



# EU policy outlook on biofuels

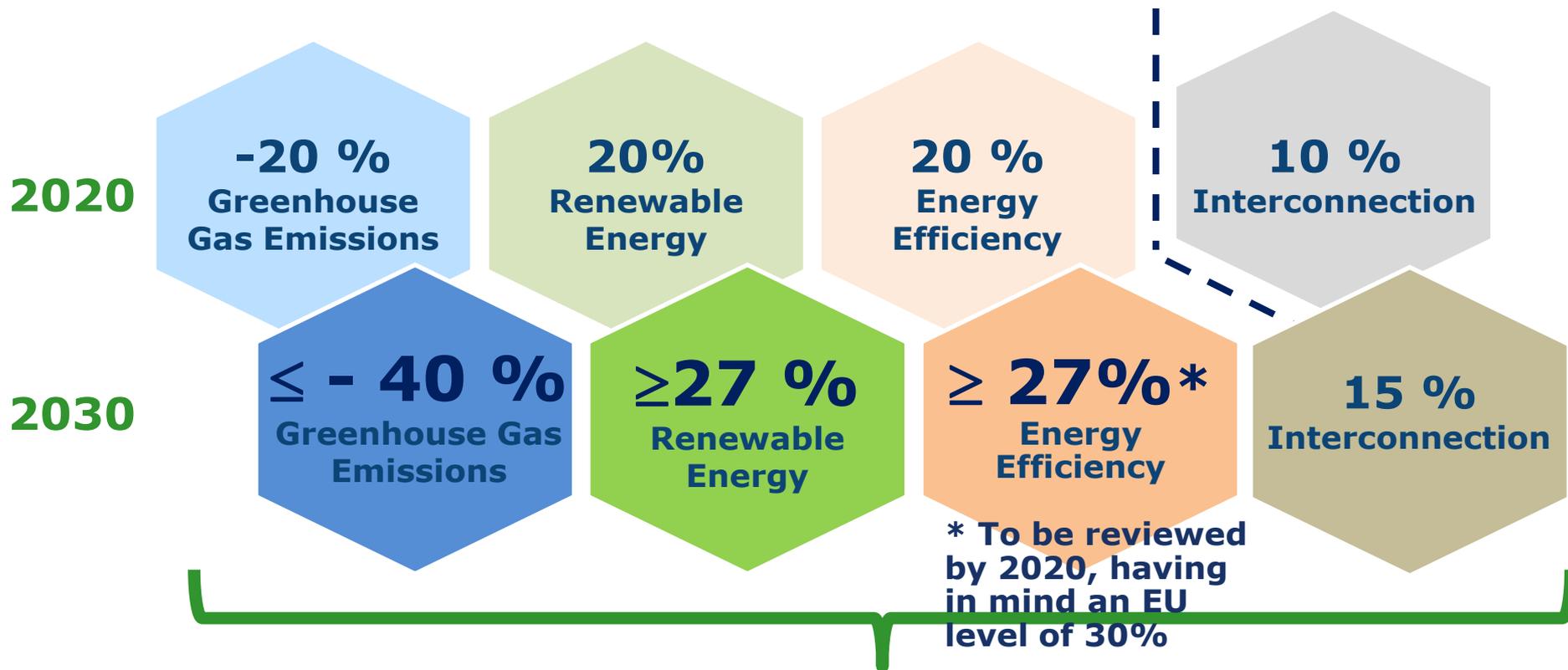
**6th ISCC Global Sustainability Conference**

**Brussels, 17 February 2016**

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# Agreed headline targets 2030 Framework for Climate and Energy



