

International data infrastructure collaboration

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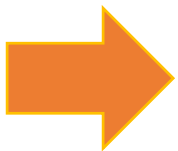


Experiences / Challenges

- Science inherently global, however disciplinary oriented
- Levels and maturity of institutional framework varies
 - Voluntary based data provision into regional /global data centres
 - Countries as parties: data provision based on national agreements
- Framework for international funding platforms younger than international science collaboration (small scale activity)

Governance - European solution

- Collective policy and funding platform
 - European parliament, European council
 - European Commission and Horizon2020 framework programme (H2020 Research infrastructure and e-infrastructure work programme)
- Collaborative, variable geometry – approach
 - Member state collaboration, several platforms
 - ESFRI example
- National level streamlining
 - National policies and funding support for European activities



European landscape of activities and actors
Consensus-based, high value for collaborative, contributing approach
But sometimes slow processes, sub-optimal solutions



ESFRI - European Strategy Forum on Research Infrastructures

- Launched in 2002
- A forum of Member States, Associated States, and European Commission
- ESFRI identifies new Research Infrastructures of pan-European interest corresponding to the long term needs of the European research communities, covering all scientific areas, regardless of possible location
- The ESFRI Roadmap 2006, update 2008, 2010 (new roadmap in 2016)
- The ESFRI roadmap contains currently 48 projects

NOTE! ESFRI is not funding RIs

ESFRI gives the European label, Member States funds the construction and operations



Horizon2020

Cluster



Environmental Research
Infrastructures Providing Shared
Solutions for Science and Society



OECD



COOP+

