

The EOSC Portal



with



The EOSC Future, C-SCALE, DICE, EGI-ACE, OpenAIRE-Nexus, Reliance and ARCHIVER projects are funded by the European Union Horizon Programme calls INFRAEOSC-03-2020 and INFRAEOSC-07-2020 and H2020-ICT-2018-20





Outline

- **Intro to the EOSC Portal**
Mark Dietrich, EGI Foundation
- **Resource Catalogue**
Paolo Manghi, OpenAIRE
- **Marketplace**
Roksana Wilk, Cyfronet
- **Onboarding how-to**
Matthew Viljoen, EGI
- **Providers Portal**
George Papastefanatos, ATHENA RC
- **EOSC Profiles and Automated Updates**
Mark Dietrich, EGI Foundation
- Q&As

Intro to the EOSC Portal


Mark Dietrich, EGI Foundation

mark.dietrich@egi.eu




EOSC Portal Introduction

[Contact us](#) [Portal Home](#) [Catalogue & Marketplace](#) [Providers Dashboard](#) [Providers Documentation](#) [Login](#)

 **EUROPEAN OPEN
SCIENCE CLOUD**

All resour... ▾



[My EOSC Marketplace](#)

Welcome to the EOSC Portal Catalogue and Marketplace


Integrated platform that allows easy access to lots of resources for various research domains along with integrated data analytics tools. Browse by scientific domain, resource category or provider and, if you need help, we are here for you!

Find EOSC Resources that suit your use case yourself

→ [Browse through catalogue](#)

Describe your use case and get support from our experts

→ [Go to your projects](#)




EOSC Catalogue and Marketplace

Free format text
search

Filters:

- Type of resource
- Domain
- Target groups
- Providers
- ...

[Contact us](#) [Portal Home](#) [Catalogue & Marketplace](#) [Providers Dashboard](#) [Providers Documentation](#) [Mark Dietrich](#) [Logout](#)



All resour... ▾ 🔍

[My EOSC Marketplace ▾](#)

[🏠](#) > [Resources](#)

All Resources 316

CATEGORIES


Access physical & eInfrastructures	76
Aggregators & Integrators	24
Processing & Analysis	131
Security & Operations	27
Sharing & Discovery	85
Training & Support	30
Other	11

FILTERS

Scientific Domains ^

<input type="checkbox"/> Generic	149
<input type="checkbox"/> Generic	149
<input type="checkbox"/> Natural Sciences	97

Resources

 SUGGESTED

IFCA-CSIC Cloud Infrastructure
IFCA-CSIC Infrastructure as a Service Cloud

Organisation: [Institute of Physics ...](#)

Early Holocaust Testimony
Digital Edition


Organisation: [European Holocaust Re...](#)

Dissemin
Spot your own paywalled papers. Liberate them in one click.

Organisation: [Committee for the Acc...](#)

1-10 of 316 results Sort by: [by name A-Z](#) ▾ 10 20 30 Items on page

100 Percent IT Trusted Cloud

 ORDER REQUIRED



3 Main Resource Types

Services

- Compute
- Storage
- Data Transfer
- General analysis tools (Notebooks)
- Domain specific tools

Collections of Research Products

Training Tools

All Resources

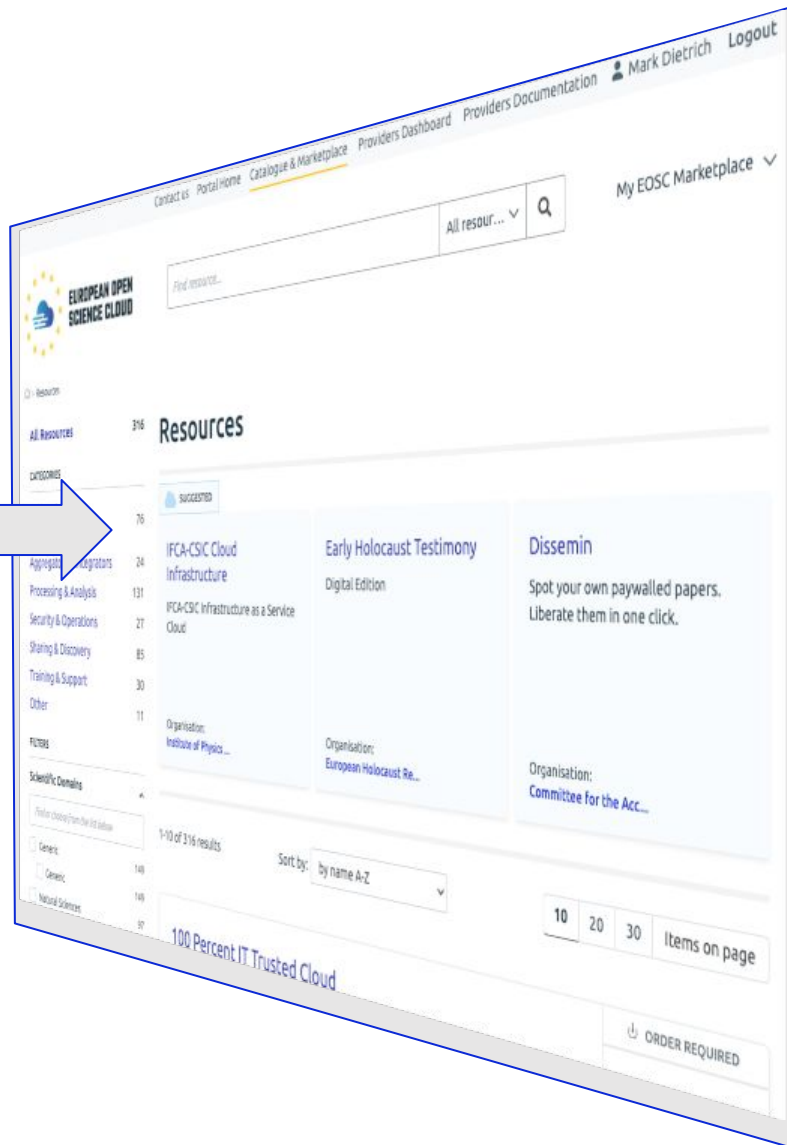
316

CATEGORIES

Access physical & eInfrastructures	76
Aggregators & Integrators	24
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Training & Support	30
Other	11

EOSC Resource Catalogue works behind the scenes...

