

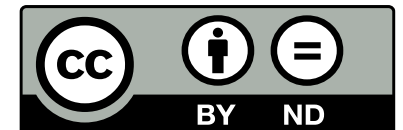
EOSC Knowledge Hub

Training Catalogue and Platform

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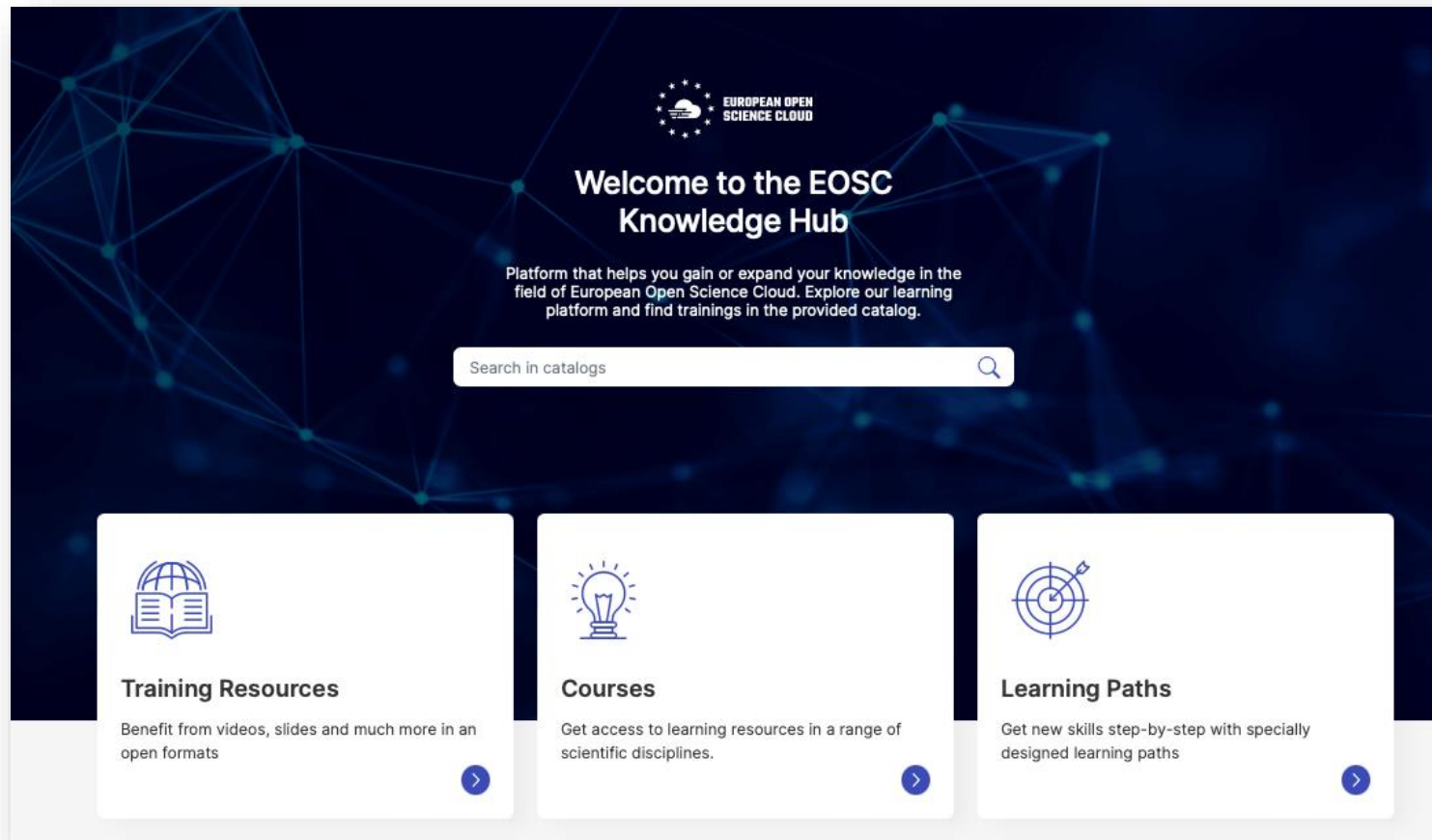
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EOSC Knowledge Hub (KH)

Main goal: be the hub for EOSC related training, targeting ALL EOSC end-users: Consumers, Providers, Intermediaries and Facilitators, and Trainers.



