



Published on *Digital Single Market* (<https://ec.europa.eu/digital-single-market>)

[Home](#) > Open Science

Digital Single Market

Open Science

☐ Menu

Open Science aims at transforming science through ICT tools, networks and media, to make research more open, global, collaborative, creative and closer to society.



[1]

Open science is about the way research is carried out, disseminated, deployed and transformed by digital tools, networks and media. It relies on the combined effects of technological development and cultural change towards collaboration and openness in research.

Open science makes scientific processes more efficient, transparent and effective by offering new tools for scientific collaboration, experiments and analysis and by making scientific knowledge more easily accessible.

Read more about Open Science in the [concept paper](#) [2].

A European strategy for Open Science

The European Commission has launched the "[European Cloud Initiative](#) [3] - Building a competitive

data and knowledge economy in Europe" to endorse Open science. It will enable researchers to process the huge amounts of scientific data generated by research and to share their scientific results while improving access to knowledge and thus, innovation.

More information is available on the [European Open Science Cloud](#) [4] webpage.

Other relevant related initiatives, considering the ICT-triggered changes in the individuals and society include:

- [Digital Futures](#) [5]
- [Onlife Initiative](#) [6]
- [Collective Awareness Platforms](#) [7]

Join the [Digital4science platform](#) [8] to engage and network with researchers.

Published:

8 July 2014

Last update:

9 May 2017

Team responsible

[DG CONNECT](#) [9]

Share this page

Source URL: <https://ec.europa.eu/digital-single-market/en/open-science>

Links

[1] https://ec.europa.eu/digital-single-market/sites/digital-agenda/files/DS_6_0.png

[2] http://ec.europa.eu/information_society/newsroom/cf/dae/document.cfm?doc_id=2124

[3] <https://ec.europa.eu/digital-single-market/en/european-cloud-initiative>

[4] <https://ec.europa.eu/digital-single-market/en/european-open-science-cloud>

[5] <http://ec.europa.eu/digital-single-market/en/digital-futures>

[6] <http://ec.europa.eu/digital-single-market/en/onlife-initiative>

[7] <http://ec.europa.eu/digital-single-market/en/collective-awareness-platforms>

[8] <https://ec.europa.eu/futurium/en/digital4science/tags/e-infrastructures>

[9] https://ec.europa.eu/info/departments/communications-networks-content-and-technology_en