

# **RSpace Integrations with Argos and Zenodo**

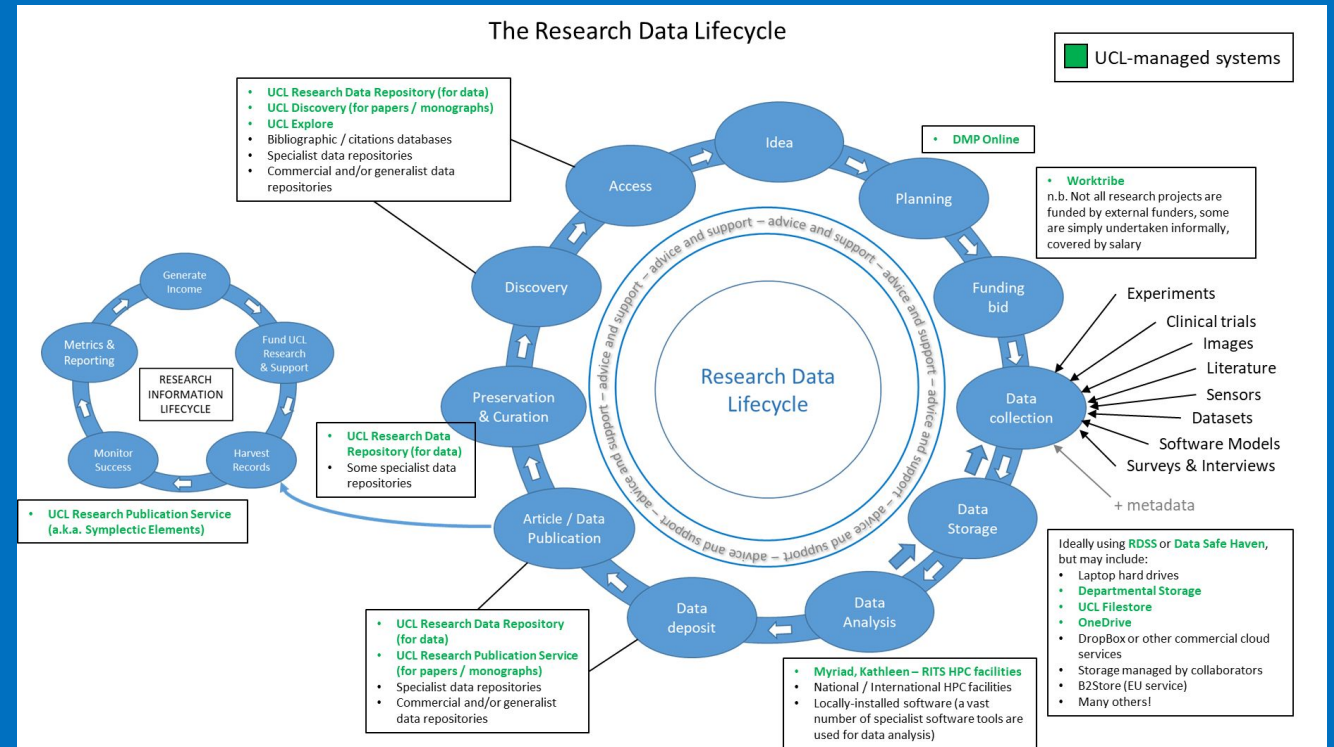
**Rory Macneil  
Research Space**

**EOSC Symposium – September 2023 – Madrid**

# Today

- **RSpace**
  - **The problem being addressed**
  - **How RSpace provides a solution**
- **EOSC DIH project – integrations with Argos and Zenodo**
- **How the integrations enhance the RSpace solution**

# Context: Research Data Lifecycle



# Problem

Lack of data-centric research tools

Lack of interoperability  
between research tools



Siloed data



Impeding FAIR

Creating friction for researchers

# Towards a solution: Research Commons

**“Bring together data with cloud computing infrastructure and commonly used software, services and applications for managing, analyzing and sharing data to create an interoperable resource for a research community”**

