



Climate Change Policy in Ireland Energy Solutions Conference 2006

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International Policy Context

- ◆ United Nations Framework Convention on Climate Change

- ◆ Kyoto Protocol
 - Targets for industrialised countries
 - Global commitment: 5% below 1990 levels
 - EU commitment: 8% below to 1990 levels

- ◆ KP Flexible Mechanisms
 - Joint Implementation
 - Clean Development Mechanism
 - International Emissions Trading

EU Policy Context

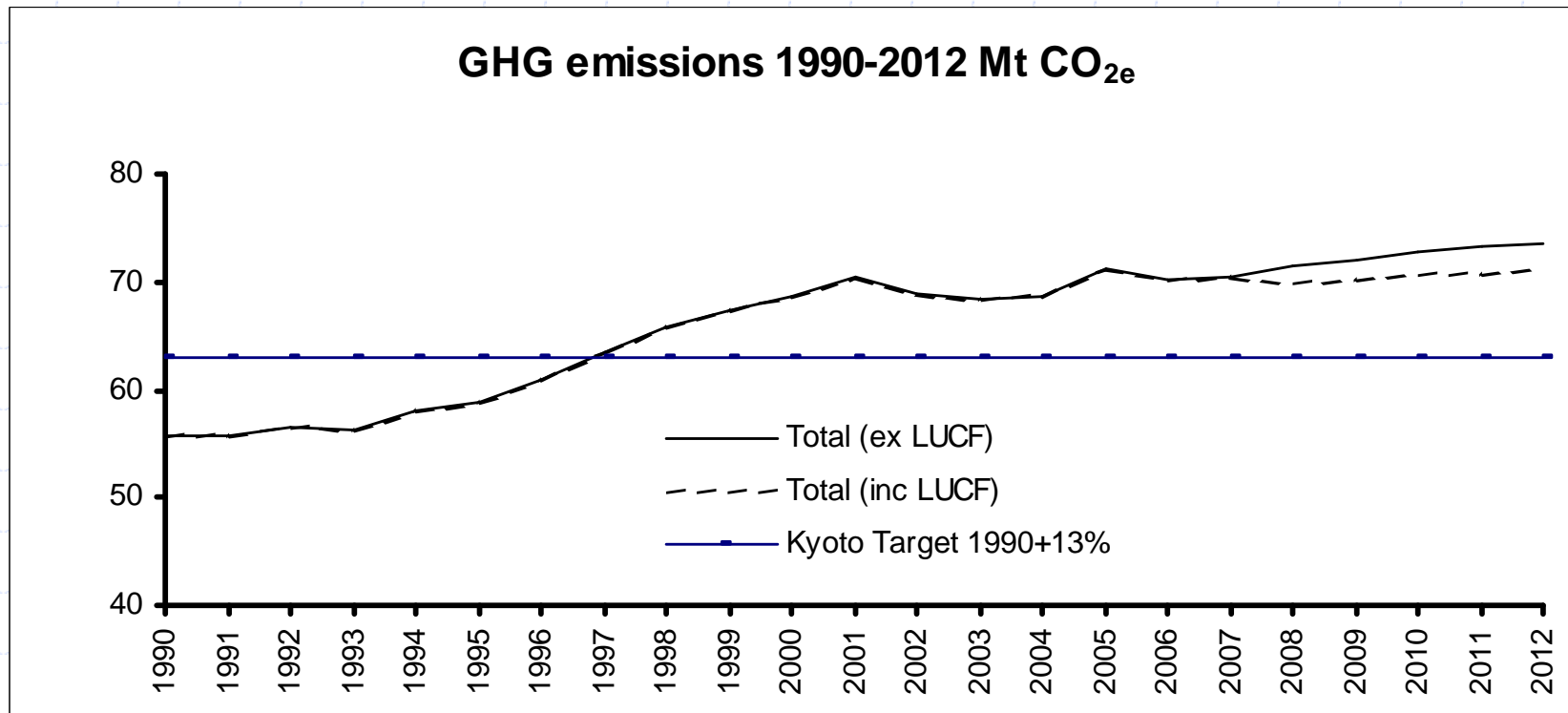
◆ EU a Party to Kyoto

- Ratified in 2002
- Burden Sharing Agreement

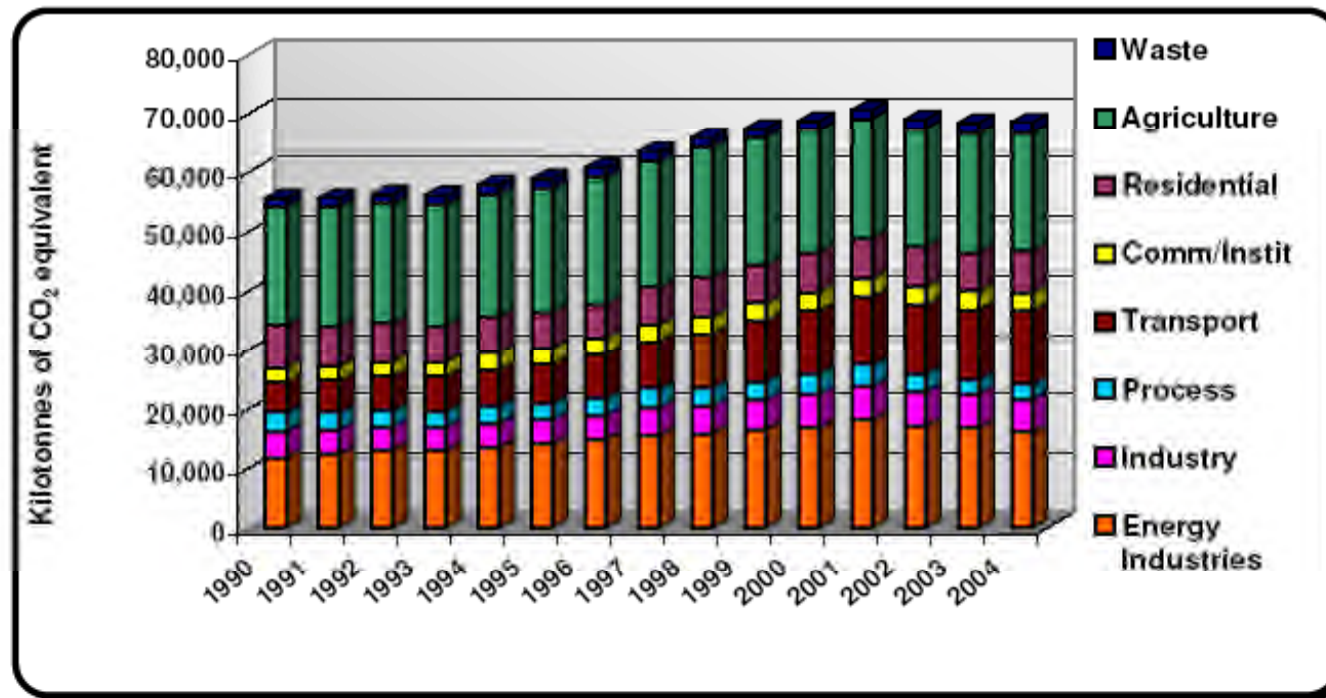
◆ European Climate Change Programme

- Emissions Trading Scheme
- Energy Supply & Demand Measures
- Transport
- Non-CO₂
- Agriculture / Sinks

