

**Biomass Futures: Defining the role biomass will
play in the heat, electricity and transport sectors
for 2020**

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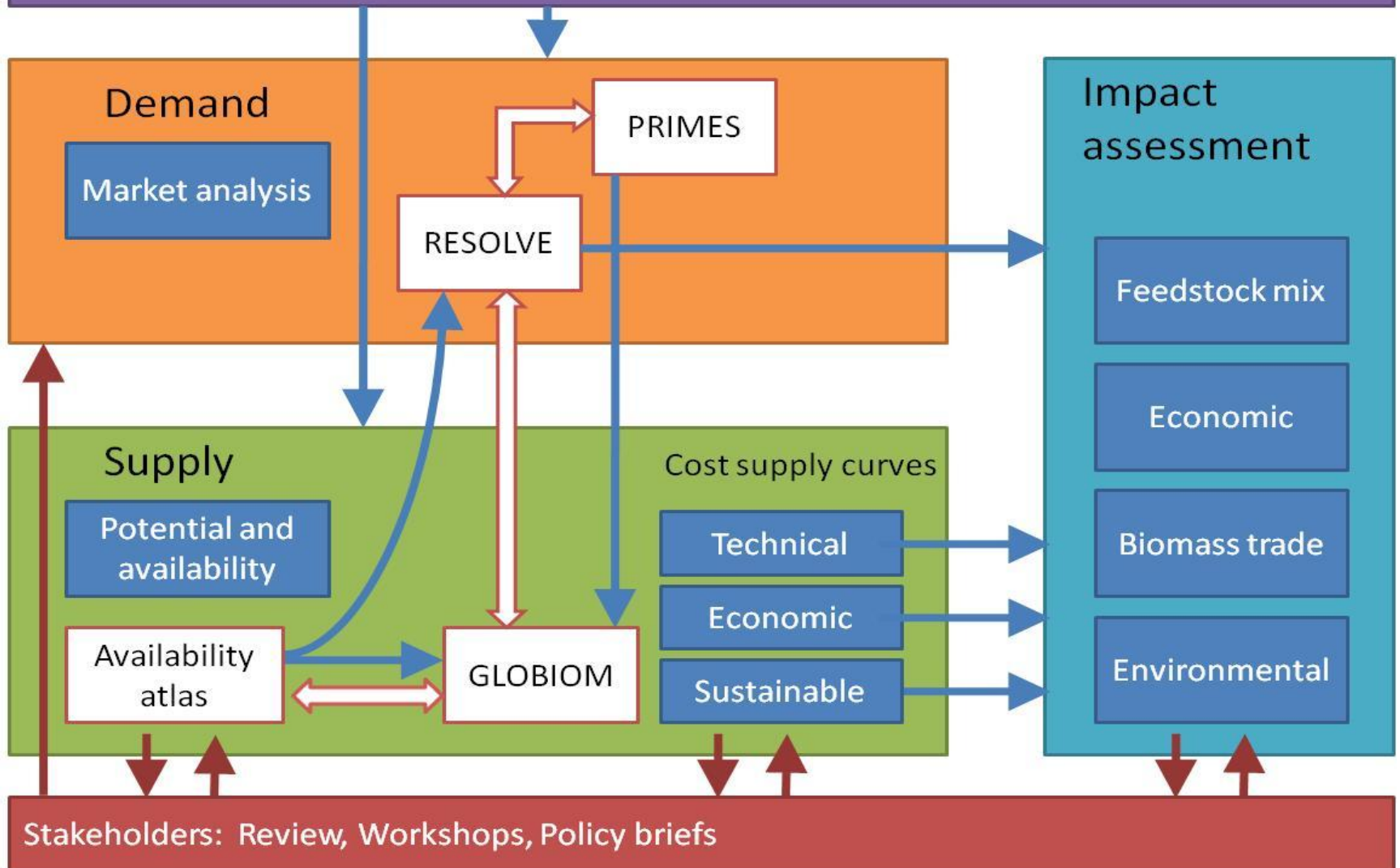
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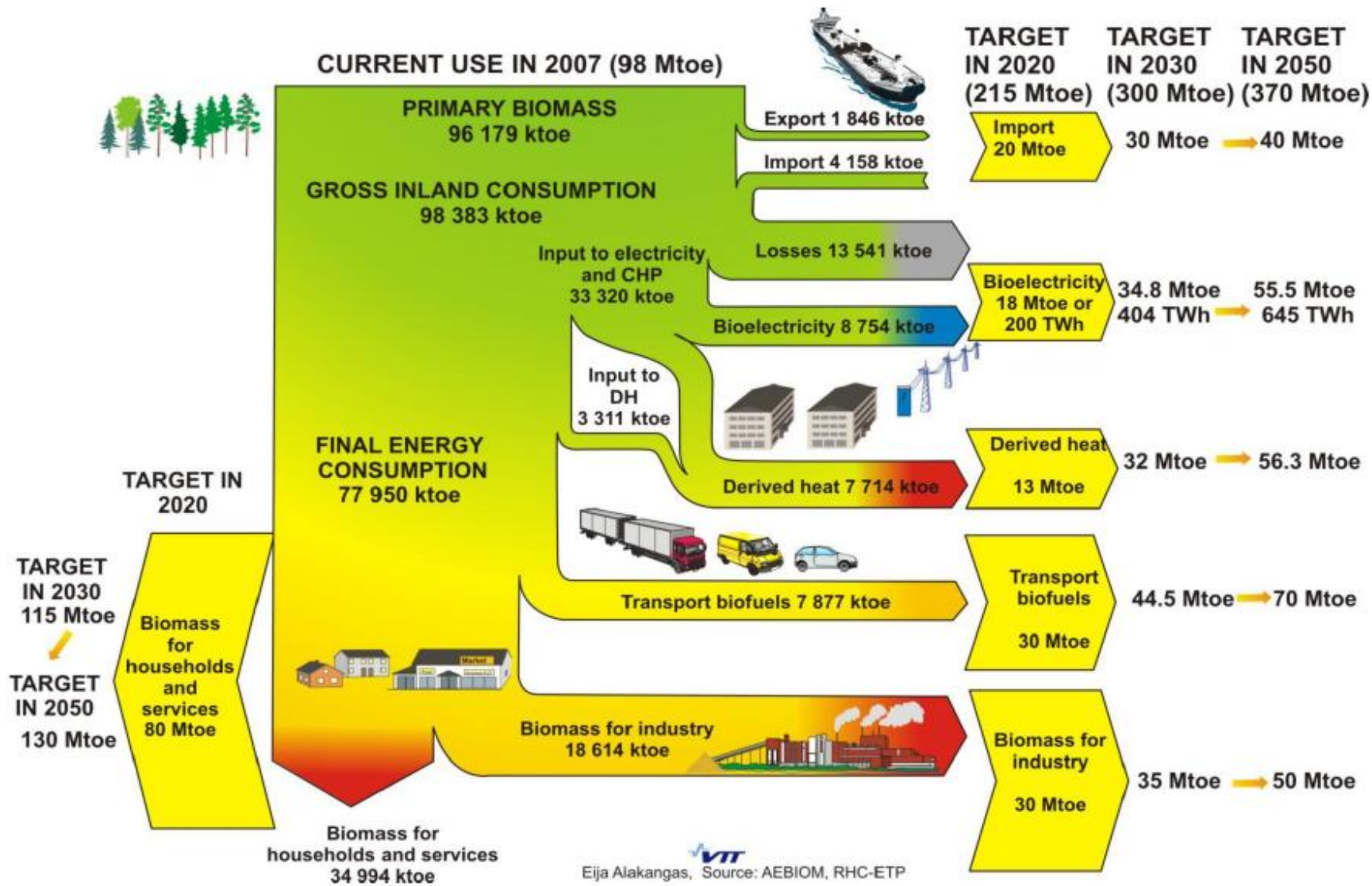


