EUROPEAN COMMISSION / European Research Area / 7th Framework Programme

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POLSCA
Impact Assessment of EU policies

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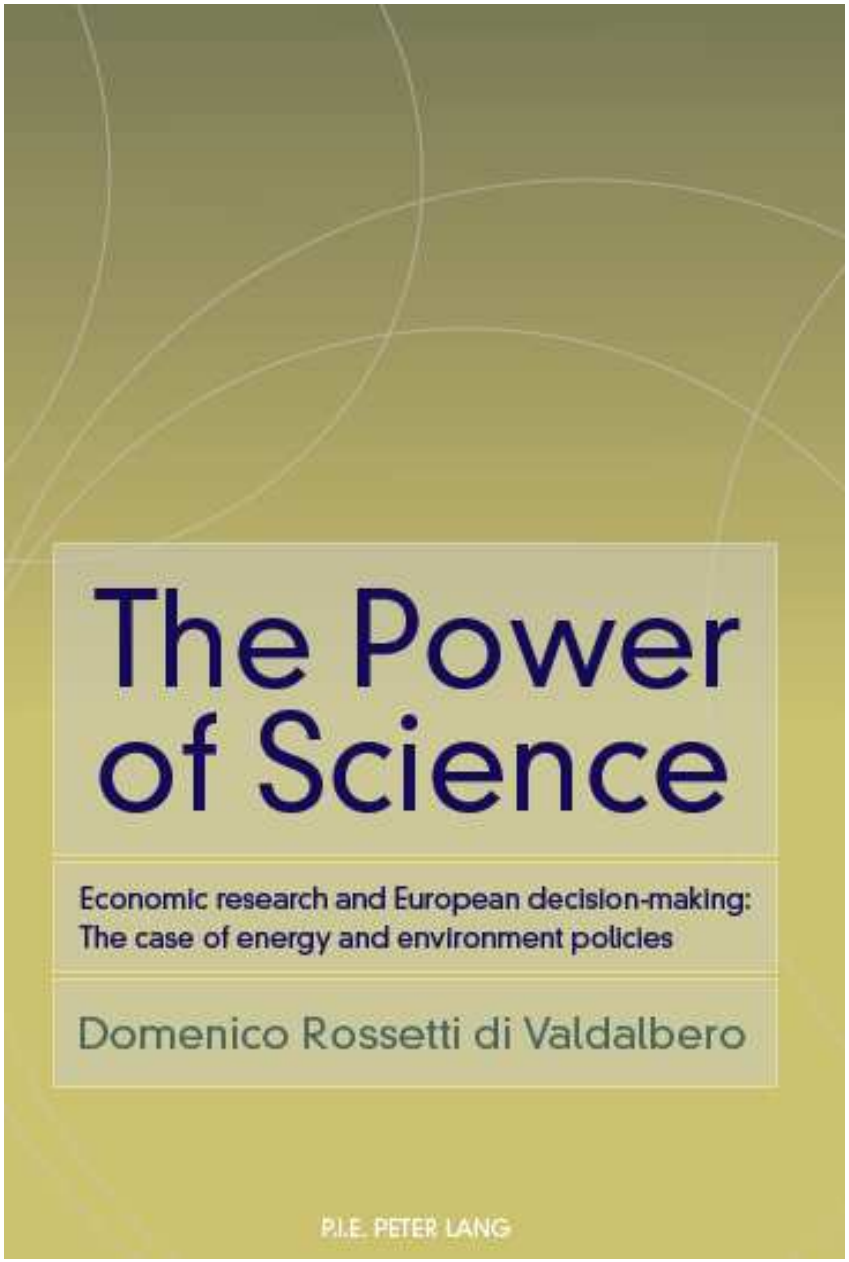
COOPERATION

