



Deliverable 2.5

Catalogue of data and services release

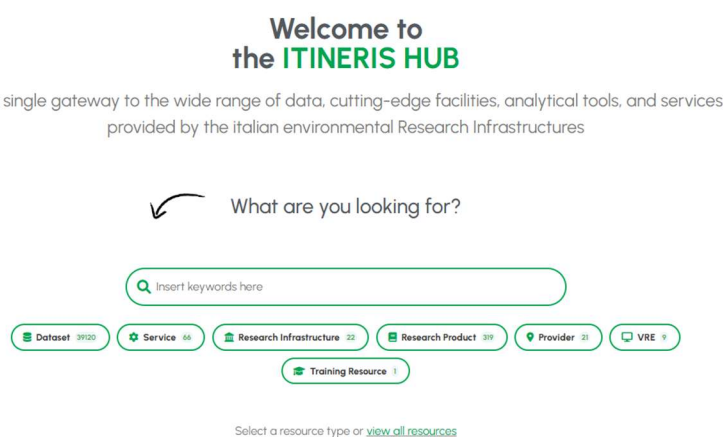


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The main goal of this document is to report the final release of the ITINERIS Catalogue of data and services (from now onwards Catalogue).

The Catalogue is one of the main components of the ITINERIS HUB and can be reached at [ITINERIS HUB - Homepage - ITINERIS HUB](#), serving as a common, comprehensive, and discoverable online registry of the resources offered by the RIs.



The Catalogue is realized to collect and organize all the knowledge, data, analytics tools, and services provided by the RIs within ITINERIS and increase their visibility, access, and use by the communities. The catalogue promotes the openness principles with all the resources publicly listed in the registries and provided as open as possible, and aligned with the FAIRness principles (Findable, Accessible, Interoperable, and Reusable).

The Catalogue support the ability to publish and search metadata for data, services, and related information objects. Metadata in catalogues represent resource characteristics that can be queried, presented for evaluation and processing by both humans and machine to machine system.

This promotes comprehensive and multidisciplinary research and facilitates the discovery, reuse, and transparency promotion of existing information optimizing the use of time and resources.

This report of the Deliverable D2.5 “Catalogue of data and services release” does not describe in detail the ITINERIS catalogue main principles and goals as they are detailed described in D2.5 “Catalogue of data and services - Specification document” (second release) together with the resources definition and the related metadata schema. but offers shared reference information to ensure coherent use, maintenance, and future evolution of the ITINERIS Catalogue.

More in detail, in the following there are two complete and outstanding documents to improve readability and ease of consultation:

D2.5.1 Administrative guideline for CKAN ITINERIS metadata-catalogue (Inside the catalogue - developer point of view): a technical and operational description of the ITINERIS Catalogue. It is addressed to developers, system administrators, catalogue managers, and RI representatives involved in metadata curation and governance. The document describes:

- the integration of CKAN within the D4Science infrastructure and its adaptation to the ITINERIS context;
- the metadata model and the customized resource profiles adopted in the catalogue;
- the management of users, roles, moderated workflows, and governance mechanisms;
- the organization of resources through groups and tags, including controlled vocabularies;
- the FAIR Implementation Profile (FIP) of the metadata catalogue;
- harvesting mechanisms and interoperability with external systems;

Finally, technical configuration elements are documented in the appendices.

D2.5.2 Instructions for Onboarding Resources on the ITINERIS Catalogue: a dedicated guidelines for the catalog editor on how to onboard resources on the ITINERIS catalogue.