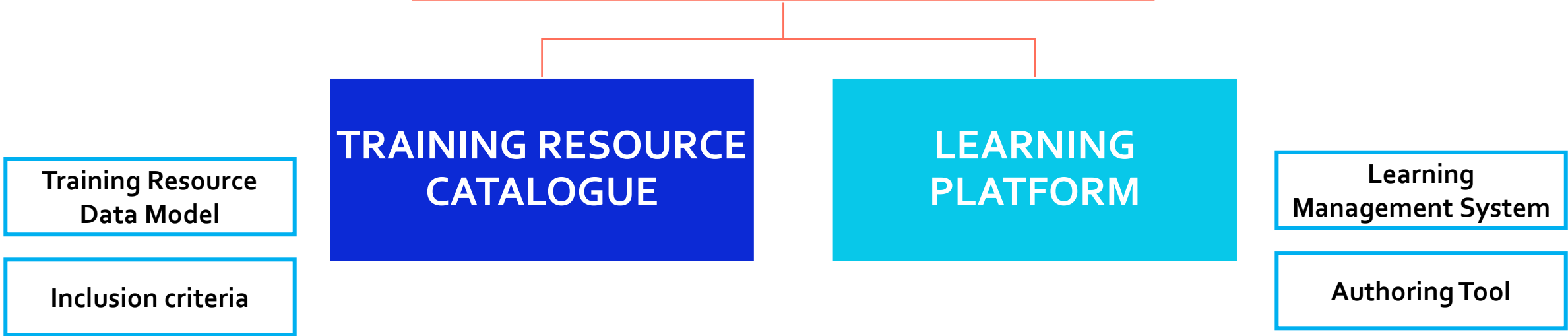
The screenshot shows the homepage of the EOSC Knowledge Hub. At the top, there is the European Open Science Cloud logo and the text "Welcome to the EOSC Knowledge Hub". Below this is a search bar with the placeholder text "Search in catalogs". The main content area features three white cards with blue icons and text:

- Training Resources:** Benefit from videos, slides and much more in an open formats.
- Courses:** Get access to learning resources in a range of scientific disciplines.
- Learning Paths:** Get new skills step-by-step with specially designed learning paths.

<https://knowledge-hub.eosc-portal.eu>



EOSC KNOWLEDGE HUB



Training Resource Catalogue: a catalogue of training resources pertinent to EOSC, which includes a database, an advanced search interface and landing pages with details for the registered resources.

Learning Platform: a learning management system that hosts training courses, certifications (badges), and a repository populated with openly available training materials.

Training Resource Catalogue

Marketplace > Training Resources

<https://marketplace.eosc-portal.eu>



Browse EOSC Marketplace Resources

Search in catalogs Trainings Exact match

Show Advanced Search

<https://search.marketplace.eosc-portal.eu/search/training>

- Aims to be a catalogue of training **resources relevant to EOSC** (metadata).
- Is open to all resources produced by the EOSC-Future as well by other **EOSC portal providers**.
- It's open to all training resources that fulfil the **rules of participation and inclusion criteria**.

Training Resource Profile Data Model

The metadata specifications and the Training Profile Data Model used to harvest and describe training resources :

