

**e·nventory**

The European  
eInfrastructures  
Observatory

[www.enventory.eu](http://www.enventory.eu)

## Tell your story with the European e·Infrastructures Observatory!

Europe has built a world-class operational communication and computing infrastructure to facilitate scientific research. This e·Infrastructure provides scientists throughout Europe with very high-speed communication networks and powerful computing resources that foster collaboration and enable front-end research through the use of and access to pan-European distributed electronic infrastructures.

All countries acknowledge that leading edge e·Infrastructures play a strategic role in changing the way scientists, researchers, and teachers can work and collaborate. Europe is continuously investing in e·Infrastructures in order to create a new research environment, in which scientists have an easy-to-use controlled access to unique distributed scientific facilities, regardless of their type and location in the world, as well as encourage the emergence of new working and organisational methods, based on the shared use of resources across different disciplines and technology domains.

Yet, designing and implementing e·Infrastructure policies and strategies requires proper knowledge of the status of e·Infrastructures' development in a region/country, including its evolution over time, as well as, its impact due to its use by organisations and individuals.

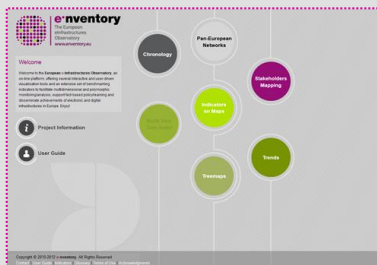
Responding to the e·Infrastructures community's need, the e·nventory project has established the foundations for the formation of the **European e·Infrastructures Observatory**, a single-entry-point, one-stop-shop data warehouse, geographically addressing EU Member States, while being expandable for global coverage, capable of representing e·Infrastructure benchmarks and exhibiting European e·Infrastructures achievements for networking, supercomputing and grids, while being expandable to emerging e·Infrastructures, through intuitive, interactive and user-friendly visualisation interfaces to allow for progress monitoring and impact assessment of e·Infrastructures at regional and national level across the European Union and beyond.

The European e·Infrastructures Observatory has reached a mature functional state that allows for a multifaceted, multidimensional and polymorphic panorama of e·Infrastructures in Europe:

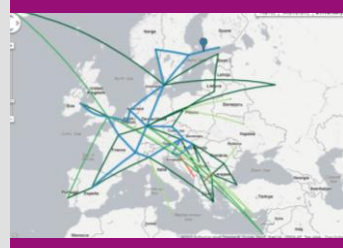
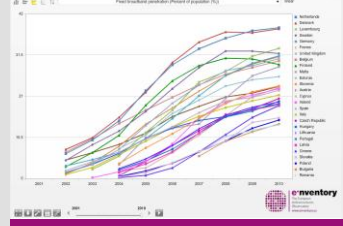
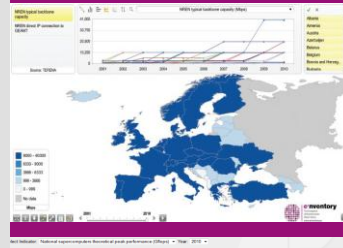
- Features a core set of **45 benchmarking indicators** that are the baseline for **monitoring e·Infrastructures** development progress, usage, impact and investments drawn
- Provides access to more than **10.000** individual figures and other related data and benchmarks
- Offers **7 intuitive, interactive and user-friendly visualisation tools** based on best practices in visualisation and representation techniques
- Consolidates more than **18 months of stakeholders' feedback and consensus** on the structure and functionality of a world-class **e·Infrastructures Observatory**

The **European e·Infrastructures Observatory** services are accessible via a web portal that currently allows for:

- access to an advanced set of monitoring, dissemination and collaboration tools, including regional mappings, graphs (bar charts, line charts, bubble charts, etc.), time series trends, scatter plots, hierarchically-structured representations, custom-build composite indices, eagle-eye overviews of global e·Infrastructures organisations, interconnections of global scientific communities; timelines of e·Infrastructures success stories; etc.
- access to specific e·Infrastructures intelligence (developments and trends) through resources monitoring and infrastructure status quo;



- easier/quicker identification of e·Infrastructures organisations in Europe and beyond, that possess particular competences of interest;
- dissemination of European e·Infrastructures developments and success stories to Europe and to global regions of interest to the EU
- increased visibility of the EU-led, EU-supported and of EU-interest e·Infrastructures internationally.

