



# Provider and Service Profiles Guide

V3.00

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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 Resources (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, Resource 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 resources 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.

# Abbreviations

Abbreviation	Meaning
API	Application Programming Interface
CatRIS	Catalogue of Research Infrastructure Services
CF	Core Facility
COT	CatRIS Onboarding Team
EC	European Commission
EOSC	European Open Science Cloud
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 Resources



# CatRIS

Catalogue of Research  
Infrastructure Services

CatRIS Vision, Mission, Benefits and Definitions



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n°824173.

# 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.



# CatRIS Portal



**CatRIS**  
Catalogue of Research  
Infrastructure Services

[CATALOGUE](#)
[SUPPORT](#)
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[Home](#)

## Search

### Category

- ☐ Access physical & eInfras
- ☐ Processing & Analysis
- ☐ Sharing & Discovery
- ☐ Training & Support

Showing 1 - 10 of 25 results

Items per page: 10

### Scientific Domain

- ☐ Agricultural Sciences
- ☐ Engineering & Technology
- ☐ Humanities
- ☐ Interdisciplinary
- ☐ Medical & Health Science
- ☐ Natural Sciences
- ☐ Other
- ☐ Social Sciences

### Provider

- ☐ Biobanking and BioMolecular resources Research Infrastructure (1)
- ☐ Catal BioTechnology


#### Access to equipment for the characterisation of traditional building materials

"Work with us for a future better and sustainable built environment"

The lab is fully equipped with state-of-the-art analytical equipment for the physico-chemical and mechanical characterisation of materials. It houses a Bruker D8 Advance

[View more...](#)

0 [ADD TO COMPARE](#) [ASK FOR INFO](#) 0



LEDRA LABS


#### Amnis ImageStream X Mark II imaging flow cytometer

"High resolution microscopy and flow cytometry to advance your discovery"

This revolutionary instrument combines the speed, sensitivity and phenotyping abilities of flow cytometry with the detailed imagery and functional insights of

[View more...](#)

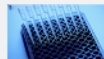
0 [ADD TO COMPARE](#) [ASK FOR INFO](#) 2




CBS

#### Biomarker assays with Meso Scale Discovery (MSD) technology

"Investigate the high sensitivity, excellent reproducibility and wide dynamic range



CBS



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## Medical Data Models (MDM)

### Medical Data Models (MDM)

The meta-data registry Portal for Medical Data

Provided by: MDM

Categories: [PROCESSING & ANALYSIS](#) [DATA MANAGEMENT](#) [DIGITISATION](#)

Scientific Categorisation: [NATURAL SCIENCES](#) [BIOLOGICAL SCIENCES](#) [NATURAL SCIENCES](#) [INFORMATION SCIENCES](#)

Offered as: [Infrastructure](#)

1 0

[Service Homepage](#)

[Slideshow/Video](#)

[Request the Service/Resource](#)

[Ask for a Quote](#)

[Request Information](#)

MDM-Portal (Medical Data-Models) is a meta-data registry for creating, analysing, sharing and reusing medical forms. developed by the Institute of Medical Informatics, University of Muenster in Germany. Electronic forms for documentation of patient data are an integral part within the workflow of physicians. A huge amount of data is collected either through routine documentation forms (LHRS) for electronic health records or as case report forms (CRFs) for clinical trials. This raises major scientific challenges for health care, since different health information systems are not necessarily compatible with each other and thus information exchange of structured data is hampered.


[MDM CDISC ODM](#)

Funded by: German Research Foundation

Access Types: Access Models:

### Service coverage

Countries serviced by Medical Data Models (MDM)



PLACES: World

LANGUAGES: English, German, Spanish, Italian, French, Portuguese, Swedish, Dutch

VALUE FOR USERS

The MDM-Portal serves as an infrastructure for academic (non-commercial) medical research to contribute a solution to this problem. It contains forms in the system-independent CDISC Operational Data Model (ODM) format with more than 350.000 data elements. Among those, numerous core data sets, common data elements or data standards, code lists and value sets are provided. This enables researchers to view, discuss, download and export forms in most common

[View more...](#)

