



# **Indirect land use change: state of play in the EU**

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# Legislation adopted December 2008

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- *Revised Fuel Quality Directive*
- *Directive on promotion of renewable energy sources*
  
- **Both texts contain identical sustainability criteria and GHG methodology for biofuels**



# Indirect land use change in the legislation

## Requirements to the Commission by end 2010:

- Report on impacts of indirect land use change + ways to minimize this impact
- Proposal:
  - Based on best scientific evidence
  - « Methodology for emissions from carbon stock changes »
  - Safeguards for investment
  - Decision by 2012?

*Recital says that the Commission should in particular look at:*

- *Indirect land use change factor*
- *Incentives for biofuels that minimise indirect land use change*



# What does the Commission need to answer?

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- **What is the scale of indirect land use change?**
  - Compare a world with/without EU biofuels policies
- **What is the impact of different biofuels/Crops on indirect land use change?**
  - Identify biofuels that don't generate ILUC (waste, algae, others?)
  - Differentiate the ILUC impact of different crops
- **What is the appropriate policy response to address indirect land use change?**



# Analytical work

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- **Modelling activities / Comparing different model results**
  
- **Exploring methodological questions:**
  - **Impact of additional demand on yield increase (through price)?**
  - **Impact of co-products?**
  - **Impact of an international action against deforestation?**
  - **...**



# Policy process

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- **Exploring different policy options with pros and cons, in view of the modelling results**
- **Consultation**
- **Impact assessment**
- **Development of preferred option / release of report with proposal (Spring 2010)**



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**Thank you for your  
attention**