The origins of Impact Assessment

- **European Commission Communications:**
  - on European Governance, COM(2001)428
  - on Impact Assessment, COM(2002)276
  - on the collection and use of expertise by the Commission: Principles and guidelines – Improving the knowledge base for better policies, COM(2002)713
  - Updated Communications
- ***Ex ante* IA is a formal procedure since 2003 (obligatory for all Commission major initiatives)**
- **IA aims at improving the quality and coherence of the policy development process**
- **Assessment of economic, social and environmental impacts**


The Power of Science
Economic research and European decision-making: The case of energy and environment policies
Domenico Rossetti di Valdalbero
P.I.E. PETER LANG

Europe 2020: A genuine EU strategy

- **Smart growth: developing an economy based on knowledge and innovation**
- **Sustainable growth: promoting a more resource efficient, greener and more competitive economy**
- **Inclusive growth: fostering a high-employment economy delivering social and territorial cohesion**

EU research in Socio-economic Sciences and Humanities: Objectives

- **Knowing:** Data, statistics, indicators
- **Explaining:** Tools, definitions, methods
- **Understanding:** Context, causes, mechanisms
- **Forward looking:** Modelling, foresight, scenario
- **Recommending:** From knowledge to policy

Socio-economic Sciences and Humanities (SSH): Projects

- Research on productivity measurement (EU KLEMS)
- Measurement of intangibles and services (INNODRIVE, COINVEST, SERVICEGAP)
- Forward looking activities, including at sectorial level (PACT, WORLD IN 2025)
- New and improved databases (WIOD) and models (PASHMINA)
- Evaluation of R&D and innovation impact (DEMETER)

FP7 SSH 2011 Calls for Proposals

Socio-economic Sciences and Humanities (SSH)

New calls for proposals published on 19 July 2010:

FP7-SSH-2011-1 (large-scale projects > 6.5 M€)

FP7-SSH-2011-2 (small-medium projects < 2.7 M€)

FP7-SSH-2011-3 (coordination and support actions)

Deadline: 2 February 2011 at 17:00 (Brussels time)