**Scott Yockel, University Research Computing  
Officer, Harvard University**

**[Towards a Data Commons at Harvard](#)**

# Core components of generalist Research Commons EUDAT's CDI

□ Repositories

□ Data  
management  
planning tool

□ Storage

□ PID provision

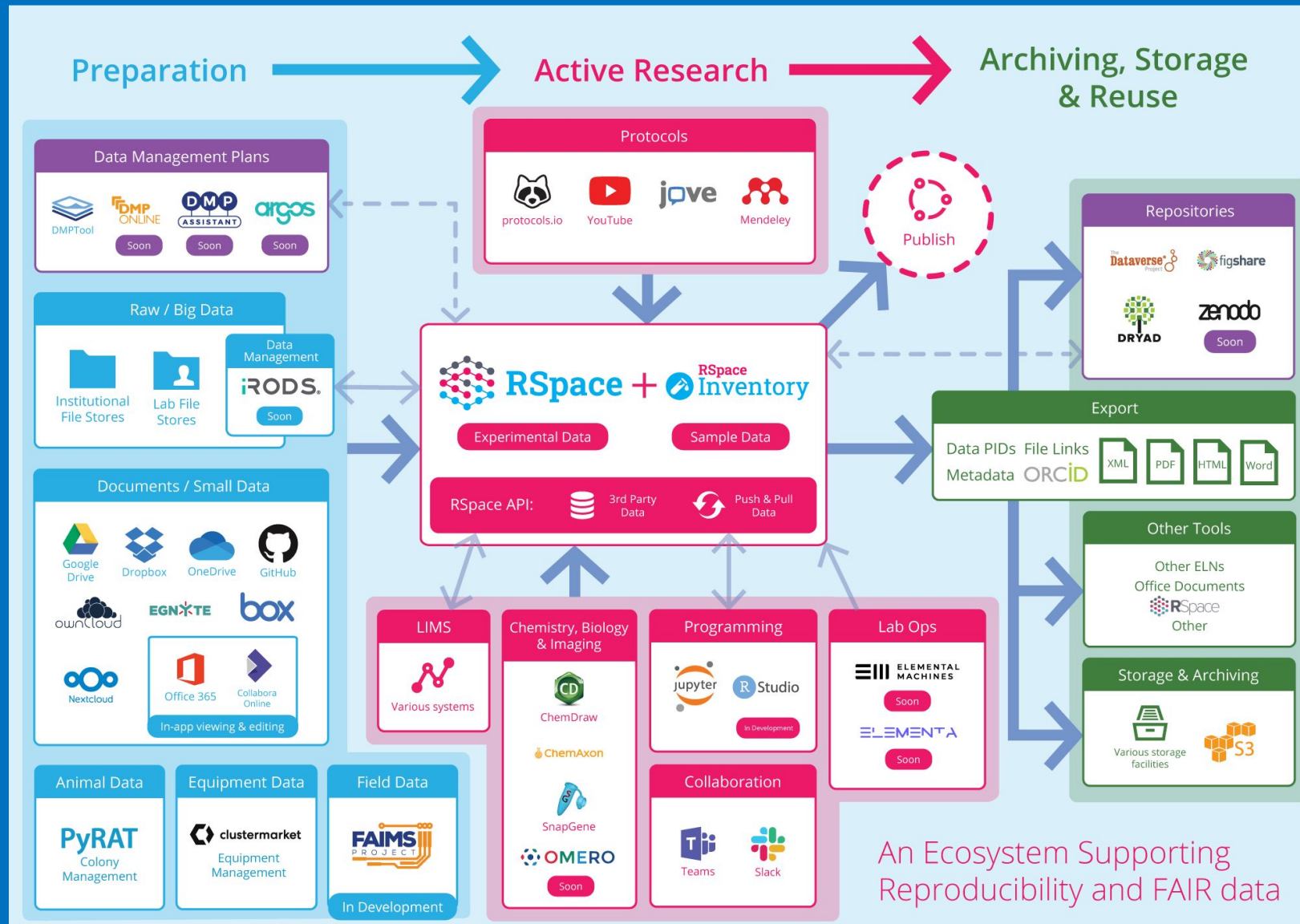
□ Discovery



# **Current limitation of Research Commons**

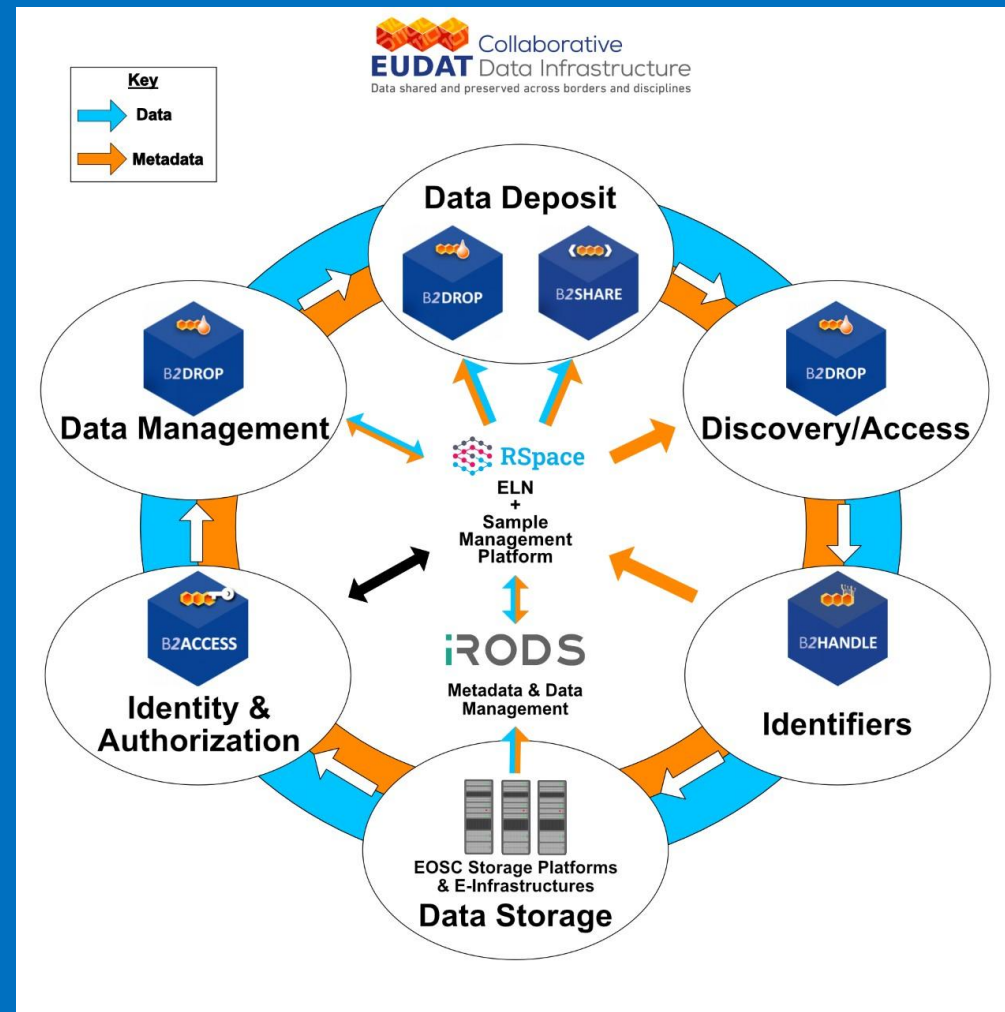
**Tools and services are not  
interoperable, leading to  
siloing of data and  
hindering FAIR workflows**

# RSpace: Data-centric digital research platform designed to interoperate with and connect research infrastructure





# RSpace interoperability enables passage of data and metadata between elements of the Research Commons



# EOSC DIH Business Pilot I Integration with Argos


The screenshot displays the RSpace Enterprise web interface. At the top left is the RSpace logo with the text "RSpace ENTERPRISE". To the right of the logo are navigation tabs: "Workspace", "Gallery" (which is active), "Messaging", "Apps", "Inventory", and "My P...". Below the navigation is a blue header bar containing two buttons: "CHOOSE GALLERY" and "IMPORT". To the right of the "IMPORT" button is a dropdown menu with the text "By name d...". Below the header bar are two dropdown menus: "Order by" and "Select All". Below these is a "New Folder" button. A context menu is open over the "IMPORT" button, showing two options: "File" and "DMP from Argos". Below the header bar is a "DMP Gallery" tab. On the left side of the main content area is a vertical toolbar with icons for various actions: a folder, a document, a download, a refresh, a search, a delete, a copy, a paste, a print, a list, and a "DMP" icon.