UM ILMAN: more than 1300 users

UMI CASES: study design, information system design, definition of data standards

### Contractual Info

Price: →

Terms of use: →


Privacy policy: →

Access policy: →

Payment model: →

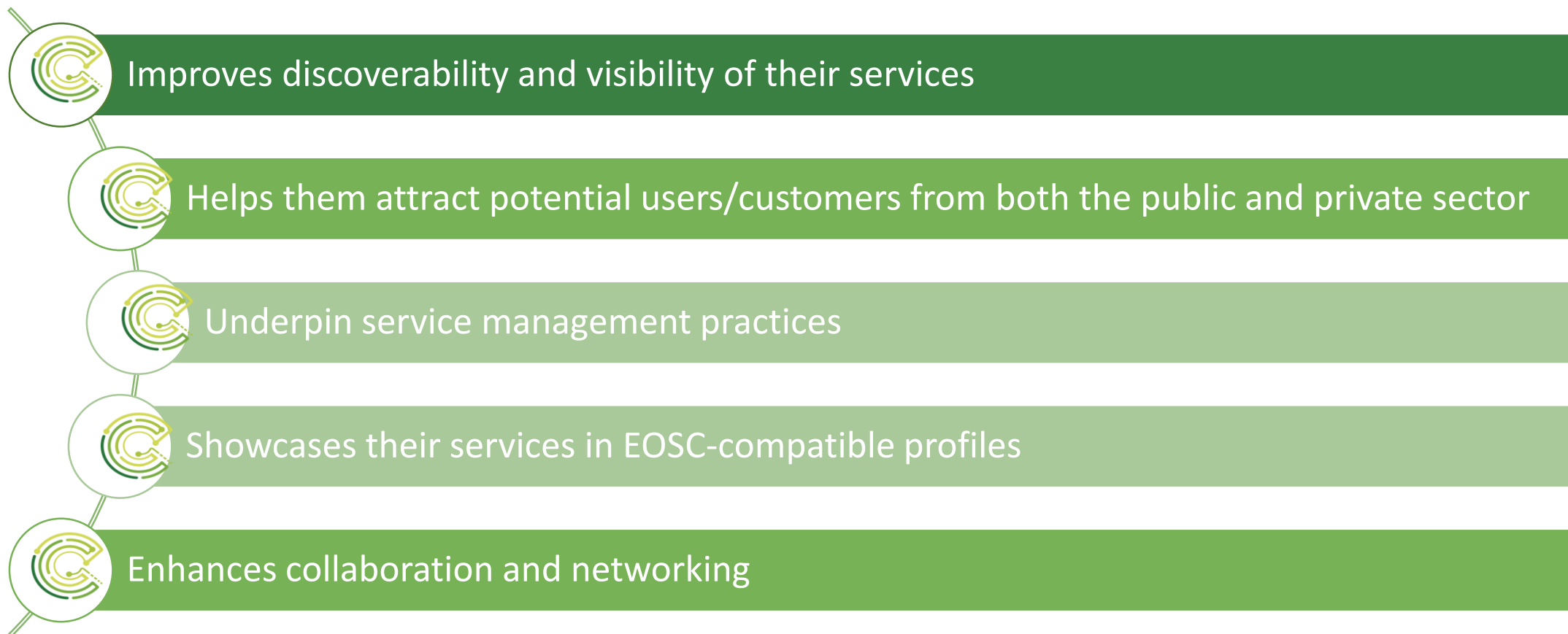
### Support

### Contact

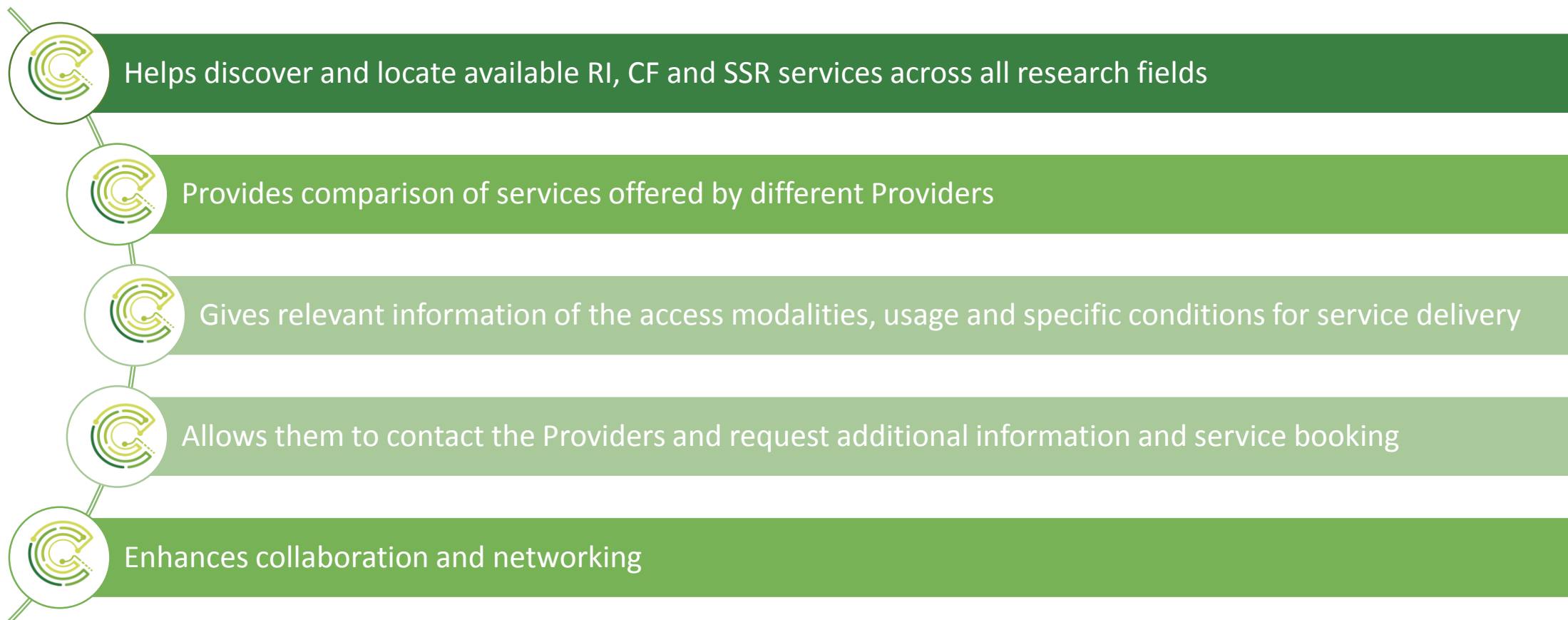
OWNER: 

PHASE: →

# Expected benefits to Service Providers








# Expected benefits to Researchers





# Expected benefits to Policy Makers and Funders

-  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



# CatRIS

Catalogue of Research  
Infrastructure Services

Rationale, Challenges, Prior Efforts and Introduction




# Rationale

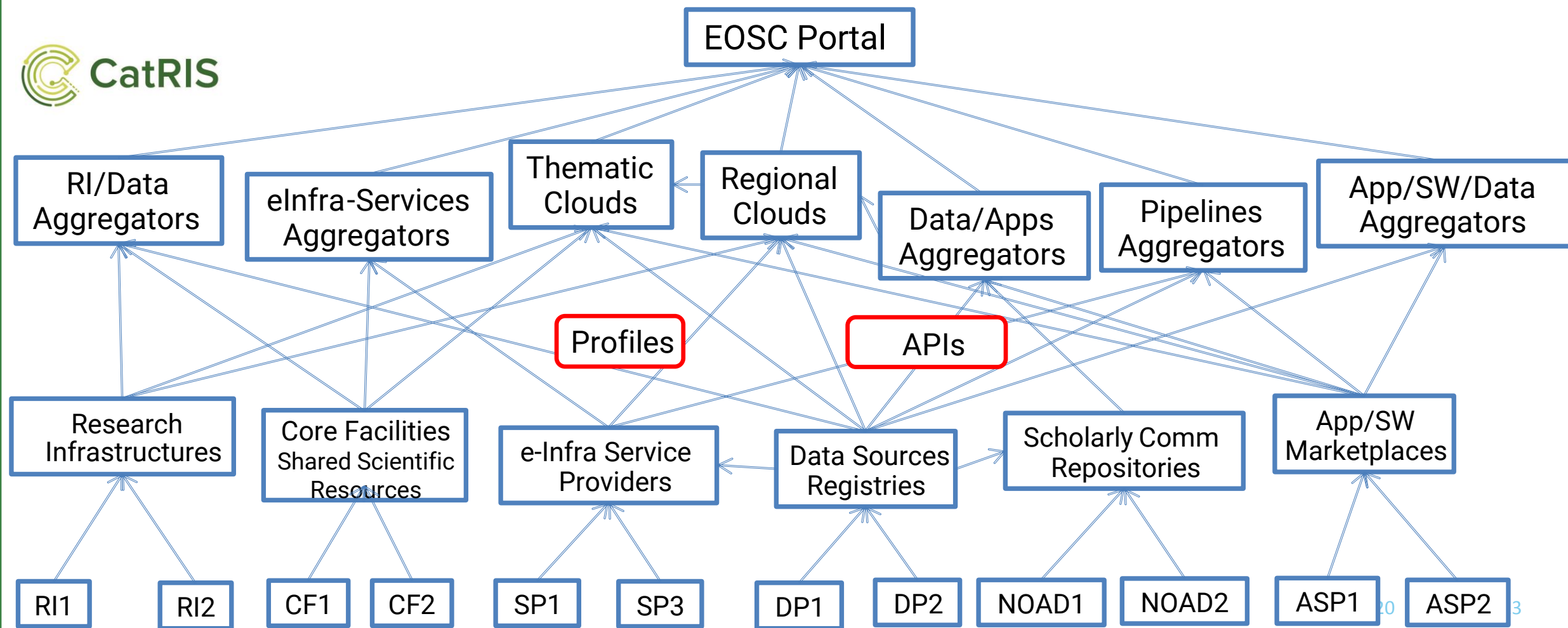
-  Need to harmonise the Services provided by European Research Infrastructures
-  Increase the user base by making Services discoverable & easier to relate to user needs
-  Widen the pool of users with more scientific communities, industry, gov, citizens, etc.
-  Facilitate Service Providers with a shared language and path to users
-  Become user-oriented, user-centric, business-focus and professional in service provisioning
-  Identify overlapping efforts or gaps and lower overall costs
-  Facilitate continuous improvements and speed up innovation



