Presentation 2.5: Forest products policies, prices, subsidies and incentives, and implications for future wood energy scenarios

Alexander Moiseyev

Senior Researcher, Forest Products Markets European Forest Institute

E-mail: Alexander.Moiseyev@efi.int

Abstract

This presentation gives an overview (on the basis of the recent EEA bioenergy report) of how much biomass could be technically available for energy production from waste, agriculture, forestry and forest industry residues without increasing pressure on the environment. Secondly the presentation will analyze policies (through taxes, subsidies and incentives) and future energy prices, which will have an implication on the future wood energy scenarios. Possible policy recommendations will be identified, which could help to reduce possible negative impacts on forest industries.



Forest products policies, prices subsidies and incentives, and implications for the future wood energy scenarios in Europe

International Seminar on Energy and the Forest Products industry

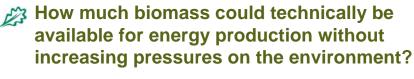
Rome, 30-31 October 2006

Alexander Moiseyev **European Forest Institute**

alexander.moiseyev@efi.int

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- Outlook for biomass supply for 2010-2020-2030
- -The environmentally-compatible primary biomass potential is estimated around 190 million t of oil equivalent (MtOE) in 2010
- Biomass potential increases to around 295 MtOE by 2030 (compared to 69 MtOE in 2003)
- The potential is sufficient to reach the European renewable energy target in 2010 (150 MtOE)
- The potential also allows ambitious future renewable target beyond 2010

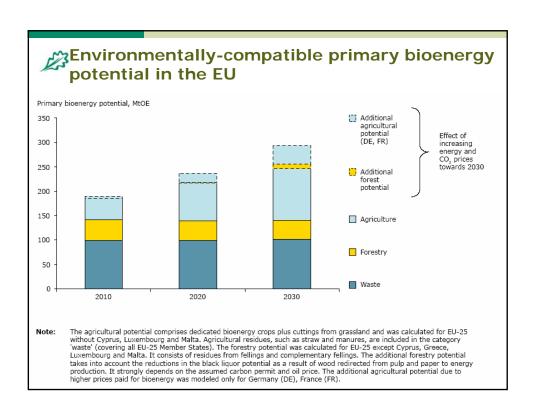
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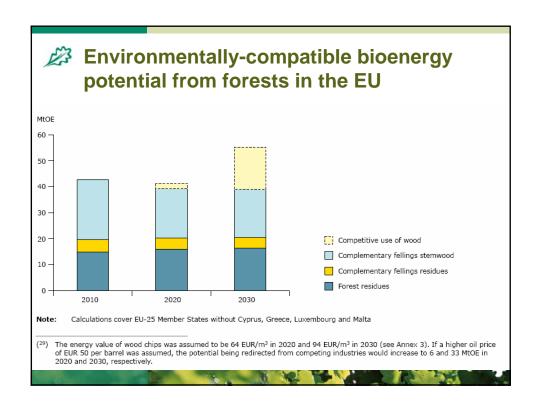


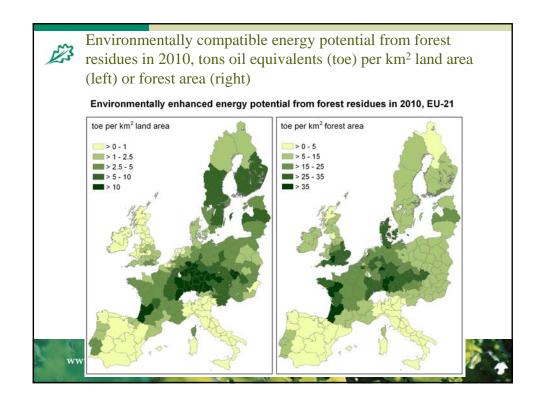
EEA bioenergy report, Main assumptions:

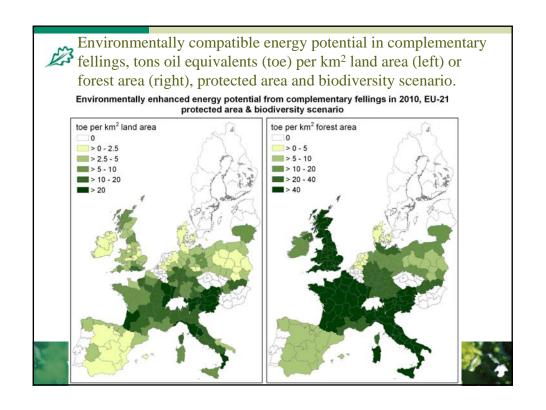
- The EU25 population is expected to almost stabilize between 2000 and 2030,
- GDP is expected to grow at an average 2,4% between 2000 and 2030,
- Oil price is assumed at a conservative low level of 35 € per barrel,
- CO2 permit is assumed 30 €/t of CO2 in 2020 and 65 €/t of CO2 in 2030,
- Oil price of 50 €/barrel is assumed in additional sensitivity scenario to reflect recent price increases.