Basic Information						
Code	Attribute Name	Definition	Type	Multiplicity	Required	Public
ETRP.BAI.0	ID	A persistent identifier, a unique reference to the Resource.	ResourceID	1	Mandatory	Yes
ETRP.BAI.1	Title	The human readable name of the training resource.	String (100)	1	Mandatory	Yes
ETRP.BAI.2	Resource Organisation	The name of the organisation that manages or delivers the resource, or that coordinates the Resource delivery in a federated scenario.	ProviderID	1	Mandatory	Yes
ETRP.BAI.3	Resource Providers	The name(s) of (all) the Provider(s) that manage or deliver the Resource in federated scenarios.	ProviderID	Multiple	Optional	Yes
ETRP.BAI.4	Authors	The name of entity(ies) authoring the resource.	String (40)	Multiple	Mandatory	Yes
ETRP.BAI.5	URL to resource	The URL that resolves to the training resource or to a "landing page" for the resource that contains important contextual information including the direct resolvable link to the resource, if applicable.	URL	1	Mandatory	Yes
ETRP.BAI.6	Resource URL type	The designation of identifier scheme used for the resource URL. It represents the type of the URL of the resource, that is the used scheme (e.g., Web Address URL, DOI, ARK, etc.).	Controlled Vocabulary	1	Optional	Yes
ETRP.BAI.7	EOSC related Resource	The name(s) of (all) the EOSC Catalogue/Marketplace registered Resource(s) for which this training resource is referring to (Refer to the EOSC Resource ID when applicable).	ResourceID	Multiple	Optional	Yes
Detailed & access Information						
Code	Attribute Name	Definition	Type	Multiplicity	Required	Public
ETRP.DAI.1	Description	A brief synopsis about or description of the training resource.	String (1000)	1	Recommended	Yes
ETRP.DAI.2	Keywords	The keyword(s) or tag(s) used to describe the resource.	String (100)	Multiple	Recommended	Yes
ETRP.DAI.3	License	A license document that applies to this content, typically indicated by URL.	String (100)	1	Mandatory	Yes
ETRP.DAI.4	Access Rights	The access status of a resource (open, restricted, paid).	Controlled Vocabulary	1	Mandatory	Yes
ETRP.DAI.5	Version	The version date for the most recently published or broadcast resource.	Date	1	Mandatory	Yes

Metadata specifications were defined following...

- RDA ETHRDI Group on the metadata application profile,
- consulting a set of catalogues.

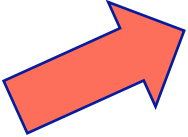
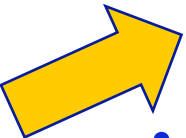
Resource profile Model:

1. Basic Information
2. Detailed & access Information
3. Learning Information
4. Geographical and Language Availability Information
5. Classification Information
6. Contact Information

<https://wiki.eoscfuture.eu/display/PUBLIC/F.+EOSC+Training+Resource+Profile>



Common inclusion criteria to onboard resources

- 
- **Providers must first be onboarded as an EOSC Provider** before being able to onboard resources
 - If your organisation is not yet onboarded as a Provider in the EOSC portal, please find the **detailed information on [how to become an EOSC Provider](#)** at and become a Provider at <https://providers.eosc-portal.eu/becomeAProvider>
 - **The resource to be onboarded is targeted to EOSC** and EOSC communities
 - a. E.g.: related to open science, research data management, and how to use EOSC resources.
 - For federated or jointly provided resources, the resource onboarding must be done by the coordinating or lead provider (i.e. the coordinating or lead provider is the “Resource organisation” in the resource profile).
 - The resource provider commits to maintain resource descriptions up-to-date
 - **Resource profile information must be provided in English (the metadata)**
- 



Inclusion criteria to onboard Training Resources

- **All mandatory metadata is provided**; all copyright, usage conditions, access constraints, licensing are declared; and all sources are credited when pre-existing resources are reused.
- **Specify the learning outcomes, resource type, content resource type, and estimated duration.**
- Be in one of the **European language(s)** (the resource).
- Incorporate **information about the expected level of training** and expertise to be achieved and **required qualifications** to access the training resource.
- **Comply with the FAIR principles**, open and reproducible science practices.
- Provide information about the **resource's provenance**.
- **Be periodically updated** and include the date of the last update to prevent outdated content.
- **Ensure preservation** (e.g. resources are deposited in a repository/platform that can ensure that they are accessible for a reasonable (3-5 years) period of time, preferably in trusted repositories with a long-term preservation policy). EOSC does not offer long-term preservation.

[Detailed inclusion criteria](#)



Learning Platform: Learning Management System (LMS) and Authoring Tool

Used to deploy the courses offered within the project activities.

