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# Ensuring biofuels sustainability for the EU

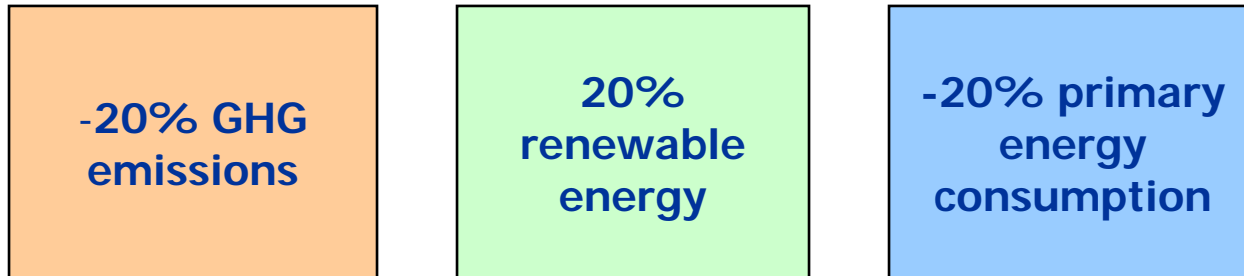
**Ariane de Dominicis**  
**DG Environment**  
**European Commission**

IEA bioenergy  
25 October 2007



# Context: the integrated climate and energy package

## ➤ 10 jan 07: Commission's proposal



by 2020

- **Achieve the internal market for energy**
- **Technology (CCS, other low-C technologies)**
- **International energy policy**



# The directive on renewable energy

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- **Target of:**
  - **20% renewables in the EU by 2020**
  - **10% biofuels in each member state by 2020**
- **Endorsed by the Spring Council in March 07**
  - **Conditions for the 10% biofuels target**  
**« production being sustainable » and**  
**« second-generation being commercially available »**



# The sustainability criteria

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- **Will have to be fulfilled by biofuels consumed in the EU to:**
  - Count towards the 10% target
  - Receive subsidies
- **No import ban**
- **Criteria to apply equally to EU production and imports**



# The sustainability criteria - 2

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- **GHG threshold**
- **High carbon stock areas**
- **Biodiversity areas**
- **Soil and water**
- **Reporting**



## The review of the fuel quality directive

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- **Dir. 98/70 - technical specifications for fuels**
- **Jan 07: revision proposal by EC**
  - Reporting on lifecycle GHG emissions (2009)
  - Mandatory obligation to reduce emissions from 2011
  - Reduction obligation of 1%/yr (10MtCO<sub>2</sub>/yr) until 2020



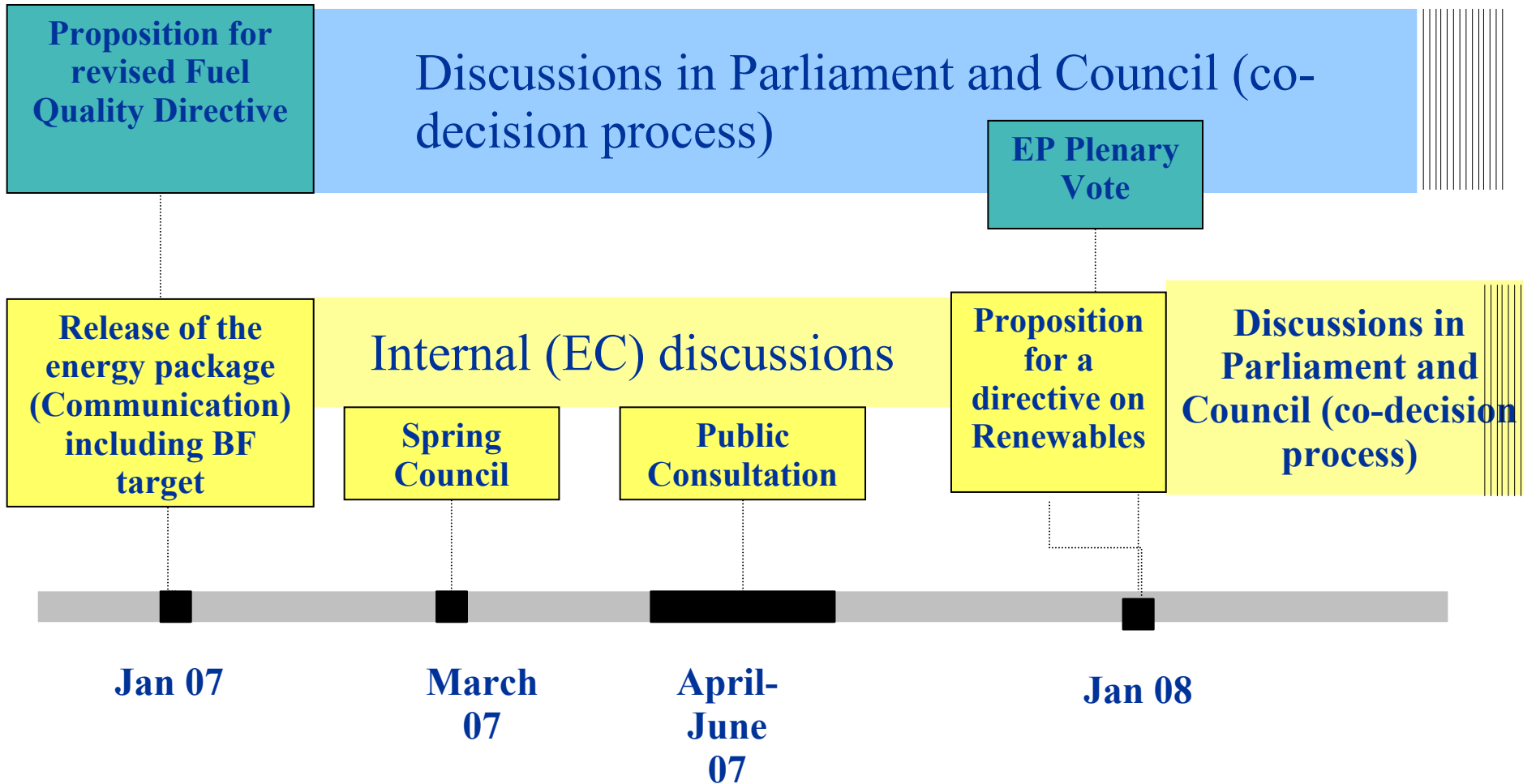
# The review of the fuel quality directive (2)

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- **Scope of the proposal:**
  - **Extraction (includes flaring)**
  - **Transport**
  - **Processing**
  - **Fuel composition**
  - **Distribution**
- **“Technology neutral”, based on CO<sub>2</sub>**
- **Biofuels expected to play an important role**
- **Incentive for better-performing biofuels**
- **Parallel initiative in the US (California)**



# Timeframes







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**Thank you**

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