# EOSC DIH Business Pilot I Integration with Argos

**Data Management Plans (DMPs) from Argos**

**Search filters:**

Label ▾ Grant ▾ Funder ▾ Collaborators ▾ **REFRESH**


Select	Label	ID 
<input type="radio"/>	Dmp For Project : 00332/EI	78f64f2d-8686-4
<input type="radio"/>	DMP For Grant : 0/ANDRE	8e14d19c-8ddc-
<input type="radio"/>	NEANIAS Official DMP #2	bba6a0bd-fd04-4
<input type="radio"/>	DMP For Grant : Grant test 2	96808771-3313-
<input type="radio"/>	DMP For Project : 00332/ANDRE	80071425-cf14-4
<input type="radio"/>	Data Management Plan For TestWorkFlow	539b9bda-c671-

# EOSC DIH Business Pilot I Integration with Argos

**Data Management Plans (DMPs) from Argos**

Search filters:

Label ▾ Grant ▾ Funder ▾ Collaborators ▾ **REFRESH**

Select	Label	ID 
<input type="radio"/>	Dmp For Project : 00332/EI	78f64f2d-8686-4dad-8d97-cb7763dbba27
<input type="radio"/>	DMP For Grant : 0/ANDRE	8e14d19c-8ddc-4110-9a75-bf7e21269121
<input type="radio"/>	NEANIAS Official DMP #2	bba6a0bd-fd04-4302-8053-d8ca5e8f5518
<input type="radio"/>	DMP For Grant : Grant test 2	96808771-3313-447e-bfea-1b852d223732
<input type="radio"/>	DMP For Project : 00332/ANDRE	80071425-cf14-427e-a72c-f412b7f4b8ef
<input type="radio"/>	Data Management Plan For TestWorkFlow	539b9bda-c671-4429-9add-352afeb4a900
<input checked="" type="radio"/>	Dmp For Project : Chemical Testing	19a2085a-964f-4a54-9715-0866c72b0b0b
<input type="radio"/>	Dmp For Project : asdasdf	6fca0f18-69c5-435e-8aca-726107e83bb0

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CANCEL **IMPORT**

# EOSC DIH Business Pilot I Integration with Argos


The screenshot displays the Argos DMP Gallery interface. At the top, there is a blue header bar containing two buttons: "CHOOSE GALLERY" and "IMPORT". Below this bar, there are two dropdown menus: "Order by" and "Select All". A "New Folder" button is also present. The main content area is titled "DMP Gallery" and features a central icon of a document with a red question mark. Below this icon, there is a checkbox and an information icon (i), followed by the text "Dmp For Project : Chemical Testi...". On the left side, there is a vertical toolbar with various icons, including a red box highlighting the "DMP" icon at the bottom.

# EOSC DIH Business Pilot I

## Integration with Argos

### Info

Name: Dmp For Project : Chemical Testing.json

Unique Id: [GL4680](#) 

Type: DMPs

Path: /Gallery/DMPs/Dmp For Project : Chemical Testing.json

File size: 171 B

Owner: user user

Creation Date: 2023-03-21 11:21

Last Modified: 2023-03-21 11:21

Caption:

[Download](#)

