

# e-IRG Workshop in Athens

## e-Infrastructure policy EC



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# e-Infrastructure policy for European Commission

- ❑ EC/CNECT funds e-Infrastructures with 100M€ in 2014 and ~110M€ in 2015
- ❑ EC/RTD funds Research Infrastructures with 279M€ in 2014 and ~304M€ in 2015

Why?

# e-Infrastructure policy for European Commission

- **Because we want to ...**
  - ❑ Support to European Research policy by enabling **world class infrastructures in Europe**
  - ❑ Support "making **every researcher in Europe digital**", **connected** and **in reach** of the best virtual tools, repositories, software and HPC available

# e-Infrastructure policy for European Commission

**So that ...**

- ☐ European researchers have fast access to best research facilities...
- ☐ European researchers can get connected to share and find...
- ☐ European Research publications will be openly available and data behind the research open for reuse
- ☐ Scientific research in Europe leads to innovation



... and thus...

**EUROPEAN RESEARCH WILL**

• **BE IN THE GLOBAL FOREFRONT AND ...**

**... WE WILL MAKE THE**

• **BEST SCIENCE IN THE WORLD**

**... AND FROM THAT, WE ENABLE  
WORLD CLASS INNOVATION**

# How do we want to develop Europe?

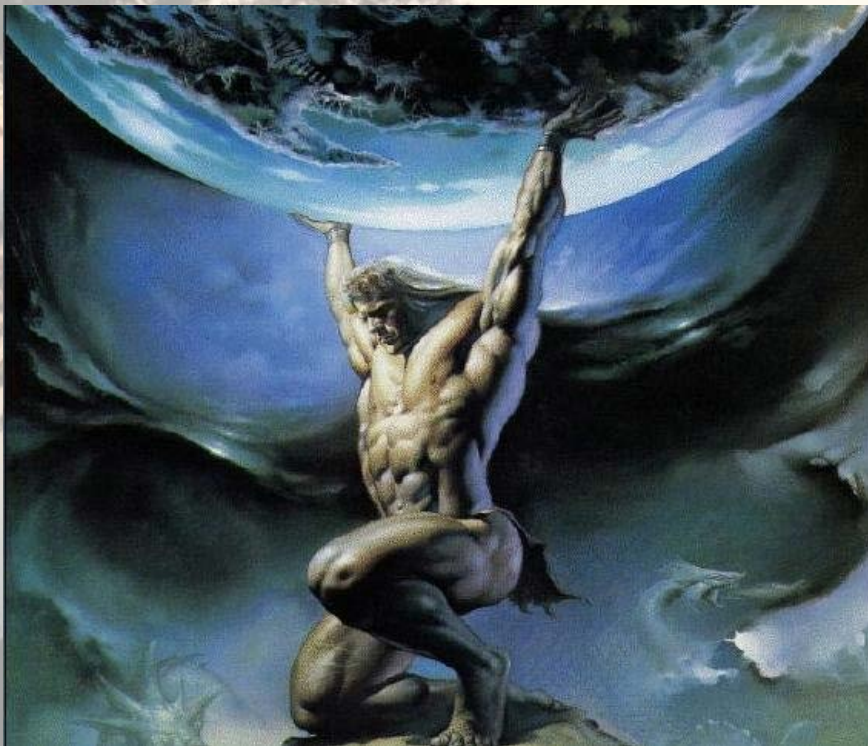
What is the European long term vision for research, digital research, e-Science and e-infrastructures?

EC wants to develop that together with e-IRG

Key words:

- Industry – Innovation
- Integration – Commons
- Citizen – User driven – Open
- Service – Support - Enabling

# E-infrastructures support research



By providing access and funding,  
supporting creation of,  
developing...

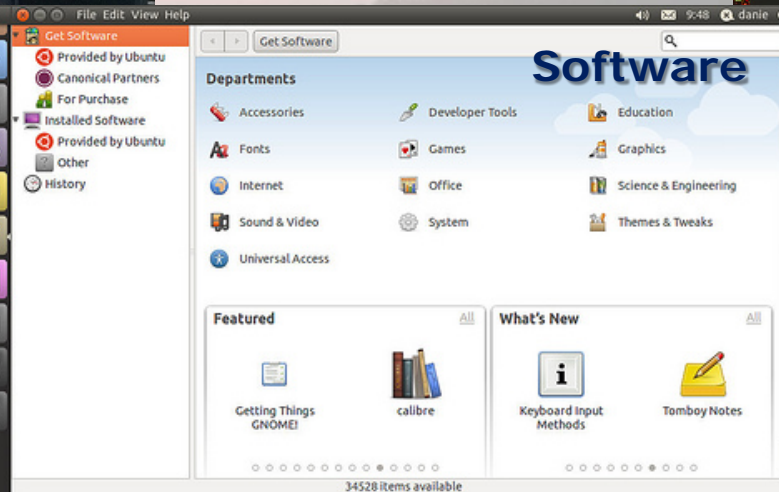
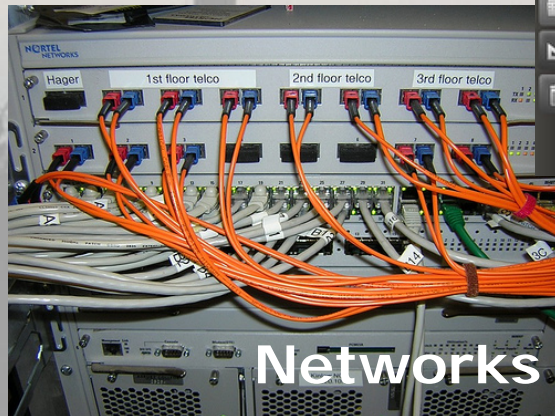
- Connectivity
- Open access
- Data and computing infrastructures
- HPC
- Grid and cloud infrastructures
- Virtual research environments
- Centres of Excellence for (thematic) HPC use
- etc...