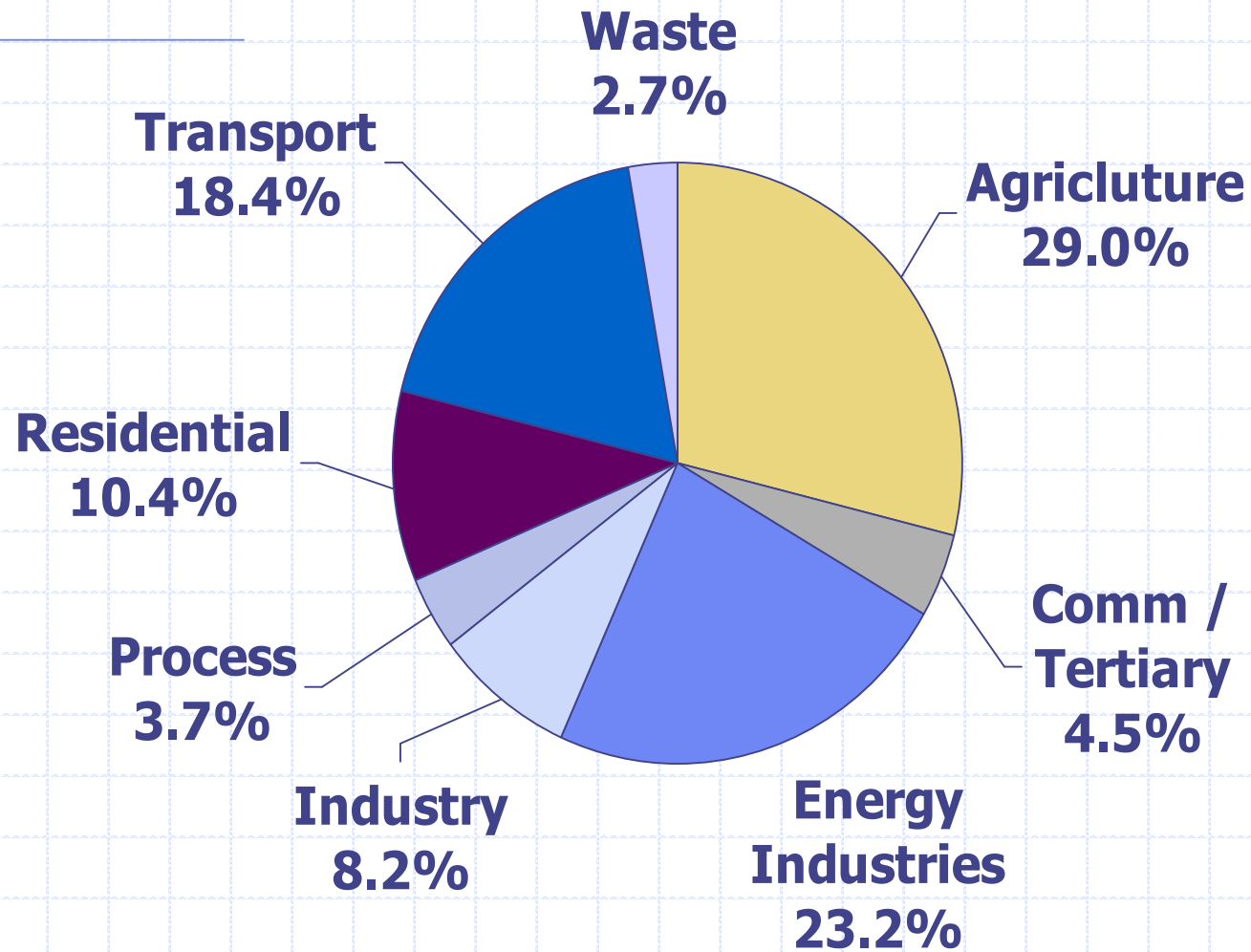
Time Series & Projections of total Emissions