LMS

Based on the open source Moodle software

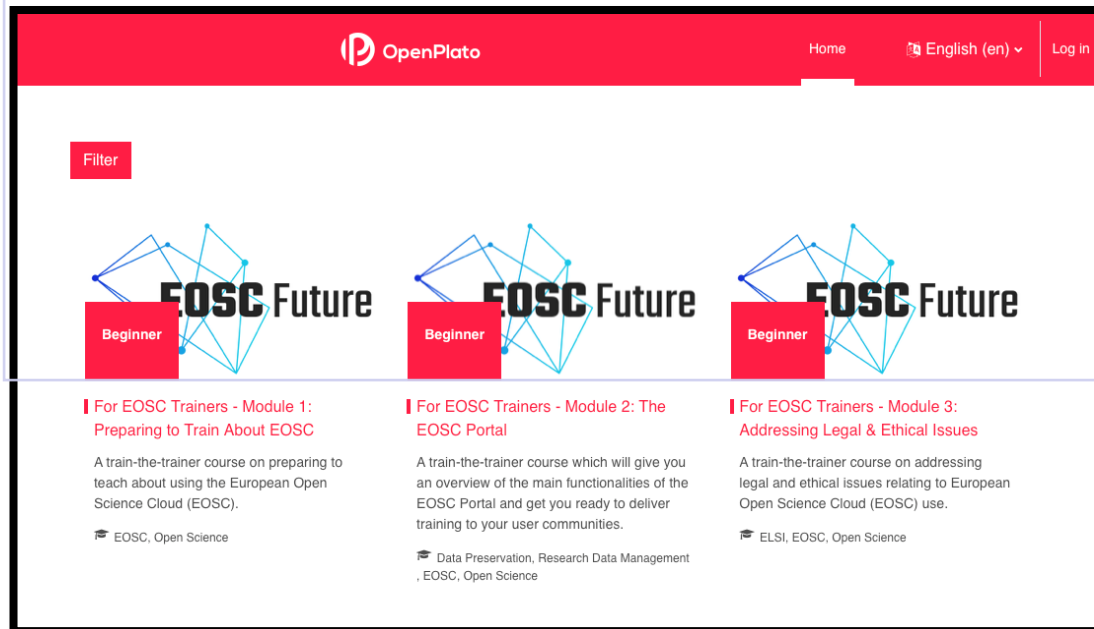
<https://openplato.eu>

Authoring Tool

Articulate, to support the course development
(scorm packages)

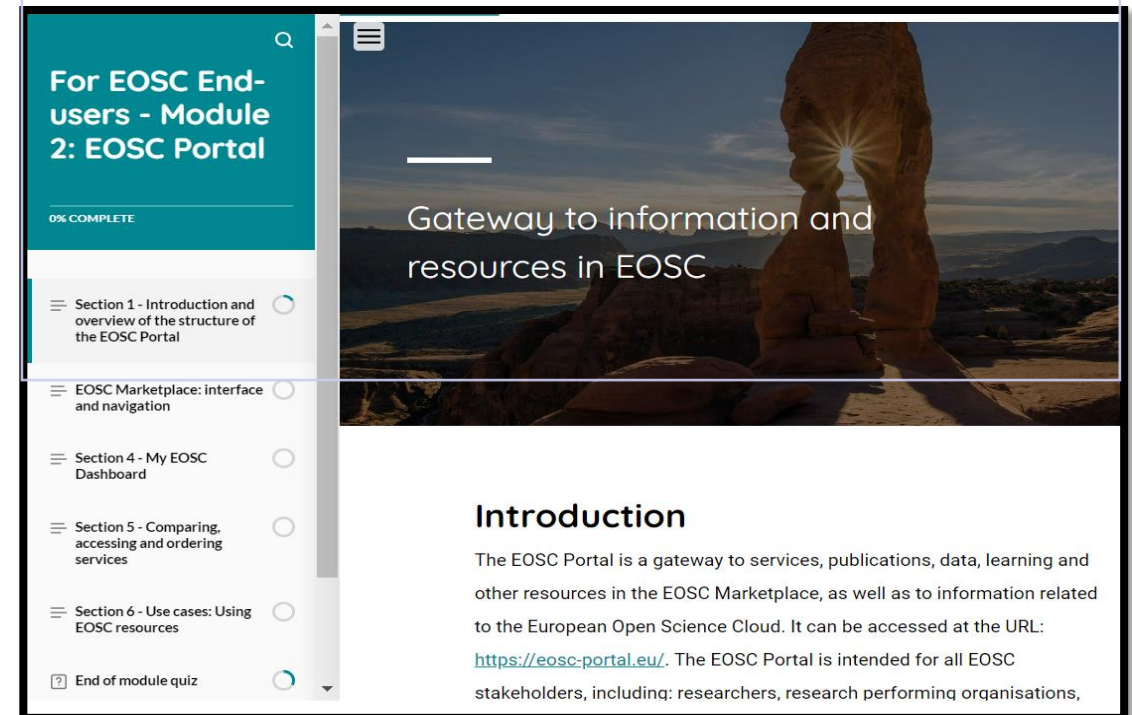
Learning Platform

LMS: Courses in Moodle (OpenPlato)