http://ec.europa.eu/research/social-sciences/funding_en.html

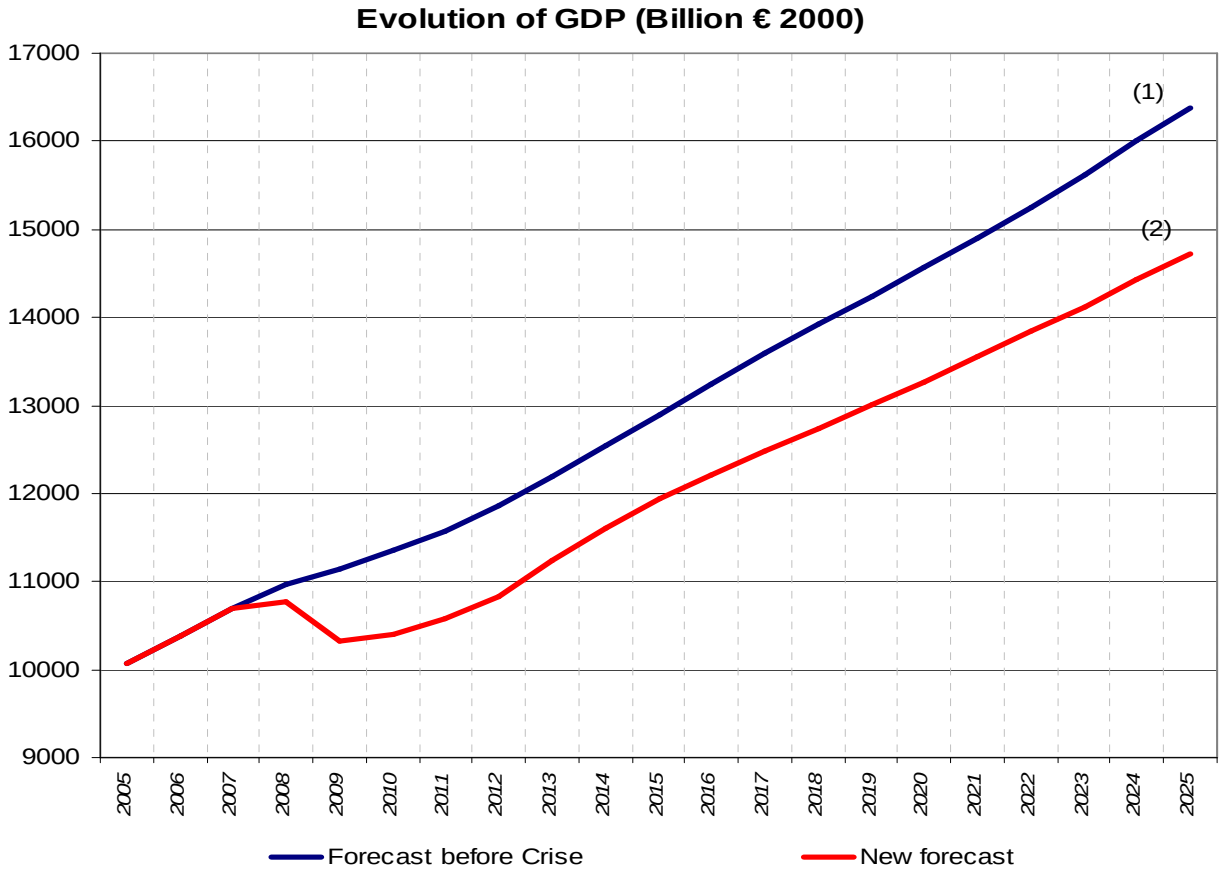
COOPERATION

Impact assessment topic

SSH.2011.6.4-1 Impact assessment of EU policies

- **Comprehensive framework regarding social impacts**
- **Cost-effectiveness of policies integrating social, cultural and environmental dimensions**
- **Comparisons of *Ex ante* with *Ex post* evaluations**
- **Operational quantitative and qualitative evidences (Europe 2020, costs and benefits of EU policies)**
- **R&D and innovation policies; challenges in « World in 2025 »**
- **New databases, methods and tools available for the public**
- **Validation**