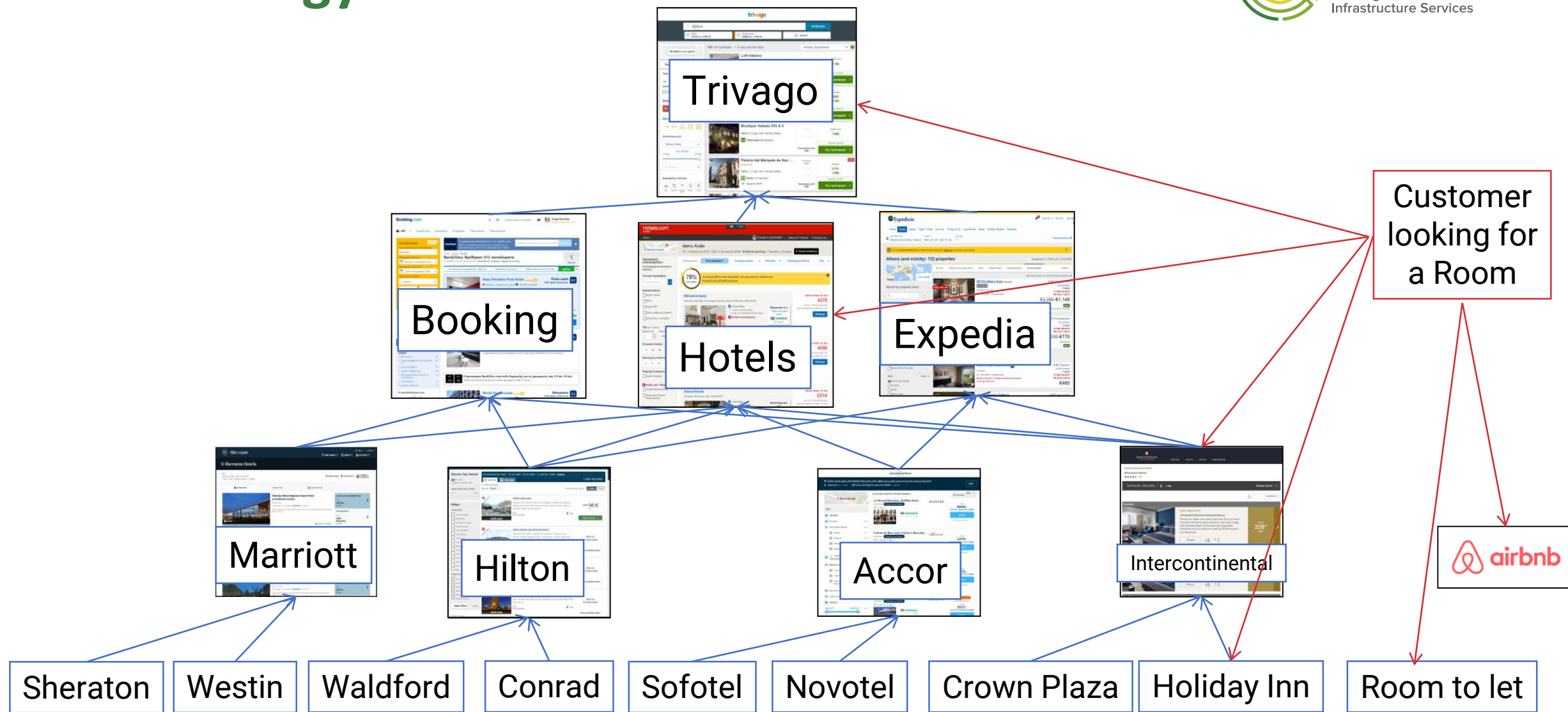
# Challenges

- 
- 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

# Interoperability



# An Analogy





# Prior Efforts

## e-Infrastructure Catalogue of Services

### Document Information

Date: 04/04/2016

Authors: Sergio Andreozzi, Donatella Castelli, Angela Dappert, Tiziana Ferrari, Malgorzata Krakowian, Johannes Reetz, Andres Steijaert

Abstract: This document outlines a framework for creating a Catalogue of Services (CoS), primarily intended for e-Infrastructure services. It describes services at a high level and makes them discoverable. It can also be used to identify overlapping efforts or gaps in the catalogued service landscape.

The goal of this document is to define a framework that can be used to specify and implement a concrete catalogue. It is not a catalogue itself and does not list or describe services.

DOI: 10.5281/zenodo.165467

The research leading to these results has received funding from the European Union's Horizon 2020 research and innovation programme for the THOR project under Grant number Agreement 654039, the EGI-Engage project under Grant Agreement number 654142, the GN4-2 project under Grant Agreement number 731122 (GN4-2), the BlueBRIDGE project under Grant Agreement number 675680, the OpenAIRE2020 project under Grant Agreement number 643410, and the EUDAT2020 project under Grant Agreement number 654065.