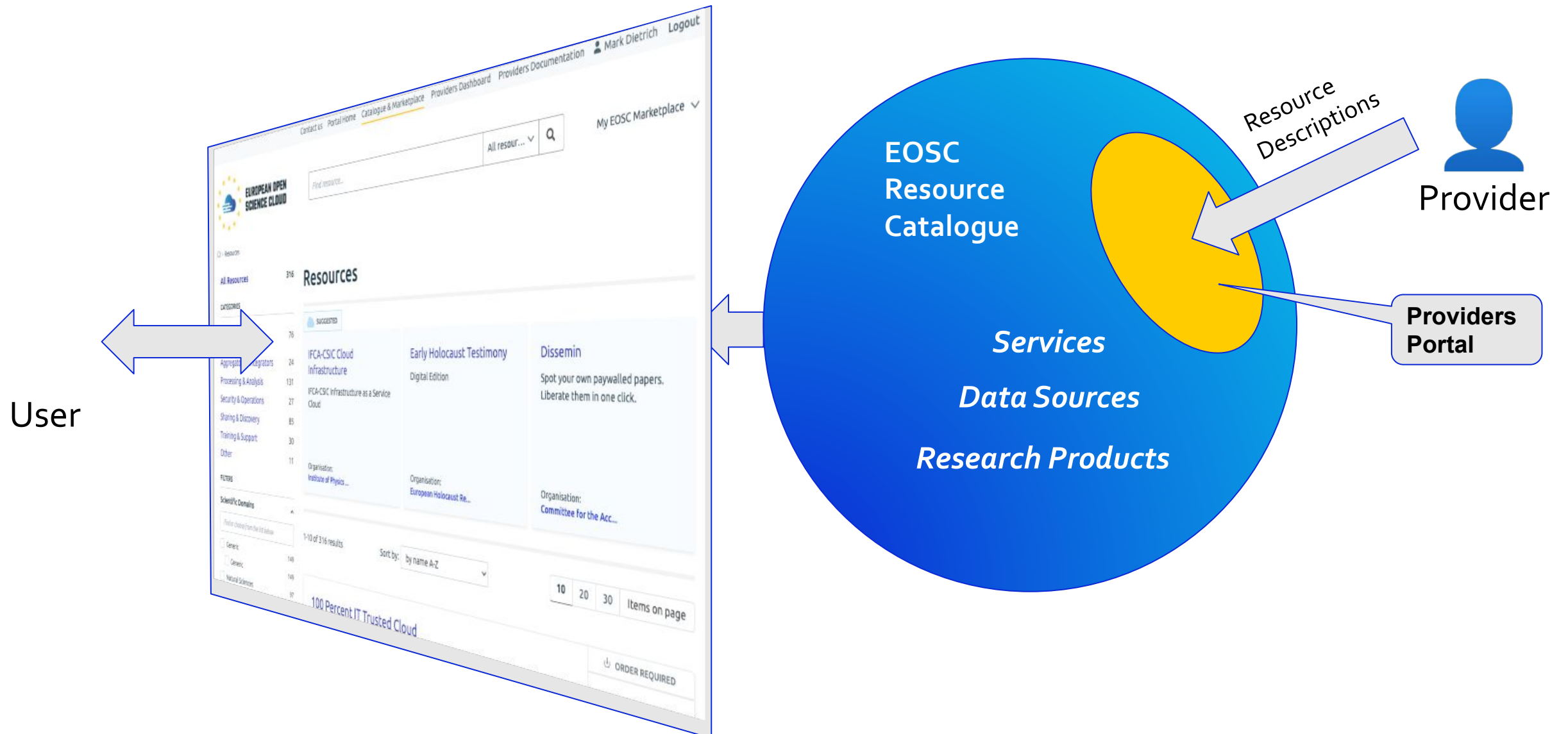
User



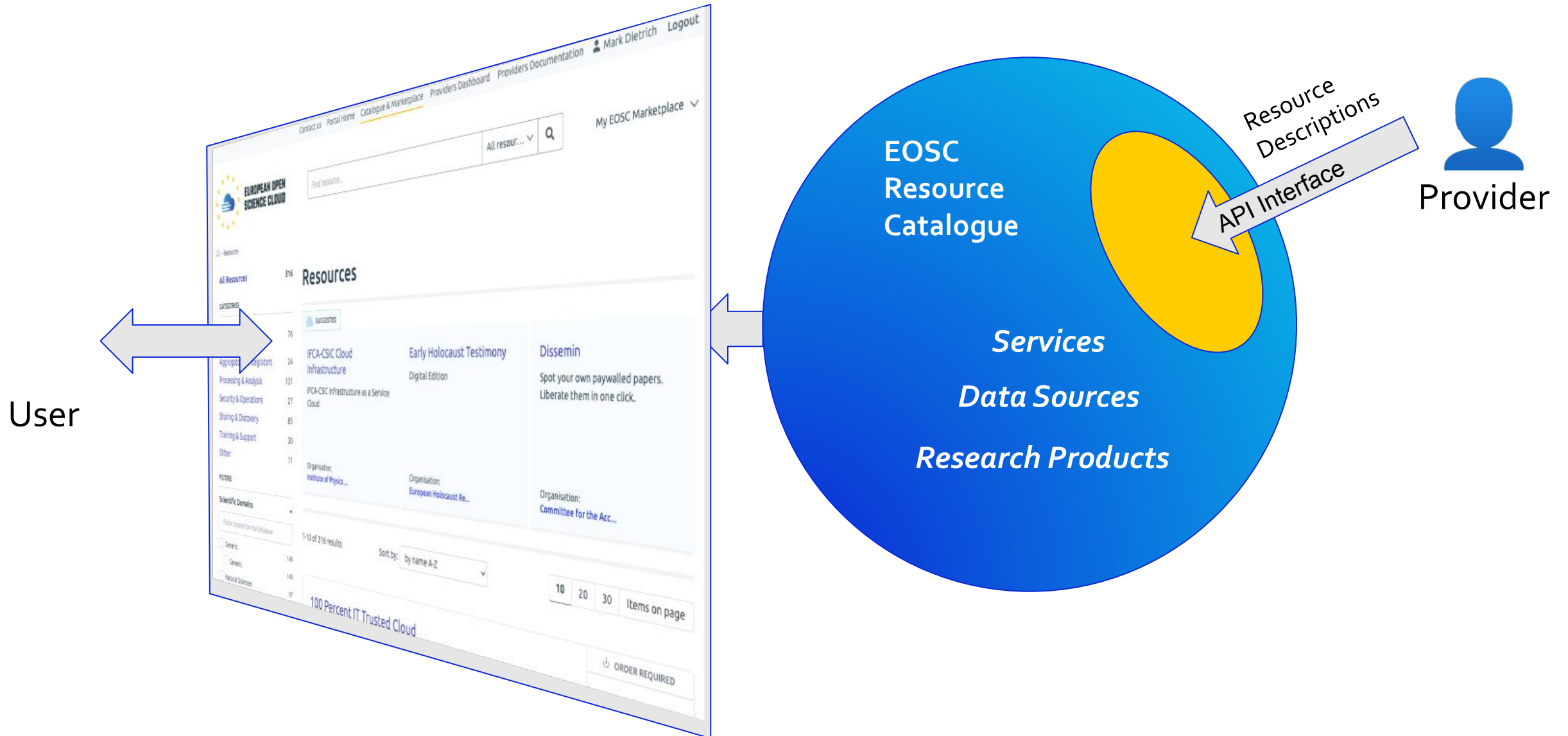
**EOSC
Resource
Catalogue**

Services
Data Sources
Research Products

Resource Records loaded manually by Providers

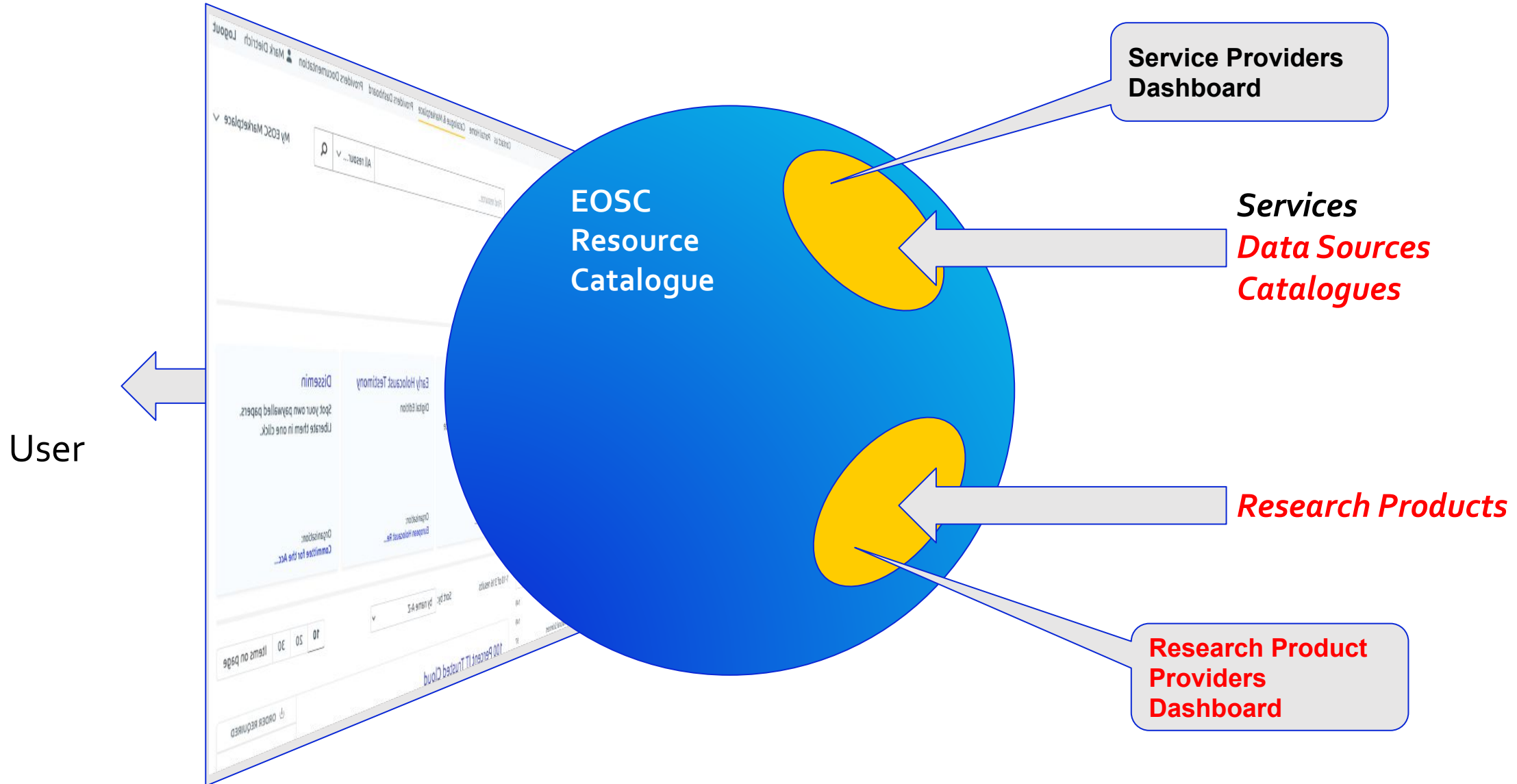


... or Resource Records can be uploaded using APIs

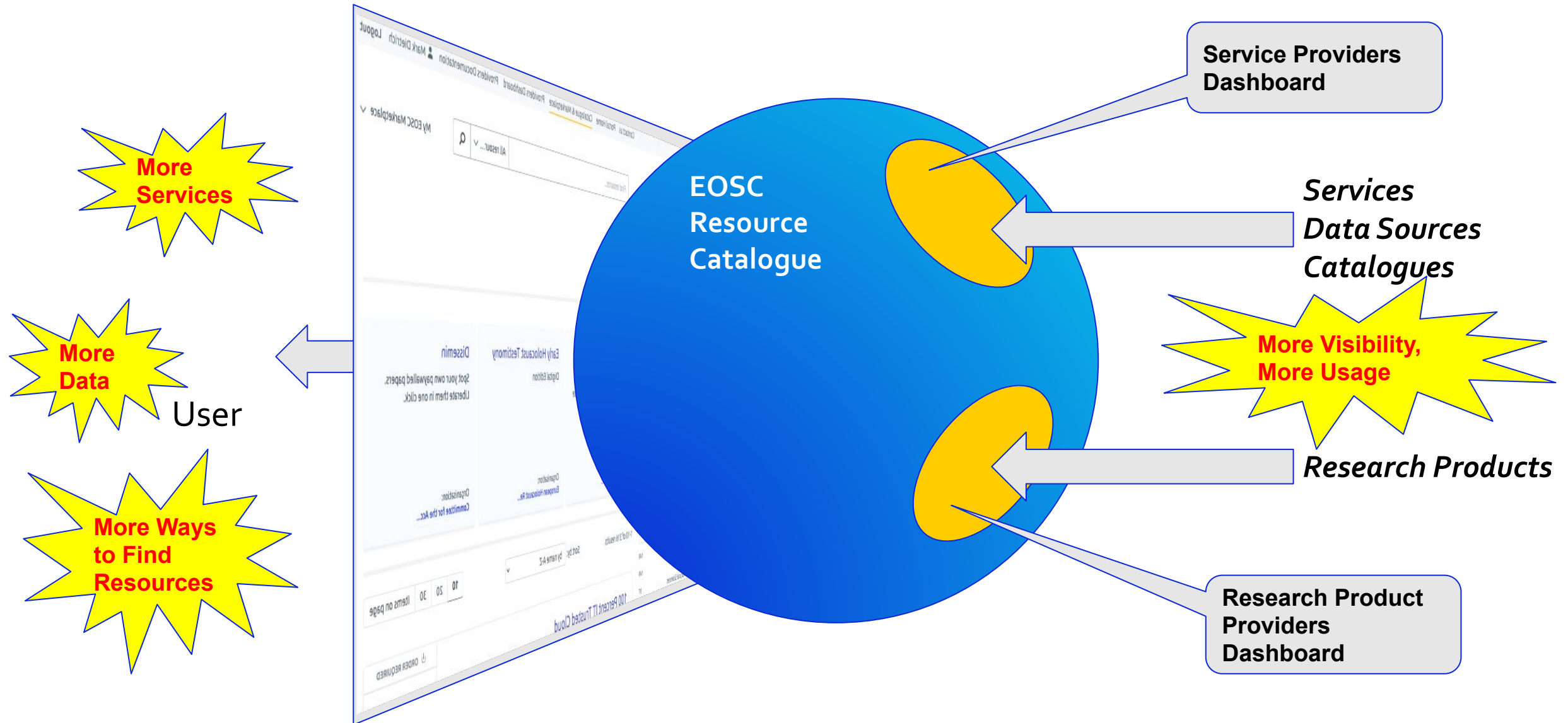


Future **changes*** (mostly behind the scenes)

* coming in June and September – more info coming soon!



Benefits...



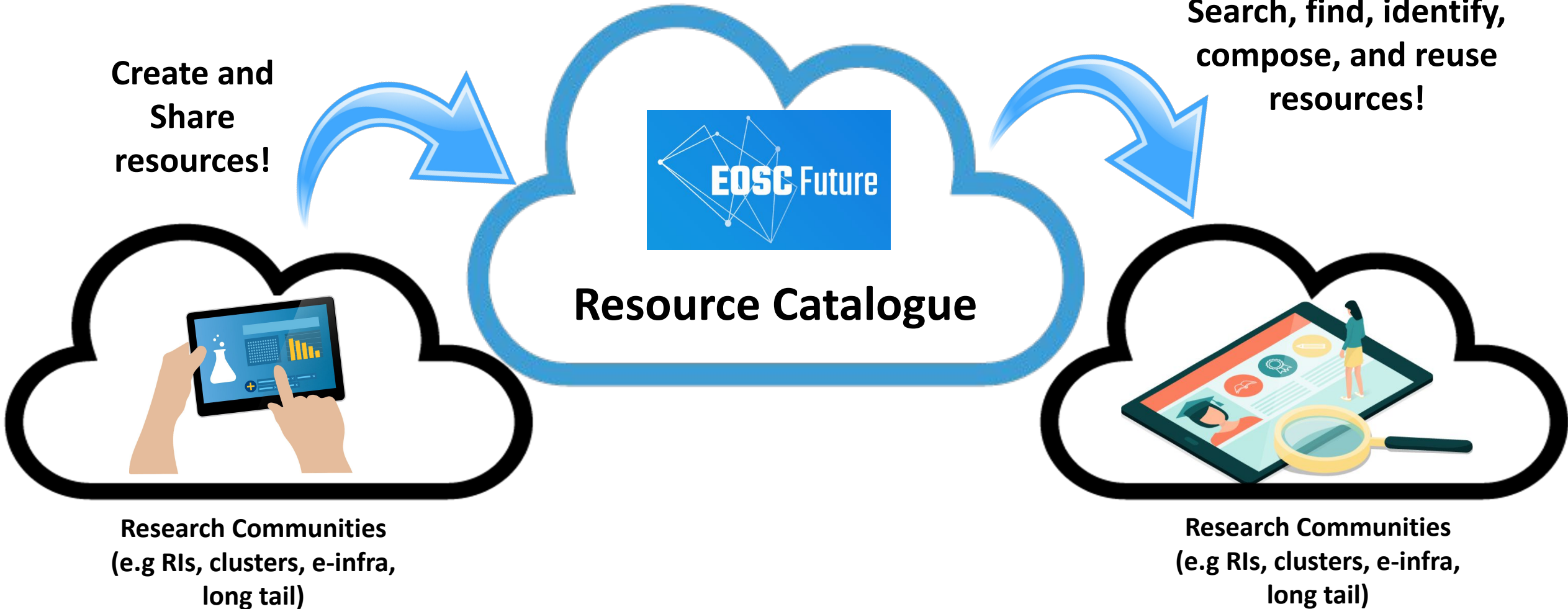
The EOSC Resource Catalogue

Paolo Manghi, OpenAIRE



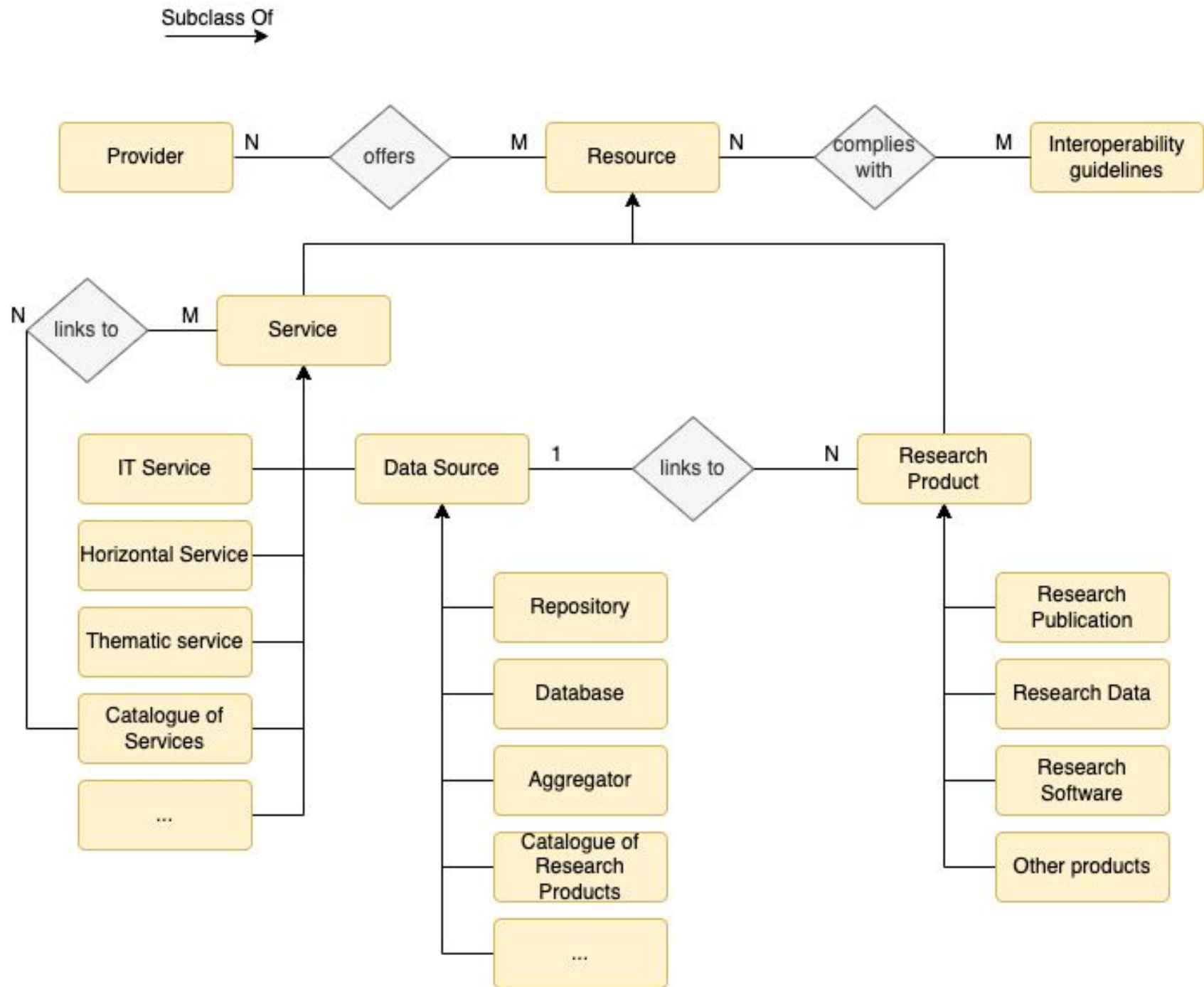
Resource Catalogue concept

Create and
Share
resources!