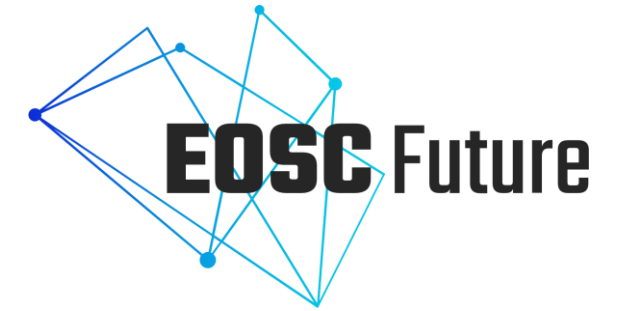


The screenshot shows the OpenPlato LMS interface. At the top, there is a red navigation bar with the OpenPlato logo, 'Home', 'English (en)', and 'Log In'. Below the navigation bar, there is a 'Filter' button. The main content area displays three course cards for 'EOSC Future'. Each card has a 'Beginner' level indicator and a description of the course content. The first course is 'For EOSC Trainers - Module 1: Preparing to Train About EOSC', the second is 'For EOSC Trainers - Module 2: The EOSC Portal', and the third is 'For EOSC Trainers - Module 3: Addressing Legal & Ethical Issues'.

Authoring Tool: Contents deployed in Articulate



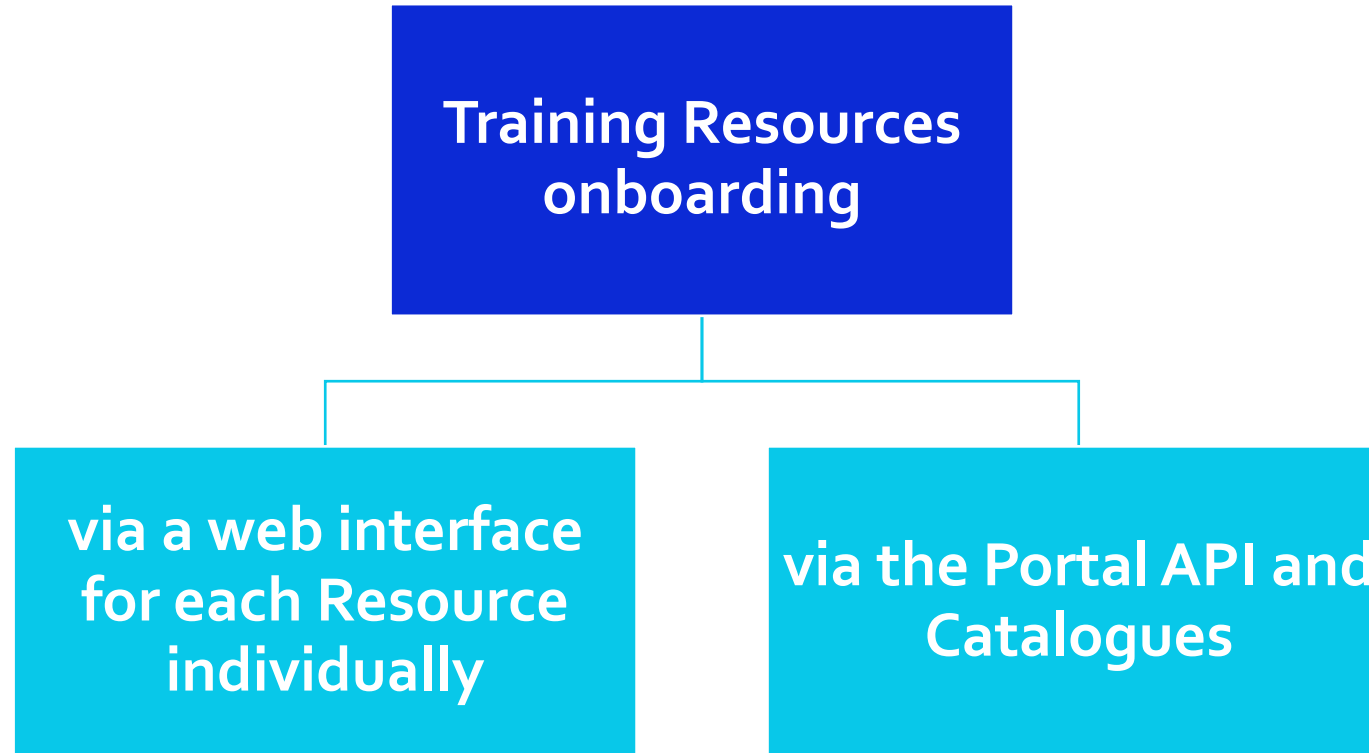
The screenshot shows the Articulate authoring tool interface. The main content area displays the course content for 'EOSC Portal'. The title is 'For EOSC End-users - Module 2: EOSC Portal' and the progress is '0% COMPLETE'. The main heading is 'Gateway to information and resources in EOSC'. Below the heading, there is a table of contents with sections: 'Section 1 - Introduction and overview of the structure of the EOSC Portal', 'EOSC Marketplace: interface and navigation', 'Section 4 - My EOSC Dashboard', 'Section 5 - Comparing, accessing and ordering services', 'Section 6 - Use cases: Using EOSC resources', and 'End of module quiz'. The main content area shows the 'Introduction' section, which describes the EOSC Portal as a gateway to services, publications, data, learning and other resources in the EOSC Marketplace, and provides the URL: <https://eosc-portal.eu/>.