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BLUEBRIDGE, EGI, EUDAT,  
GEANT, OpenAIRE, Thor



## Framework Specification

### Product Catalog Management API REST Specification

TMF620  
Release 14.5.1  
June 2015

Latest Update: Framework Release 14.5	TM Forum Approved
Version 2.0.2	IPR Mode: RAND

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TMForum, FitSM, ITIL, ISO/IEC 20000, COBIT



Implementing service management  
in federated e-Infrastructures

Creators of the FitSM Standard

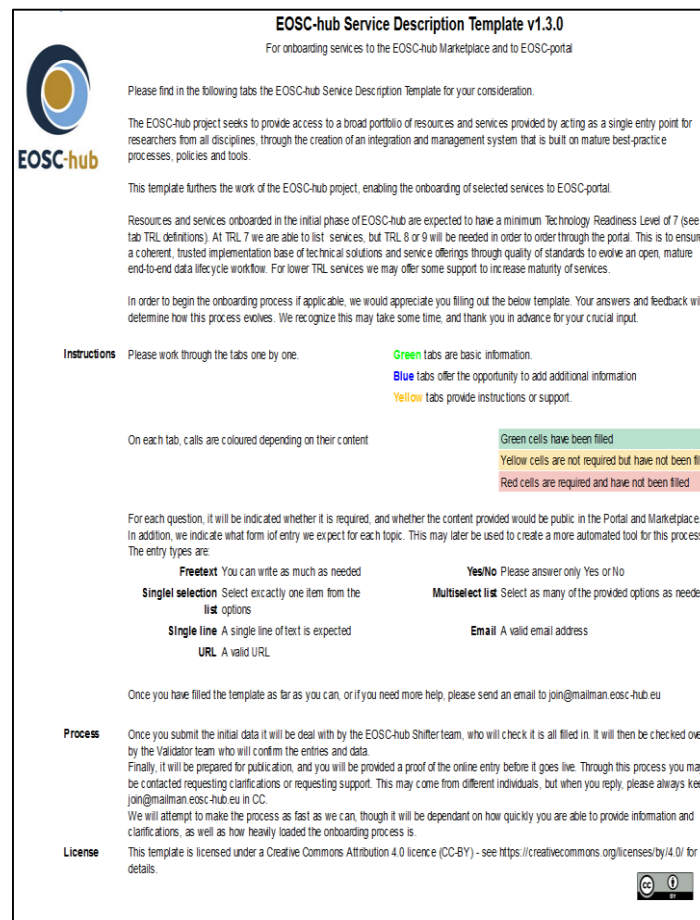


Standards for lightweight  
service management in  
federated IT infrastructures

# Prior Efforts



eInfraCentral v1.13



EOSC-hub v1.3.0



CatRIS v2.00

# Two Profiles: Provider and Service

## EPV: EOSC Provider Profile v3.00

Release	V3.00
Document status	FINAL
Contributors	JNP: Jorge Sanchez (editor), Nikos Vogiatzis, Afrodite Sevasti, Yannis Mitsos, Antonis Zervas, Panos Spyrou, Theodore Ntzezes, EGI: Owen Appleton, Sergio Andreozzi, Malgorzata Krakowian, EUDAT: Mark van der Sanden, EPCC: Rob Baxter, GEANT Assoc: Michelle Williams, Kostas Koumantaros, Annabel Grant, Shaun Cairns, Karl Meyer, UOA: George Papastefanatos, Giorgos Giannopoulos, Michael Zouros, Natalia Manola, OpenAIRE: Paolo Manghi, Donatella Castelli, Franco Zoppi, Andrea Mannocci, EFIS: Carmela Asero, Alasdair Reid, Jelena Angelis, Vladimir Cvijanovic, ESF: Ana Helman, Xavier Meyer, Antti Tahvanainen, EKT-NHRF: Haris Georgiadis, Vasilis Bonis, EUROCEAN: Margherita Zorgno, CTLS: Patrick England, Anna Kamenskaya, CESSDA: Carsten Thiel, e-IRG: Jan Wiebelitz, Gabriele von Voigt, PRACE AISBL: Florian Berberich, Pedro Alberto, Oriol Pineda, ARC: Penny Labropoulou, Androniki Pavlidou.
Credits	The EOSC Provider Vocabulary (EPV) is developed with the contribution of: JNP, UOA, EGI, EUDAT, OPENAIRE, EPCC, GEANT, EFIS, ESF, EKT, e-IRG, EUROCEAN, CTLS, CESSDA in the framework of: the eInfraCentral project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 731049, the EOSC-hub project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 777536, the CatRIS project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824173, the EOSC Portal collaboration agreement of eInfraCentral, EOSC-hub and OpenAIRE-Advance and the EOSC Enhance project that has received funding from European Union's Horizon 2020 research and innovation programme under grant agreement No 871160.
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## ERV: EOSC Resource Profile v3.00

Release	V3.00
Document status	FINAL
Contributors	JNP: Jorge Sanchez (editor), Nikos Vogiatzis, Afrodite Sevasti, Yannis Mitsos, Antonis Zervas, Panos Spyrou, Theodore Ntzezes, EGI: Owen Appleton, Sergio Andreozzi, Malgorzata Krakowian, EUDAT: Mark van der Sanden, EPCC: Rob Baxter, GEANT Assoc: Michelle Williams, Kostas Koumantaros, Annabel Grant, Shaun Cairns, Karl Meyer, UOA: George Papastefanatos, Giorgos Giannopoulos, Michael Zouros, Natalia Manola, OpenAIRE: Paolo Manghi, Donatella Castelli, Franco Zoppi, Andrea Mannocci, EFIS: Carmela Asero, Alasdair Reid, Jelena Angelis, Vladimir Cvijanovic, ESF: Ana Helman, Xavier Meyer, Antti Tahvanainen, EKT-NHRF: Haris Georgiadis, Vasilis Bonis, EUROCEAN: Margherita Zorgno, CTLS: Patrick England, Anna Kamenskaya, CESSDA: Carsten Thiel, e-IRG: Jan Wiebelitz, Gabriele von Voigt, PRACE AISBL: Florian Berberich, Pedro Alberto, Oriol Pineda, ARC: Penny Labropoulou, Androniki Pavlidou.
Credits	The EOSC Resource Vocabulary (ERV) is developed with the contribution of: JNP, UOA, EGI, EUDAT, OPENAIRE, EPCC, GEANT, EFIS, ESF, EKT, e-IRG, EUROCEAN, CTLS, CESSDA in the framework of: the eInfraCentral project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 731049, the EOSC-hub project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 777536, the CatRIS project that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824173, the EOSC Portal collaboration agreement of eInfraCentral, EOSC-hub and OpenAIRE-Advance and the EOSC Enhance project that has received funding from European Union's Horizon 2020 research and innovation programme under grant agreement No 871160.
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# Conceptual/Data Model

