



EOSC and SSHOC - the Belgian Link

“Knowledge is power. Shared knowledge is empowering”

([Tweet by @thoriscoolth](#), original credit by [@Psbasran](#)).

Johan Van der Eycken and Sally Chambers

Open Science in Belgium: EOSC Initiatives (Brussels, 21 November 2019)

Project:



SSHOC

social sciences & humanities open cloud



Horizon 2020
European Union Funding
for Research & Innovation

Type of action & funding:
Research and Innovation action
(INFRAEOSC-04-2018)

Partners: 44

(19 beneficiaries + 25 LTPs)

SSH ESFRI Landmarks and Projects
& international SSH data infrastructures

Project budget:

€ 14,455,594.08

Duration: 40 months
(January 2019 – 30 April 2022)

Project website:
www.SSHopencloud.eu



Objectives:

- creating the social sciences and humanities (**SSH**) part of European Open Science Cloud (**EOSC**)
- maximising **re-use** through **Open Science** and **FAIR** principles (*standards, common catalogue, access control, semantic techniques, training*)
- interconnecting existing and new infrastructures (*clustered cloud infrastructure*)
- establishing appropriate **governance model** for SSH-EOSC

Expected impact of SSHOC



The Social Sciences and Humanities are seamlessly integrated in the European Open Science Cloud



Availability of an EU-wide, easy-to-use SSH Open Marketplace, where tools and data are openly accessible



EU-wide availability of high quality "cloud ready" SSH tools and high quality SSH data



EU-wide availability of trusted and secure access mechanisms for SSH data, conforming to EU legal requirements



State of the art Research Infrastructure in several pilot domains advanced through dedicated SSH data pilots cluster projects



Maximising reuse through Open Science and FAIR principles (standards, common catalogue, access control, semantic techniques, training)

ESFRI
Landmarks + projects



- **DARIAH-EU (Digital Research Infrastructure for the Arts and Humanities)** has several initiatives to support and stimulate Open Science
 - Open Science is part of the DARIAH Strategic Plan 2019-2026: https://www.dariah.eu/wp-content/uploads/2019/08/Strategic-Plan_2019-2026.pdf
 - DARIAH's Open Science pages: <https://www.dariah.eu/activities/open-science/>
 - Parthenos Training Suite, e.g. Manage, Improve and Open up your Research Data: <http://training.parthenos-project.eu/sample-page/manage-improve-and-open-up-your-research-and-data/>
 - Data Deposit Recommendation Service (DDRS): <https://ddrs-dev.dariah.eu/ddrs/>

See also: Barbot Laure. (2019, October). Discovering tools and services: the SSH Open Marketplace. Zenodo. <http://doi.org/10.5281/zenodo.3540739>)



- **CLARIAH-VL: Open Humanities Service Infrastructure** (funded by FWO, lead by UGent), (<https://www.ghentcdh.ugent.be/content/opening-humanities-infrastructural-opportunity>)
 - To help prepare arts and humanities researchers in Flanders and Belgium for participation in initiatives such as the European Open Science Cloud (EOSC)
 - WP focussing on access and use of the services of the Flemish Supercomputer Centre (VSC) by arts, humanities and social science researchers
- **DARIAH-FED**
 -  BISHOPS - Belgian Infrastructure for Social Sciences and Humanities Open Science project (funded by BELSPO, lead by the State Archives)
 - Infrastructure supporting collect, description, preservation and reuse of digital research data
 - In the first instance for social sciences and humanities data of the involved Federal Scientific Institutions



CESSDA (Consortium of European Social Science Data Archives)

- **SODA-project** (funded by BELSPO, lead by the State Archives)
 - Infrastructure is operational in 2020
 - Applied for the *CoreTrustSeal* to achieve compliance with CESSDA requirements (supported by CESSDA Trust Working Group)
 - Contains amongst others datasets of:
 - Belgian Archives for the Social Sciences (BASS)
 - National Institute of Criminalistics and Criminology
 - Integration with BISHOPS is foreseen

<https://sodabelgianproject.wixsite.com/sodaproject>

<http://arch.arch.be/index.php?l=en&m=our-projects&pr=the-soda-project-a-data-archive-for-social-sciences>

<https://www.cessda.eu/News-Events/News/CESSDA/SODA-A-roadmap-towards-a-Belgian-data-archive-in-2020>



E-RIHS (European Research Infrastructure for Heritage Science)

- **HESCIDA (Heritage Science Data Archive) Project (2019-2022)**
(Funded by Belspo, lead by KIK-IRPA)
 - To collect and share the multitude of heterogeneous information
 - To integrate the existing systems (e.g. BALAT, Belgian Art Links and Tools)
 - To deliver integrated access to expertise, data and technologies through a standardised approach

Royal Institute for Cultural Heritage: <http://www.kikirpa.be/EN/>



Thank you!

To get in touch:

johan.vandereycken@arch.be

<http://www.arch.be/index.php?l=en&m=about-the-institution&r=whoiswho&w=van-der-eycken-johan>

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