**New governance system + indicators**

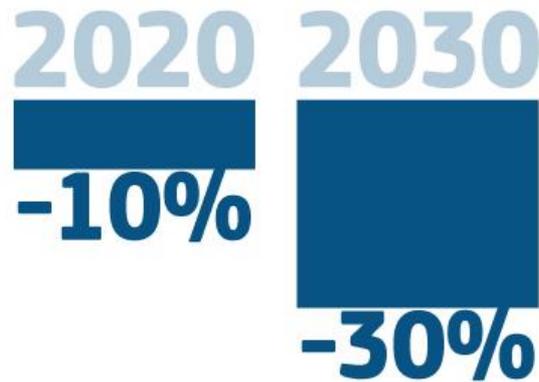


European  
Commission

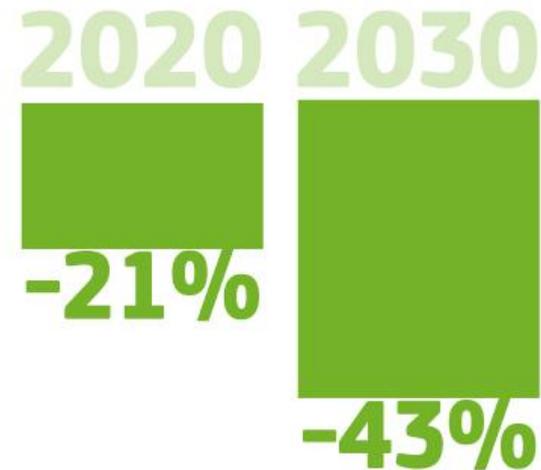
CLIMATE

## Emission reductions in ETS and non-ETS

EMISSION  
REDUCTIONS  
IN ETS AND  
NON-ETS  
COMPARED TO 2005