Impact of the crisis on EU GDP

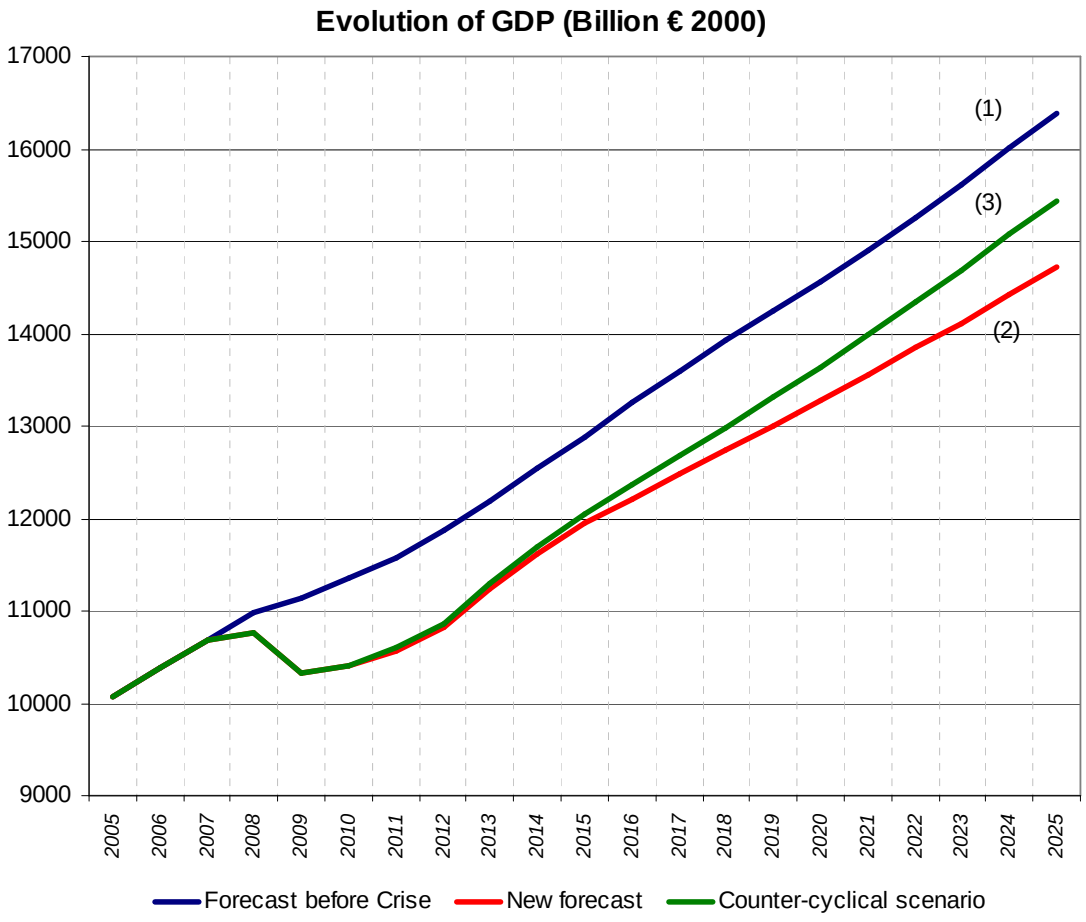


The effects of the recent financial and economic crisis are durable: the EU GDP gap (average 9%) increases up to 2025.

The difference between the forecast made before the crisis and after the crisis (GDP lost) is more than € 1,500 billion for the EU by 2025.

Source: DEMETER project – NEMESIS model (P. Zagamé)

Impact of the crisis and R&D scenario



Source: DEMETER project – NEMESIS model (P. Zagamé)

With an ambitious R&D effort ("counter-cyclical scenario“, i.e. 3% R&D target), almost half of the GDP gap would be filled by 2025.

The 3% R&D target could lead to a net gain of more than € 700 billion by 2025 and to a net gain of almost four million jobs by the same date.