Basic Information						
Code	Attribute Name	Definition	Type	Multiplicity	Required	Public
EPV.BAI.0	ID	A persistent identifier, a unique reference to the Provider in the context of the EOSC Portal.	String (max 30)	1	Mandatory	Yes
EPV.BAI.1	Name	Full Name of the Provider offering the resource and acting as main contact point.	String (max 100)	1	Mandatory	Yes
EPV.BAI.2	Abbreviation	Abbreviation or short name of the Provider.	String (max 30)	1	Mandatory	Yes
EPV.BAI.3	Website	Webpage with information about the Provider.	URL	1	Mandatory	Yes
EPV.BAI.4	Legal Entity	A Y/N question to define whether the Provider is a Legal Entity or not.	Boolean	1	Mandatory	Yes

# Code Lists and Classifications

## Provider Country

From [ISO 3166 standard – Codes for the representation of names of countries and their subdivisions](#), except for Greece and the United Kingdom (use EL and UK respectively instead of GR and GB) from [Eurostat code lists](#).

No.	Country
1	Afghanistan (AF)
2	Åland Islands (AX)
3	Albania (AL)
4	Algeria (DZ)
5	American Samoa (AS)
6	Andorra (AD)
7	Angola (AO)
8	Anguilla (AI)
9	Antarctica (AQ)
10	Antigua and Barbuda (AG)
11	Argentina (AR)
12	Armenia (AM)
13	Aruba (AW)
14	Australia (AU)
15	Austria (AT)

## Resource Scientific Domain/Subdomain

From the [Revised Field of Science and Technology \(FOS\) Classification in the Frascati Manual by the Working Science and Technology Indicators \(2007\)](#), OECD.

No.	Scientific Domain	No.	Scientific Subdomain
1	Natural Sciences	1	Mathematics
		2	Computer and information sciences
		3	Physical sciences
		4	Chemical sciences
		5	Earth and related environmental sciences
		6	Biological sciences
		7	Other natural sciences
2	Engineering & Technology	1	Civil engineering
		2	Electrical, electronic and information engineering
		3	Mechanical engineering
		4	Chemical engineering
		5	Materials engineering
		6	Medical engineering

# EOSC Profiles Information Blocks

- **Provider Profile**

- Basic Information
- Marketing Information
- Classification Information
- Location Information
- Contact Information
- Maturity Information
- Other Information

- **Service Profile**

- Basic Information
- Marketing Information
- Classification Information
- Geographical and Language Availability Information
- Service Location Information
- Contact Information
- Maturity Information
- Dependencies Information
- Attribution Information
- Management Information
- Access and Order Information
- Financial Information



# EOSC Profiles Minimum Set for Interoperability

- Provider Profile

- ID
- Name
- Abbreviation
- Website
- Description
- Logo
- Address
- Contacts

- Service Profile

- ID
- Name
- Service Organisation
- Website
- Description
- Tagline
- Logo
- Scientific Domain
- Category
- Target Users
- Geographical and Language Availability
- Contacts
- TRL
- Order Type

# EOSC Profiles Classifications

- **Provider Profile**

- Legal Status
- Scientific Domain/Subdomain
- Country
- Life Cycle Status
- Network
- Structure Type
- ESFRI Domain
- ESFRI Type
- MERIL Scientific Domain/Subdomain
- Area of Activity
- Societal Grand Challenges

- **Service Profile**

- Scientific Domain/Subdomain
- Category/Subcategory
- Target Users
- Access Type
- Access Mode
- Geographical Availability
- Language Availability
- Geographic Location
- TRL
- Life Cycle Status
- Funding Body
- Funding Program
- Order Type



# CatRIS

Catalogue of Research  
Infrastructure Services

Provider Profile Detailed



# Provider Profile

Code	Attribute Name	Example Value	Definition	Type	Multiplicity	Required	Public
<b>Basic Information</b>							
EPP.BAI.0	ID	openaire	A persistent identifier, a unique reference to the Provider in the context of the EOSC Portal.	String (max 30)	1	Mandatory	Yes
EPP.BAI.1	Name	Open Access Infrastructure for Research in Europe	Full Name of the Provider offering the resource and acting as main contact point.	String (max 100)	1	Mandatory	Yes
EPP.BAI.2	Abbreviation	OpenAIRE	Abbreviation or short name of the Provider.	String (max 30)	1	Mandatory	Yes
EPP.BAI.3	Website	<a href="https://www.openaire.eu">https://www.openaire.eu</a>	Webpage with information about the Provider.	URL	1	Mandatory	Yes
EPP.BAI.4	Legal Entity	Y	A Y/N question to define whether the Provider is a Legal Entity or not.	Boolean	1	Mandatory	Yes
EPP.BAI.5	Legal Status	Non-Profit Partnership (NPP)	Legal status of the Provider. The legal status is usually noted in the registration act/statutes. For independent legal entities (1) - legal status of the Provider. For embedded providers (2) - legal status of the hosting legal entity. It is also possible to select Not a legal entity.	List of controlled values	1	Optional	Yes



# Provider Profile

Marketing Information							
EPP.MRI.1	Description	OpenAIRE represents a pivotal phase in the long-term effort to implement and strengthen the impact of the Open Access policies of the European Commission, building on the achievements of the OpenAIRE projects. OpenAIRE support and accelerate Open Science and Scholarship, of which Open Access is of fundamental importance.	The description of the Provider.	String (max 1000)	1	Mandatory	Yes
EPP.MRI.2	Logo	<a href="https://www.openaire.eu/images/OpenAIRE_branding/Logo_Horizontal.png">https://www.openaire.eu/images/OpenAIRE_branding/Logo_Horizontal.png</a>	Link to the logo/visual identity of the Provider.	URL	1	Mandatory	Yes
EPP.MRI.3	Multimedia	<a href="https://vimeo.com/108790101">https://vimeo.com/108790101</a>	Link to video, slideshow, photos, screenshots with details of the Provider.	URL	Multiple	Optional	Yes

