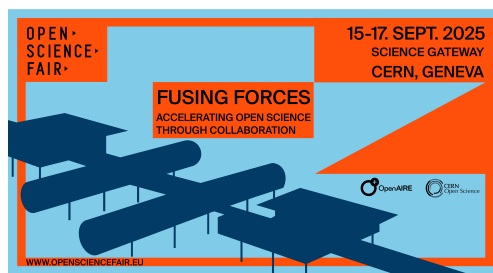


## Open Science Fair 2025



Contribution ID: 30 Contribution code: W-INF-PRE-30

Type: Individual presentation

# From Competition to Collaboration: A National Model for Sustainable and Interoperable Research Data Repositories

*Wednesday 17 September 2025 11:15 (30 minutes)*

This presentation explores a collaborative national network of research data repositories in Poland, where institutional, disciplinary, and generalist infrastructures coexist rather than compete. The model offers a practical example of how interoperability and central coordination can support researchers and institutions in selecting the most appropriate repository type—without duplicating efforts or fragmenting services.

Drawing on a growing ecosystem currently comprising four main repositories (including a generalist platform hosting over 50 institutional dataverses), the presentation demonstrates how this architecture helps address key challenges in the research data landscape:

- ensuring long-term sustainability (technical, operational, and financial),
- alleviating staffing shortages,
- and motivating researchers to share their data.

The model relies on shared infrastructure, harmonized metadata exchange, and cross-repository visibility, enabling researchers to deposit data in the repository best suited to their needs—while benefiting from aggregated institutional presence and increased discoverability.

By presenting this approach, we aim to share insights into a scalable, community-driven strategy that reduces overheads, strengthens national coordination, and enhances the openness of research data practices. By highlighting a collaborative infrastructure model, this presentation contributes to the broader conversation on how we can reimagine openness through shared responsibility, inclusive governance, and sustainable practices.

## Tagline

Strengthening open research infrastructure: a collaborative national network where institutional, disciplinary, and generalist data repositories are interconnected, enabling sustainable, inclusive, and community-centered data practices.

## Keywords

research data repository, collaboration, national infrastructure

**Authors:** CYBULSKA-PHELAN, Agnieszka (University of Warsaw); SZPROT, Jakub (University of Warsaw)

**Session Classification:** Building the Digital Backbone: Open Science Infrastructures

**Track Classification:** Building the Digital Backbone: Open Science Infrastructures