

Association of European Research Libraries
(LIBER), 40th Annual Conference
29 June 2011, Barcelona

Science and Culture
in the
EU`s Digital Agenda

Carl-Christian Buhr
European Commission



The European Commission is...

<http://ec.europa.eu/>

...Policy Maker

e.g. [PSI](#), [INSPIRE](#), [IPR](#)

...Data Collector

e.g. [Eurostat](#), [Tenders Electronic Daily](#)

...Funding Agency

e.g. [Research & Innovation](#)

...Infrastructure Builder

e.g. [OpenAire](#)

...for Open Access, Open Data and
Digital Culture

Involved Commissioners

Digital Agenda



Neelie Kroes

Culture



Androulla Vassiliou

IPR



Michel Barnier

e-Commission,

ISA



Maroš Šefčovič

R&I, ERA



Máire Geoghegan-Quinn

And these need to agree, too

European Parliament



<http://europarl.europa.eu/>

Council of the European Union



<http://consilium.europa.eu/>



<http://bit.ly/NeelieKroesEU>,
[@NeelieKroesEU](https://twitter.com/NeelieKroesEU)

101 Actions

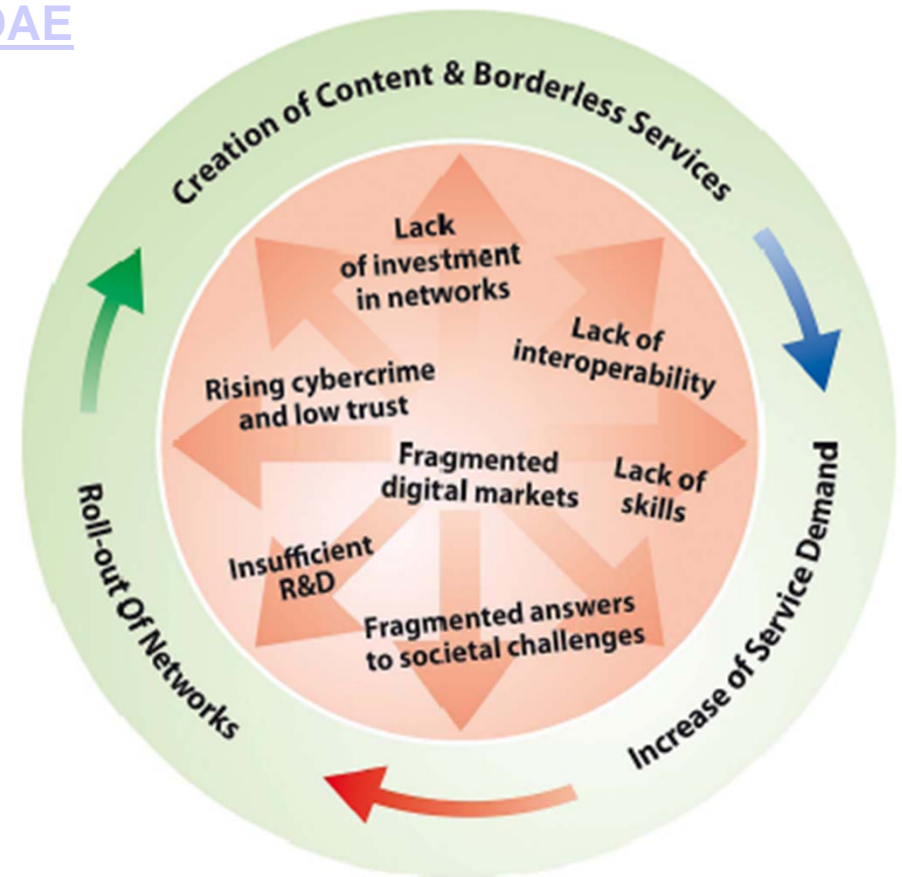
Digital Agenda

1001100101011101110000100 2010-2020

for Europe

<http://ec.europa.eu/digital-agenda>

DAE





<http://bit.ly/NeelieKroesEU>,
[@NeelieKroesEU](https://twitter.com/NeelieKroesEU)

101 Actions

Digital Agenda
1001100101011101110000100 2010-2020
for Europe

<http://ec.europa.eu/digital-agenda>

Advising on...