SHARE YOUR Training Resources



Training Resources onboarding



Step-by-step guide:

- [How to onboard Training Resources into the EOSC Marketplace](#)

Webinar:

- [Share your Training Resources on the EOSC Portal](#)



Support, Guidance and Helpdesk

How to onboard Training Resources into the EOSC Marketplace

Step-by-step guide

Table of contents

- Preliminary notes
- Inclusion criteria to onboard Training Resources
 - a) Common inclusion criteria
 - b) Additional inclusion criteria to onboard a training resource
- Step-by-step guidance to onboard Training Resources
 - a) Onboarding procedure via a web interface for each Resource individually
 - b) Onboarding procedure via the Portal API
- Revision and publication of the new onboarded Resources

<https://wiki.eoscfuture.eu/display/PUBLIC/Step-by-step+guide%3A+How+to+onboard+Training+Resources+into+the+EOSC+Marketplace>

Helpdesk

Contact us: <https://eosc-portal.eu/contact-us>

EOSC Providers Hub

A single place for Providers to learn:

- Why and how to become an EOSC Provider
- How to register and manage resources so they are available in the EOSC Marketplace, and
- Access related documentation, training and support.

<https://eosc-portal.eu/eosc-providers-hub>

[Benefits of Becoming a Provider](#)

[How to become an EOSC Provider](#)

[How to Become an EOSC Provider - An Overview](#)

[Instructions to onboard Providers and Services to EOSC](#)

[What are EOSC resources?](#)

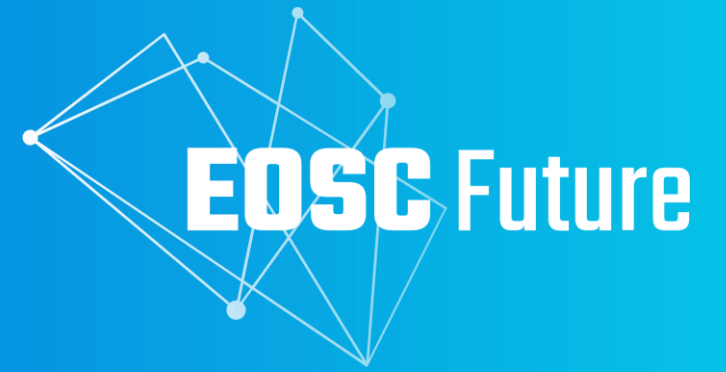
[How does the EOSC Catalogue and Marketplace work?](#)

[What are EOSC Profiles?](#)

[Provider statistics](#)

[Resource statistics](#)

[Adding value to already onboarded resources](#)



Thank you for your attention

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