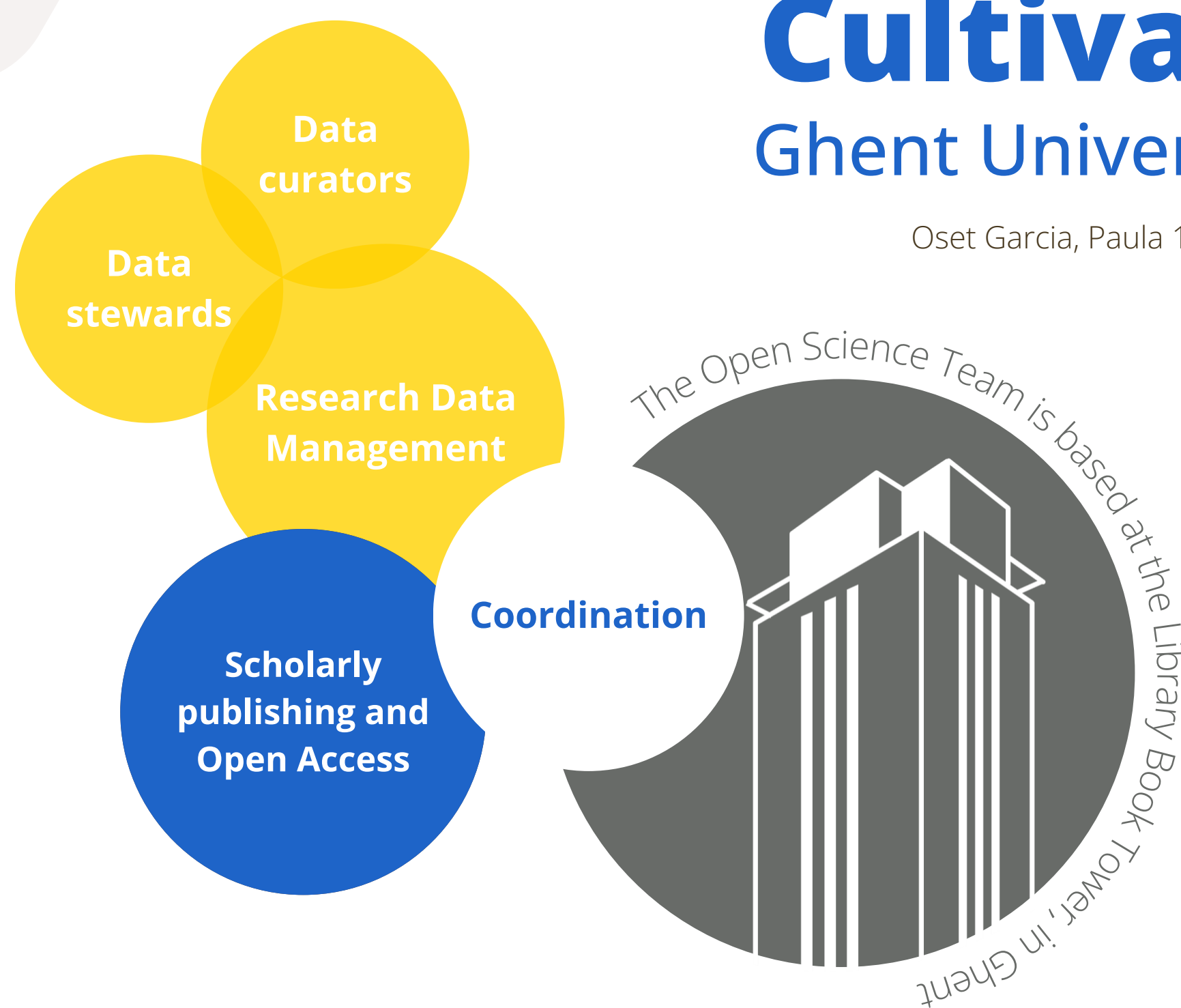


Cultivating collective success: Ghent University Library in the Open Science ecosystem

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The **Open Science team** at Ghent University Library consists of specialists in open access and scholarly publishing, data stewardship and curation, and one team coordinator.

This poster showcases the extensive **web of initiatives and collaborations** involving Ghent University Library's Open Science team, and describes the collaborative ecosystem driving the advancement of open science within the institution and beyond.

Policy advocacy

- Ghent University has progressively adopted policies to stimulate openness and transparency in research. E.g. Policy on Scholarly Publishing, RDM Policy framework, DMP requirement for PhDs, BOF and IOF.
- Open Science team's role: policy formulation, communication and guidance.

Infrastructure development

- Develop and/or give access to open science enabling infrastructure. E.g. Openjournals publishing platform, Biblio repository, RSpace ELN, OSF Institutions, DMPonline.be.
- Open Science team's role: collaborate with central and Central IT and Library Innovation team (e.g. on user requirements), user support for tools.

Incentivizing open science

- Adoption of a responsible research assessment approach (RRA), signatory of DORA and CoARA, pioneering of non-competitive research funding scheme.
- Open Science team's role: awareness raising and advocacy for RRA and recognition of OS practices.

Capacity building and training

- Equipping researchers with the skills to engage in and implement sound data management and open publishing practices and incorporate open science principles in their workflows
- Open Science team's role: university-wide and faculty-specific training on RDM, open access and open science; curation of (meta)data submitted to data repositories and catalogues (inc. Biblio data register), management of Ghent University research data community in Zenodo.

Open science: a collaborative ecosystem

The **collective success** of Open Science relies on mutual relationships within a wide ecosystem of internal and external stakeholders.

Institutional level

Research coordination office, Doctoral Schools, IT, the Data Protection Officer, TechTransfer, Faculties, researchers and other Library teams

Flemish and Belgian level

FRDN working and project groups, FRDN Knowledge Hub, FOSB, VLIR, Open Access Belgium, etc.

International level

OpenAIRE, COAR, EOSC association, EOSC-Pillar, EOSC Future, etc.



Make it required



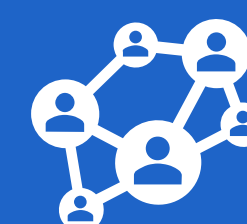
Make it possible



Make it rewarding



Make it easy



Make it normative

**Advancing
Open Science
within Ghent University
and beyond**

Transforming research culture to embrace open science requires a **holistic approach** involving multiple stakeholders and with measures at multiple levels (Nosek, 2019).

Interventions across these layers are already in progress at Ghent University with the Library's Open Science team playing a crucial role.

Adapted from Nosek, Brian (2019),
Strategy for Culture Change,
Center for Open Science website
Icons by Flaticon and Microsoft

Community building

- Development of an active and inclusive bottom-up community of open science to drive change from within.
- Open Science team's role: promoting and facilitating community development, connecting researchers, organisational support, community (co)management.

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