Research Policy
Open Access
ICT Standardisation
e-Infrastructures
etc.

http://bit.ly/cc_buhr,
[@ccbuhr](https://twitter.com/ccbuhr)

I – Open Access



“ Access to scientific results for free, for all, for ever is a **compelling vision** indeed.”

6 April 2011

“ Scientific information has the power to transform our lives for the better – **it is too valuable to be locked away.**”

6 October 2010

<http://bit.ly/NeelieKroesEU>,
[@NeelieKroesEU](https://twitter.com/NeelieKroesEU)



EUROPEAN COMMISSION

European Research Area

[link](#)

Open Access Pilot in FP7

"If I have seen further it is by standing on the shoulders of giants." Isaac Newton, 1676



Practising...

- Covers 20% FP7 budget
- Best effort mandate
- Embargo (6/12m)
- Costs reimbursable

The screenshot shows the OpenAIRE website interface. At the top, there is a navigation bar with links for Home, News, and Contact us, along with a search bar. The main header features the OpenAIRE logo and the tagline "Open Access Infrastructure for Research in Europe". Below this, there are several navigation tabs: "Open Access & EC Pilot", "How to comply", "Support", "National OA Desks", "Find FP7 publications", and "About the Project". The main content area is divided into several sections: "Deposit Open Access" with a green arrow icon, "Helpdesk on OA" with a question mark icon, "Access EC publications" with a magnifying glass icon, and "Open Access in Europe" with a map icon. There are also sections for "Quick Links", "Researchers' Corner", "Repository Managers' Corner", and "Research Institutions' Corner". A prominent article titled "Seizing the Opportunity for Open Access to European Research - Ghent Declaration" is featured, dated 13 FEBRUARY 2011. The article discusses the Ghent Declaration, an initiative of the reviewers of the OpenAIRE project, submitted to Neelie Kroes, Vice-President of the European Commission for the Digital Agenda, and Maire Geoghegan-Quinn, Commissioner for Research, Innovation and Science, in early January 2011. The declaration invites the EC to take up the current opportunities for increasing the circulation of knowledge beyond the aims of the OpenAIRE initiative. It encourages a move from open access to research and scholarship towards the creation and use of open data, open source software and open educational resources. The declaration was written in the context of OpenAIRE's launch event and first year's review held on December 2-3, 2011, in Ghent, Belgium. The partners of OpenAIRE welcome the declaration and will undertake all efforts to support full deposit of articles according to the Open Access mandate. A "Read more..." link is provided below the article. To the right of the article, there is a "Latest News" section with a sub-heading "Spanish national Thesis mandate" dated 11/02/2011. The news item states: "A Royal Decree-Law has been released in which, according with its article 14.5.: Spanish Universities are asked to archive the Thesis, once approved, in the Institutional Repository. An electronic [...]" and a "Read more..." link is provided. Below the news item, there is a section for "OTHER ARTICLES" with a list of articles: "Open Journal Systems now compliant with OpenAIRE: New plug-in released", "Polish Academy of Sciences will publish their journals in Open Access", and "Report on open access in...". On the right side of the page, there is a vertical orange banner that reads "OpenAIRE Launch" and a button that says "View & Download Speeches Presentations Photos".

OA in the Digital Agenda

“[...] publicly funded research should be widely disseminated through **Open Access publication of scientific data and papers**”

“[...] the Commission will appropriately **extend current Open Access publication requirements** [...]”

OA in the Innovation Union

“ The Commission will promote open access to the results of publicly funded research. It will aim to **make open access to publications the general principle** for projects funded by the EU research Framework Programmes [...]”.



Innovation Union (COM(2010)546, 06.10.2010),

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:52010DC0546:EN:NOT>

Communication & Recommendation on Scientific Information

„ The Communication will take stock of the developments in the area of access to scientific information, and will outline the next steps the Commission will take.”

