



The project is funded by the European Commission's
Directorate-General Environment



EU Transport GHG: Routes to 2050?

Introduction to the project

Ian Skinner, AEA

Stakeholder meetings
July 2009, European Commission

Partners

www.eutransportghg2050.eu



Overview of presentation

1. Project

- Objectives and principles
- Background
- Themes and phases

2. Objectives of this meeting/project's wider stakeholder engagement

3. Format of the rest of the day

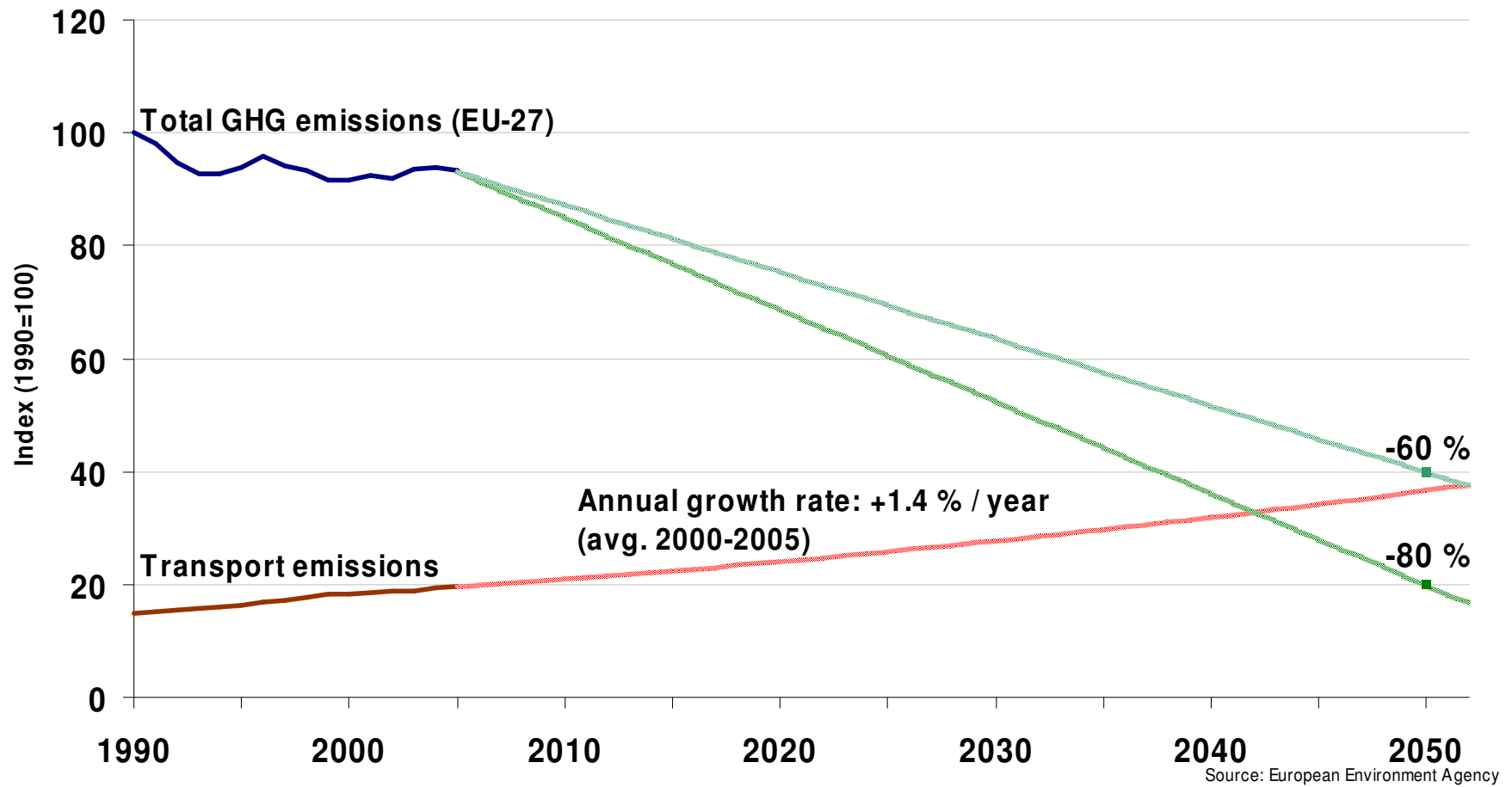
Project background

- For DG Environment; desk officer: Ian Hodgson
- Began in December 2008; will run to March 2010
- Involving AEA (UK), CE Delft (NL), TNO (NL), ISIS (IT) and Milieu (BE):
 - AEA responsible for overall project management and reporting
 - CE Delft leading on stakeholder engagement
 - Other partners leading on/contributing to particular tasks