Biomass Futures (EU27 & MS)

Scenarios: Baseline, Reference/RED, High biomass, RED+



Biomass use in EU27 and targets for 2020, 2030 & 2050 (Source: EUBIONET, AEBIOM)



Questions still remain:

- ▶ How important bioenergy/ biofuels are to future energy supply as part of demand analysis?
- ▶ What is the potential and what are the issues of sustainably supplying different types of biomass?
- ▶ How can we maximise benefits and mitigate risks, and through what mechanisms?
- ▶ How do policy makers, project developers and investors react to the opportunities and risks associated with bioenergy?



Biomass Futures contribution to estimates

Added value

EU27 policy

To present the role sustainable biomass can play in the heat, electricity/ CHP & transport sectors by 2020 (EU27 & MS), based on:

- ▶ **Market analysis**
- ▶ Reliable, harmonised & update **sustainable cost supply curves**
- ▶ **Imports & competing uses** of biomass
- ▶ **Conflict** among the different sectors
- ▶ Validation through an extensive **stakeholder network**

MS officials

MS progress report by 31 Dec 2011 presenting the developments in the availability and use of biomass for energy. Our results can provide input for this reporting period.



Main Aim of the workshop

- ▶ To **set the scene** for biomass in the different modelling tools,
- ▶ **present & analyse** the scenarios developed within the Biomass Futures project and discuss key policy messages for the implementation of RED.



Workshop structure

Set the scene for modelling capabilities:

1. Green- X: previous assessments & ongoing DG ENER study
2. Scenarios to estimate the role of biomass in the 2020 targets
3. PRIMES: update PRIMES reference
4. Ressolve: Why the need for a new model?
First results from Biomass Futures work



Policy briefs

- ▶ Visit www.biomassfutures.eu for the project's communication and dissemination activities:
 - ▶ Biomass Futures Newsletter March 2010
 - ▶ Biomass Futures Newsletter November 2010
 - ▶ D8.4 Bioenergy in NREAPs
 - ▶ D8.4 Biomass Futures Briefing RED and FQD
 - ▶ D8.4 ILUC preconsultation
 - ▶ D8.4 NREAPs template
 - ▶ D8.4 Policy brief land use
 - ▶ ...

Past workshops

- ▶ Visit www.biomassfutures.eu for presentations and agendas:
 - ▶ 6th June 2011, Berlin. Biomass supply to meet the 2020 targets.
 - ▶ 12th April 2011, Brussels. Biomass Sustainability
 - ▶ 30 November 2010, Berlin. Sustainability workshop
 - ▶ 26 November 2010, Brussels. Analysing Europe's future bioenergy needs
 - ▶ 30 June 2010, Brussels. Demand for biomass: How likely is it to be met?

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www.biomassfutures.eu

Thank you!

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