# Provider Profile

Classification Information							
EPP.CLI.1	Scientific Domain	Information Science and Technology	A named group of providers that offer access to the same type of resource or capabilities.	List of controlled values	Multiple	Optional	Yes
EPP.CLI.2	Scientific Subdomain	Complex Data Facilities	A named group of providers that offer access to the same type of resource or capabilities, within the defined domain.	List of controlled values	Multiple	Optional	Yes
EPP.CLI.3	Tags	Open data, open science, publications, research papers	Keywords associated to the Provider to simplify search by relevant keywords.	String (max 20)	Multiple	Optional	Yes
Location Information							
EPP.LOI.1	Street Name and Number	Christou Lada Str.	Street and Number of incorporation or Physical location of the Provider or its coordinating centre in the case of distributed, virtual, and mobile providers.	String (max 50)	1	Mandatory	Yes
EPP.LOI.2	Postal Code	10561	Postal code of incorporation or Physical location of the Provider or its coordinating centre in the case of distributed, virtual, and mobile providers.	String (max 20)	1	Mandatory	Yes
EPP.LOI.3	City	Athens	City of incorporation or Physical location of the Provider or its coordinating centre in the case of distributed, virtual, and mobile providers.	String (max 20)	1	Mandatory	Yes
EPP.LOI.4	Region	Attica	Region of incorporation or Physical location of the Provider or its coordinating centre in the case of distributed, virtual, and mobile providers.	String (max 50)	1	Optional	Yes
EPP.LOI.5	Country	Greece	Country of incorporation or Physical location of the Provider or its coordinating centre in the case of distributed, virtual, and mobile providers.	List of controlled values	1	Mandatory	Yes

# Provider Profile

Contact Information							
Main Contact/Provider Manager							
EPP.COI.1	First Name	Minos	First Name of the Provider's main contact person/Provider manager.	String (max 50)	1	Mandatory	No
EPP.COI.3	Email	minos@uniath.gr	Email of the Provider's main contact person/Provider manager.	Email	1	Mandatory	No
EPP.COI.4	Phone	302106355572	Phone of the Provider's main contact person/Provider manager.	String (max 20)	1	Optional	No
EPP.COI.5	Position	Coordinator	Position of the Provider's main contact person/Provider manager.	String (max 50)	1	Optional	No
Public Contact							
EPP.COI.6	First Name	Natalia	First Name of the Provider's contact person to be displayed at the portal.	String (max 20)	1	Optional	Yes
EPP.COI.7	Last Name	Pappa	Last Name of the Provider's contact person to be displayed at the portal.	String (max 20)	1	Optional	Yes
EPP.COI.8	Email	pappa@uniath.gr	Email of the Provider's contact person to be displayed at the portal or general email to contact Provider.	Email	1	Mandatory	Yes
EPP.COI.9	Phone	293084436	Phone of the provider's contact person to be displayed at the portal or general phone to contact Provider.	String (max 20)	1	Optional	Yes
EPP.COI.10	Position	Manager	Position of the Provider's contact person to be displayed at the portal.	String (max 50)	1	Optional	Yes

# Provider Profile

Maturity Information							
EPP.MTI.1	Life Cycle Status	Operational	Current status of the Provider/Research infrastructure life-cycle.	List of controlled values	1	Optional	Yes
EPP.MTI.2	Certifications	ISO-27001	List of certifications obtained for the Provider (including the certification body and any certificate number).	String (max 250)	Multiple	Optional	Yes



# Provider Profile

Other Information							
EPP.OTH.1	Hosting Legal Entity	OpenAIRE	Name of the organisation/institution legally hosting (housing) the provider/research infrastructure or its coordinating centre. A distinction is made between: (1) research infrastructures that are self-standing and have a defined and distinct legal entity, (2) research infrastructures that are embedded into another institution which is a legal entity (such as a university, a research organisation, etc.). If (1) - name of the research infrastructure, If (2) - name of the hosting organisation.	String (max 80)	1	Optional	Yes
EPP.OTH.2	Participating Countries	Germany, Italy, Poland, Switzerland, Portugal, Netherlands, Belgium, Norway, Uruguay	Providers/Research Infrastructures that are funded by several countries should list here all supporting countries (including the Coordinating country).	List of controlled values	Multiple	Optional	Yes
EPP.OTH.3	Affiliations	EGI, EUDAT, GEANT, OpenAIRE, etc	Providers that are members or affiliated or associated with other organisations should list those organisations here	String (max 30)	Multiple	Optional	Yes
EPP.OTH.4	Networks	Open Access Infrastructure for Research in Europe (OpenAIRE)	Select the networks the Provider is participating in.	List of controlled values	Multiple	Optional	Yes
EPP.OTH.5	Structure Type	Virtual	Defines the Provider structure type (single-sited, distributed, mobile, virtual, etc.)	List of controlled values	Multiple	Optional	Yes
EPP.OTH.6	ESFRI Domain	Data, Computing and Digital Research Infrastructures	ESFRI domain classification.	List of controlled values	Multiple	Optional	Yes
EPP.OTH.7	ESFRI Type	Not and ESFRI project or landmark	If the research infrastructure is (part of) an ESFRI project indicate how the RI participates: a) is a node of an ESFRI project, b) is an ESFRI project, c) is an ESFRI landmark, d) is not an ESFRI project or landmark.	List of controlled values	1	Optional	Yes
EPP.OTH.8	MERIL Scientific Domain	Humanities & Arts	MERIL scientific domain classification	List of controlled values	Multiple	Optional	Yes
EPP.OTH.9	MERIL Scientific Subdomain	Collections	MERIL scientific subdomain classification	List of controlled values	Multiple	Optional	Yes
EPP.OTH.10	Areas of Activity	Other	Basic research, Applied research or Technological development	List of controlled values	Multiple	Optional	Yes
EPP.OTH.11	Societal Grand Challenges	Other	Provider's participation in the grand societal challenges as defined by the European Commission	List of controlled values	Multiple	Optional	Yes
EPP.OTH.12	National Roadmaps	No	Provider being part of a national roadmap for research infrastructures	String (max 80)	Multiple	Optional	Yes



# CatRIS

Catalogue of Research  
Infrastructure Services

Service Profile Detailed



# Service Profile

Code	Attribute Name	Example Value	Definition	Type	Multiplicity	Required	Public
<b>Basic Information</b>							
ERP.BAI.0	ID	openaire.zenodo	A persistent identifier, a unique reference to the Resource in the context of the EOSC Portal.	String (max 30)	1	Mandatory (Assigned by the EOSC Portal)	Yes
ERP.BAI.1	Name	B2DROP	Brief and descriptive name of Resource as assigned by the Provider.	String (max 80)	1	Mandatory	Yes
ERP.BAI.2	Resource Organisation	OpenAIRE	The name (or abbreviation) of the organisation that manages or delivers the resource, or that coordinates resource delivery in a federated scenario.	Provider ID	1	Mandatory (Filled in by the EOSC Portal)	Yes
ERP.BAI.3	Resource Providers	CERN, GRNET	The name(s) (or abbreviation(s)) of Provider(s) that manage or deliver the Resource in federated scenarios.	Provider IDs	Multiple	Optional	Yes
ERP.BAI.4	Webpage	http://Resource-name.Provider.eu	Webpage with information about the Resource usually hosted and maintained by the Provider.	URL	1	Mandatory	Yes