Search, find, identify,
compose, and reuse
resources!

EOSC Catalogue Data Model



Providers and Services and data sources

The screenshot displays the European Open Science Cloud (EOSC) interface. At the top, the EOSC logo is visible. Below it, a search bar contains the text "EGI Cloud Compute". To the right of the search bar, there is a dropdown menu labeled "All resour..." and a magnifying glass icon. Further right, the text "My EOSC Marketplace" is displayed.

The main content area shows the search results for "Zenodo". The search bar now contains the text "Zenodo". The breadcrumb navigation path is: Resources > Aggregators & Integrators > Aggregators & Integrators > Data > Zenodo.

The Zenodo resource page is displayed. It features the Zenodo logo, a description: "A catch-all repository", and the organization: "OpenAIRE". The page shows a rating of 0.0/5 with 0 reviews. There are links to "Add to comparison" and "Add to favourites". A blue button labeled "Access the resource" is present. Below the button, it says "OPEN ACCESS".

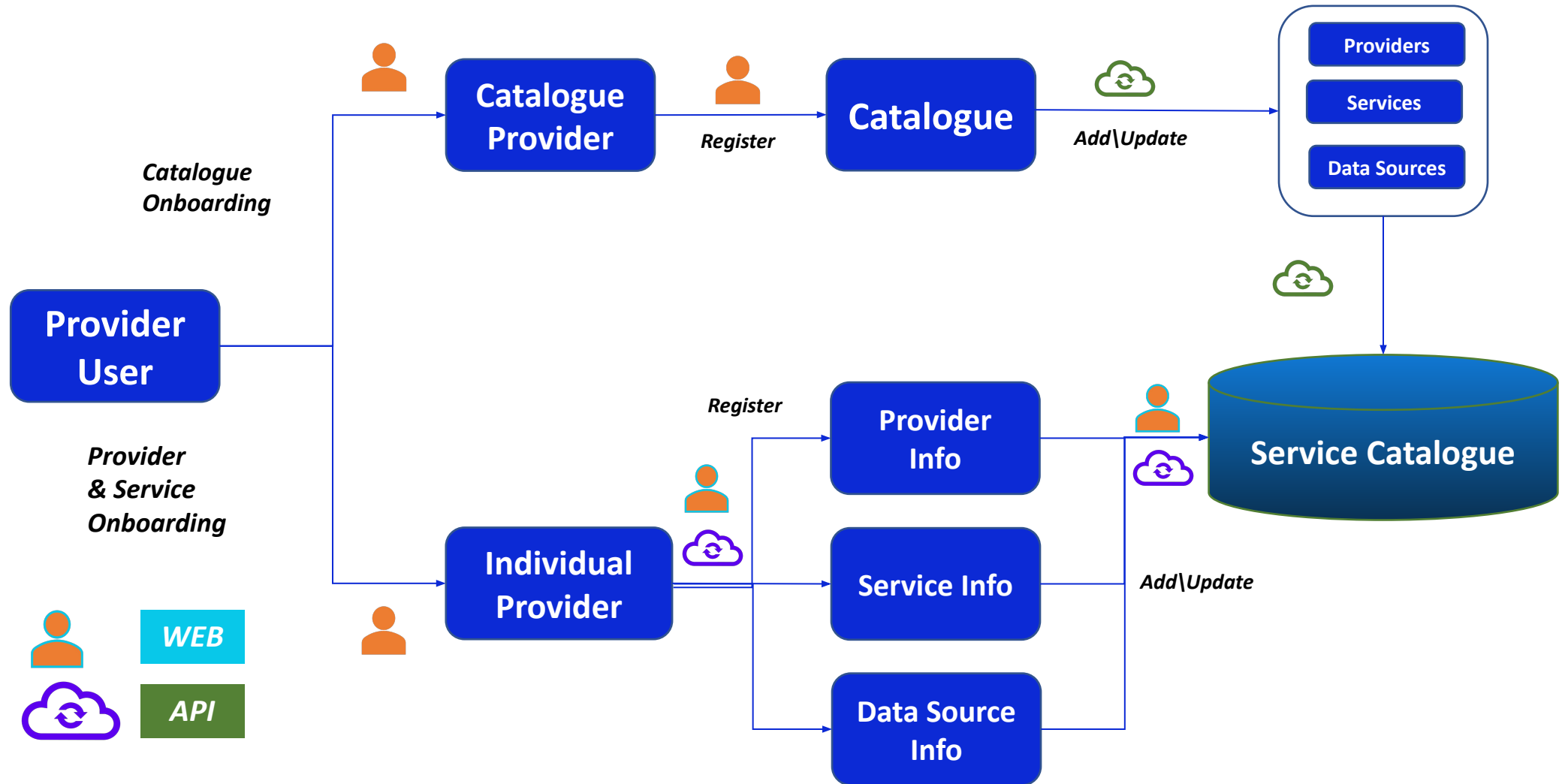
At the bottom of the page, there is a section titled "SCIENTIFIC CATEGORISATION" with a "Generic" category icon.

On the left side of the screenshot, there is a sidebar for the "geohazards" platform. It includes a logo, a description, and tabs for "ABOUT", "DETAILS", and "REVIEWS". The description mentions "The Geohazards Exploitation Platform (GE) primary focus on mapping hazard prone areas and can help users integrate their own data from the ERS and ENVISAT missions as well as provides access to optical data such as the Landsat 8 missions. The GE also provides advanced services including advanced InSAR chains based on Persistent Scatterer Interferometry (PSI) and Cloud Compute gives you the ability to run your workflows in a secure and isolated environment. Cloud compute offers the possibility to run your workflows from a catalogue replicated in multiple locations (both batch and interactive) for a faster execution and development."

TERRAUE



EOSC Services onboarding



Research Products (from September 2022)

The diagram illustrates the flow of research products from publications to datasets and software, and their deposition in Zenodo. It features three main components: a publication page, a dataset page, and a software page, all of which are linked to a Zenodo repository page.

Publication Page (Left): Titled "Analyzing Twitter Data" by Shamanth Kumar, Fred Morstatter, and Huan Liu, published in 2013 by Cambridge University Press. It includes a summary, abstract, and persistent identifiers (DOI: 10.1017/cbo9781316182635.003, 10.1007/978-1-4614-9372-3_4).

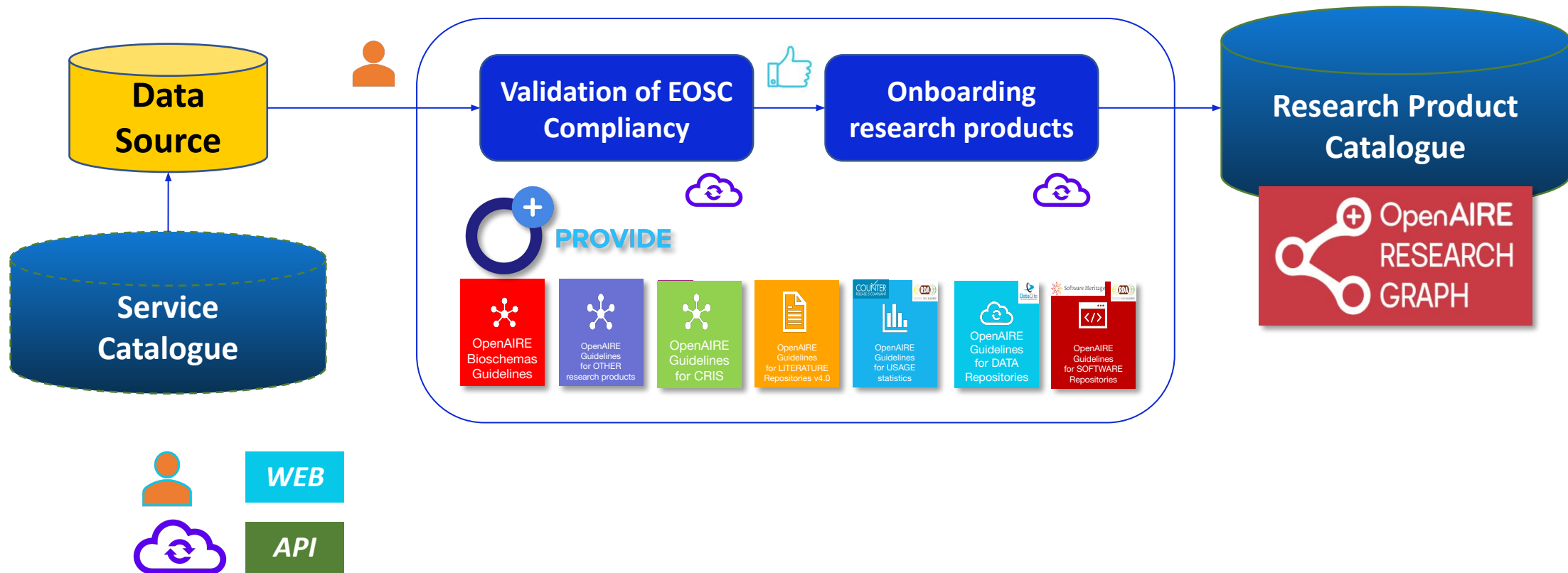
Dataset Page (Top Right): Titled "Twitter-based population mobility and COVID-19 forecasting in South Carolina R-script and data" by Zeng, Mengbo; and Mendeley, published on 08 Mar 2021. It includes a summary, abstract, and persistent identifiers (DOI: 10.17632/68chg6cch, 10.17632/68chg6cch.1).

Software Page (Bottom Left): Titled "twitterscraper software on GitHub" by Zeng, Mengbo; and Mendeley, published on 08 Mar 2021. It includes a summary, abstract, and persistent identifiers (DOI: 10.17632/68chg6cch, 10.17632/68chg6cch.1).

Zenodo Page (Bottom Right): A catch-all repository for research products, featuring a search bar, a list of resources, and a detailed view of a resource. The Zenodo page includes a summary, abstract, and persistent identifiers (DOI: 10.17632/68chg6cch, 10.17632/68chg6cch.1).

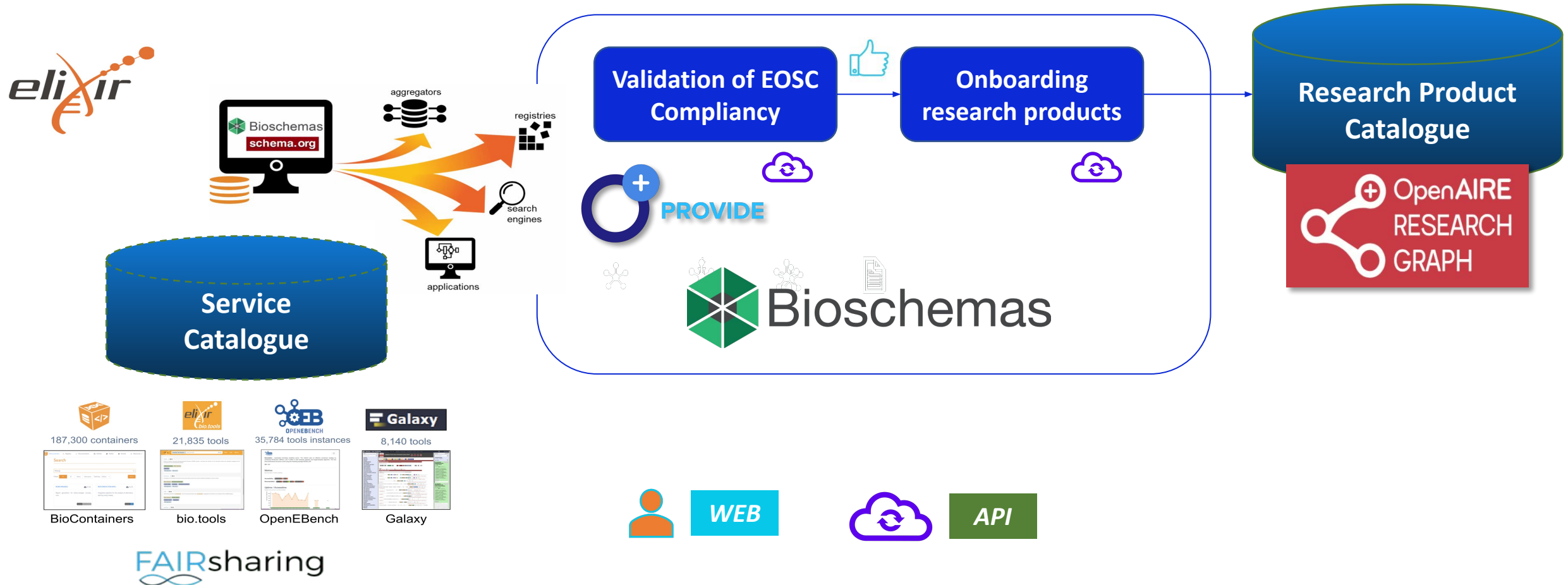
Flow: Arrows indicate the flow of research products from the publication page to the dataset page, from the dataset page to the software page, and from both the dataset and software pages to the Zenodo page.

