (domestic and from imports) in EU28; Western Balkans, Moldova, Ukraine and Turkey.
- Common operating data, models, and tools representing the entire biomass supply chain
- Incorporation of models and tools for technical, environmental, economic and social impact analysis

Theme 2: Strategies & Roadmaps (WPs 5-8)

- Policy and regulations for supplying the future bioeconomy
- Support for future industrial investments
- Clarity on cross sector sustainability
- Strategies & Roadmap
- Ex ante impact assessment

Theme 3: Validation & project outreach (WPs 9-10)

- Support for policymaking at local, national, regional and EU28 levels by visualizing the outcomes of proposed policies
- Case Studies
- Stakeholder engagement
- Information Campaign
- Improvement of public awareness, education, and outreach



Progress



Knowledge base

Knowledge management

What we know & how we best use the knowledge?

S2Biom work mid term

Spatial cost supply database & atlas

Conversion technologies database

Logistical components database

GUI; central database; viewing tools

Environmental Footprint, Criteria & Indicators

500 policies in database

Scenarios, Narket analysis

Current state bioeconomy
Vision

Strategic case studies: Serbia, Ukraine

Planning till end

Deliver scientifically robust and user friendly information

Strategic development

How can the S2Biom outcomes be used to inform the future agendas of policy and industry?

Case studies

Maximise project outreach

PIAC





Thank you for your attention!









