



DEMETER

DEvelopment of **ME**thods and **T**ools
for **E**valuation of **R**esearch

TIP GROUP Work Shop

Socio Economic Impact of Public RTD

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WHAT?

- To develop Methods and Tools
- In order to make *ex ante* assesment of R.T.D policies:
 - European
 - National
 - Sectoral



WHAT?

- European R.T.D Policies
 - Lisbon related strategies
 - F.P. for R.T.D
 - Synthesis of the different actions cost of the Non Europe of Research



WHAT?

- ❑ National Policies and National Action Plans (NAP) for R.T.D and their Evolution
- ❑ Assessment for the Coherence and synergies between actions at the National levels and at the European one
- ❑ Over all impact assessment



WHAT?

- Sectoral Policies:
 - European
 - National



WHAT?

- Opportunity cost in terms of R&D efforts and performances of other EU founded policies
 - Example: opportunity cost of CAP
 - Suppression of CAP and recycling on R&D subsidies



HOW ?

- To implement new results on R.T.D, Knowledge and Growth Economics in Applied Detailed Modeling
 - NEMESIS Econometric Model
 - GEM-E3 General Equilibrium Model



HOW ?

- Extension of Knowledge variables (Classification of D.FORAY)
 - Hardware,
 - Human capital
 - Knowledge capital
 - Organizational capital



HOW ?

- Interaction with Human Capital
 - Nelson and Phelps
 - Acemoglu, Aghion, Zibilotti



HOW ?

- R.T.D decisions, Public incentives
- Other Market Incentives
 - Crowding-in or leverage Effects
 - Patent System



HOW ?

- Externalities
- New Data Basis coherent with EU-KLEMS



WHO ?

- ❑ ERASME (France): Fougeyrollas, Gaffard, Le Mouël, Zagamé
- ❑ UNU-MERIT (Netherlands): Soete
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