EOSC Research Product onboarding (OpenAIRE PROVIDE)



Extending the EOSC Interoperability Guidelines for research products with community schemas/models

- Add research product metadata guidelines as defined by communities to the EOSC/OpenAIRE guidelines battery

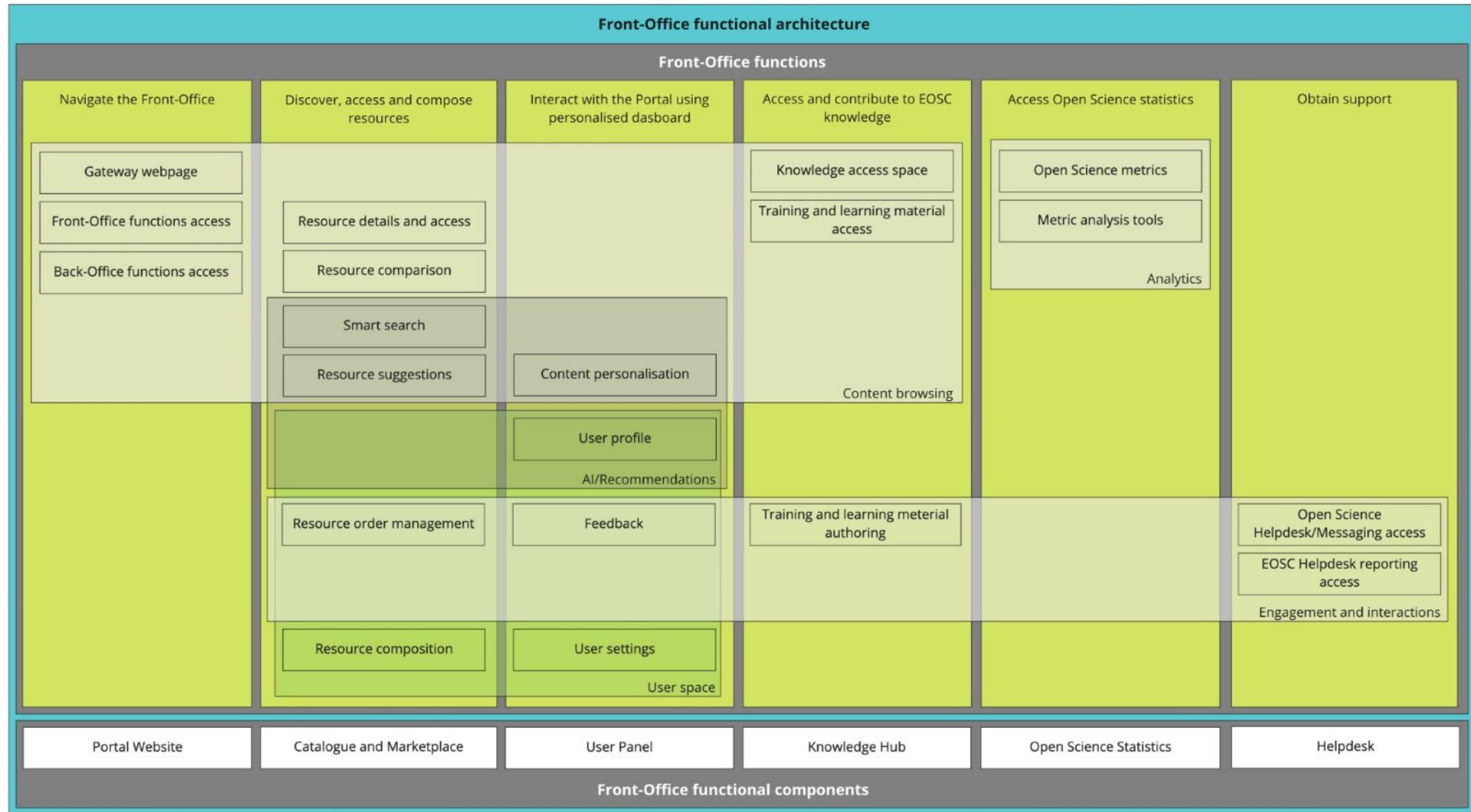


The EOSC Marketplace

Roksana Wilk, Cyfronet



More than a Marketplace





Front-Office scope functions and features

Function	Features
Navigate the Front-Office	<ul style="list-style-type: none">• EOSC Platform gateway webpage• Front-Office capabilities• Back-Office capabilities
Discover, access and combine resources	<ul style="list-style-type: none">• Smart search user interface• Personalised resource suggestions• Resource comparison• Provider/resource details and access pages• Resource ordering and order management• User space for combining resources
Interact with the Front-Office using a personalised dashboard	<ul style="list-style-type: none">• User profile• User settings• Personalised content• User space access• Feedback mechanisms
Access and contribute to EOSC skills and training materials	<ul style="list-style-type: none">• Landing page for knowledge access• Skills and training materials access• Skills and training materials authoring
Access Open Science statistics	<ul style="list-style-type: none">• Open Science metrics• Graphical metric analysis tools
Obtain support	<ul style="list-style-type: none">• Open Science helpdesk/messaging access• EOSC Core Helpdesk reporting access

Benefits for Researchers

Automated service order delivery mechanisms integrated by various providers

Integrated information about resource popularity, availability and usage

Guidance through the compatibility of various types of resources

Skills and training modules

Your EOSC dashboard as a space for personalised suggestions, profile management and feedback

Customisable AI-based recommendations for various types of resources

Researchers helpdesk to support learning Open Science practices

New types of EOSC resources (datasets, publications, software, etc.)

More understanding of resources with better structured metadata models

Smart search and discovery mechanisms, enhanced catalogue and marketplace functionalities


Statistics to monitor Open Science evolution



New: User panel

- **Access User profile** – view, edit data about the user
- **Manage User settings** - customise the panel to the User's needs
- **Access EOSC-managed items** - helps User to discover, learn, acquire, manage and combine items
- **Provide feedback** - allows the User to rate items (both positively and negatively)
- **View collaboration history** - with other EOSC users, projects or research groups

New: User Panel (mockup)



Navigation

Your EOSC dashboard

Recommended resources Browse recommended resources (20)

Ads
★★★★★ (3)
A comprehensive and collaborative environment to collect, harmonize and analyse fisheries and stock data.
Organisation: BlueBRIDGE

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Organisation: BlueBRIDGE

Summary
12 Projects 10 resources
You are interested in:
Cloud Computing, Natural Sciences and 5 more

Recommended publications Browse recommended publications (12)

Evaluation der Knochenarchitektur im steroid-induzierten Osteoporosemodell der Ratte mittels Mikro-CT
Published: 01 Jan 2013
OPEN ACCESS GERMAN

Evaluation der Knochenarchitektur im steroid-induzierten Osteoporosemodell der Ratte mittels Mikro-CT
Published: 01 Jan 2013
OPEN ACCESS GERMAN

Evaluation der Knochenarchitektur im steroid-induzierten Osteoporosemodell der Ratte mittels Mikro-CT
Published: 01 Jan 2013
OPEN ACCESS GERMAN

Stay updated Show all
INFO
EGI Cloud resource waiting for your opinion
PROJECT
You have new message in your Test project
NEW PUBLICATION
New publication Imagem por ressonância magnética das articulações... has been showed.
MARKETPLACE
We have added new category - Awesome

Popular articles
EOSC Association looks for staff: four positions open
The EOSC Association is looking to expand its operational staff in Belgium and are accepting applications for four new positions which will play a key part in contributing to the growth of the Association and the implementation phase of EOSC.
09 Jul 2021

New services coming up to EOSC-Core
EOSC Future is one of the main H2020 funded projects that will steer the implementation of the EOSC Core development in collaboration with the other funded EOSC-related projects in the landscape (including the regional projects, the cluster projects).
01 Jul 2021

Your recent activities Show all
SEARCH
You have been looking for Cloud computing with additional 4 filters



Improved: Cross-catalogue discovery

- Smart resource discovery mechanism
 - Search across multiple resource types
 - research products (datasets, publications, projects), training materials, EOSC Portal news
 - Advanced full-text search capabilities
 - Use of filters and various sorting mechanisms to refine results sets
 - Resource comparison
 - Favourites
- Resource visualisation
 - User-optimised display of metadata properties of the resource
 - User-optimised display of metadata properties of the resource provider

Improved: Cross-catalogue discovery and search result(mockup)

EUROPEAN OPEN SCIENCE CLOUD

gpu forest poland

Navigation

SEARCH RESULTS FOR:
gpu forest poland

switch to recommended results only

MARKETPLACE 148 results

RESEARCH OUTCOMES 2653 results

CONTENT PROVIDERS 12243 results

ORGANIZATIONS 538 results

KNOWLEDGE HUB 188 results

Categories

Access physical & infrastructures	3
Aggregators & Integrators	12
Processing & Analysis	56
Security & Operations	2
Sharing & Discovery	18
Training & Support	10
Other	36

Filter by

SCIENTIFIC DOMAINS

Find or choose from the list below	
<input type="checkbox"/> Generic	147
<input type="checkbox"/> Natural Sciences	146
<input type="checkbox"/> Earth & Related Environmental Sciences	101
<input type="checkbox"/> Biological Sciences	50
<input type="checkbox"/> Chemical Sciences	35
<input type="checkbox"/> Engineering & Technology	10
<input type="checkbox"/> Medical & Health Sciences	5
<input type="checkbox"/> Medical Biotechnology	5
<input type="checkbox"/> Health Sciences	2
<input type="checkbox"/> Clinical Medicine	1
<input type="checkbox"/> Other Medical Science	20
<input type="checkbox"/> Humanities	8



100 Percent IT Trusted Cloud

★★★★★ (3)

Infrastructure as a Service (IaaS), secured by cutting edge cybersecurity software co-developed by the University of Oxford

Organisation: Centro Nacional de Biotecnología

☐ Add to comparison ☐ Add to favourites



100 Percent IT Trusted Cloud

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☐ Add to comparison ☐ Add to favourites

Recommended for you

See more recommendations in Your ECSC

Regional Database for Fishery Stock ...

★★★★★ (3)

A comprehensive and collaborative environment to collect, harmonize and analyse fisheries and stock data.

Organisation: BlueBRIDGE

Evaluation der Knochenarchitektur im steroid-induzierten Osteoporosemodell...

Published: 01 Jan 2013


OPEN ACCESS GERMAN

Regional Database for Fish Stock ...

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EUROPEAN OPEN SCIENCE CLOUD

gpu forest poland

Navigation

SEARCH RESULTS FOR:
gpu forest poland

MARKETPLACE 148 results

RESEARCH OUTCOMES 2653 results

CONTENT PROVIDERS 12243 results

ORGANIZATIONS 538 results

KNOWLEDGE HUB 188 results

Access Mode

Result Type

Year Range

Funder

Type

Language

Community

Content Provider

Results (6)

Nonlinear control design for linear time varying systems

Published: 12 Feb 1999

OPEN ACCESS GERMAN

Evaluation der Knochenarchitektur im steroid-induzierten Osteoporosemodell der Ratte mittels Mikro-CT

Published: 01 Jan 2013

OPEN ACCESS GERMAN

Reproductive Coercion, Sexual Risk Behaviors, and Mental Health Symptoms among Young Low...

Published: 08 Aug 1972

OPEN ACCESS GERMAN

A Reference Architecture for Providing Latent Semantic Analysis Applications in

Evaluation der Knochenarchitektur im steroid-induzierten Osteoporosemodell der Ratte mittels Mikro-CT

Published: 01 Jan 2013

Publisher: Justus-Liebig-Universität Gießen

Country: Germany

Summary

Strukturelle Veränderungen der ossären Mikroarchitektur stellen beim Krankheitsbild der Osteoporose einen grundlegenden Abschnitt der Pathogenese dar. Die hohe Auflösung der Mikro-Computer-tomographie sowie das nicht-destruktive Ermitteln dreidimensionaler Volumendatensätze machen eine Visualisierung und Quantifizierung der Veränderungen möglich. Im Falle eines simultanen Vorliegens der (Risiko-) Faktoren postmenopausaler Hormonlage und Steroidtherapie zeigt sich jedoch ein noch recht unerforschtes Gebiet, das dringend weitere Aufklärung mithilfe von Tiermodellen sucht. Mittels µCT kann die Bestimmung spezifischer Parameter beim quantitativen Vergleich der Strukt...

