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EOSC-Pillar

Coordination and Harmonisation of National & Thematic Initiatives to support EOSC

Open and FAIR data management

Open and FAIR data practices
for researchers and services, FAIR-enabling and the EOSC market place

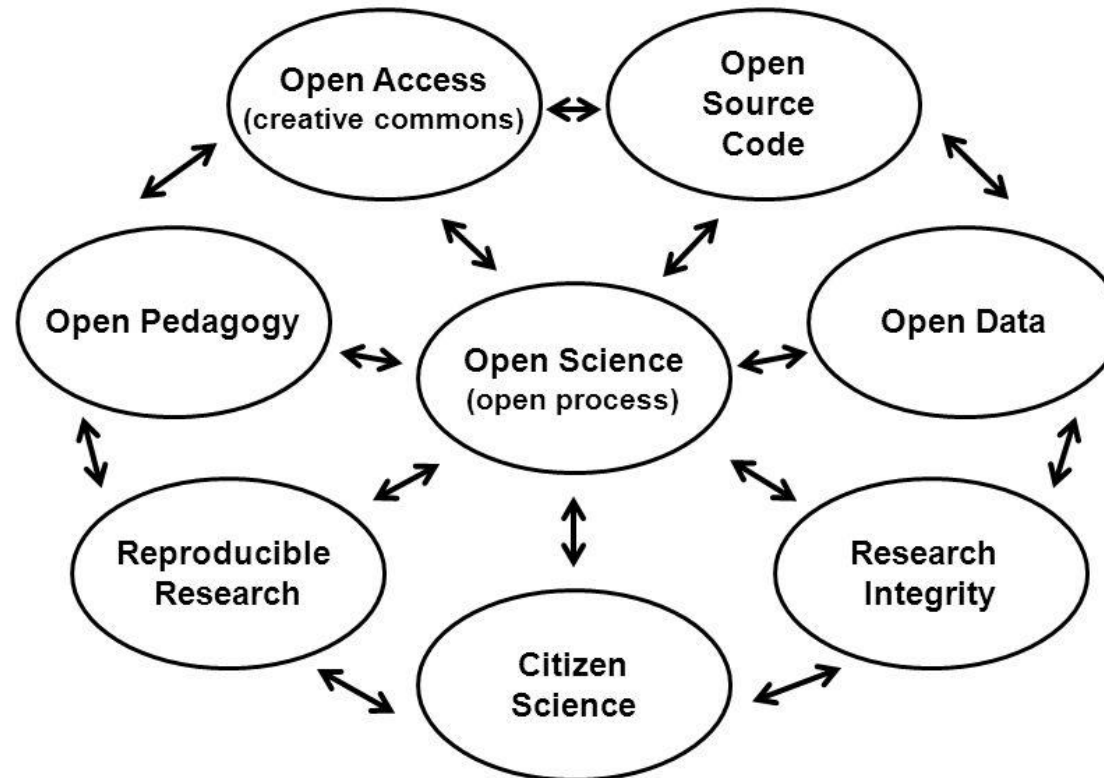


EOSC-Pillar has received funding from the European Union's Horizon 2020 research and innovation Programme under Grant Agreement No. 857650.

