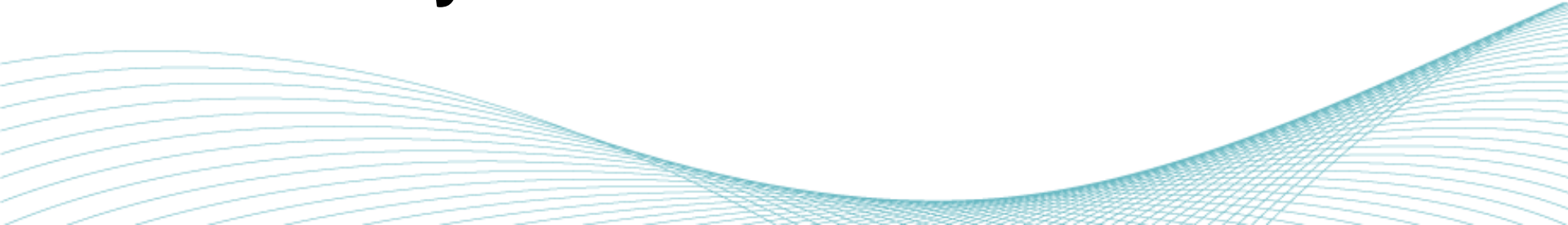


Biofuels in Ireland

Pearse Buckley
Project Manager - Biomass

IEA Bioenergy Implementing Agreement Task 39
Meeting in UCC
16th September 2008

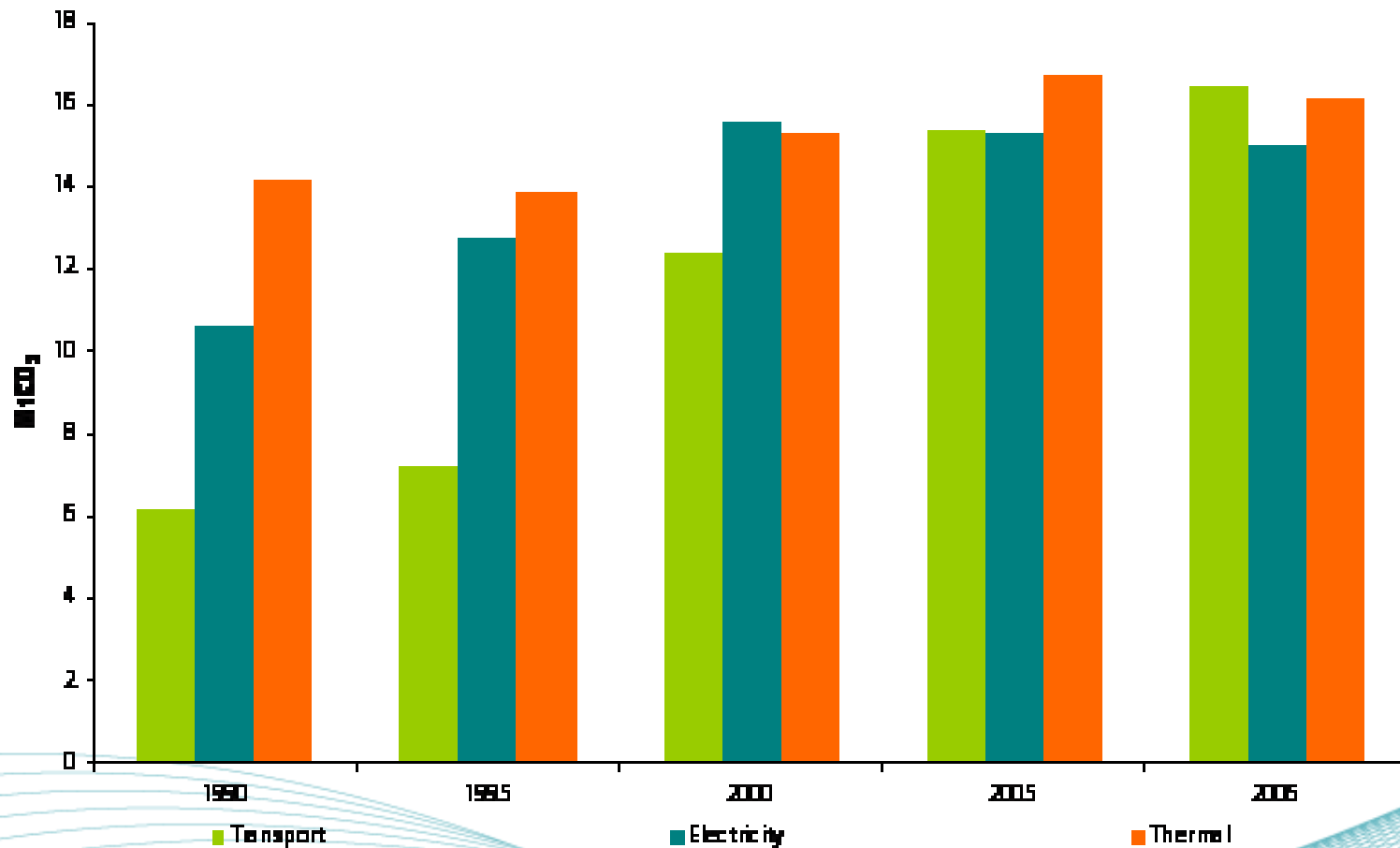
- **Background**
 - **Transport fuel make-up**
 - **Biofuels requirement**
 - **Government stimulus to date**
 - **Summary**
- 
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Background