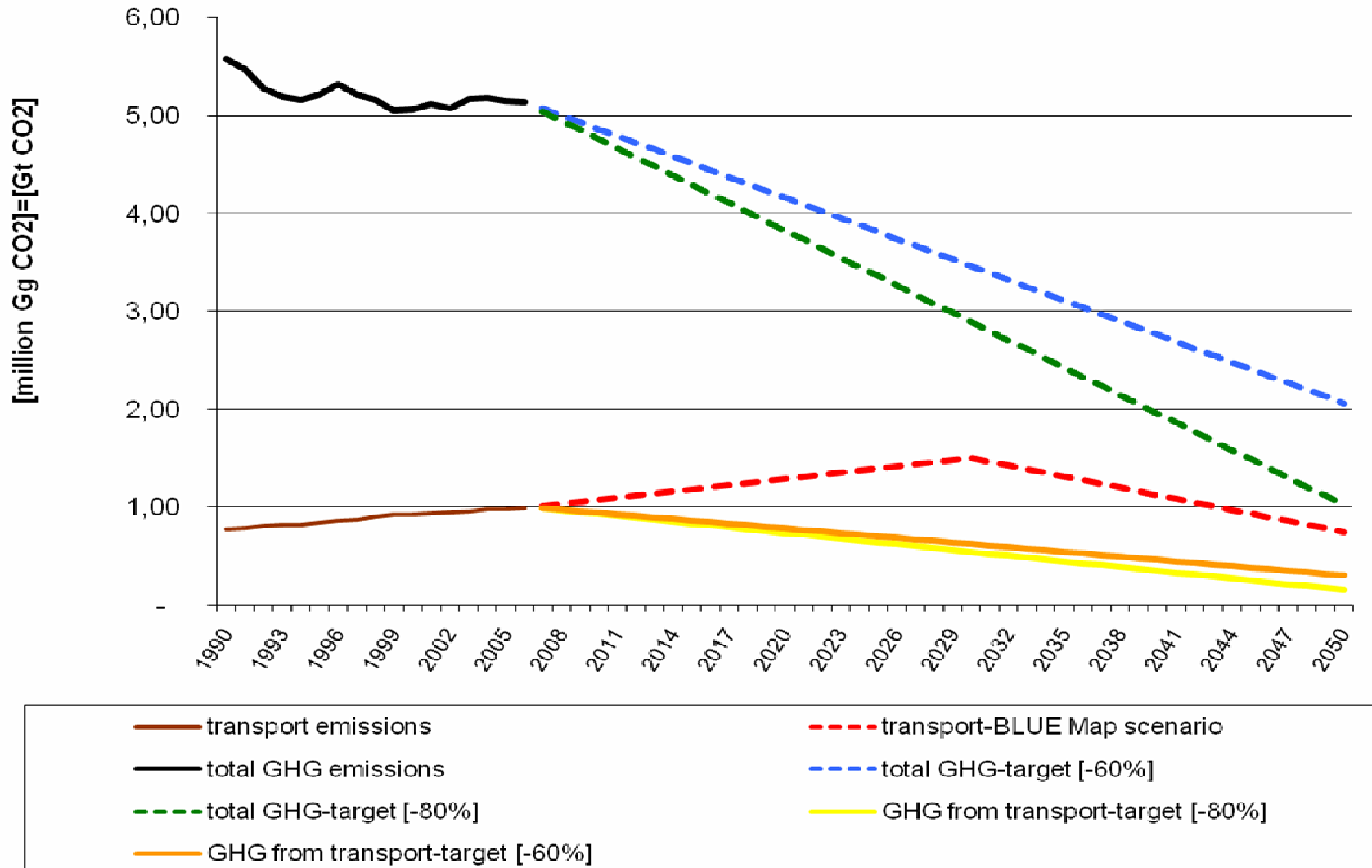
Project objectives and principles

- Begin to consider long-term transport policy framework in context of need to reduce greenhouse gas (GHG) emissions economy-wide
- Dealing with medium- to longer-term (post 2020; to 2050), i.e. moving beyond recent focus on short-term policy measures
- Identify what we know about reducing transport's GHG emissions; and what we do not
- Identify by when we need to take action and what this action should be
- Qualitative and quantitative approach (necessarily given timeframe)
- Need to engage transport and other stakeholders about what transport might have to deliver in terms of GHG emissions reductions

EU overall emissions trajectories against transport emissions (indexed)



EU 27 total GHG and GHG from transport trends vs possible targets and IEA BLUE Map scenario



Project actions to date

- Part I (January to July 2009):
 - Project inception (including website) (Feb)
 - Collation of information on measures to reduce transport's GHG emissions (Feb)
 - Identification of scenarios of potential GHG reductions required by transport (Task 2; Feb to March)
 - Review of transport trends and drivers (Task 3; Feb to March)
 - **First large stakeholder event (27 March)**
 - **Including presentations on Tasks 2 and 3**
 - Development of five papers outlining an initial assessment of options to reduce transport's GHG emissions (Apr-Jun)
 - **Engagement with stakeholders on options papers (July)**

Project actions: planned

- Part I (continued) (July to October 2009):
 - Finalisation of options papers (summer); development of papers on policy instruments
 - Engagement with stakeholders on policy instruments papers (September?)
 - Finalisation of policy instruments papers (October?)
 - Second large stakeholder event (October?)
- Part 2 (November to January 2010):
 - In-depth qualitative assessment of selected measures
 - Exploration of scenarios, plus development of cost curves for selected measures
 - Proposals for long-term policy frameworks to reduce GHG emissions, including a prioritisation of measures
 - Third large stakeholder event (early 2010)

Papers on technical/non-technical options

- Developed April to June; presented in early July; then finalised
 - Note that the papers are only in draft form
- Project definitions:
 - **Options** deliver GHG emissions reductions in transport, e.g. technical, operational, modal shift