# Service Profile

## Marketing Information

ERP.MRI.1	Description	B2SHARE is a user-friendly, reliable and trustworthy service that allows to store and share worldwide small-scale research data, results and metadata from diverse contexts and guarantees their long-term persistence. For the communities who need to guard against data loss, B2SAFE is a customer facing service that allow data replication and safe storage between geographically distributed centres in the EUDAT CDI. 900+ data Providers in Europe with different compatibility levels. Adoption in Latin America and Japan.	A high-level description in fairly non-technical terms of a) what the Resource does, functionality it provides and Resources it enables to access, b) the benefit to a user/customer delivered by a Resource; benefits are usually related to alleviating pains (e.g., eliminate undesired outcomes, obstacles or risks) or producing gains (e.g. increased performance, social gains, positive emotions or cost saving), c) list of customers, communities, users, etc. using the Resource.	String (max 1000)	1	Mandatory	Yes
ERP.MRI.2	Tagline	Store, share and access your files and their metadata on a global scale	Short catch-phrase for marketing and advertising purposes. It will be usually displayed close to the Resource name and should refer to the main value or purpose of the Resource.	String (max 100)	1	Mandatory	Yes
ERP.MRI.3	Logo	<a href="https://Resource-name.Resource-Provider.eu/Symbol.jpg">https://Resource-name.Resource-Provider.eu/Symbol.jpg</a>	Link to the logo/visual identity of the Resource. The logo will be visible at the Portal. If there is no specific logo for the Resource the logo of the Provider may be used.	URL	1	Mandatory	Yes
ERP.MRI.4	Multimedia	<a href="http://Resource-name.Resource-Provider.eu/Multimedia">http://Resource-name.Resource-Provider.eu/Multimedia</a>	Link to video, screenshots or slides showing details of the Resource.	URL	Multiple	Optional	Yes
ERP.MRI.5	Use Cases	<a href="https://zenodo.org/record/1490344#.XfR8p_yxWUk">https://zenodo.org/record/1490344#.XfR8p_yxWUk</a>	Link to use cases supported by this Resource.	URL	Multiple	Optional	Yes



# Service Profile

## Classification Information

ERP.CLI.1	<b>Scientific Domain</b>	Natural Sciences	The branch of science, scientific discipline that is related to the Resource.	List of controlled values	Multiple	Mandatory	Yes
ERP.CLI.2	<b>Scientific Subdomain</b>	Biological sciences	The subbranch of science, scientific subdiscipline that is related to the Resource.	List of controlled values	Multiple	Mandatory	Yes
ERP.CLI.3	<b>Category</b>	Aggregators & Integrators	A named group of Resources that offer access to the same type of Resource or capabilities.	List of controlled values	Multiple	Mandatory	Yes
ERP.CLI.4	<b>Subcategory</b>	Software & Data	A named group of Resources that offer access to the same type of Resource or capabilities, within the defined Resource category	List of controlled values	Multiple	Mandatory	Yes
ERP.CLI.5	<b>Target Users</b>	Researchers, Research group, Research community, Research project, Research manager, Research organization, Innovators, Business	Type of users/customers that commissions a Provider to deliver a Resource.	List of controlled values	Multiple	Mandatory	Yes
ERP.CLI.6	<b>Access Type</b>	Virtual	The way a user can access the Resource (Remote, Physical, Virtual, etc.)	List of controlled values	Multiple	Optional	Yes
ERP.CLI.7	<b>Access Mode</b>	Excellence-based, peer reviewed	Eligibility/criteria for granting access to users (excellence-based, free-conditionally, free etc.)	List of controlled values	Multiple	Optional	Yes
ERP.CLI.8	<b>Tags</b>	Open Science, data, dataset, data archive, library, repository	Keywords associated to the Resource to simplify search by relevant keywords.	String (max 50)	Multiple	Optional	Yes

# Service Profile

## Geographical and Language Availability Information

ERP.GLA.1	Geographical Availability	World	Locations where the Resource is offered.	List of controlled values	Multiple	Mandatory	Yes
ERP.GLA.2	Language Availability	English	Languages of the (user interface of the) Resource.	List of controlled values	Multiple	Mandatory	Yes

## Resource Location Information

ERP.RLI.01	Resource Geographic Location	Germany	List of geographic locations where data, samples, etc. are stored and processed	List of controlled values	Multiple	Optional	
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# Service Profile

## Contact Information

Main Contact/Resource Owner							
ERP.COI.1	First Name	John	First Name of the Resource's main contact person/manager.	String (max 20)	1	Mandatory	No
ERP.COI.2	Last Name	Smith	Last Name of the Resource's main contact person/manager.	String (max 20)	1	Mandatory	No
ERP.COI.3	Email	john.smith@example.com	Email of the Resource's main contact person/manager.	Email	1	Mandatory	No
ERP.COI.4	Phone	3021077755500	Telephone of the Resource's main contact person/manager.	String (max 20)	1	Optional	No
ERP.COI.5	Position	Coordinator	Position of the Resource's main contact person/manager.	String (max 20)	1	Optional	No
ERP.COI.6	Organisation	Open Access Infrastructure for Research in Europe	The organisation to which the contact is affiliated	String (max 50)	1	Optional	No
Public Contact							
ERP.COI.7	First Name	Jack	First Name of the Resource's contact person to be displayed at the portal.	String (max 20)	1	Optional	Yes
ERP.COI.8	Last Name	White	Last Name of the Resource's contact person to be displayed at the portal.	String (max 20)	1	Optional	Yes
ERP.COI.9	Email	jack.white@example.com	Email of the Resource's contact person or a generic email of the Provider to be displayed at the portal.	Email	1	Mandatory	Yes
ERP.COI.10	Phone	3021077755501	Telephone of the Resource's contact person to be displayed at the portal.	String (max 20)	1	Optional	Yes
ERP.COI.11	Position	Manager	Position of the Resource's contact person to be displayed at the portal.	String (max 20)	1	Optional	Yes
ERP.COI.12	Organisation	Open Access Infrastructure for Research in Europe	The organisation to which the contact is affiliated	String (max 50)	1	Optional	Yes
Other Contacts							
ERP.COI.13	Helpdesk Email	helpdesk@Provider.com	The email to ask more information from the Provider about this Resource.	Email	1	Mandatory	Yes
ERP.COI.14	Security Contact Email	secutiry@Provider.com	The email to contact the Provider for critical secutiry issues about this Resource.	Email	1	Mandatory	No

