

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

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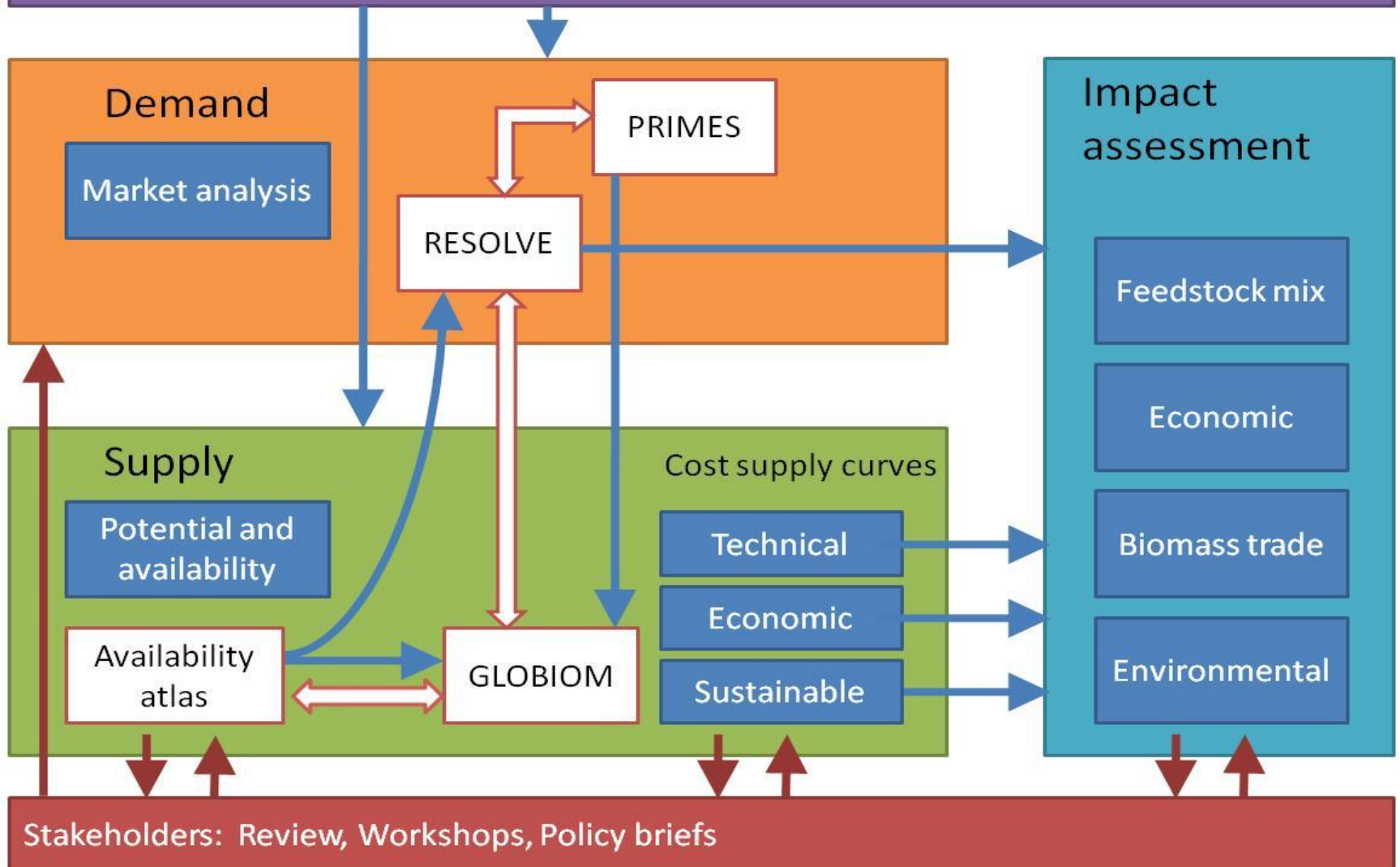
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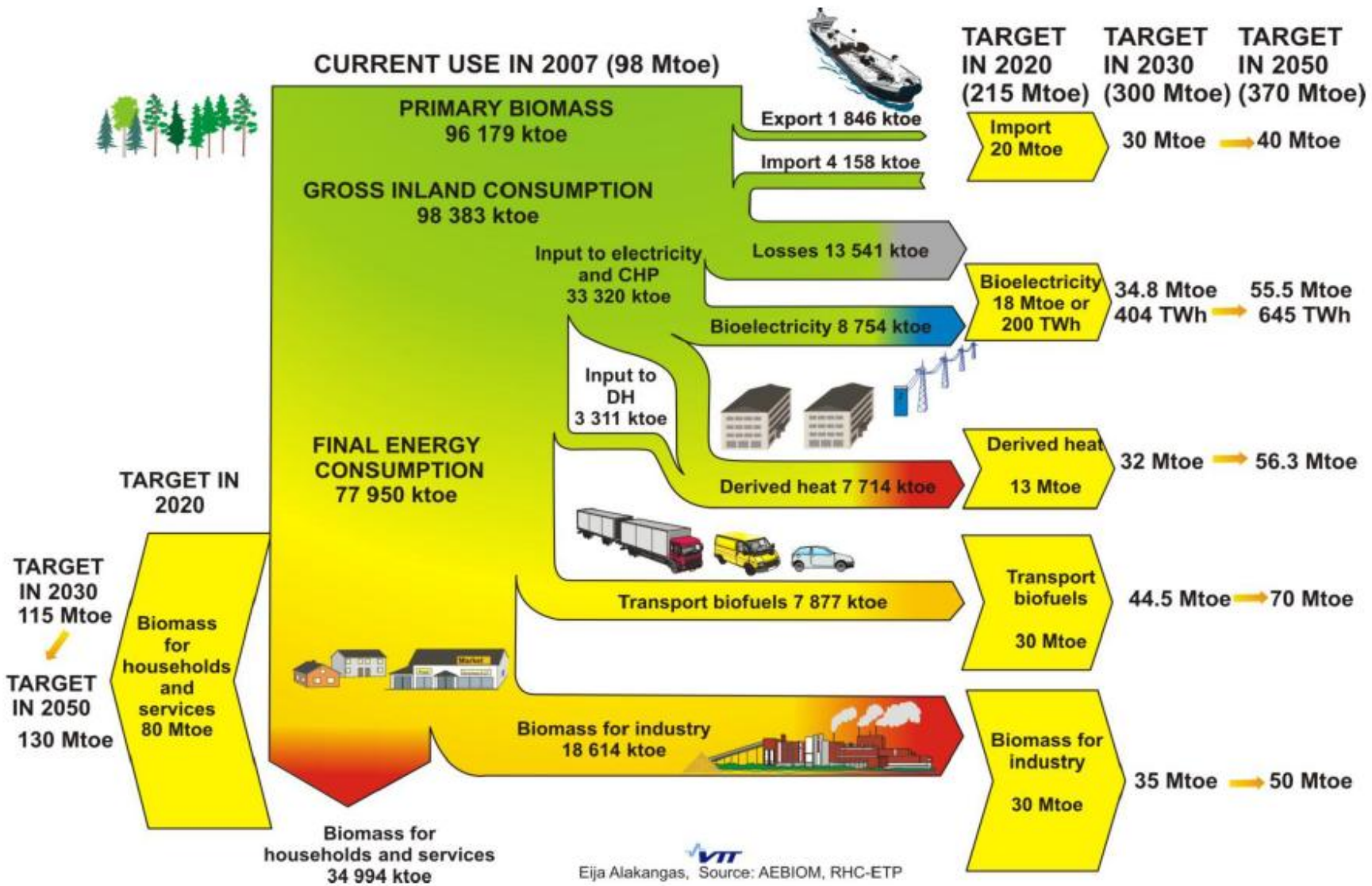
# Biomass Futures (EU27 & MS)

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





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



## Questions still remain:

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- ▶ 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

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## **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.

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# Main Aim of the workshop

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- ▶ 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

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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

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- ▶ Visit [www.biomassfutures.eu](http://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

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- ▶ Visit [www.biomassfutures.eu](http://www.biomassfutures.eu) for presentations and agendas:
  - ▶ 6<sup>th</sup> June 2011, Berlin. Biomass supply to meet the 2020 targets.
  - ▶ 12<sup>th</sup> 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?

# BIOMASS FUTURES

[www.biomassfutures.eu](http://www.biomassfutures.eu)

Thank you!

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**BIOMASS** FUTURES