 - **Policy instruments** may be implemented to promote the application of these options
- Five papers on technical/non-technical options:
 1. Technical options for fossil fuel based road transport
 2. Alternative energy carriers and powertrains
 3. Technical options for non-road transport modes
 4. Operational options for all modes
 5. Modal split and decoupling
- Followed by the development of five papers on **policy instruments**

Papers on technical/non-technical options

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 - Note that the papers are only in draft form
- Project definitions:
 - **Options** deliver GHG emissions reductions in transport, e.g. technical, operational, modal shift
 - **Policy instruments** may be implemented to promote the application of these options
- Five papers on technical/non-technical options:
 1. Technical options for fossil fuel based road transport
 2. Alternative energy carriers and powertrains (relating to non-road modes)
 3. Technical options for non-road transport modes
 4. **Operational options for all modes**
 5. **Modal split and decoupling**
- Hence, presentations at this meeting draw on these two papers

Objectives of this meeting and project's wider stakeholder engagement

- Enable you to hear **a summary presentation** of our *draft* findings
- Give you the opportunity **to discuss** the *draft* findings
- Together reach an agreement on **what we know** and **what we do not know** regarding technical options for reducing GHG emissions from road modes
- Enable you **to provide input to the project** – either during the meeting or afterwards
- **Stimulate a debate** among EU stakeholders about future policy action that might be needed to reduce transport's GHG emissions

Format of remainder of this event

Focuses on non technical options for reducing transport's GHG emissions

Morning on **freight** transport – Presentations and discussion on:

- Modal shift and decoupling growth
- Improved logistics

Lunch

Afternoon on **passenger** transport – Presentations and discussion on:

- Intelligent and alternative passenger transport systems
- Modal shift and decoupling growth
- Operational options and improved vehicle utilisation



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Any questions??

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