Commission Work Programme 2011, p. 74

- ↳ Plus: Recommendation to Member States
- ↳ Public Hearing: Luxemburg, 30 May 2011
- ↳ Public online consultation: June 2011
- ↳ Adoption: in 2011

Riding the wave

How Europe can gain from the rising tide of scientific data

Final report of the High Level Expert Group on Scientific Data
A submission to the European Commission

October 2010

http://bit.ly/riding_the_wave

And
scientific
data?

” Our Vision is a scientific e-infrastructure that supports seamless access, use, re-use, and trust of data. In a sense [...] **the data themselves become the infrastructure** – a valuable asset, on which science, technology, the economy and society can advance”.

"My goal is to **raise awareness** of the opportunities represented by scientific data as well as setting out a plan for future developments."

<http://europa.eu/rapid/pressReleasesAction.do?reference=SPEECH/10/518>

"[T]ruly free access to scientific data is not possible without a **coordinated effort** of European and global stakeholders to build and sustain an underlying seamless and trusted infrastructure."

<http://europa.eu/rapid/pressReleasesAction.do?reference=SPEECH/10/716>

**Start slowly, partner, pilot
& build infrastructures**



II - Open Data



<http://bit.ly/NeelieKroesEU>,
[@NeelieKroesEU](https://twitter.com/NeelieKroesEU)

"I believe governments should **embrace open data.**"

5 April 2011

"My ideal of eGovernment puts the citizen at the centre always [...] One example is the **re-use of public sector information.** We know its potential but still our organisations are dragging their feet. **I say yes to open data!**"

8 October 2010

But why? Simple reason



<http://bit.ly/NeelieKroesEU>,
[@NeelieKroesEU](https://twitter.com/NeelieKroesEU)

"We are here to serve citizens, and to make the best use of their money. To achieve that, what could be better than handing them back the data already gathered on their behalf, to use and develop as they see fit."

Open Data Challenge
Awards, 16 June 2011

Also see Neelie's blog post on
open data (13 May 2011).

Open Data Policy

DAE 21: Open up public data resources for re-use

Networking & Awareness Raising

PSI Member State Expert Group

Share-PSI.eu (W3C, ETSI, etc.): A Digital Agenda Big Idea. Workshop on 11 May

LAPSI: Network on Legal Aspects of PSI, Milan event on 5-6 May.

16 June: Open Data Workshop at Digital Agenda Assembly; Open Data Challenge Awards.

link

Review of the PSI Directive

DAE, p. 9: "By 2012, review the Directive on Re-Use of Public Sector Information, notably its scope and principles on charging for access and use." [2003, transposed into national laws]

Art. 1(2) d-f: Excludes **broadcasters**, **cultural**, **educational** and **research** orgs.

Art. 6 on charging: **cost-oriented** with ROI

Review -> Public Consultation ->
New Proposal?

The EC as Data Collector

2006 Decision on re-use of Commission
Information to be adapted in line with PSI
Directive

Covered



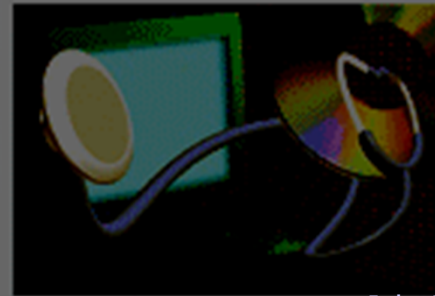
Translation memories
Audio-visual material

Excluded

Material with third-party IPR
Research results of the EC's Joint Research Centre
Special cases (e.g. in Competition investigations)



A Pan-European Open Data Portal



Photos: <http://www.agefotostock.com> link

3 November 2010: Pan-European data portal workshop

CIP WP 2011 (p. 46) & prior tender notice:

„1)[...] to define, to design, to test and to launch a pilot **data.gov.eu infrastructure** [...]

