



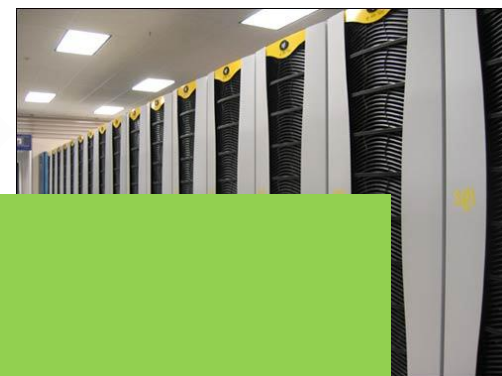
Welcome to the e-IRG Workshop!

Gudmund Høst, Chair

Copenhagen, 11. June, 2012

e-IRG
e-Infrastructure
Reflection Group

ERA – A seamless on-line research area



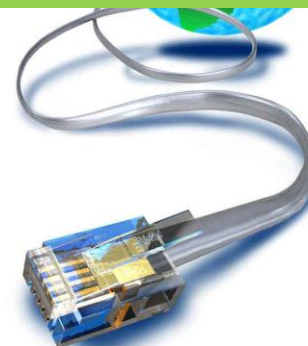
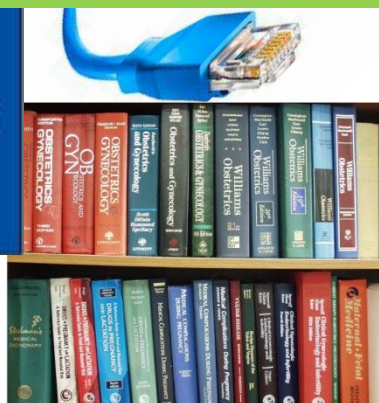
Passport

***e-infrastructures are
key building blocks of ERA***



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EUROPE



Some challenges for European e-Infrastructures

- Pan-European e-Infrastructures cross multiple administrative and national domains
- ICT is changing rapidly and continuously
- Policies for sharing and accessing resources should
 - keep pace with technology development
 - stimulate European collaboration
- Member State ministries and Commission need qualified and consolidated advice

Mission and Vision of e-IRG

e-IRG Meeting in Lugano (Switzerland) in 2008:

*The e-IRG **mission** is to pave the way towards a general-purpose European e-Infrastructure*



*The **vision** for the future is an open e-Infrastructure enabling flexible cooperation and optimal use of all electronically available resources*

- Initiated in June 2003 (Athens workshop)
- 2 delegates per country appointed by national governments.
- Governance structure: Permanent chair, rotating co-chair/troika (executive board) according to each semester EU presidency
- Mode of operation: Consensus opinion by e-IRG plenum
- Target audiences:
 - Policy makers on the (inter-)governmental level
 - Mainly dealing with strategy and funding issues
 - e-Infrastructure service-providers
 - Research networks or computing/data centres
 - Projects that build on this base to provide higher-level services
 - Existing and new user communities
 - looking for the capacities and capabilities that the current and near-future e-Infrastructure can provide
 - Technology developers

e-IRG Recent Publications

e-IRG White Paper (2011)

e-Infrastructures in Support of the Digital Agenda (2011)

e-IRG's reaction to the findings and recommendations of the report of the GEANT Expert Group (2012)

On-going activities

Reports in the pipeline 2012

- e-IRG Task Force Report on Cloud Computing 2012
- e-IRG/ESFRI Data Management for RIs 2012
- e-IRG Task Force Report on Scientific Software 2012
- New e-IRG Roadmap 2012

Consultations for HORIZON 2020

- Networking, Industry and Innovation, Data, Human Factors

Renewing e-IRG strategy

Advancing the European e-Infrastructures

Integrating the Scientific and Public Data Level

Intensifying the Cooperation with Stakeholders

New strategy will strengthen two major roles of e-IRG

1. Advisory body
2. Coordination platform

*- With particular attention to use and management of
DATA*

1. e-IRG – The main advisory body on e-Infrastructures internationally

- On all elements of e-Infrastructure supporting the on-line ERA
- On all aspects: governance, funding, innovation, security, sustainability etc.
 - More action-oriented (quick-response mode)
 - Cultivating the ESFRI relationship
 - Strengthening the support functions

2. e-IRG – The coordination platform for all European e-Infrastructures

Modus of operation:

- Open and transparent
- Stimulating discussions, coordination and integration
- All elements of the e-Infrastructure
- All stakeholders: all kinds of user, all kinds of providers
 - Ex. Data producers – e-Infra providers – researchers

Aims:

- Working towards integration of e-Infrastructure elements
 - Ex. see e-IRG Response to GEG Report
- Facilitating discussions, engaging users
- Identifying bottlenecks, recommending directions
- Stimulating development of advanced integrated services

Particular attention to use and management of data

- *Eliciting and catering for the needs of data driven science*
 - *Stimulating interaction*
data producers – e-Infrastructure providers – users
 - *Coordination and integration of data-critical e-infrastructure elements*
 - *Involving more «data expertise in e-IRG»*
 - *Delegates' background*
 - *External experts in working groups*

How to define «strategy»?

- ***Military: The branch of military science dealing with military command and the planning and conduct of a war***
- ***Ecological: A complex of adaptations that appears to serve an important function in achieving evolutionary success***

“God made the world round so we would never be able to see too far down the road.”

- Karen Blixen