**We are getting integrated...  
... aren't we?**



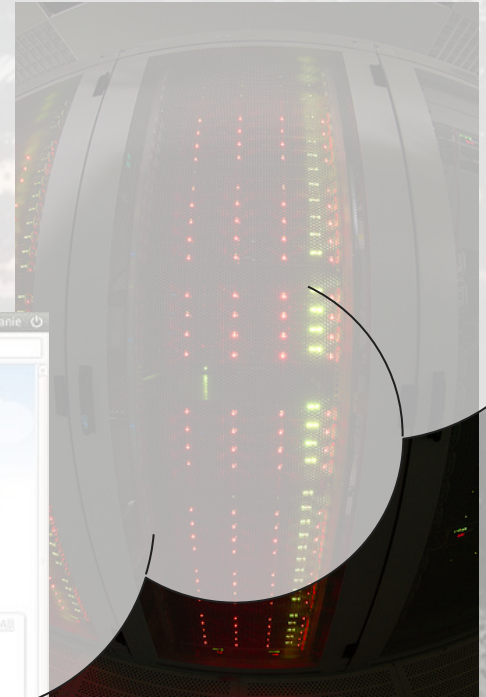
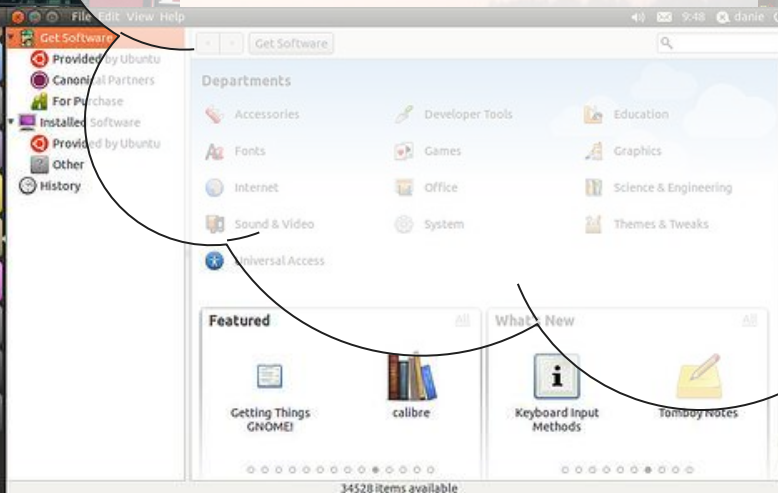
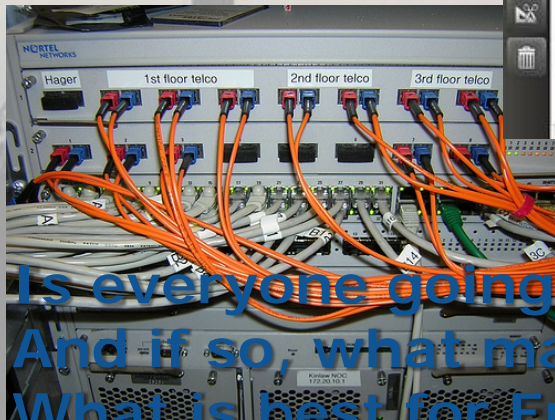
- Desktop environment for Research communities







# What's going on?



Is everyone going towards offering same services...  
And if so, what makes sense to fund publicly?  
What is best for European research?

# Better future...?

## Integration : e-Infrastructure for all.

# COMMONS...

## But then: Who does what?



# Key topics in the e-IRG Roadmap 2012 and White paper 2013

- Commons
- Open Science
- Large scale projects (ESFRI)
- Big Data
- Cloud computing
- Legal Barriers to Commercial Use of e-Infrastructures

Developing these areas are part of EU policy for e-infrastructures

What's happening with them now?

# Commons – a priority

- One pan-European commons – challenging.
  - What should the European approach be?
    - Start with regional commons  
Or
    - Start with thematic commons  
Or
    - Start with technical "commons"
- With aim to further integration over silos
- Are we missing practical steps to implement the European roadmap towards Commons?

## What else is important for the future for e-infrastructures in Europe?

- Working with, involving **industry**
- How to ensure **innovation** – research and industry to work together
- Pan-European e-infrastructures into **global**
- How to get closer to **researchers**?
- How about **citizens**?
- **Support** to less advanced member states required?

Earlier roadmaps and White Papers include these  
Are recommendations implemented?  
These continue to be key topics for EC



**We need to develop the European e-  
infrastructure policy together with  
e-IRG and you all**

*Thank you*