



e-Infrastructure governance: legal and financial aspects

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Frans de Bruijn



- Area: e-Infrastructure governance: legal and financial aspects
 - How to finance investment in international e-Infras, without creating barriers for international use?
 - *How to remove national legal barriers for international service provision?*
 - *How to balance financing of the necessary national and European contributions to the e-Infrastructure ecosystem?*
- **Goal:** *Flexibility and sustainability of e-Infrastructures*

Context: Current practices - achievements and limitations

- *Service fees (e.g. DFN, D-Grid) or public funding*
- *Best practices/lessons learned from RIs: Opening access of RIs to full European user base → Develop an EU knowledge market*
- *National participation based on GDP-based approaches (GEANT; EGI)*
 - *However for HPC /PRACE concentration on fewer countries*
- *ERIC: Speed up process*
 - *Member States need to implement it at national level*
- *Broker corporation to coordinate multiple e-Infrastructure centres to avoid shared liability and penalties (D-Grid)*
 - *Establish an EU broker corporation?*
 - *Representation of users?*
 - *How will we fund int'l use of e-infrastructures?*
- *Break up e-Infrastructure monopolies? Make a European Market*

Proposed approach

- Service fees or public funding?
 - Based on market commercial offerings (commodities) and whether e-Infrastructures are one step ahead from the market
 - Possible role of private sector providers for commodity services (Grids – Commercial cloud services similar to Grid ones)
 - Again no one size fits all approach
- Financial support on a matching base:
 - EU-investments leverage national ones
 - National ones leverage campus ones
- Need of continuous excellence
 - Open innovation & sustainability, openness to international excellent science, competition, benchmarking, user support & friendliness
- Public Private Partnerships
- E-infrastructure can best considered an e-Ecosystem; user driven innovation

Thank you!

e-IRG secretariat

www.e-irg.eu

www.e-irg.eu/support

secretariat@e-irg.eu

