

ADOPTING THE GLOBAL OPEN RESEARCH COMMONS TYPOLOGY AND DEFINITIONS

The EOSC Data Commons Project adopted the Global Open Research Commons (GORC) Typology and Definitions, which describe the essential elements in a Commons and provide a set of definitions for each of the typology elements.



THE RDA OUTPUTS ADOPTED

The [Global Open Research Commons IG](#) aims to reach a shared understanding of what a “Commons” is in the research data space; what functionality, coverage and characteristics does such an initiative require and how this can be coordinated at a global level. The [Global Open Research Commons \(GORC\) Typology and Definitions](#) Output describes a typology of the essential elements in a Commons and provides a set of definitions for each of the typology elements.

THE IMPACT OF THE ADOPTION

EOSC Data Commons will apply the GORC model to help establish EOSC as the European Research Commons, enabling easier collaboration, higher productivity, and research excellence. Its technical solutions build on the resources and capabilities of Research Infrastructures, e-Infrastructures, and other EOSC stakeholders at national, regional, and European levels, improving technology readiness and integrability. We foresee an immediate, easier, and more collaborative integration with other infrastructures through improved interoperability and a shared understanding. In the long term, we expect the model to bring greater clarity to service delivery objectives.

THE ADOPTION PROCESS

Although in its early stages, the project plans to engage with the RDA Global Open Research Commons Interest Group to align its solutions with those emerging from international Research Commons initiatives. EOSC Data Commons focuses on the underpinning elements of the Research Commons - Compute and Storage, Research Objects, Services and Tools - and plans to achieve as much interoperability as possible with its services by defining a realistic set of GORC KPIs to adopt and implement throughout the project lifecycle. The GORC



Interest Group will provide a neutral space to discuss the implementation process underway in EOSC Data Commons, and for the project consortium to bring its expertise and use cases.

BENEFITS AND IMPACT OF ADOPTION

The immediate benefit we foresee is an easier, more collaborative integration with other infrastructures based on the GORC model, thanks to improved interoperability enabled by a common understanding. In the long term, EOSC Data Commons expects greater clarity in service delivery objectives as a result of the adoption of the model.

LESSONS LEARNED

(We have no lessons learned so far! But if possible, we'd like to update this adoption story after the project reaches its halfway point to see how far we've gone.)

ABOUT THE PROJECT

[EOSC Data Commons](#) aims to enhance and speed up data lifecycle management by providing innovative services to support the discovery, analysis, deposition, preservation, sharing, use, and reuse of research data within a European data and computing continuum. This initiative builds upon the capabilities of the EOSC EU Node and national and European infrastructures dedicated to data-intensive research. It also involves a community of federated repositories stemming from national, institutional, and thematic initiatives.



This Adoption Story was created with support from the RDA TIGER project