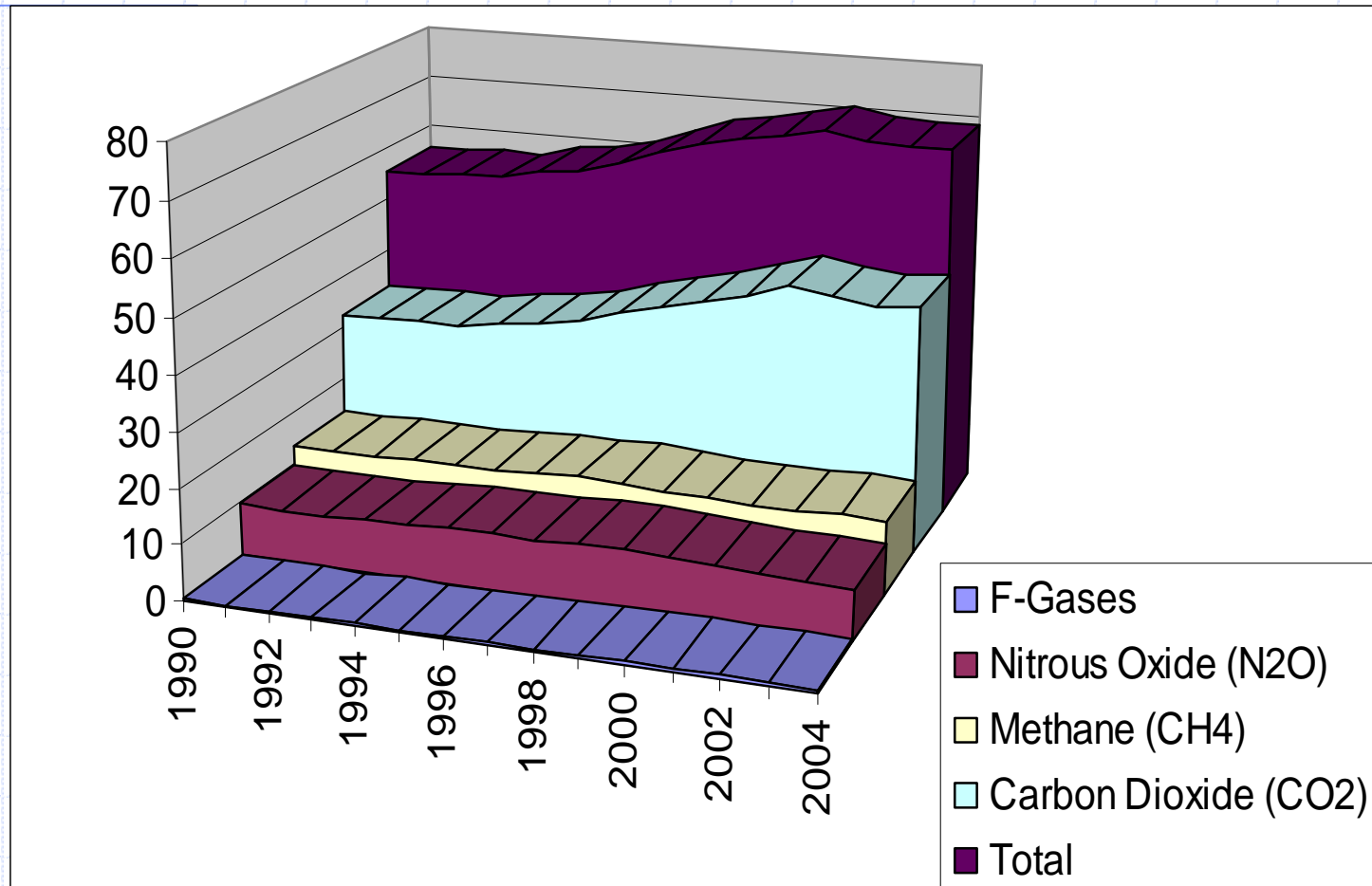
Sectoral Emissions Trends



2004 Emissions - 68.46Mt CO₂e



Emissions trends by gas



Approach to Meeting Kyoto target

◆ EU Emissions Trading Scheme

- ~ 33% of total emissions

◆ Measures in other sectors of the economy:

- Agriculture
- Forestry
- Residential, & Commercial & Tertiary Sectors
- Transport
- Waste