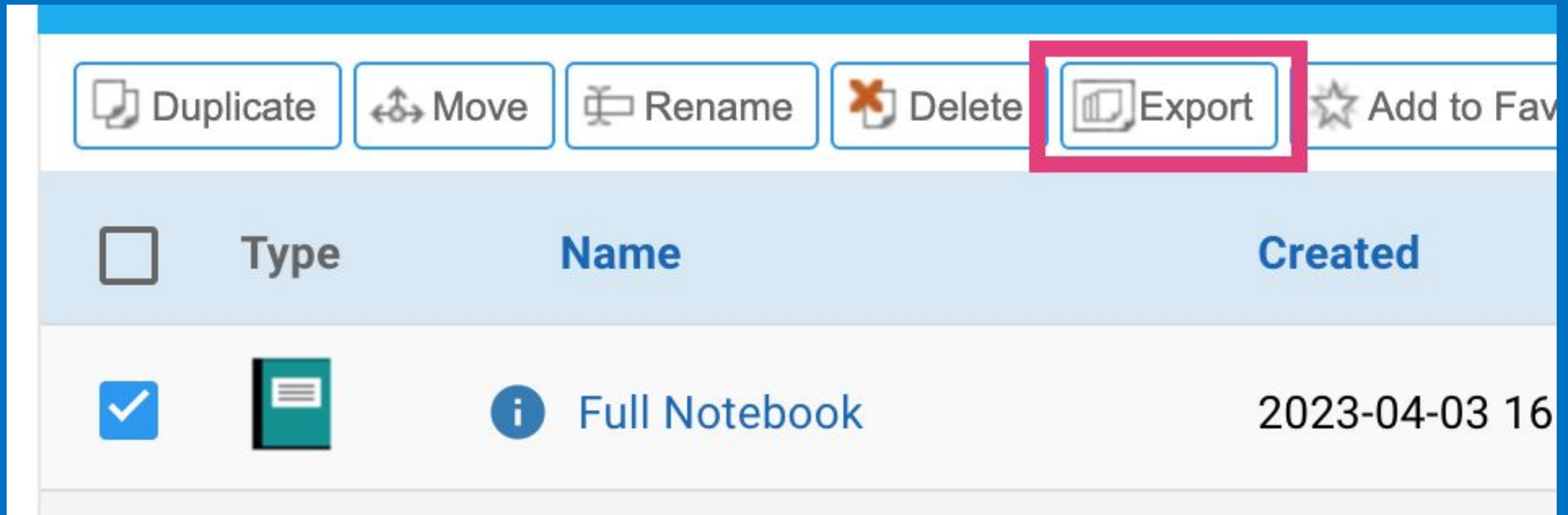
[Show linked docs](#)

This file is referenced by:



ID	Name
<a href="#">SD25</a>	Experiment 1

[OK](#)

# EOSC DIH Business Pilot II Integration with Zenodo



The screenshot displays a file management toolbar with the following buttons: Duplicate, Move, Rename, Delete, Export, and Add to Favorites. The 'Export' button is highlighted with a red rectangular border. Below the toolbar is a table with the following columns: a checkbox, Type, Name, and Created. The table contains one row for a file named 'Full Notebook'.

<input type="checkbox"/>	Type	Name	Created
<input checked="" type="checkbox"/>		 Full Notebook	2023-04-03 16

# EOSC DIH Business Pilot Integration with Zenodo

## Export

Choose an appropriate format for your export

- .ZIP bundle containing .HTML files** - Exported data, notebooks and attached files can be accessed offline with a browser
- .ZIP bundle containing .XML files** - Exported data is machine readable. Good for archiving, or transferring data from one RSpace server or user to another
- PDF file** - A read-only version of your RSpace documents will be placed in the 'Exports' area of the Gallery
- Word export is only available for a single document or notebook entry, and you've selected a Notebook.

Choose additional destinations

Export to a repository

BACK ● ● ● NEXT



# EOSC DIH Business Pilot Integration with Zenodo

## Setup Repository ✕

Please choose one of your configured repositories to submit your export to:

Zenodo

Title \*

Description \*

BACK ● ● ● EXPORT

# EOSC DIH Business Pilot Integration with Zenodo

## Setup Repository

Please choose one of your configured repositories to submit your export to:

Zenodo

Associate export with Document Management Plans (DMPs)

Select	DMP Title	ID
<input type="checkbox"/>	DMP For Grant : 0/ANDRE	8e14d19c-8ddc-4110-9a75-bf7e21269121
<input type="checkbox"/>	saved one distribution	e6c97551-f074-4b88-9779-5bdc4c13c694

Title \*

Description \*

BACK EXPORT

# Argos and Zenodo integrations

- **Expanding the scope of interoperability**
- **Enriching the RSpace ecosystem**
- **Enhancing RSpace's value as a core element of Research Commons**

# Impact of EOSC DIH project

- Consolidate the idea
- Facilitate relationships with Argos and Zenodo
- Provide encouragement
- Publicize project on completion
- Provide broader support for Research Space

**THANK YOU!**