Download from

Gießener Elektronische Bibliothek

Doctoral Thesis : 2013

Provider: Gießener Elektronische Bibliothek

Additional functionalities are available on OpenAIRE Explore page

See at OpenAIRE Explore

The content matters!

All Resources 318

CATEGORIES

Access physical & eInfrastructures	76
Aggregators & Integrators	24
Processing & Analysis	132
Security & Operations	27
Sharing & Discovery	86
Training & Support	30
Other	11

FILTERS

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<input type="checkbox"/> Natural Sciences	98
<input type="checkbox"/> Earth & Related Environmental Sciences	42
<input type="checkbox"/> Biological Sciences	37
<input type="checkbox"/> Physical Sciences	18
<input type="checkbox"/> Computer & Information Sciences	11

Providers

Find or choose from the list below	
<input type="checkbox"/> OpenAIRE	26
<input type="checkbox"/> GÉANT Association	17
<input type="checkbox"/> EGI Foundation	13
<input type="checkbox"/> Partnership For Advanced Computing in Europe	11
<input type="checkbox"/> EUDAT	9

Show 218 more

Dedicated for

<input type="checkbox"/> Researchers	253
<input type="checkbox"/> Research Communities	119
<input type="checkbox"/> Research Groups	95
<input type="checkbox"/> Research Projects	81
<input type="checkbox"/> Research Organisations	71

Show 12 more

Related Infrastructures and platforms

Find or choose from the list below	
<input type="checkbox"/> EGI-ACE	37
<input type="checkbox"/> EUDAT	12
<input type="checkbox"/> EGI	10
<input type="checkbox"/> CSIC	8
<input type="checkbox"/> DICE	8

Show 47 more

EOSC Resource

Organisation:

☆☆☆☆☆ (0.0 / 5) 0 reviews ☐ Add to comparison ☐ Add to favourites

Access the resource

OTHER ORDER TYPE

Webpage

Helpdesk

Helpdesk e-mail

Manual

Training information

Ask a question about this resource?

ABOUTDETAILSREVIEWS (0)

This service provides researchers with a desktop with secure storage and software to run your collection and analysis of sensitive data. The system is built on the idea that having a robust firewall around a system that provides a full separation of projects, is the best policy. A two-step authentication is needed to gain access to the system. Inside the system, every project has its own VLAN and its own virtual file system. This means that projects cannot find any information about any other project on the system.

SCIENTIFIC CATEGORISATION



Other

CATEGORISATION

Other

TARGET USERS

Other

RESOURCE AVAILABILITY AND LANGUAGES

English



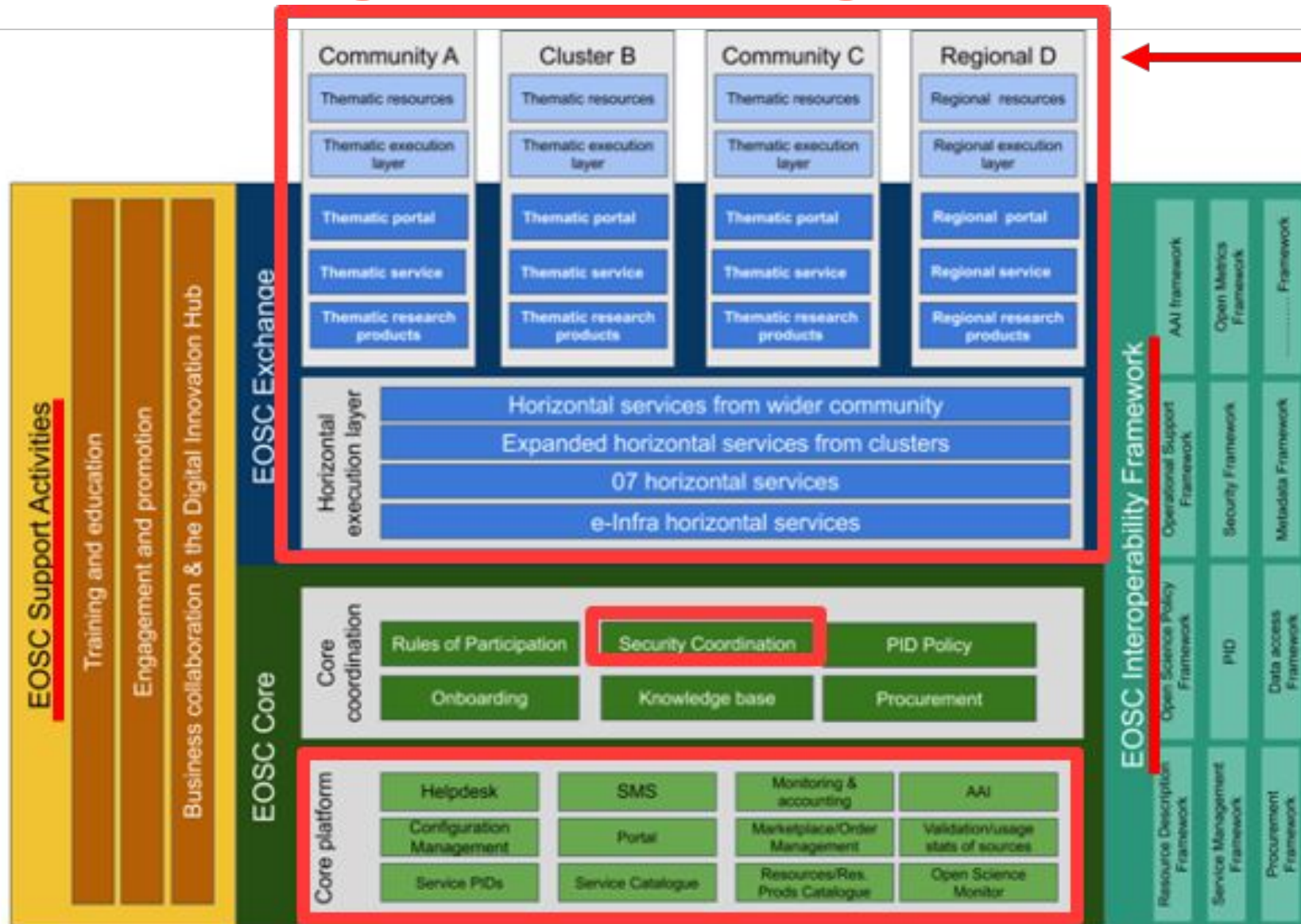
More about

Onboarding how-to

Matthew Viljoen, EGI Foundation



EOSC Exchange Onboarding



**Onboarding
of external
resource
providers**

EOSC Exchange Onboarding Benefits

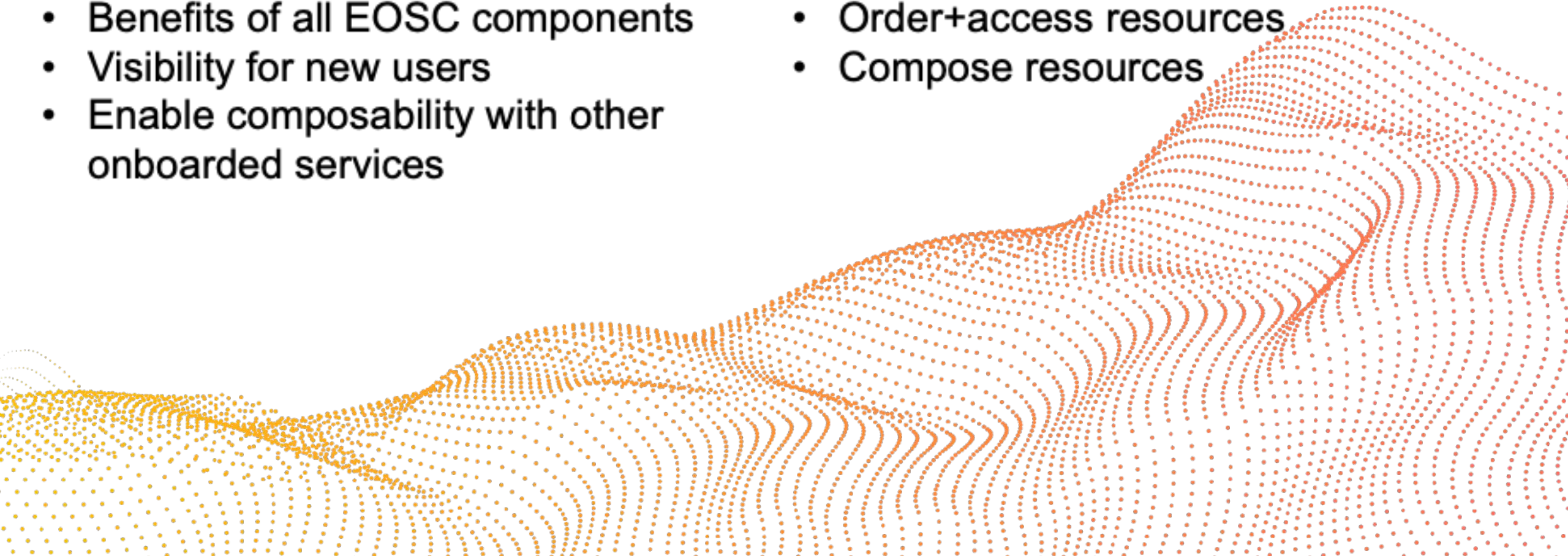
For Service Providers:

- Integration with the Core
ordering, helpdesk, AAI, security,...
- Benefits of all EOSC components
- Visibility for new users
- Enable composability with other onboarded services

For Users:

EOSC Portal is a single point to:

- Discover resources
- Order+access resources
- Compose resources



EOSC Onboarding Status

EOSC Portal Onboarding Team (EPOT)

EOSC-Future operational group set up under EOSC-hub, involving EOSC Enhance, OpenAIRE

*Supports onboarding of **Service Providers** and **Resources** (Services) and their Validation (against Rules of Participation requirements), Auditing*

Onboarded to date:

- 237 Services Providers
- 363 Resources

Currently in development:

- Onboarding of *EOSC catalogues* of services & interoperability between catalogues
- Integrated onboarding of *research products*

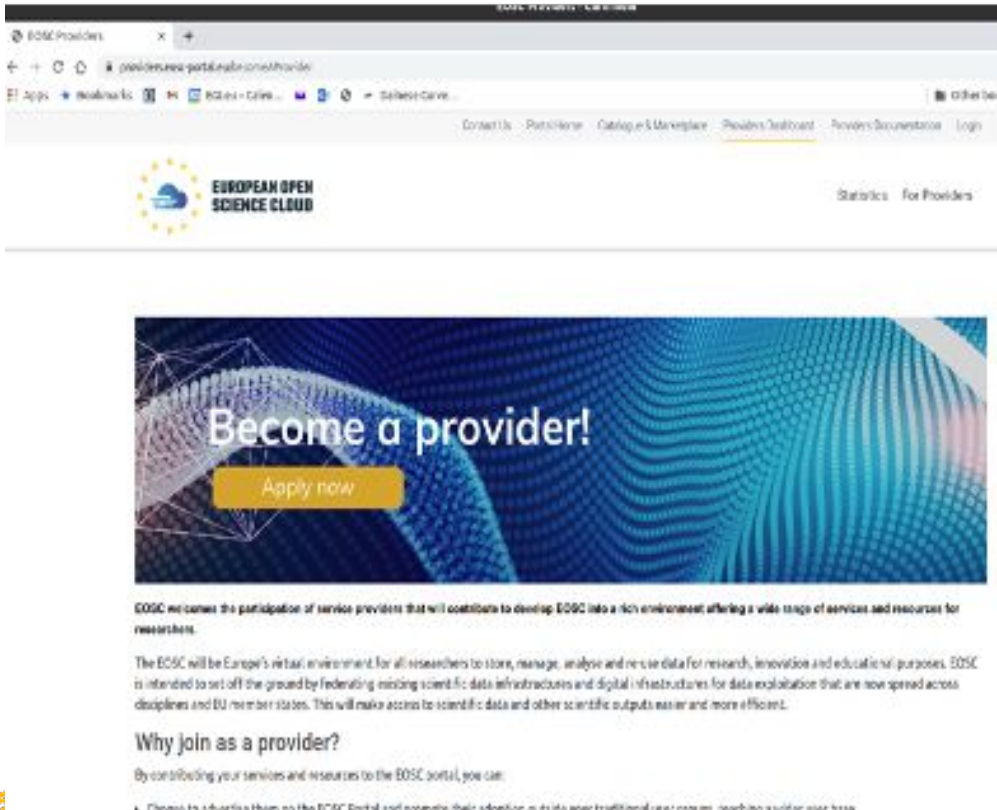
Criteria from Rules of Participation EOSC Task Force

<https://eosc-portal.eu/providers-documentation/eosc-provider-portal-inclusion-criteria>

