



**A TRADITION OF  
INDEPENDENT  
THINKING**



University College Cork, Ireland  
Coláiste na hOllscoile Corcaigh

## *TIMES-CGE Workshop Introduction*

Brian Ó Gallachóir and James Glynn

ETSAP Meeting Copenhagen Nov 18 2014



# Project Objectives



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*exchange views* on methodology, experiences with linking, *compare results* and *provide guidance* on best practice for other countries

This project comprised

- i) a **workshop** in Cork on linking TIMES models with CGE models
- ii) a **best practice guide** on linking TIMES models with CGE models

## Deliverables:

- i) Workshop proceedings,
- ii) Best practice guide on linking TIMES models with CGE models.

# Progress to Date



- **Workshop February 2014 Cork**
- **[http://www.iea-etsap.org/web/UCC\\_Workshop14.asp](http://www.iea-etsap.org/web/UCC_Workshop14.asp)**
- James Glynn, Patrícia Fortes, Maurizio Gargiulo, Leena Grandell, Per Ivar Helgesen, Kenneth Karlsson, Tom Kober, Tiina Koljonen, Anna Krook-Riekkola, Socrates Kypreos, Maryse Labriet, Antti Lehtilä, Bruno Merven, Neil Strachan, Phil Summerton and Brian Ó Gallachóir 2014 *Economic Impacts of Future Changes in the Energy System – Part I*. Chapter in **Springer Book** *Informing energy and climate policies using energy systems models* (in review).
- James Glynn, Patrícia Fortes, Maurizio Gargiulo, Leena Grandell, Per Ivar Helgesen, Kenneth Karlsson, Tom Kober, Tiina Koljonen, Anna Krook-Riekkola, Socrates Kypreos, Maryse Labriet, Antti Lehtilä, Bruno Merven, Neil Strachan, Phil Summerton and Brian Ó Gallachóir 2014 *Economic Impacts of Future Changes in the Energy System – Part II*. Chapter in **Springer Book** *Informing energy and climate policies using energy systems models* (in review).

# Today's Workshop



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- harmonising of presentations and papers would be useful for easier comparison of methods & approaches
  1. Introduction
    - 1.1 Rationale
    - 1.2 Motivation
    - 1.3 Scenario description
  2. Methods
    - 2.1 Data Harmonisation
    - 2.2 Model Structure & Linkages
    - 2.3 Substitution approach & structure (CES, Leontief?)
    - 2.4 Revenue Recycling (if applicable)
  3. Results
    - 3.1 Energy Service Demand impacts
    - 3.2 Economic Impacts
      - 3.2.1 Jobs/Employment
      - 3.2.2 Gross Domestic Product
      - 3.2.3 Welfare
    - 3.3 Additional Insights & benefits of model linkages
  4. Conclusions
    - 4.1 Critical Messages

# Next Steps



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- Special Issue Journal (virtual?)
- Papers to feed into COP next year?
- Common theme – disruptive scenarios?
- Final Workshop on Papers Spring 2015?