

SIMPATIC final conference
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**EVALUATION OF
RESEARCH AND INNOVATION
POLICIES**

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* *Personally speaking*

EU research and innovation in 30 years

- R&I from a piece of industrial policy to a genuine EU policy
- E. Davignon: *FP has shown the vanity of national borders*
- A key EU policy for several priorities of President Juncker: growth and jobs, digital single market, Energy Union, strengthened industrial base
- For 2014-2020 (MFF): € 280 Billion for R&I (Structural and Investment Funds and Horizon 2020)
- ERC, Joint Programming, EIT, ERA, etc.
- But still a lot to do if Europe wants to be a global R&I leader

Evaluating the impact of R&I

- **Particularly important in times of crises and austerity**
- **Adopt both a micro and a macro perspective**
- **Policy question: EU versus national funding**
- **Take into account the "revolution" of *big data***
- **Link between the scientific world and the society (cf. economic and social welfare)**

Key questions on the impact of R&I

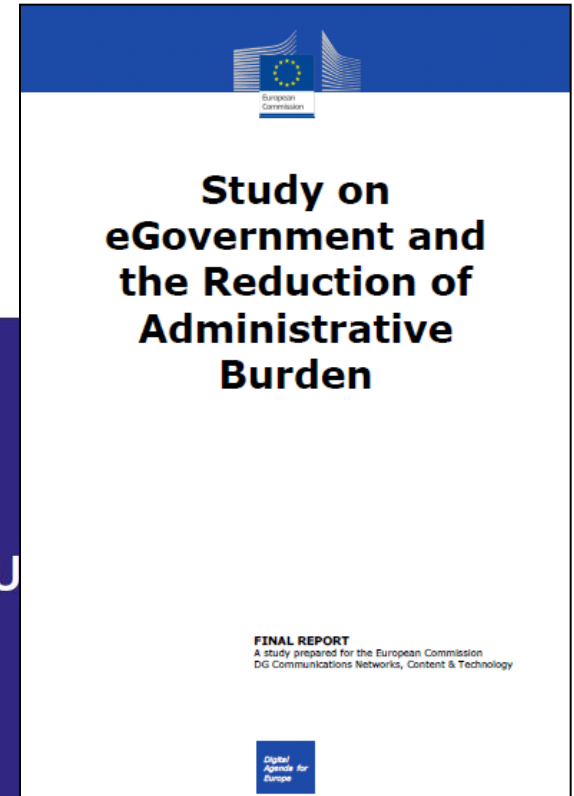
- **How to measure the productivity of R&I in a global, service-based and open science world?**
- **What is the optimal size of a R&I grant ?**
- **How to quantify the networking effect among scientists?**
- **Leverage effect (medium to long-term impact of 1 € invested EU R&I)?**

Key questions on the impact of R&I

- **Sectorial spill-overs (should we invest in high or low-tech sectors)?**
- **EU added-value (what is most rewarding: to invest 1 € at EU-level or at national-level, i.e. international spillovers)?**
- **Impact on the creation of Jobs (40 years) or Jobs/years?**

Looking at the future (2016-2017)

- **Horizon 2020**
- **Societal Challenge 6**
 - ❑ Evidence to underpin R&I
 - ❑ Economic assessment of R&I policies



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Research and Innovation