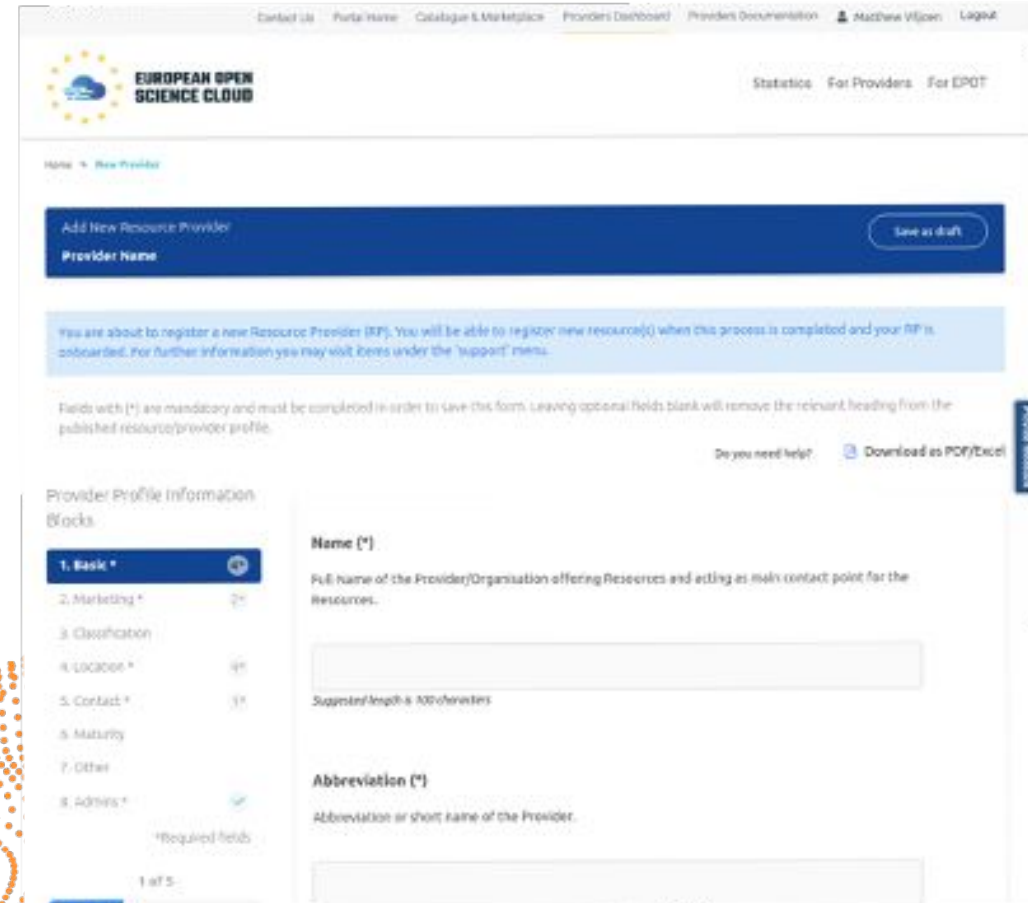
- Providers should be a *legal entity* asserting
 - Resource is delivered by them or by their collaborators
 - Will maintain record/remove them in future as appropriate
- Resources should be
 - 'live' services (IT service or 'human') not artifact(data/software)
 - mature (ideally TRL8) (*)
 - services targetted to EOSC or EOSC communities
 - services building on/leveraging EOSC capabilities

Onboarding Procedure

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

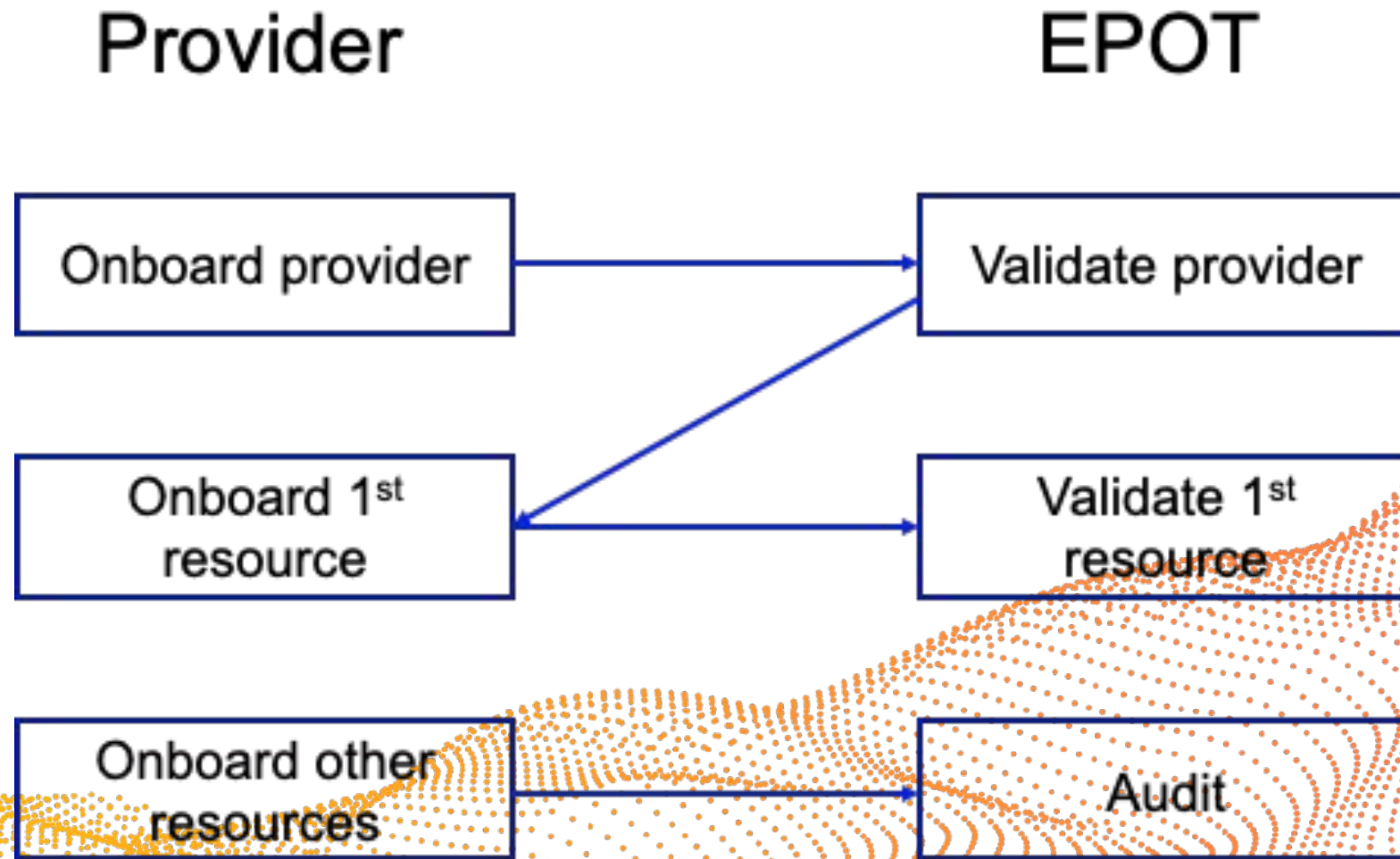


The screenshot shows the EOSC Providers landing page. At the top, there's a navigation bar with links: Contact Us, Portal Home, Catalogue & Marketplace, Providers Dashboard, Providers Documentation, and Login. The main header features the EOSC logo and a 'Statistics For Providers' link. Below this is a large banner with the text 'Become a provider!' and a yellow 'Apply now' button. Under the banner, there's a paragraph explaining EOSC's mission: 'EOSC welcomes the participation of service providers that will contribute to develop EOSC into a rich environment offering a wide range of services and resources for researchers. The EOSC will be Europe's virtual environment for all researchers to store, manage, analyse and reuse data for research, innovation and educational purposes. EOSC is intended to set off the ground by federating existing scientific data infrastructures and digital infrastructures for data exploitation that are now spread across disciplines and EU member states. This will make access to scientific data and other scientific outputs easier and more efficient.' Below this is a section titled 'Why join as a provider?' with a sub-header 'By contributing your services and resources to the EOSC portal, you can:' followed by a bullet point: '• Eligible to advertise their services on the EOSC Portal and promote their adoption outside their traditional user context, reaching a wider user base.'



The screenshot shows the 'Add New Resource Provider' form. At the top, there's a navigation bar with links: Contact Us, Portal Home, Catalogue & Marketplace, Providers Dashboard, Providers Documentation, and Logout. The main header features the EOSC logo and a 'Statistics For Providers For EPOT' link. Below this is a section titled 'Add New Resource Provider' with a 'Save as draft' button. A blue box contains the text: 'You are about to register a new Resource Provider (RP). You will be able to register new resource(s) when this process is completed and your RP is onboarded. For further information you may visit boxes under the "support" menu.' Below this is a note: 'Fields with (*) are mandatory and must be completed in order to save this form. Leaving optional fields blank will remove the relevant heading from the published resource/provider profile.' There's a link 'Do you need help?' and a button 'Download as PDF/Excel'. The form is divided into two main sections: 'Provider Profile information' and 'Name (*)'. The 'Provider Profile information' section has a list of blocks: 1. Basic (*), 2. Marketing (*), 3. Classification, 4. LOGO (*), 5. Contact (*), 6. Maturity, 7. Other, and 8. Admin (*). The 'Name (*)' section has a text input field for 'Full name of the Provider/Organisation offering Resources and acting as main contact point for the Resources.' and a text input field for 'Abbreviation (*)' with the note 'Abbreviation or short name of the Provider.' The form is labeled '1 of 5' at the bottom.

Onboarding Basic Workflow



Further information and demonstrations

Session tomorrow at 2pm ***How to onboard your services to the EOSC portal***

Videos prepared for EOSC Future Deliverable 6.1

- Onboarding of a Provider <https://youtu.be/wWGN7WzNuCQ>
- Validation/auditing of a Provider <https://youtu.be/FW1ly-IE3Gs>
- Onboarding of a Resource https://youtu.be/nsWPW7Qjc_s
- Validation/auditing of a Resource <https://youtu.be/nHULTPs5SI8>



Providers Portal

George Papastefanatos, ATHENA RC



providers.eosc-portal.eu

[Contact Us](#) [Portal Home](#) [Catalogue & Marketplace](#) [Providers Dashboard](#) [Providers Documentation](#) [Login](#)



[Statistics](#) [For Providers](#)

Welcome to the EOSC Providers Portal

A single platform for providers to onboard their organization into EOSC portal, register and manage their resources and gain rich insights about their offerings in the catalogue



Onboarding of Resources

Self service, Workflow based

[Learn more](#)



Provider Dashboard

Gain full control of your resources in the catalogue

[Learn more](#)

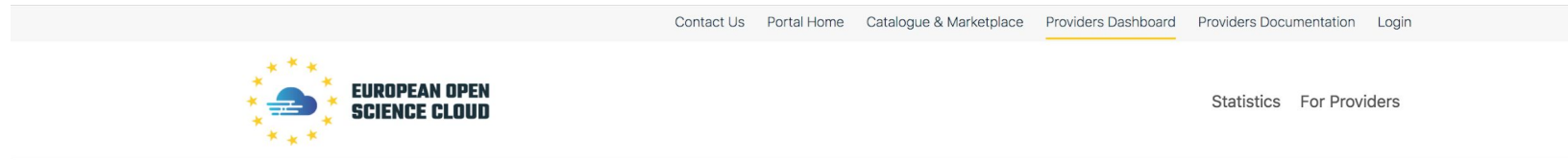


Application Programming Interfaces (APIs)

Programmatic management of resources

[Learn more](#)

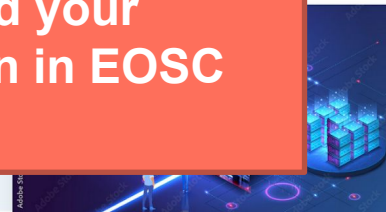
providers.eosc-portal.eu



Welcome to the EOSC Providers Portal

A single platform for providers to onboard their organization into EOSC portal, register and manage their resources and gain rich insights about their offerings in the catalogue

**Onboard your
organization in EOSC**



Onboarding of Resources

Self service, Workflow based

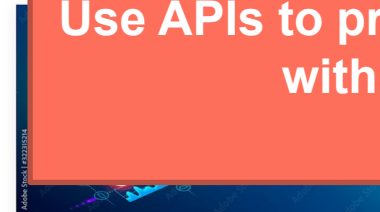
[Learn more](#)

**Manage your services in
Providers Dashboard**



Provider Dashboard

**Use APIs to programmatically interact
with the catalogue**



Application Programming Interfaces (APIs)

Automatic management of

[Learn more](#)

Onboarding your service in EOSC portal - 3 Simple steps

Provider Representative
logs in as an
Authenticated User
(EOSC AAI Credentials)

Register/Update a
Provider (**Provider
Profile**)

Register/Update a
Service (**Service Profile**)



**EUROPEAN OPEN
SCIENCE CLOUD**

Become a provider!

Apply now

In order to be able to register a resource provider to EOSC you need to agree to the following:

- ☐ I agree to the [Privacy Policy](#)
- ☐ I assert that I am an authorized representative of this Resource Provider

Cancel

Apply

Provider Profile Information Blocks

1. Basic *

2. Marketing *

3. Classification

4. Location *

5. Contact *

6. Maturity

7. Other

8. Admins *

4*

2*

4*

1*

✓

✓

✓

✓

*Required fields

1 of 5

35%

Name (*)

Full Name of the Provider/Organisation offering

Suggested length is 100 characters

Abbreviation (*)

Abbreviation or short name of the Provider.

