Collaborative
EUDAT Data Infrastructure
Data shared and preserved across borders and disciplines

EUDAT Conference 2026

B2SHARE v4

A FAIR Publication Platform for Research Communities

Publication workflows, community governance and service administration

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After eight years of B2SHARE v2

The publication service continues, with redesigned workflows and management tools
B2SHARE v3 released to public on 29.10.2025 after eight years of B2SHARE v2. v4 released on 30.09.2026

Established foundations on v2

Publication
Files, metadata and persistent identifiers

Communities
Dedicated spaces and metadata extensions

Access & discovery
Access controls, APIs and harvesting

B2SHARE v3 & v4

Researchers
Redesigned deposit and preview experience

Communities
Roles, policies and submission review

Operators
Administration and record management

Created a sustainable future for B2SHARE on top of InvenioRDM

A clearer publication experience

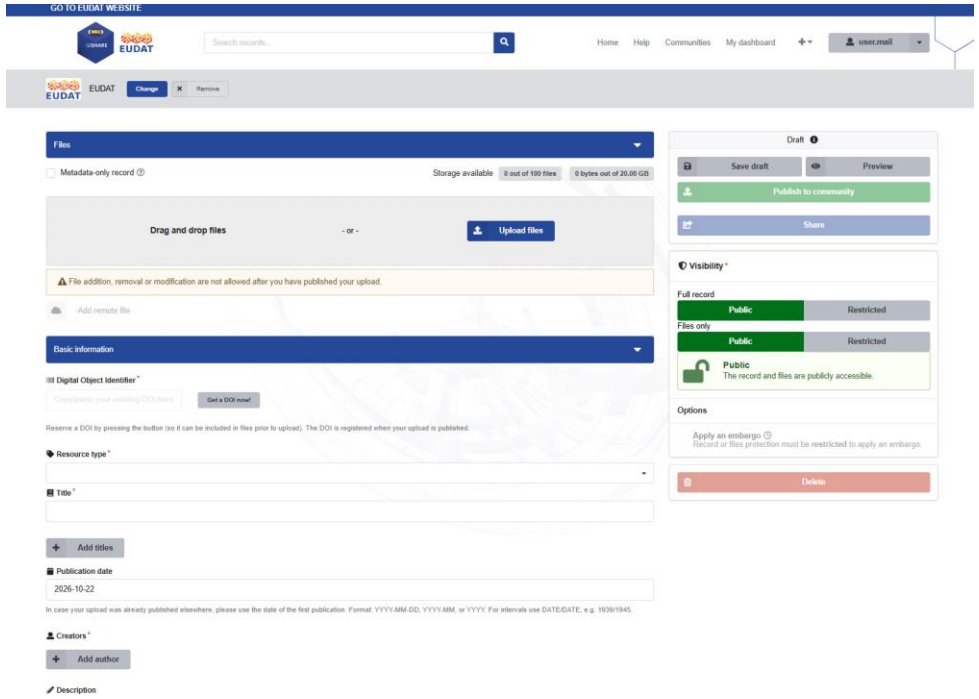
Prepare metadata, inspect the draft and publish through the community workflow

