Welcome!

Sverker Holmgren

e-IRG Chair

Thank you!

A Big Thanks to the Italian Presidency
and the local organisers!

The e-Infrastructure Reflection Group

Founded to *provide strategic advice and guidance on the development of a European e-infrastructure for science and research.*

- Delegates appointed by ministries – represents nations (EU member states and associated states + EC)

- Vision: *an open and innovating e-Infrastructure that enables flexible cooperation and optimal use by international user communities of all electronically available resources.*

e-Infrastructure

e-Infrastructure as discussed by e-IRG includes

- Networks/Connectivity
- Computing (HPC, Distributed Computing,…)
- **Data**
- Tools and Services

Note: "Horisontal" e-Infrastructure supports research (all types) and other research infrastructures (all types)

The current European e-Infrastructure landscape

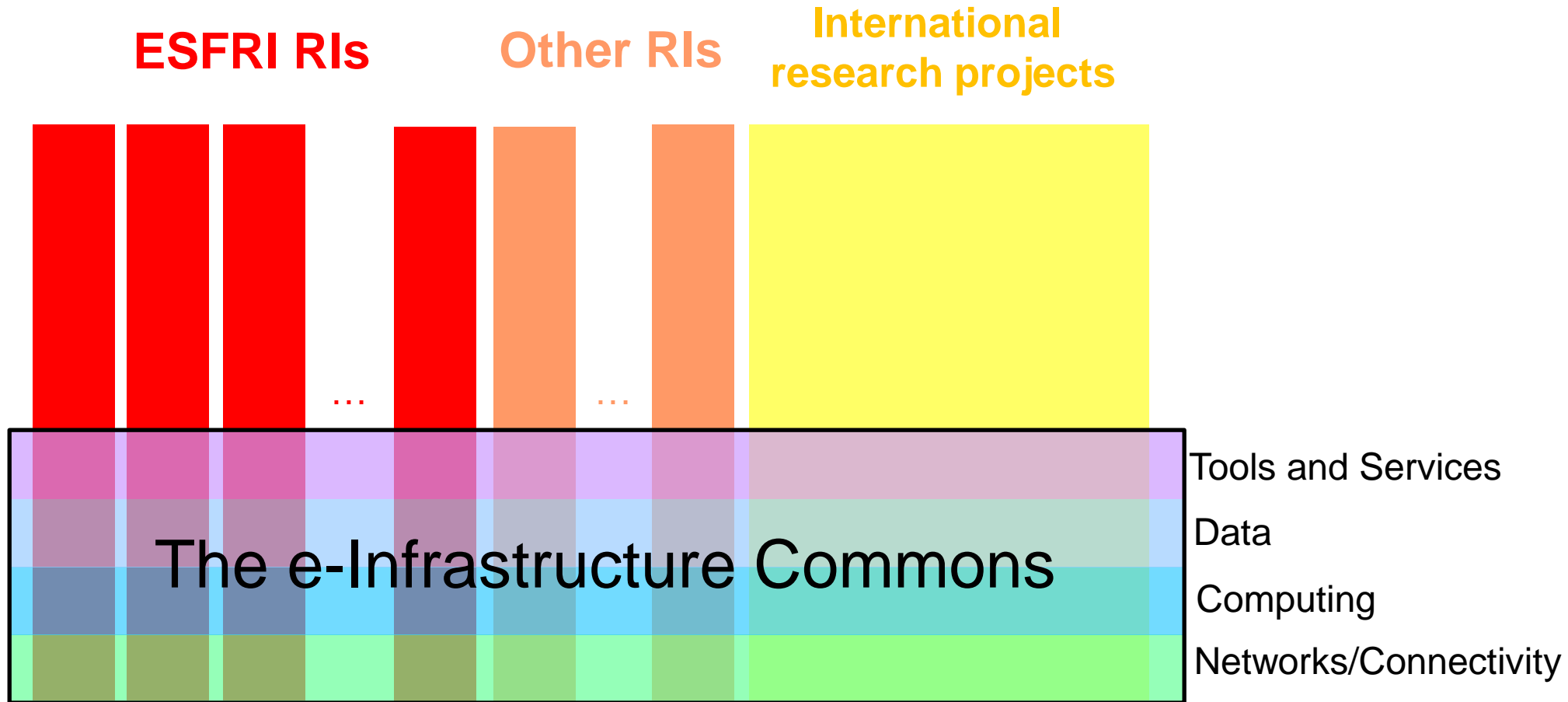- Networks   DANTE, GEANT, Terena
- Computing   EGI, PRACE
- Data   All above + EUDAT, OpenAIRE
  (in different ways)
- Tools and Services   All above (different T&S)

- Disciplinary e-Infrastructures (e.g. in ESFRI projects)
  - Sometimes coordinated with the horisontal e-Infrastructures above at international and/or national level

… still today, European researchers are often confused by this complex landscape…

The e-Infrastructure Commons

e-IRG White Paper 2013: Establish a single *e-Infrastructure Commons* for knowledge, science and innovation…

- …providing a common interface towards users…
- …through a joint effort between users, strategic actors and e-infrastructure providers, to attain an ecosystem in which …
- …users enjoy the freedom to easily choose and use the services they need, so that …
- …they can focus on performing research, in (international) research collaborations.

The e-Infrastructure Commons
(a simplified view…)

ESFRI RIs   Other RIs   International research projects

...   ...

The e-Infrastructure Commons

Tools and Services
Data
Computing
Networks/Connectivity

e-IRG / ESFRI Coordination

- ESFRI observer in e-IRG and *vice versa*
- Joint ESFRI/e-IRG recommendations on data management (2013)
- Annual joint ESFRI/e-IRG meetings (the first in April 2014)
- ESFRI has invited e-IRG representatives to be members of the ESFRI SWGs and Implementation Group
  - Input to the ESFRI Roadmap 2016 proposal format
  - Provide input on e-Infrastructures and data management for the ESFRI Roadmap 2016 Landscape Analysis
  - Participation in scientific evaluation of ESFRI Roadmap 2016 proposals
- e-IRG has formed an *Overarching WG* with the e-IRG reps. in ESFRI WGs
  - Provides a common platform for e-Infrastructure discussions and evaluation of ESFRI Roadmap 2016 proposals
  - **Assigned as editorial board of next e-IRG White Paper:**
    Best e-Infrastructure Practices for Large-Scale Research Infrastructures

A Main Goal of the Rome Workshop

Provide input to the e-IRG White Paper 2014:

Best e-Infrastructure Practices for Large-Scale Research Infrastructures