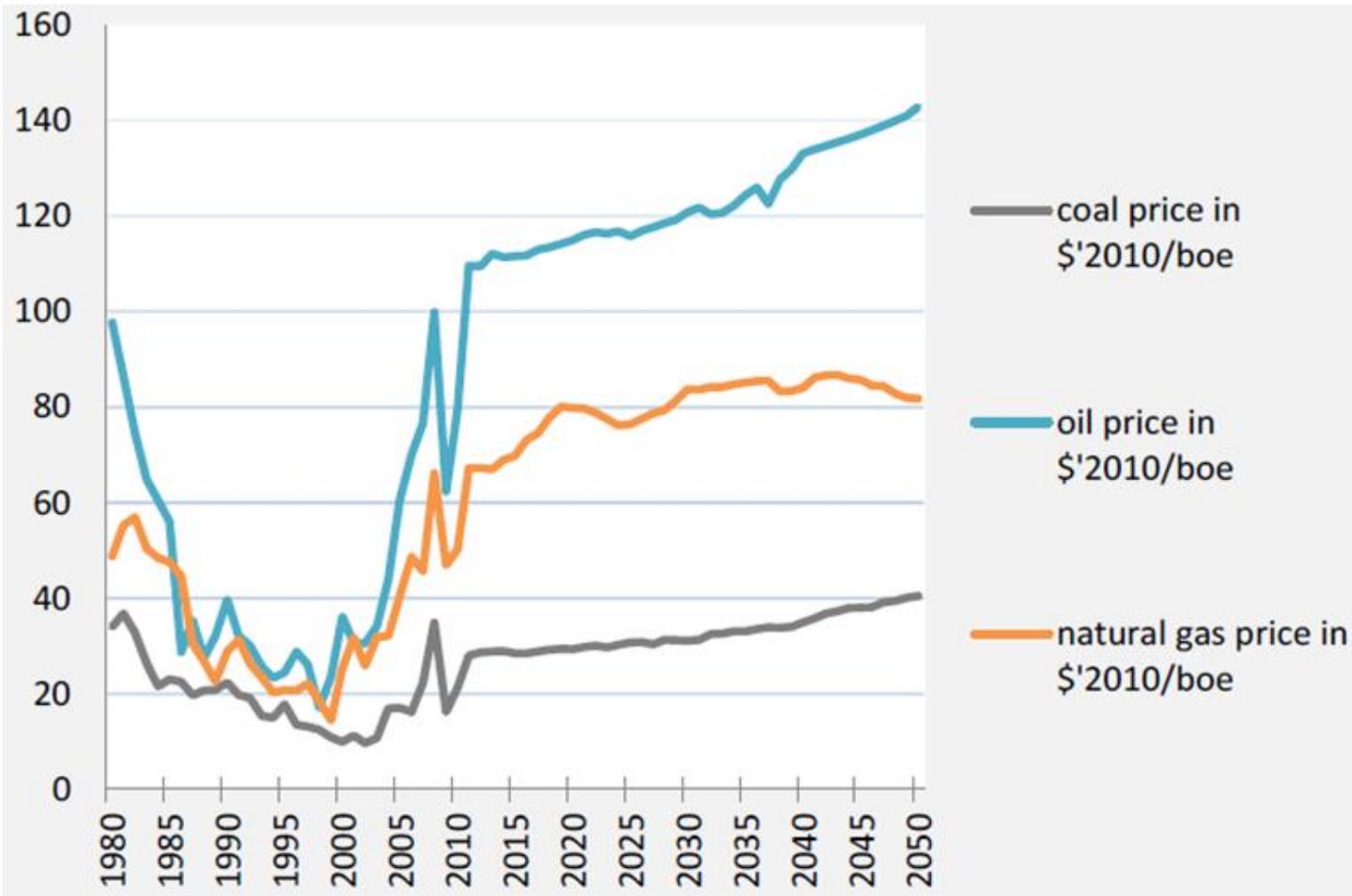


**NON  
ETS**  
INCLUDING  
ROAD TRANSPORT,  
HOUSING,  
AGRICULTURE  
etc.



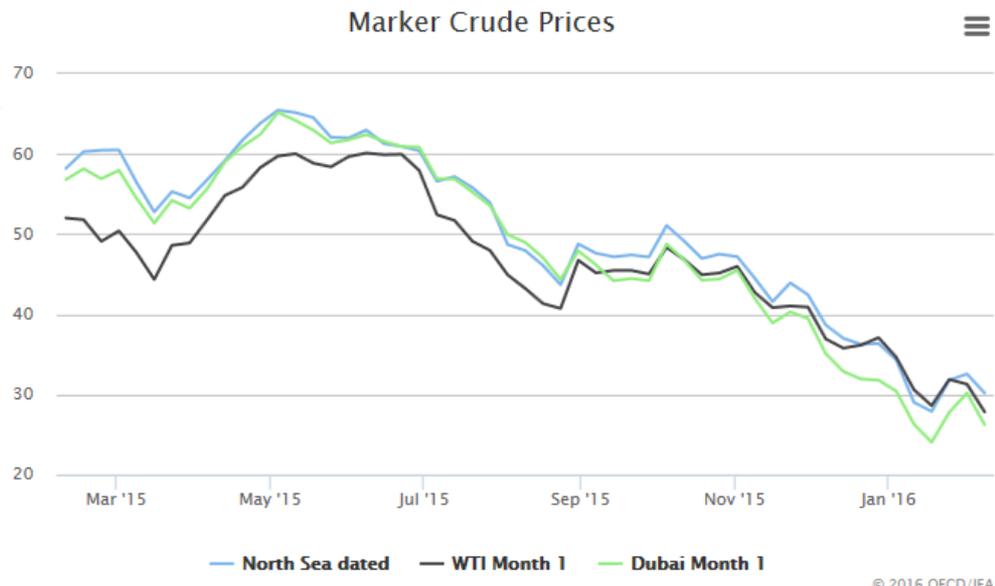
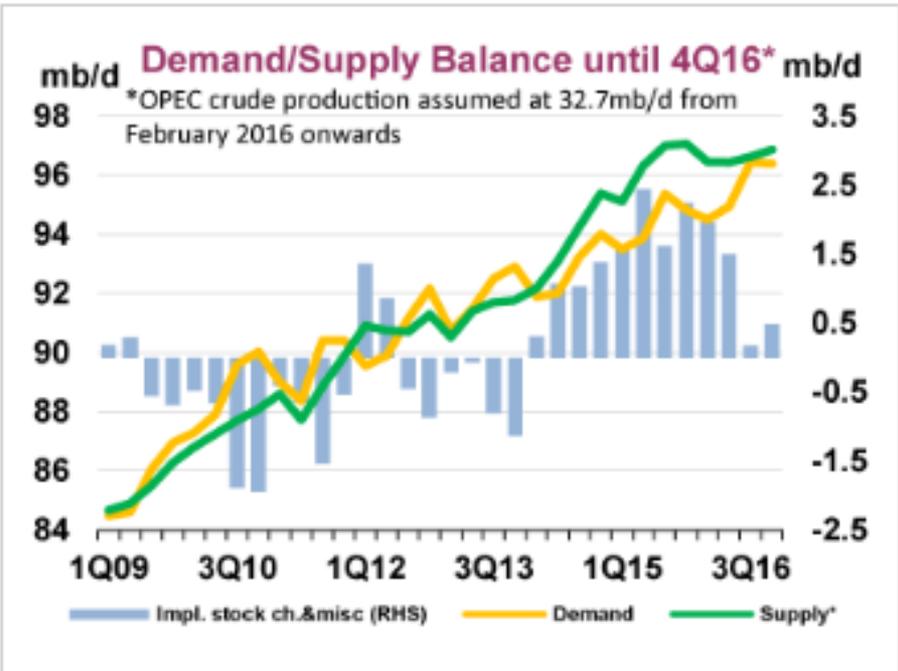
**ETS**  
INCLUDING  
POWER/ENERGY  
SECTOR & INDUSTRY