**91% Import dependent
in 2006**



Energy related CO₂ emissions

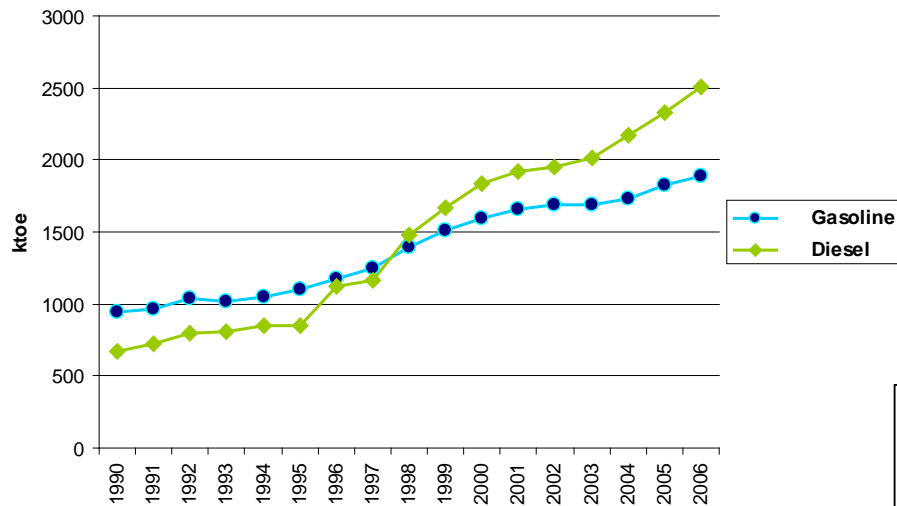


Renewable Energy Directive

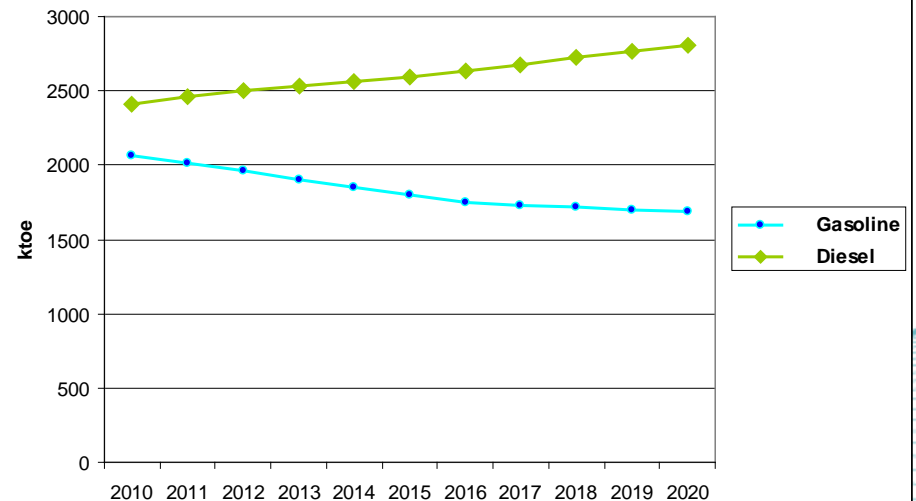
- **16% of TFC from renewable energy by 2020**
- **10% of transport fuel from renewable sources by 2020**

Transport fuel make-up

Transport Fuel Make-Up



Transport Fuel Make-Up



Biofuels Requirement

2020	Diesel + petrol
90% Fossil fuel	4,496 ktoe
10 % biofuel	517 ktoe

Biofuel Requirement 2020

- Biodiesel 405 million litres
- Bioethanol 410 million litres

Government stimulus

Pilot Biofuels Excise Relief Scheme, 2005

- 16 million litres over 2 years

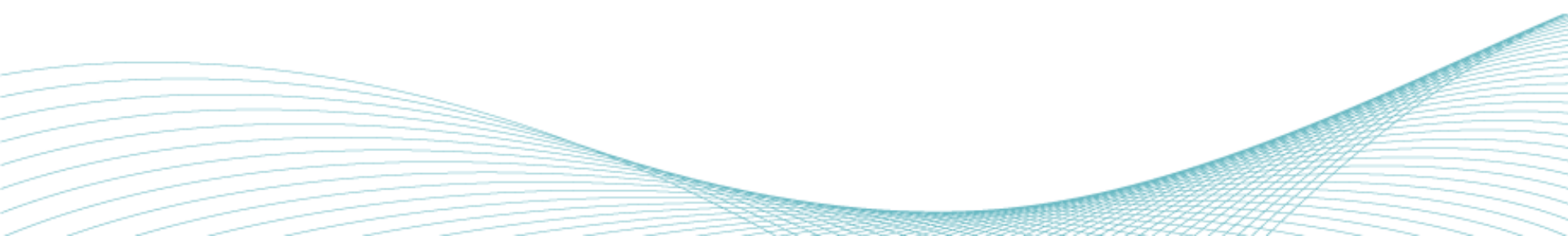
Biofuels Excise Relief Scheme II, 2006

- 163 million litres/yr by 2008 ~ 2%

Biofuels obligation Scheme, 2009

- ?% by 2010



- **Strong drivers for biofuel**
 - **Diesel vehicle dominance**
 - **Significant biofuel requirement for 2020**
 - **Government stimulus through excise relief**
 - **Biofuels obligation due in 2009/2010**
- 
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Thank You.

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