Suggested length is 30 characters

Provider Status: **Approved**

First Resource Status: **Approved**

Update Provider

More

[Go to Dashboard](#)

[View Resources](#)

[Add new Resource](#)

Filling in service information

Home > [Add Resource](#)

Add New Resource

Resource Name

Fields with (*) are mandatory and must be completed in order to save this form. Leaving optional fields blank will remove the relevant heading from the published resource/provider profile.

Resource Profile Information Blocks

1. Basic * 2*
2. Marketing * 3*
3. Classification * 3*
4. Availability * 2*
5. Location
6. Contact * 3*
7. Maturity * 1*
8. Dependencies
9. Attribution
10. Management
11. Order * 1*

Name (*)

Brief and descriptive name of the Resource as assigned by the Provider.

Suggested length is 80 characters

Resource Organisation (*)

The name (or abbreviation) of the organisation that manages or delivers the resource, or that coordinates resource delivery in a federated scenario.

Athena Research and Innovation Center in Information and Communication Technologies

- Fill in in steps – show progress
- Save as draft
- Online Validations
- Feedback Messages
- Preview

Description (*)

A high-level description of the Provider in fairly non-technical terms, with the vision, mission, objectives, background, experience.

Suggested length is 1000 characters

source in federated scenarios.

EOSC Provider Dashboard

Actions

MONITOR

Statistics

- Update History
- Info
- Resources
- Shared resources
- Draft resources
- Messages

ACTIONS

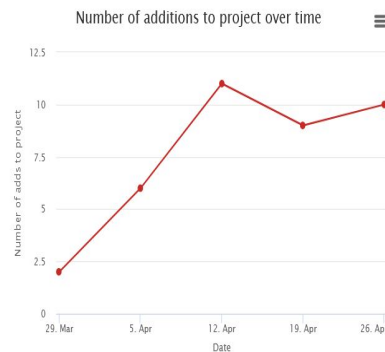
- Add new resource
- Update Provider
- Delete Provider
- Use API

Stats

User engagement

Geographical distribution of resources

Distribution of resources per resource attribute



Service List and Service Actions



Athena Research and Innovation Center in Information and Communication Technologies

Status: Approved

Results per page: 10 Order by: Ascending Sort by: Name Status: All Search...

2 RESOURCES, PAGE 1 OF 1

< 1 >

Active



ATMO-FLUD

ATMO-FLUD

ATMO-FLUD provides a set of algorithms for the calculation of flux densities of Sensible Heat, Latent Heat, Turbulent Kinetic Energy and other scalars like GHGs. The input data to the service is user provided although test data are available for trial runs. Real data should be experimentally obtained by the user bearing in mind that the fundamental methods employed in this service are the "Eddy Covariance" and "Gradient Method".

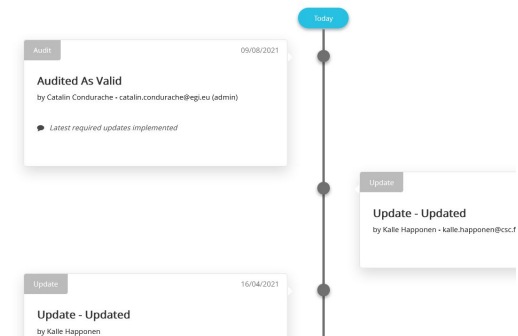
Creation Date: May 12, 2021

Use as
template

Deactivate

Delete resource

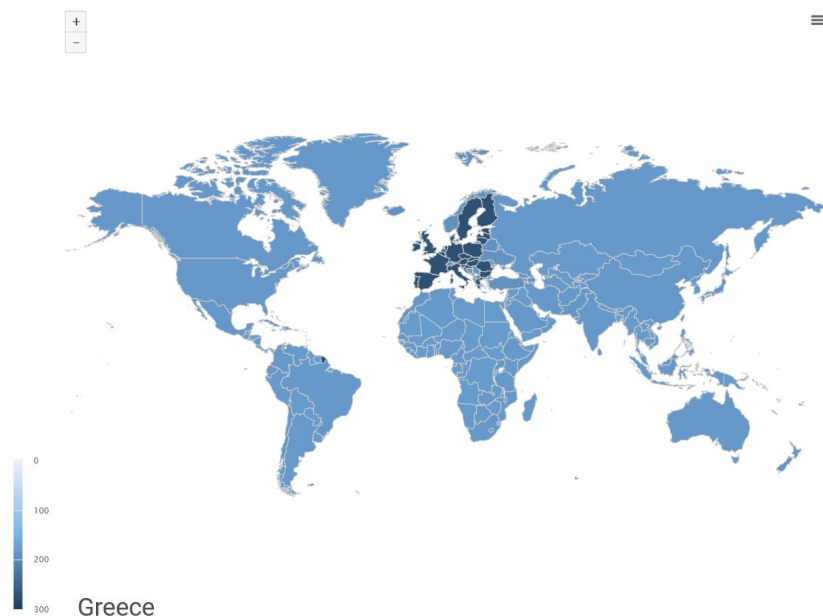
Timeline of all actions



Statistics for the entire catalogue

Statistics For Providers

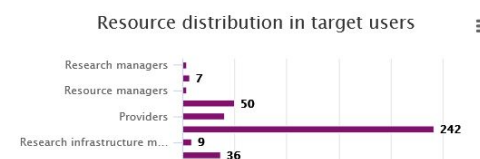
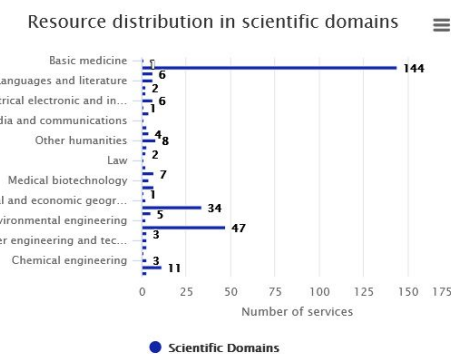
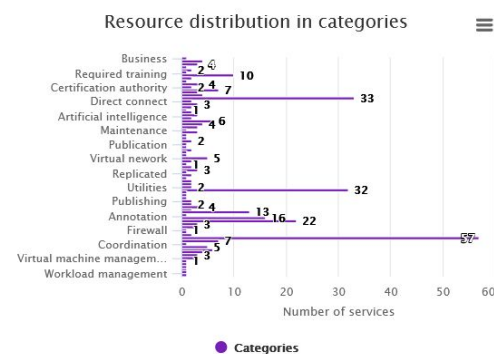
Geographical distribution of resources



Services offered in country:

OpenMinTeD Catalogue of Ancillary Resources
Data Management Expert Guide (DMEG)
PowerFit web portal
GÉANT MDVPN
DARIAH Science Gateway
OpenAIRE Content Provider Dashboard
VAMDC Species Database
MetalPDB: a database of metal-binding sites in 3D structures of biological macromolecules
OpenAIRE Broker
EGI High-Throughput Compute
Global Tuna Atlas Spatial Data Repository
robotbenchmark
PRACE Advanced Training Centres

Distribution of resources per resource attribute



EOSC Portal APIs

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

EOSC

External APIs for the EOSC registry

provider-controller : Provider Controller

Show/Hide | List Operations | Expand Operations

PUT	/provider	Updates the Provider assigned the given id with the given Provider, keeping a version of revisions.
GET	/provider/all	Filter a list of Providers based on a set of filters or get a list of all Providers in the Catalogue.
GET	/provider/services/{id}	Get a list of services offered by a Provider.
GET	/provider/{id}	Returns the Provider with the given id.

resource-controller : Operations for Resources/Services

Show/Hide | List Operations | Expand Operations

vocabulary-controller : Vocabulary Controller

Show/Hide | List Operations | Expand Operations

[BASE URL: / , API VERSION: 3.0.0]

{Base URLs}: <https://api.eosc-portal.eu/>

e.g. <https://api.eosc-portal.eu/provider/athena>

<https://aai.eosc-portal.eu/providers-api/>



EOSC Portal Providers API

This service requires the following permissions for your account:

log in using your identity
read your email address
read your basic profile info

Authorise



EOSC Portal Providers API

Client ID: 2373c5f0-c4bd-4918-aea3-f8bac3819f49

My Access Token | My Refresh Tokens

Access Token:

[Redacted Access Token]

Copy

To get the user info use the following curl command:

curl https://aai.eosc-portal.eu/oidc/userinfo -H 'Authorization: Bearer [Redacted Access Token]'

Copy

NOTE: New access tokens expire in 1 hour.

Refresh Token:

[Redacted Refresh Token]

Copy

NOTE: New refresh tokens expire in 12 months.

To generate access tokens from this refresh token use the following curl command:

curl -X POST 'https://aai.eosc-portal.eu/oidc/token' -d 'grant_type=refresh_token&refresh_token=[Redacted Refresh Token]'

Copy

NOTE: New access tokens expire in 1 hour.

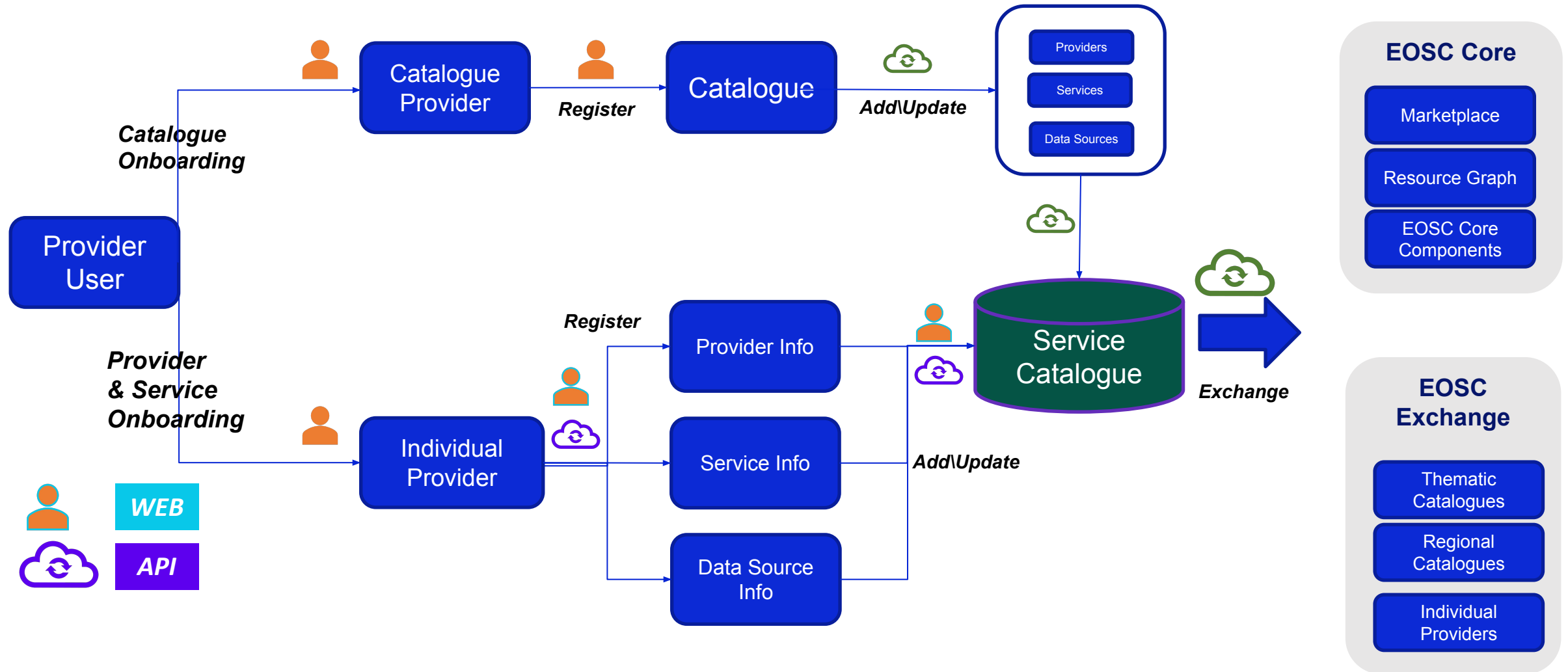
You can manage your active tokens in the following link: <https://aai.eosc-portal.eu/oidc/manage/user/services>



Upcoming Releases (June & Sept 2022) – New Features

1. Support of Profiles v4.00 (Migration of Contents and APIs)
2. Onboarding extended for Catalogues, and Data Sources
3. Configuration info for integrating services with EOSC Core Services (Monitoring and Helpdesk)
4. Rebranding & Extending Providers Portal Functionality
 - a. Service Providers Portal
 - b. Research Product Providers Portal

Onboarding into Service Catalogue – The Big Picture



New Functionality in Portal UI

Add my Catalogue

Statistics For Providers For Catalogues For EPOT

Add a Catalogue

My Catalogues

Public API

their resources and gain rich insight into the

Integrate with a Core Service

Monitoring Extension

Service Name

Fields with (*) are mandatory and must be completed in order to save this form. Leaving optional fields blank will remove the relevant heading from the published resource/provider profile.