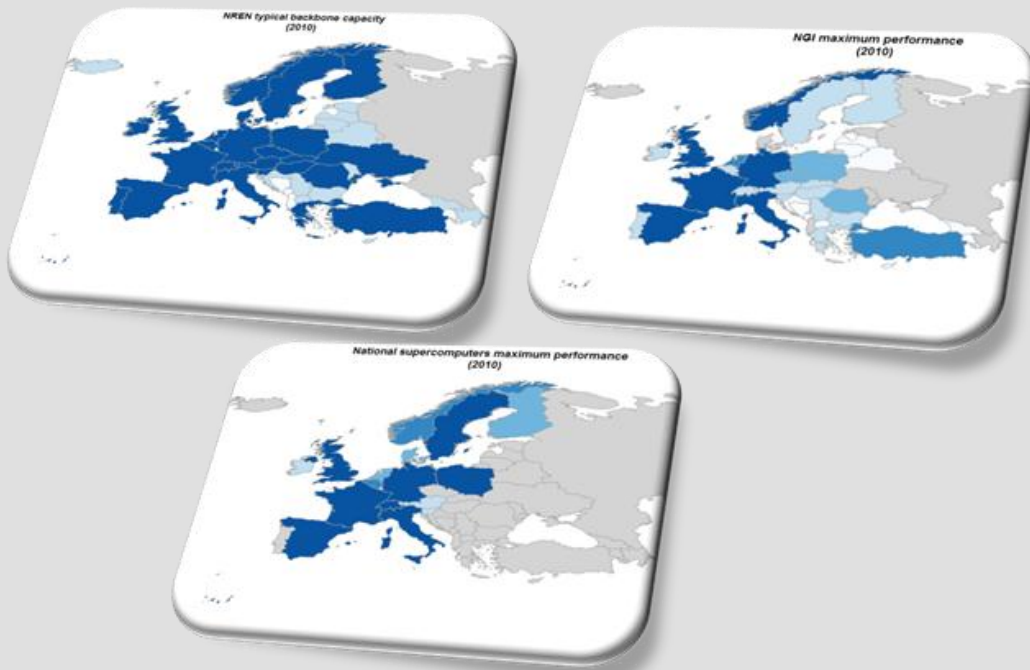


**Web site:**  
[www.e-observatory.eu](http://www.e-observatory.eu)  
[www.enventory.eu](http://www.enventory.eu)

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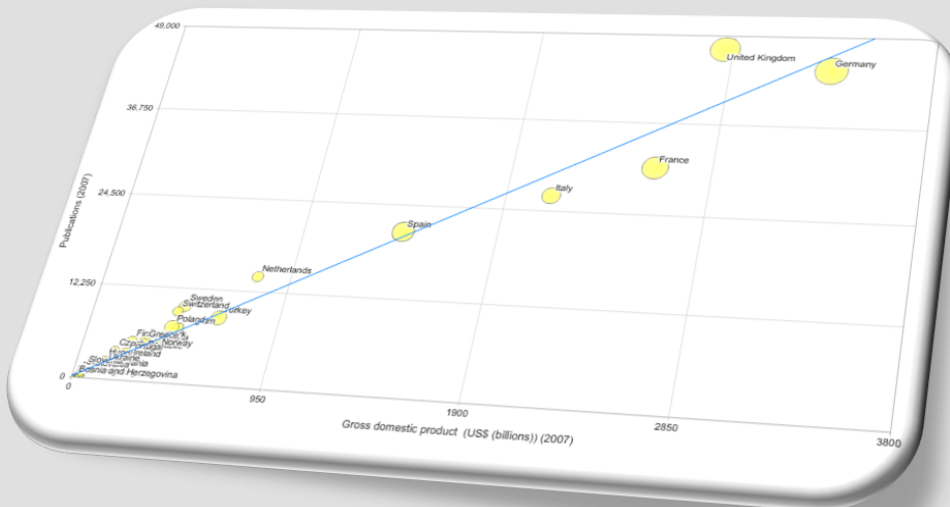
## The European e-Infrastructures Panorama

Progress on Networking, Supercomputing and DCI in Europe



## Economic and scientific wealth: A perfect match

Scientific publications vs. GDP



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