◆ Kyoto Mechanisms

EU Emissions Trading Scheme

- ◆ January 2005: 3-year pilot phase
- ◆ 109 Irish firms - 11,500 EU-wide
- ◆ Allocations of allowances to cover emissions, but individual allocation capped below business as usual requirements
- ◆ 2005 ETS Emissions Data now available:
 - Actual Emissions: 22.398Mt
 - Allowance Allocation: 20.744Mt

Preparations for ETS Phase II

- ◆ Updated greenhouse gas projections ICF – Byrne Ó Cléirigh:
 - Reduced distance to Kyoto compliance from 9.2Mt to 7.174 Mt
- ◆ Analysis of other approaches for NAP I
- ◆ Government Decision on NAP II allocation
- ◆ EPA – Prepare National Allocation Plant
 - Draft NAP for public consultation (www.epa.ie deadline:12/6/06)
 - Submission of NAP to Commission 30 June 2006
 - Assessment and approval by Commission
 - Final Allocation Decision end 2006

Measures to support ETS

- ◆ 'Linking Directive' transposed by SI 706 of 2005
 - Allows use of Kyoto project credits in EU Scheme
- ◆ Designation of EPA as national approval body for JI and CDM - SI 244 of 2006
 - Allows ETS firms and others to invest in projects
 - Spreads costs between countries and companies
 - Establishes Kyoto registry

National Climate Change Strategy



"...provides a framework for achieving GHG reductions in the most efficient and equitable manner while continuing to support economic growth and to prepare Ireland for the more ambitious commitments ... after 2012".



First review of progress 2002



International and domestic developments



2nd Progress Report & options for the future June 2006



Revised Strategy - End 2006

Projections for existing measures

Policies & Measures	Average annual Reduction 2008-12 Mt CO_{2e}
CAP Reform – full decoupling	2.40
Afforestation	2.08
RES-E Directive	1.30
Landfill Gas powergen / flaring	0.70
EU/ carmakers voluntary agreement	0.48
Building Regulations Part L & EPBD	0.30
Dublin traffic measures (e.g. Port Tunnel)	0.27
Biofuel excise relief	0.25
Implementation of Landfill Directive	0.06
Modernisation of natural gas network	0.06
Motor taxation / fuel labelling	0.05
Total	7.95

Additional measures

◆ Other measures not included in existing projections:

- Transport 21 projects – promotes modal shift
- SEI Greener Homes Scheme

◆ Additional measures identified by ICF/BOC

- F-Gases regulation (0.24Mt)
- Landfill anaerobic digestion / heat production (0.46Mt)
- Additional Natural Gas network upgrades (0.027Mt)

Use of Kyoto Mechanisms

- ◆ Government policy on purchase of carbon credits
- ◆ Budget announcement on Carbon Fund: €20m for 2006
- ◆ Designation of NTMA
- ◆ Carbon Fund legislation in preparation

Kyoto distance to target breakdown

Action	Average Annual Reductions
ETS Sector	3.053
Existing Measures (already included)	(7.95+)
Additional measures in non-ETS Sectors	0.514
Kyoto Mechanisms	3.607
Total	7.174

Post-2012

◆ Montreal Outcomes and Plan of Action

- Adoption of Marrakech Accords & Compliance Regime for Kyoto implementation
- 3 separate processes :
 - ◆ Future Commitment of Kyoto Annex B countries
 - ◆ Overall review of the Protocol
 - ◆ Discussion under the auspices of UNFCCC to include parties that have no commitments under Kyoto

◆ EU Position

Further information

◆ www.environ.ie

- National Climate Change Strategy
- Projections report
- Linking Directive & Flexible Mechanisms Regulations

◆ www.epa.ie

- First National Allocation Plan & draft Second Plan
- Emissions Trading Registry
- Monitoring and Reporting information

◆ www.unfccc.int

- Convention and Kyoto Protocol
- COP Meetings
- CDM & JI

Thank you for your attention
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