Deposit
A redesigned form for files and metadata

Describe
Searchable metadata selectors

Preview
Check the record before publication

Review & Publish
Community review process or direct publication



B2SHARE deposit form

Community roles and publication policies

Responsibilities and policies work together to define the publication model

Community roles

Member
Contribute under community policies

Curator
Review and discuss submissions

Manager
Coordinate members and curation

Community admin
Configure settings, roles and policies

Owner
Retain ultimate community control

Community policy decisions

Submission
Who can submit records?
Open submission or members only

Review
Who can publish without review?
Review required or policy exemptions

Access
Who can see restricted content?
Access depends on policy and role

Community administration and service administration are different scopes

Community review before publication



Community policy can allow publishing without review

Metadata tailored to the community

Build on the root schema, with extensions where the community needs more detail

Shared metadata

Core description
Title, creators, description and licence

Identifiers
Reuse ORCID and ROR vocabularies

Community-specific metadata

Vocabulary-backed fields
Select maintained values in extensions

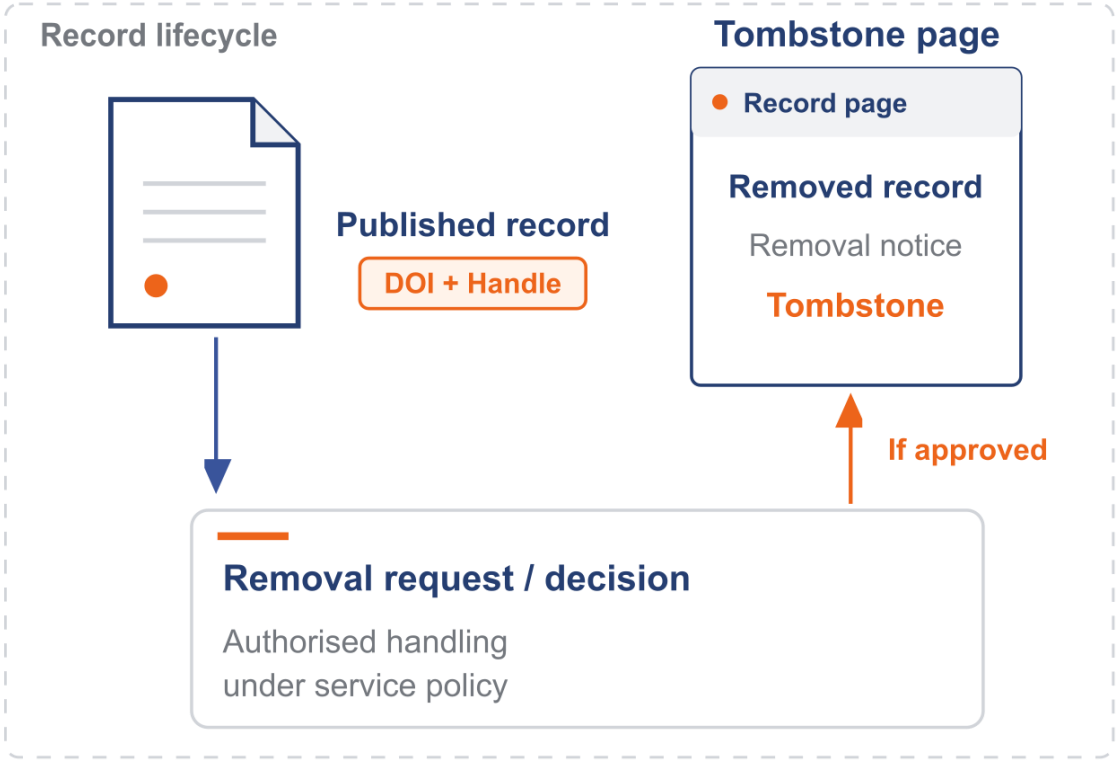
I-ADOPT variables
Use variables from an appropriate vocabulary

Existing metadata extensions gain richer, reusable field values

Administration and the record life-cycle

Support the service and retain an explanation when records are removed

Record removal



Service administration

Users
Manage accounts and moderation

Records
Inspect drafts and manage publications

Oversight
Audit activity and inspect storage usage

B2SHARE extensions and future directions

InvenioRDM provides the foundation; B2SHARE adds community and service capabilities

Delivered B2SHARE extensions

Communities
Admin role and vocabulary-backed fields

Connections
B2INST, remote files and custom importers

Large datasets
Select files to download at once

Signposting level 1 & 2 enabled

Future directions

Exchange
RO-Crate import and export

Enhanced reviews
Automated checks and curator tools

Service evolution
Storage options and EOSC integration

What B2SHARE offers your community

Choose the publication workflow and metadata model that fit your responsibilities

Researchers
Prepare and preview publications more easily

Communities
Assign responsibilities and curate submissions

Service teams
Manage users, records and publication lifecycle

Which publication steps does your community need to control?