CatRIS
Catalogue of Research Infrastructure Services

CatRIS Portal Tutorials Introduction

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Definitions

CatRIS Portal: A Portal providing information (organised in a Catalogue) about Research Infrastructure Services in Europe focusing on Physical Research Infrastructures (RIs), Core Facilities (CFs) and Shared Scientific Services (SSRs) (*all hereinafter referred to as RIs*) .

Catalogue: The customer-facing list of all live Services that can be requested by End-Users along with relevant information about these Services.

Onboarding Process: the process that a Service Provider must follow to register itself and its services in the CatRIS Portal.

Service Provider: An organisation, a part of an organisation or a federation that manages and delivers Services to End-Users. They can be: Research Infrastructures, Distributed Research Infrastructures, Service Aggregators, Thematic Clouds, Regional Clouds, etc.

Service: The means or a process that organisations use to deliver results that Users/Customers value and wish to achieve. These results are usually intangible although they may also include tangible elements. Services require instantiation by a Service Provider.

RI Service: Services provided by Research Infrastructures. They include among others access to and use of facilities and instruments, users support and training and other activities and Services that the RIs deliver to Users/Customers.

Physical RI Service: RI Services that rely on the access to or use of a physical facility or instrument.

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Vision

CatRIS aims to develop an open, trusted and user-friendly **Portal** to a harmonised and aggregated **Catalogue of Services** offered by **Physical Research Infrastructures, Core Facilities and Shared Scientific Resources** at European and National levels that will allow them to be findable and accessible by researchers, research groups, projects, organisations, innovators and businesses, funders and policy makers.

CatRIS being one of the building blocks of the EOSC Initiative of the European Commission abides to its vision to provide all researchers, innovators, companies and citizens with seamless access to an open-by-default, efficient and cross-disciplinary environment for producing, storing, accessing, publishing, and reusing data, tools, publications and any EOSC resource for research, innovation and educational purposes. CatRIS is committed to supporting the implementation of the EOSC, is taking part in the development of the EOSC ecosystem and is aligned with the guidelines provided by the EOSC Executive and Governance Board and the European Commission.

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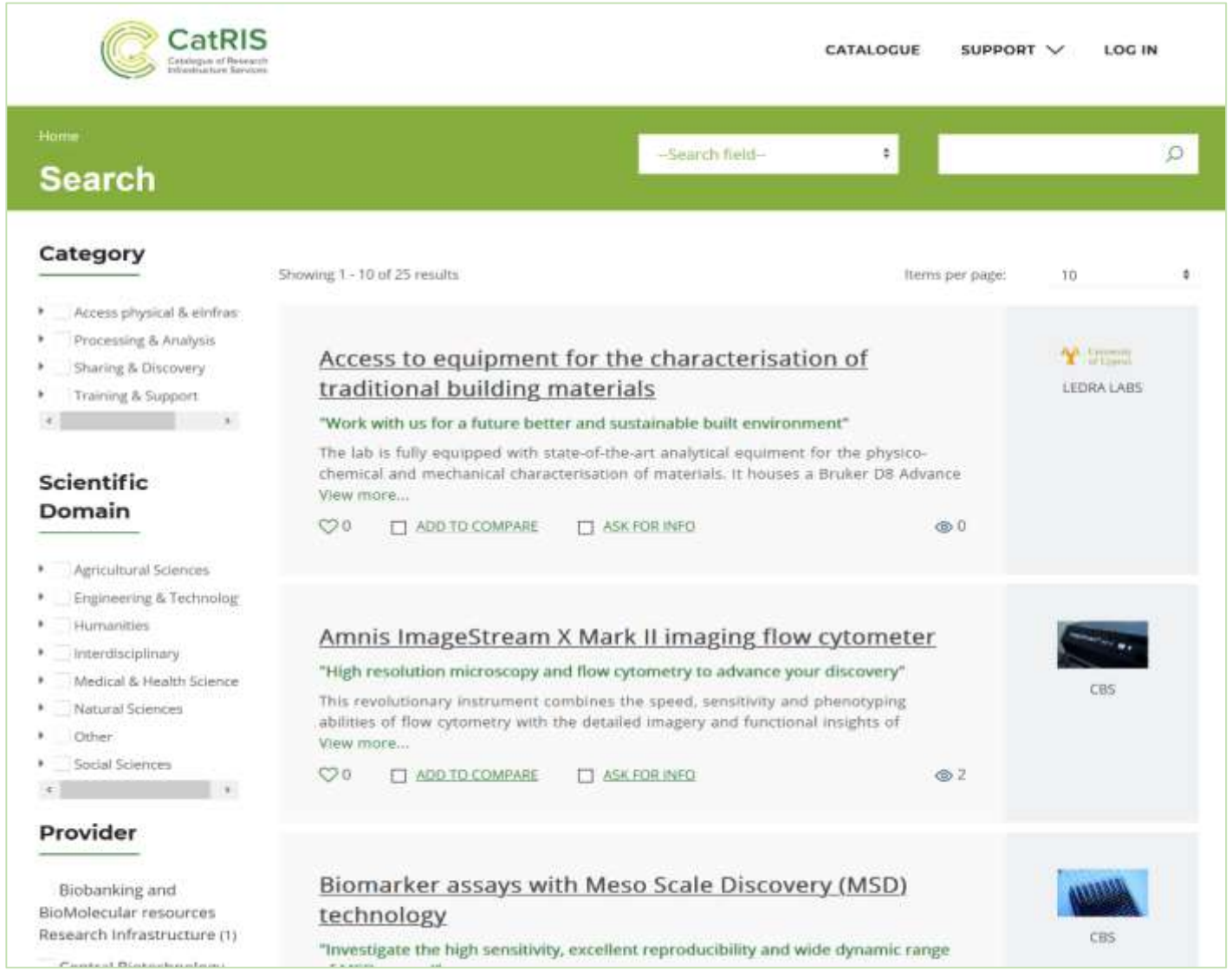