# Fossil fuel import prices



Source: 2013 EU ENERGY, TRANSPORT AND GHG EMISSIONS TRENDS TO 2050

# OECD/IEA on oil demand, supply and 2015 – 2016 oil prices





# European Council Conclusions March 2007

- ... underlines that all types of renewable energies, when used in a cost-efficient way, contribute simultaneously to security of supply, competitiveness and sustainability, and is convinced of the paramount importance of giving a clear signal to industry, investors, innovators and researchers.
- ... it endorses the following targets:
  - a 10 % binding minimum target to be achieved by all Member States for the share of biofuels in overall EU transport petrol and diesel consumption by 2020, to be ***introduced in a cost-efficient way***. The ***binding character of this target is appropriate subject to production*** being sustainable, second-generation biofuels becoming commercially available and the Fuel Quality Directive being amended accordingly to allow for adequate levels of blending.



# European Council Conclusions October 2014:

## **2030 Framework for Climate and Energy (October 2014):**

.....it is important to ***reduce greenhouse gas emissions*** and ***risks related to fossil fuel dependency*** in the transport sector.

...The European Council therefore invites the Commission to further examine instruments and measures for a ***comprehensive and technology neutral approach*** for the promotion of emissions reduction and energy efficiency in transport, for electric transportation and for ***renewable energy sources*** in transport also after 2020.

# State Aid Guidelines for environmental protection and energy 2014 - 2020:

- *'In view of the overcapacity in the food-based biofuel market, the Commission will consider that **investment aid in new and existing capacity** for food-based biofuels is not justified'*
- *'However, **investment aid to convert** food-based biofuel plants into advanced biofuel plants is allowed...'*
- *'...**operating aid** to food-based biofuels can only be granted until 2020.'*

# Modes and suitable alternative fuel types

Fuel	Mode	Road-passenger			Road-freight			Air	Rail	Water		
		Short	Medium	Long	Short	Medium	Long			Inland	Short-Sea	Maritime
LPG												
Natural gas	LNG											
	CNG											
	Bio-methane											
Electricity												
Biofuels (liquid)												
Hydrogen												
Synthetic fuels												

Source: European Alternative Fuels Strategy

# Public consultations on new Renewable Energy Directive (closed)

- *To what extent has the RED been successful in addressing the EU transport policy objectives?*
- *Which are the most important barriers hampering the development of sustainable renewable fuels in the EU transport sector and increasing the uptake of electric vehicles?*
- *Which are the most effective means of promoting the consumption of sustainable renewable fuels in the EU transport sector and increasing the uptake of electric vehicles:*
  - Certain market players' obligations at Member State level
  - More harmonised promotion measures at Member States level
  - Certain market players' obligations at the EU level
  - Targeted financial support for deployment of innovative low-carbon technologies (in particular to the heavy duty transport and aviation industry)
  - Increased access to energy system services (such as balancing and voltage and frequency support when using electric vehicles)
  - Increased access to alternative fuels infrastructure

# Overview relevant incentives 2016

## **Ongoing:**

- Public consultation on future bioenergy policy (until 10 May 2016)
- Impact assessments for renewable energy and bioenergy sustainability policy