2) provide a **first prototype** of the data.gov.eu infrastructure (main objective of the procurement); and

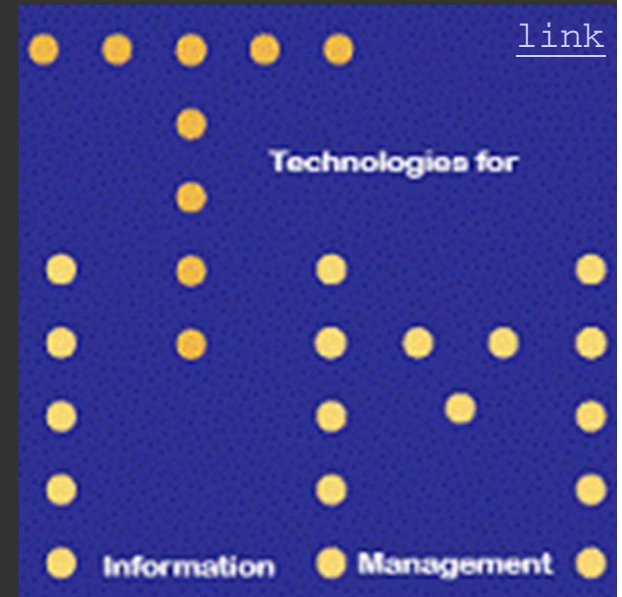
3) define an upscaling strategy in view of it **becoming** the recognised and widely used **European access point** to government information.“

By end of 2012: Portal for access to Commission information

By end of 2013: Pan-European portal (NO central repository!)



Open Data Research



ICT Challenge 4: Digital Libraries and Content

Semantic Web, Linked Data etc.
Next call summer 2011, EUR 50m



Creating Knowledge
from Interlinked Data



III – European Culture online

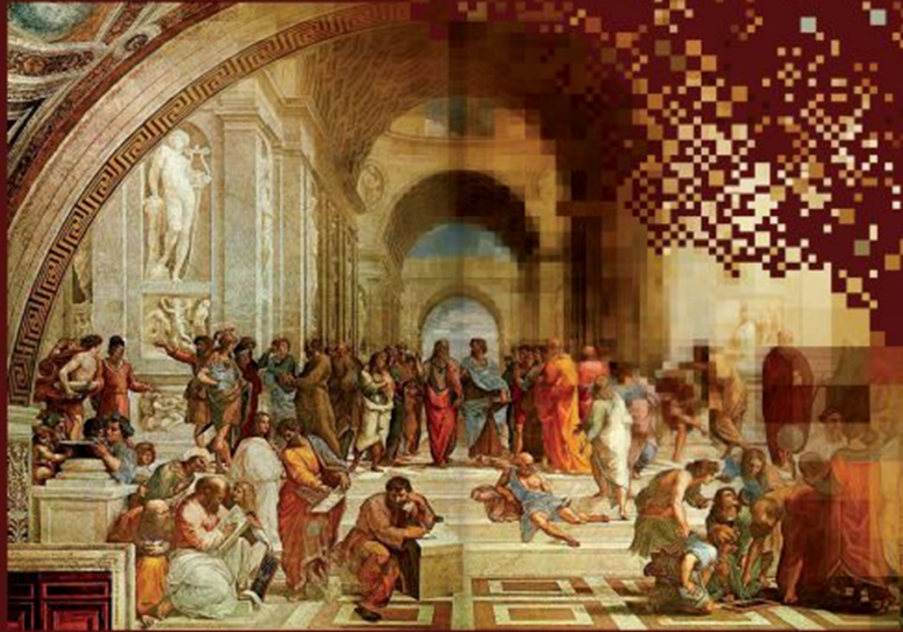


"By 2015, I want Europeana to hold 30 million objects; by 2016, it should include all public domain masterpieces; by 2025, it should have digitised all of Europe's cultural heritage digitised."