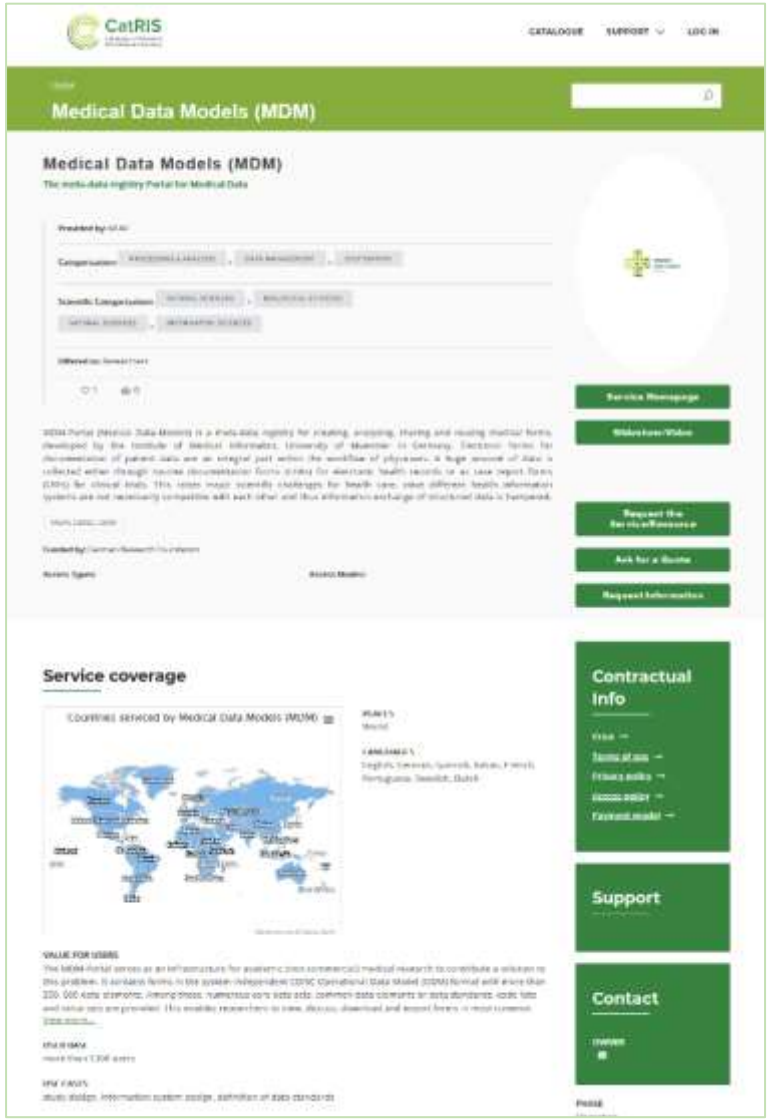

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Catalogue of Research Infrastructure Services – www.catris.eu
CatRIS

