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# INVENIO RDM

TURN-KEY RESEARCH DATA  
MANAGEMENT PLATFORM

**BUILT FOR SCALABLE, INTEROPERABLE  
RESEARCH INFRASTRUCTURE**



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# WHAT IS INVENIO RDM



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MAKE THE MOST OF YOUR DATA

InvenioRDM is an open source research data management platform developed by **CERN** and built on the Invenio Framework.

Designed for repositories of all sizes, it supports publication, discovery, preservation, and reuse of research outputs and datasets.



## Highly scalable

Supports repositories from thousands to millions of records.



## Interoperable

Built around APIs, standards, and persistent identifiers.



## Customisable

Flexible metadata, branding, vocabularies, and workflows.



## Secure

Authentication, permissions, and controlled access.

## WHY INVENIO RDM

- **CERN-backed platform**  
Built on trusted research infrastructure developed at CERN.
- **Open source and extensible**  
Flexible, customisable, and designed to adapt to institutional needs.
- **API-first architecture**  
Supports integrations with research systems and external services.
- **Built for FAIR research data**  
Supports discoverable, interoperable, and reusable research outputs.
- **Used by repositories worldwide**  
Trusted globally by universities and research organisations.

# HOW IT WORKS



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InvenioRDM is built as a modular platform with a **modern, API-first architecture**.

The diagram below highlights the core services and infrastructure that power the platform.



# INVENIO RDM AT COTTAGE LABS



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MAKE THE MOST OF YOUR DATA

We help organisations design, implement, and extend InvenioRDM platforms to meet their unique research needs.



## Implementation & customisation

Supporting workflows, metadata models, integrations, and repository design.



## Infrastructure & deployment

Manage diverse data types and rich metadata with confidence.



## Invenio Notify

Join an active community driving continuous improvement.



## Module development

Built to handle growing data and complex demands.

## WHAT WE OFFER



Project scoping



SSO integration



Repository implementation



Infrastructure advice



Metadata modelling



Deployment support



Workflow configuration



Ongoing development

# IN PRACTICE

## EUI



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We worked with EUI to develop a research repository to support COVID-19 data, improving how metadata is collected, managed, and shared using InvenioRDM.

## THE CHALLENGE

EUI needed a robust, future-proof repository to support COVID-19 research, built on new software and tailored to their specific requirements.

The challenge was to ensure high quality metadata, long term preservation, and a system that could evolve alongside their research needs.

## THE IMPACT

## WHAT WE DID

- Developed a custom InvenioRDM repository tailored to EUI's needs
- Implemented structured metadata and streamlined data pipelines
- Enhanced data quality, consistency, and discoverability
- Optimised system performance, scalability & reliability
- Provided ongoing support and regular upgrades

- **Built on InvenioRDM for flexible, sustainable research infrastructure**
- **Improved metadata quality and data consistency**
- **Faster, more efficient data processing and discovery**
- **Scalable platform designed for long term research needs**
- **Ongoing support and upgrades for continued reliability**

# GET IN TOUCH

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MAKE THE MOST OF YOUR DATA

Whether you're building a new repository or improving an existing platform, Cottage Labs can help design, develop, and support an InvenioRDM solution **tailored to your needs.**



## CONTACT



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