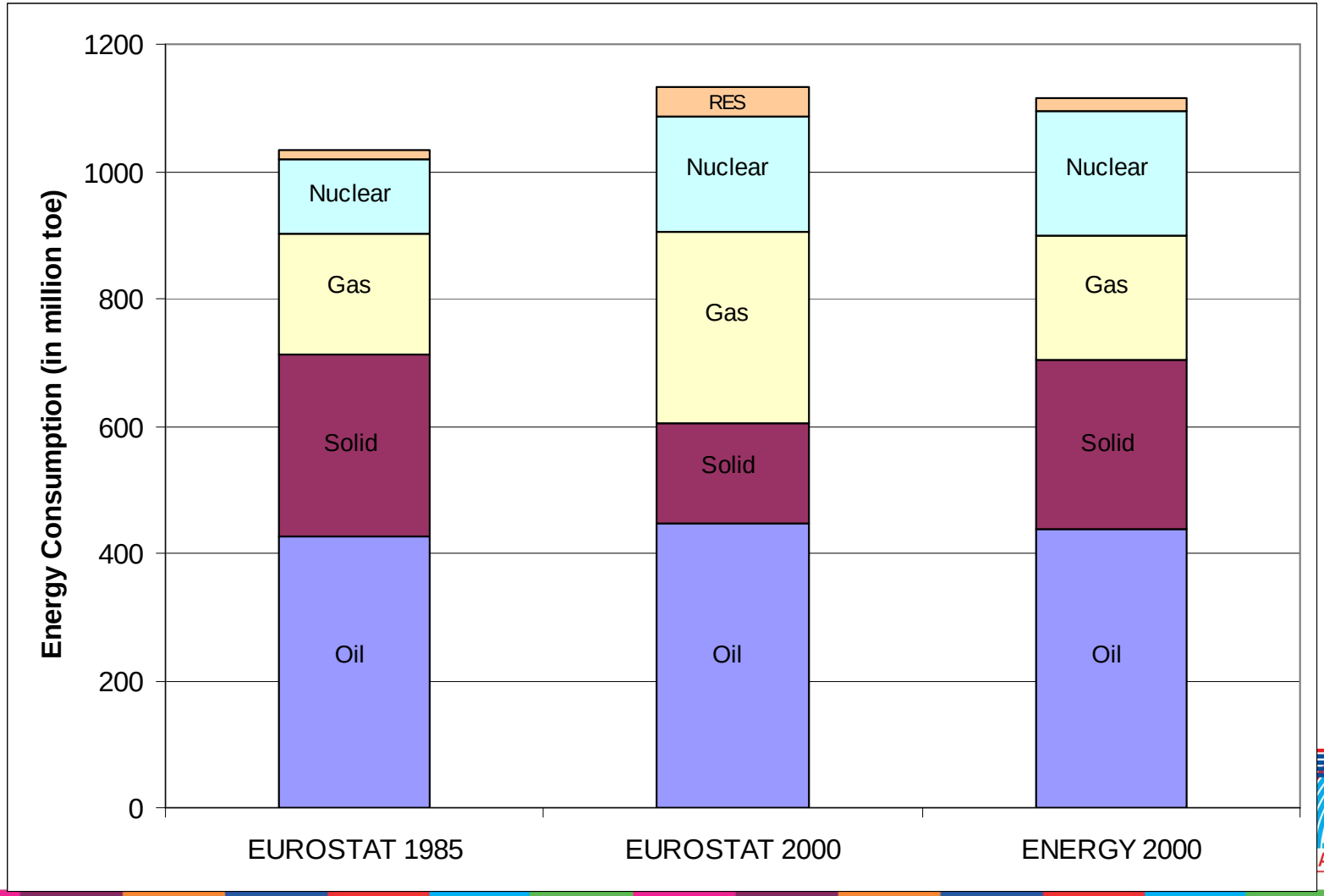
Importance of spillovers – Results in 2025 (sustained shocks of € 6.5 billion EU R&D)

	All externalities	Without externalities	Without international externalities
GDP	0.48 %	0.17 %	0.38 %
Exports	0.75 %	0.19 %	0.57 %
Imports	- 0.13 %	- 0.03 %	- 0.08 %
Consumption	0.51 %	0.20 %	0.42 %
Employment	310,000 jobs	173,000 jobs	255,000 jobs