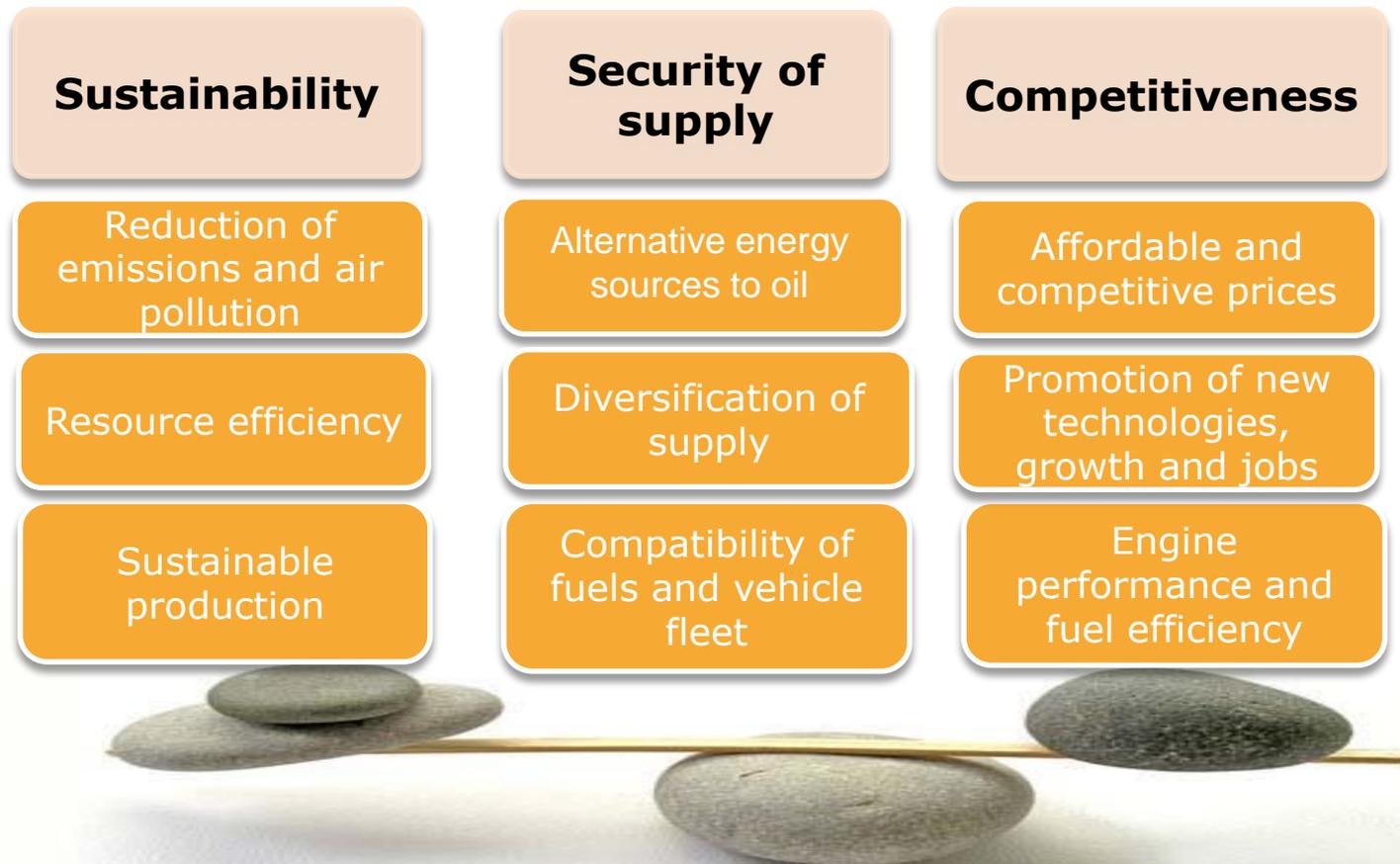
## **Spring to Summer 2016:**

- Communication on decarbonisation of transport
- Proposal for Effort Sharing Decision and integration of the Land Use, Land-Use Change and Forestry sector (LULUCF) into the 2030 climate framework

## **End of 2016:**

- Proposal for a new Renewable Energy Package including a new policy for sustainable biomass and biofuels
- Reporting on ILUC and progress on renewables

# Three overarching objectives of the EU Integrated Energy and Climate Change policy – valid until and beyond 2020



***Thank you for your  
attention!***

***More information:***

**<http://ec.europa.eu/energy/renewables/>**