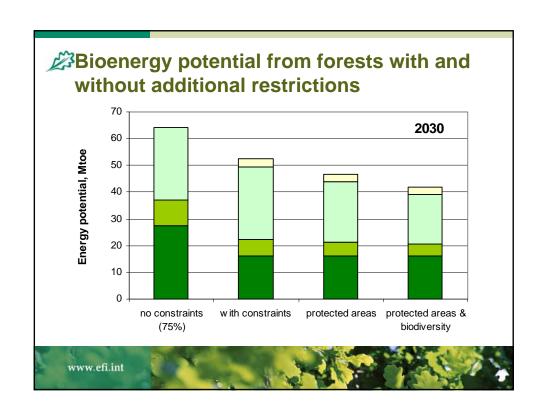
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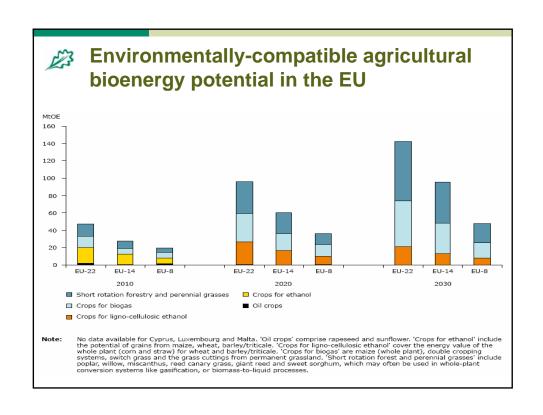


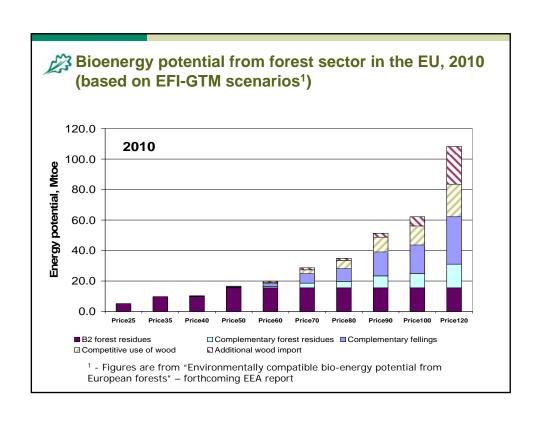


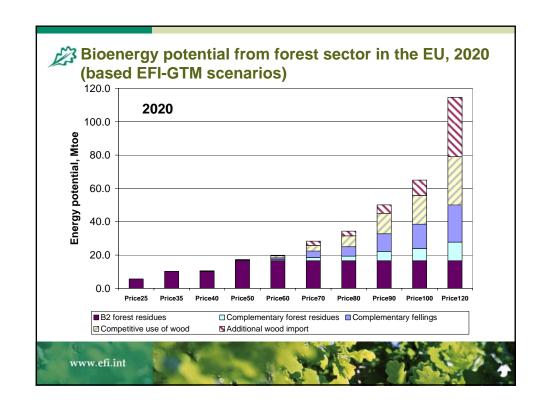


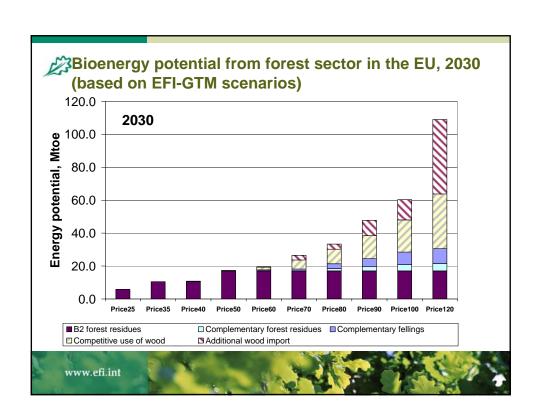


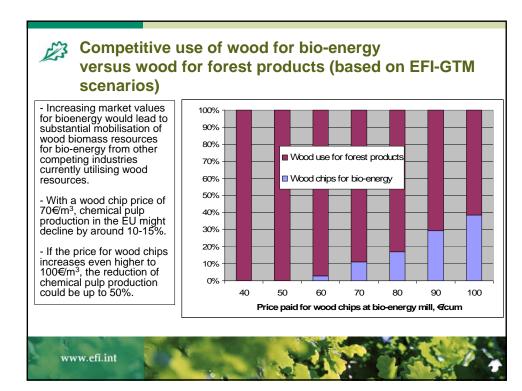












Main conclusions recommendations:

- -There is sufficient technical availability of biomass for energy to fulfill the EU target on RES;
- However, high volumes of biomass for energy can be supplied at rather high energy and CO2 permit (taxes) prices;
- High energy and CO2 prices are likely to cause substantial distortion on forest products markets (wood pulp and wood based panels);
- More efficient policies can be based on direct economic incentives in agriculture (including subsidies) for growing energy crops (including short rotation forestry) and subsidies for pre-commercial thinning in forestry in order to increase actual biomass supply instead of overheating competition for already existing resources

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