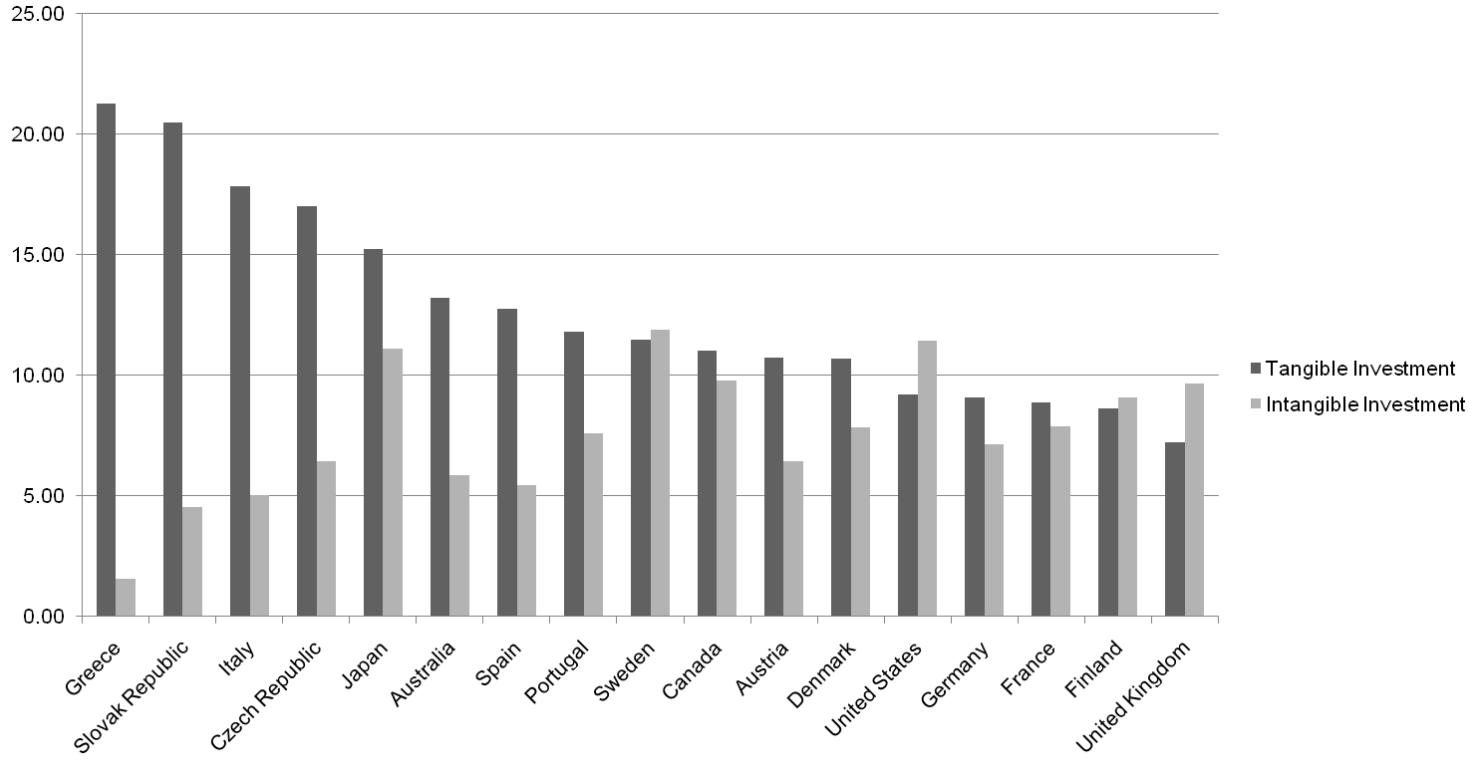
Source: DEMETER project – NEMESIS model (P. Zagamé)

Ex post evaluation

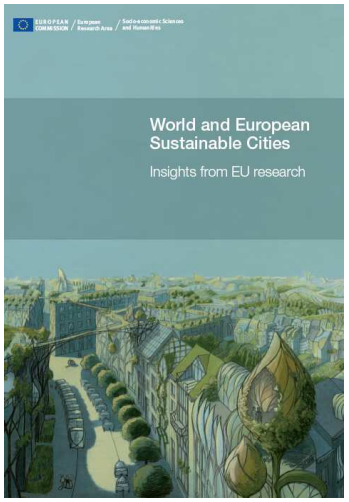
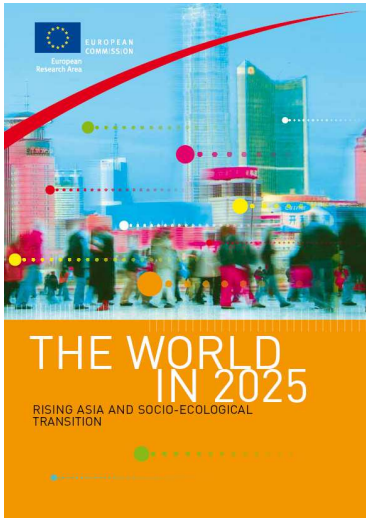
Energy 2000 (EFOM and MEDEE models) compared to real Eurostat figures



Tangible and Intangible investments 2006 - (% market sector GDP)



Source: COINVEST (J. Haskel)

Socio-economic Sciences and Humanities (SSH) priorities

- **Innovation Union**
- **Societal / Grand challenges**
- **Socio-ecological transition**
- **Support to EU policies**