Expected benefits to Service Providers

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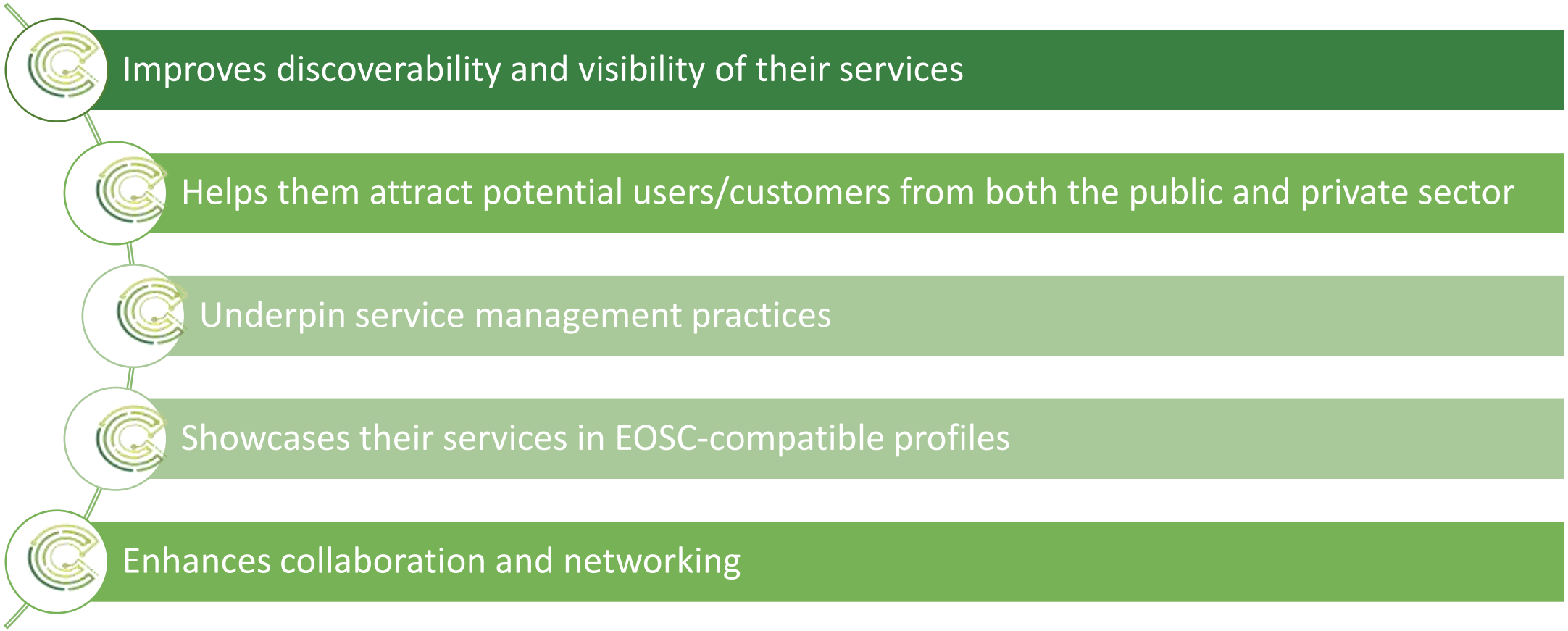

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Expected benefits to Researchers

CatRIS
Catalogue of Research Infrastructure Services

- Helps discover and locate available RI, CF and SSR services across all research fields
- Provides comparison of services offered by different Providers
- Gives relevant information of the access modalities, usage and specific conditions for service delivery
- Allows them to contact the Providers and request additional information and service booking
- Enhances collaboration and networking

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Expected benefits to Policy Makers and Funders

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Catalogue of Research Infrastructure Services

- Allows them to identify best practices for developing catalogues
- Promotes the harmonisations of service profiles across countries and scientific domains
- Enhances RI, CF & SSR accessibility, usage and impact
- Helps understanding the landscape of European RI services
- Allows them to review and compare RI services and identify gaps

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Rationale

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Challenges

- Diverse vocabulary about Service Management (SM) and Data Handling in the community
- Various standards and frameworks available for SM
- Different levels of adoption of SM practices among the Providers
- Different processes to manage service portfolios employed at different locations
- Not the same maturity in description of offerings, listings or catalogues by Providers
- Numerous ways of representing, offering services to the users on the web
- No adopted APIs for exchanging service-related information among Providers

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CatRIS Portal Tutorial Abbreviations

CatRIS
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Abbreviation	Meaning
API	Application Programming Interface
CatRIS	Catalogue of Research Infrastructure Services
CF	Core Facility
CPOT	CatRIS Portal Onboarding Team
EC	European Commission
ESFRI	European Strategic Framework for Research Infrastructure
IT	Information Technology
RI	Research Infrastructure
RoP	Rules of Participation
SLA	Service Level Agreement
SP	Service Provider
SSR	Shared Scientific Services

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