# Service Profile

## Maturity Information

ERP.MTI.1	Technology Readiness Level	TRL8	The Technology Readiness Level of the Resource (to be further updated in the context of the EOSC).	List of controlled values	1	Mandatory	Yes
ERP.MTI.2	Life Cycle Status	Production	Phase of the Resource life-cycle.	List of controlled values	1	Optional	Yes
ERP.MTI.3	Certifications	Certificate of Excellence in Research Infrastructure Leadership	List of certifications obtained for the Resource (including the certification body).	String (max 100)	Multiple	Optional	Yes
ERP.MTI.4	Standards	ISO 15430, ISO 27000	List of standards supported by the Resource.	String (max 100)	Multiple	Optional	Yes
ERP.MTI.5	Open Source Technologies	Liferay	List of open source technologies supported by the Resource.	String (max 100)	Multiple	Optional	Yes
ERP.MTI.6	Version	3.1	Version of the Resource that is in force.	String (max 10)	1	Optional	Yes
ERP.MTI.7	Last Update	2/28/2018	Date of the latest update of the Resource.	Date (dd/mm/yyyy)	1	Optional	Yes
ERP.MTI.8	Change Log	Upgrade of user interface. Correction of minor bugs.	Summary of the Resource features updated from the previous version.	String (max 1000)	Multiple	Optional	Yes



# Service Profile

Dependencies Information							
ERP.DEI.1	Required Resources	List of Resource IDs	List of other Resources required to use this Resource.	Resource IDs	Multiple	Optional	Yes
ERP.DEI.2	Related Resources	List of Resource IDs	List of other Resources that are commonly used with this Resource.	Resource IDs	Multiple	Optional	Yes
ERP.DEI.3	Related Platforms	DISVIS	List of suites or thematic platforms in which the Resource is engaged or Providers (Provider groups) contributing to this Resource.	String (max 50)	Multiple	Optional	Yes
Attribution Information							
ERP.ATI.1	Funding Body	European Commission	Name of the funding body that supported the development and/or operation of the Resource.	List of controlled values	Multiple	Optional	Yes
ERP.ATI.2	Funding Program	Horizon 2020	Name of the funding program that supported the development and/or operation of the Resource.	List of controlled values	Multiple	Optional	Yes
ERP.ATI.3	Grant/Project Name	OpenAIRE2020 (643410)	Name of the project that supported the development and/or operation of the Resource.	String (max 100)	Multiple	Optional	Yes

# Service Profile

Management Information							
ERP.MGI.1	Helpdesk Page	<a href="http://Resource-name.Resource-Provider.eu/Helpdesk">http://Resource-name.Resource-Provider.eu/Helpdesk</a>	The URL to a webpage to ask more information from the Provider about this Resource.	URL	1	Optional	Yes
ERP.MGI.2	User Manual	<a href="http://Resource-name.provider.eu/UserManual">http://Resource-name.provider.eu/UserManual</a>	Link to the Resource user manual and documentation.	URL	1	Optional	Yes
ERP.MGI.3	Terms Of Use	<a href="http://Resource-name.provider.eu/TermsOfUse">http://Resource-name.provider.eu/TermsOfUse</a>	Webpage describing the rules, Resource conditions and usage policy which one must agree to abide by in order to use the Resource.	URL	1	Optional	Yes
ERP.MGI.4	Privacy Policy	<a href="http://Resource-name.provider.eu/PrivacyPolicy">http://Resource-name.provider.eu/PrivacyPolicy</a>	Link to the privacy policy applicable to the Resource.	URL	1	Optional	Yes
ERP.MGI.5	Access Policy	PRACE provides HPC Resources to researchers and scientists from academia and industry through Preparatory Access (code scaling and optimization) and/or through Project Access (large-scale, computationally intensive projects) <a href="http://www.prace-ri.eu/hpc-access">http://www.prace-ri.eu/hpc-access</a>	Information about the access policies that apply.	URL	1	Optional	Yes
ERP.MGI.6	Service Level	<a href="http://Resource-name.Provider.eu/SLA">http://Resource-name.Provider.eu/SLA</a>	Webpage with the information about the levels of performance that a Provider is expected to deliver.	URL	1	Optional	Yes
ERP.MGI.7	Training Information	<a href="http://Resource-name.Provider.eu/Training">http://Resource-name.Provider.eu/Training</a>	Webpage to training information on the Resource.	URL	1	Optional	Yes
ERP.MGI.8	Status Monitoring	<a href="http://Resource-name.Provider.eu/Monitoring">http://Resource-name.Provider.eu/Monitoring</a>	Webpage with monitoring information about this Resource	URL	1	Optional	Yes
ERP.MGI.9	Maintenance	<a href="http://Resource-name.Provider.eu/Maintenance">http://Resource-name.Provider.eu/Maintenance</a>	Webpage with information about planned maintenance windows for this Resource	URL	1	Optional	Yes

# Service Profile

## Access and Order Information

ERP.AOI.1	Order Type	Free	Information on the order type (requires an ordering procedure, or no ordering and if fully open or requires authentication)	List of controlled values	1	Mandatory	Yes
ERP.AOI.2	Order	<a href="https://gts.geant.net/login">https://gts.geant.net/login</a>	Webpage through which an order for the Resource can be placed	URL	1	Optional	Yes

## Financial Information

ERP.FNI.1	Payment Model	<a href="http://Resource-name.Provider.eu/PaymentModel">http://Resource-name.Provider.eu/PaymentModel</a>	Webpage with the supported payment models and restrictions that apply to each of them	URL	1	Optional	Yes
ERP.FNI.2	Pricing	<a href="http://Resource-name.Provider.eu/Price">http://Resource-name.Provider.eu/Price</a>	Webpage with the information on the price scheme for this Resource in case the customer is charged for.	URL	1	Optional	Yes



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Infrastructure Services

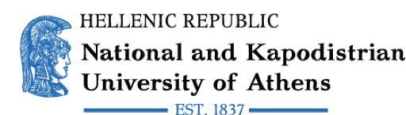
## Thank you for your attention!

## Q&A



# Partnership

- European Science Foundation (ESF)
- European Future Innovation System Centre
- JNP Strategy and Management Consulting
- National Kapodistrian University of Athens
- National Hellenic Research Foundation – National Documentation Centre
- EurOcean Foundation
- Core Technologies for Life Science Association







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