Monitored By (*)

Who is responsible for the monitoring of this Service

+ Add Monitored By

GroupName

Service Type (*)

Unique identifier of the service type with reverse dns format

Endpoint (*)

The URL of the endpoint of the service

Data Source Profile Information Blocks

- 1. Basic * 4*
- 2. Marketing * 3*
- 3. Classification * 3*
- 4. Availability * 2*
- 5. Location
- 6. Contact * 4*
- 7. Maturity * 1*
- 8. Dependencies
- 9. Attribution
- 10. Management 2*
- 11. Order * 1*
- 12. Financial

13. Data Source Policies

- 14. Data Source Content 4*
- 15. Research Product Policies
- 16. Research Product Metadata

*Required fields

0 of 9

0%

Submission Policy URL

This policy provides a comprehensive framework for the contribution of research products. Criteria for submitting content, as product preparation guidelines can be stated. Concepts for quality assurance may be provided.

use http:// or https://

Preservation Policy URL

This policy provides a comprehensive framework for the long-term preservation of the research products. Principles aims and responsibilities be clarified. An important aspect is the description of preservation concepts to ensure the technical and conceptual utility of the c

use http:// or https://

Version Control

If data versioning is supported, the data source explicitly allows the deposition of different versions of the same object.

Is version control available? ☐ No ☐ Yes

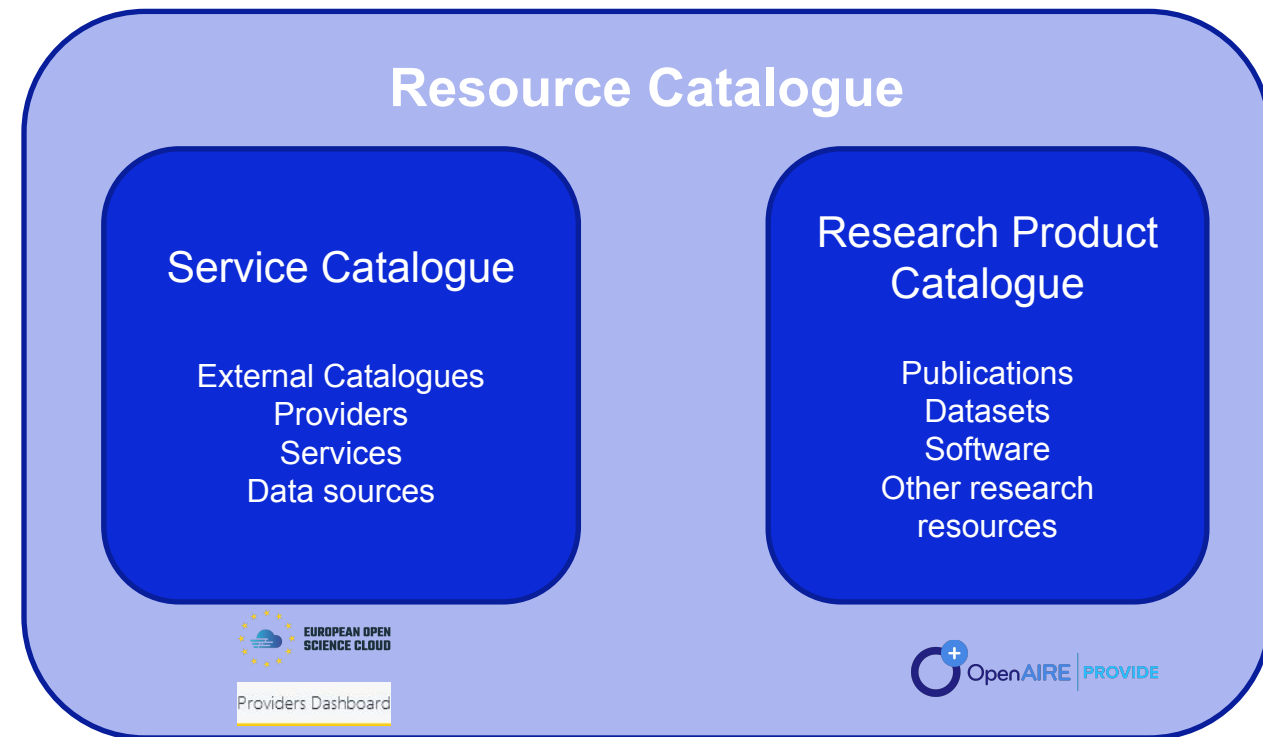
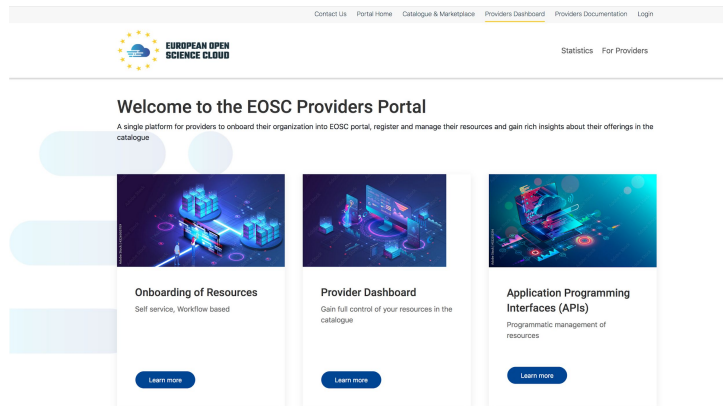
Persistent Identity Systems

Persistent Identity EntityType (*)

Specify the Persistent Identity

Rebranding & Extending Providers Portal

Providers Portal – Manage the Entire Resource Catalogue



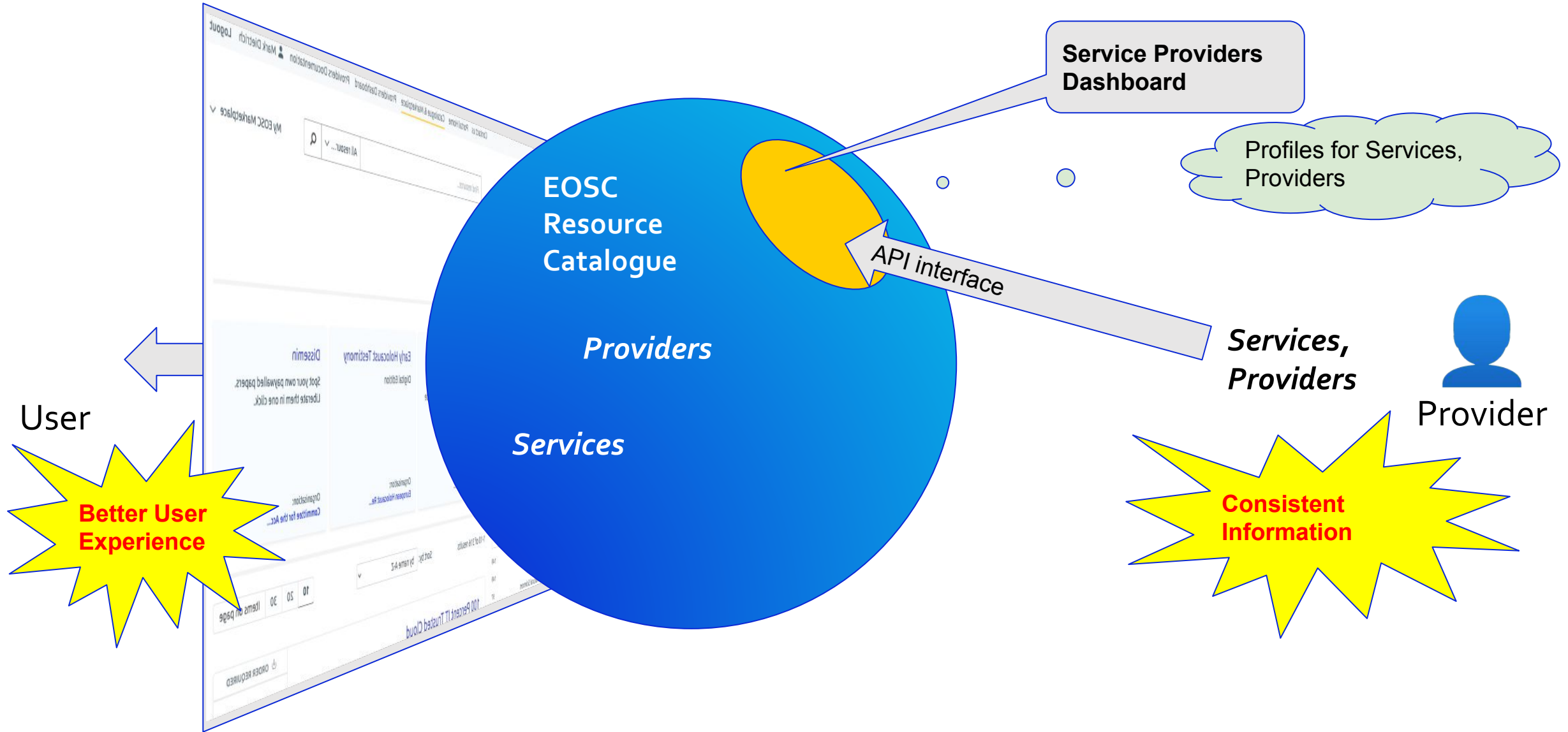
EOSC Profiles and Automated Updates

Mark Dietrich, EGI Foundation

mark.dietrich@egi.eu

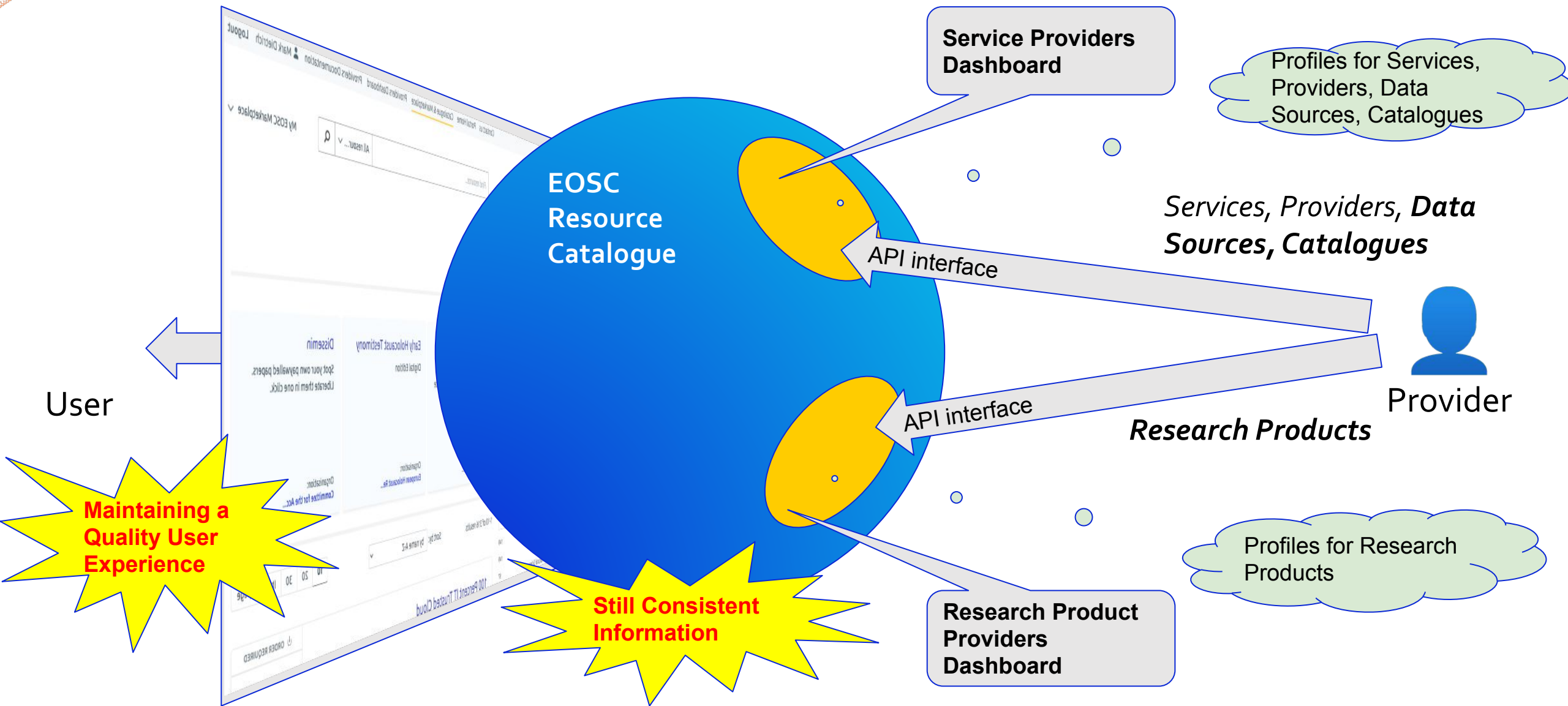


EOSC Profiles define the information needed by the EOSC Resource Catalogue



EOSC Profiles Being Enhanced*

*more details coming soon!





User-facing capabilities enabled by new Profiles

Linking to Services from other Catalogues, to expand what is available.

Identifying services with EC-funding.

Expanding the range of Research Products accessible through the Portal.

Showing how to access those Research Products through Data Sources (collections, repositories).

Other capabilities are in progress and should be available by September 2022.