29 June 2011

<http://bit.ly/NeelieKroesEU>,
[@NeelieKroesEU](https://twitter.com/NeelieKroesEU)

THE NEW RENAISSANCE



REPORT OF THE 'COMITÉ DES SAGES'

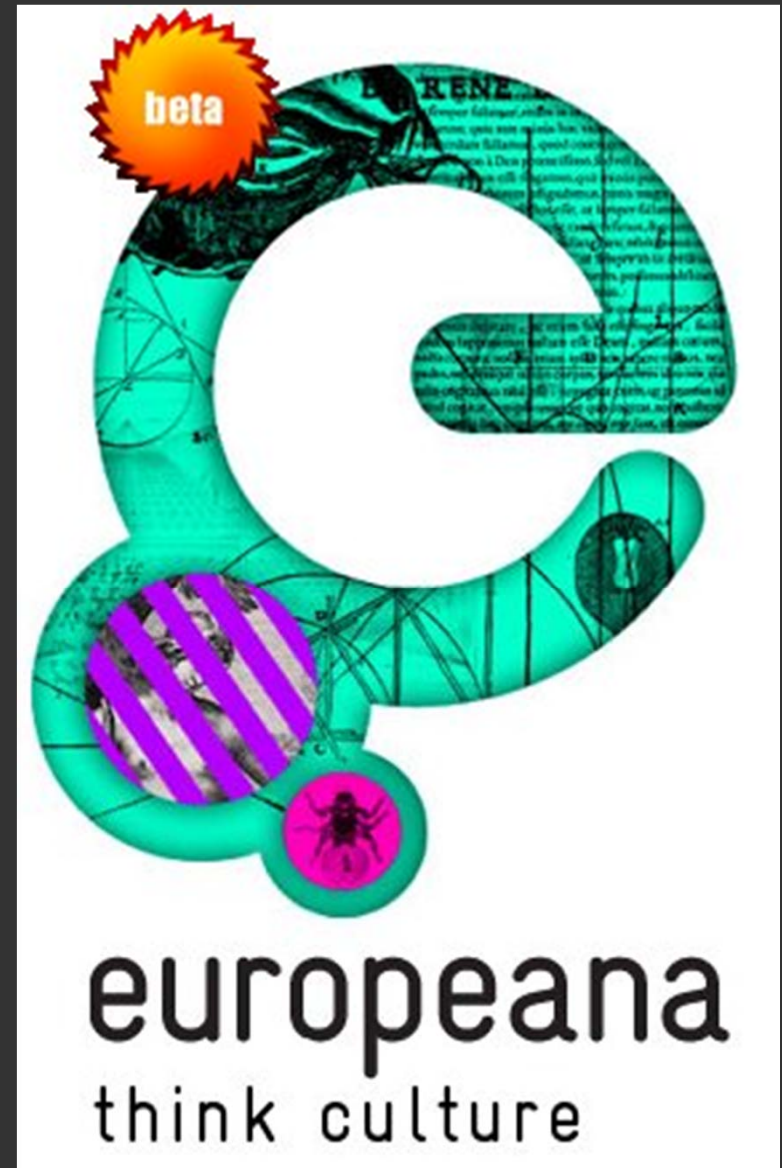
REFLECTION GROUP ON BRINGING EUROPE'S
CULTURAL HERITAGE ONLINE

[link](#)

DAE 2: Propose orphan
works directive [2011]

DAE 79: Sustainable
Europeana [2012]

Europeana



<http://europeana.eu>

<http://europeanalabs.eu/>

<http://www.version1.europeana.eu/web/api/hackathons>

Selected Pointers

The Digital Agenda for Europe (DAE)

<http://ec.europa.eu/digital-agenda>

I - Open Access

<http://slidesha.re/euopenaccess>

II - Open Data

<http://slidesha.re/euopendata2>

http://ec.europa.eu/information_society/policy/psi/index_en.htm

http://ec.europa.eu/information_society/events/cf/daa11/item-display.cfm?id=5963

<http://epp.eurostat.ec.europa.eu/portal/page/portal/statistics/themes>

III - European Culture online

http://ec.europa.eu/culture/pdf/report_Comite_des_Sages.pdf

<http://europeana.eu/>

<http://europa.eu/rapid/pressReleasesAction.do?reference=IP/11/630>

Contacts

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<facebook>http://on.fb.me/Neelie_Kroes</facebook>