Some context

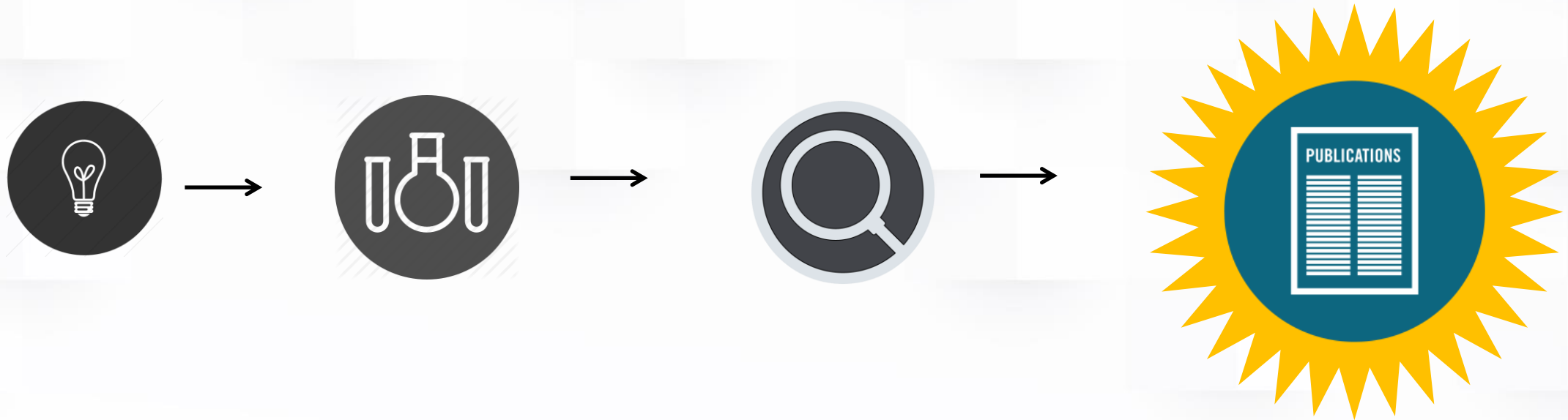
Open data and data management is part of a bigger movement towards more transparency in research

Open Science Ecosystem



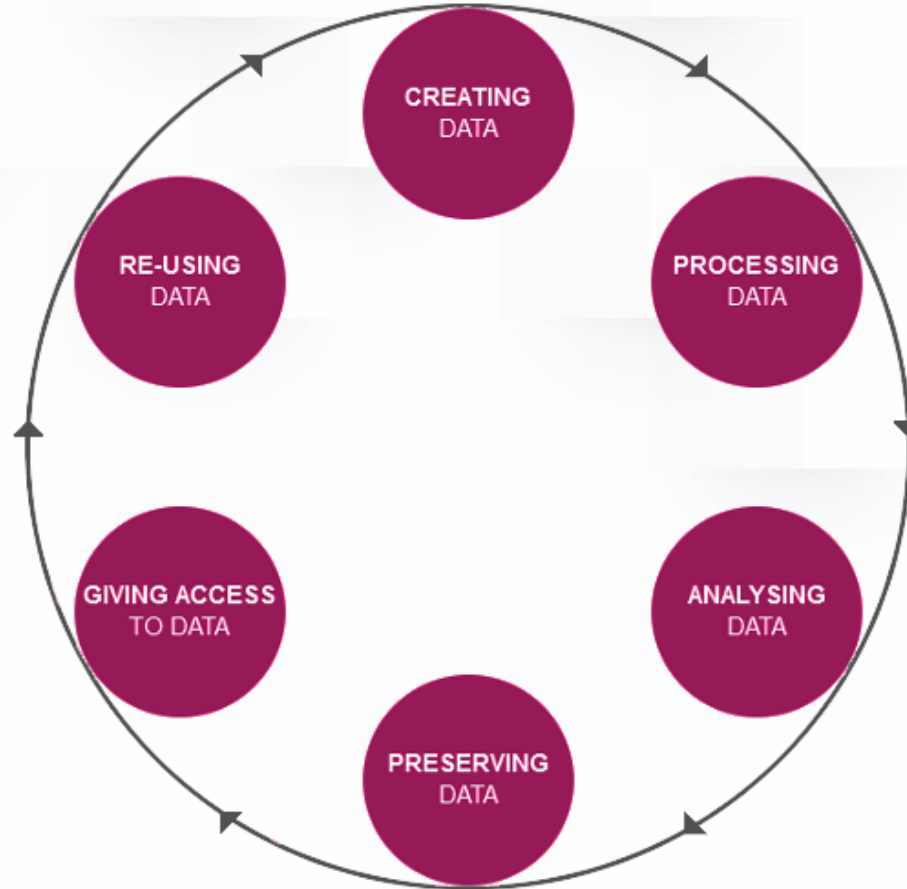
With thanks to John Jungck

Challenge



To go from publications as the single outcome of a research process to...

Challenge



A system where the whole research process is visible and valued.

Why?



Prevents data loss



Increases transparency



Maximize usefulness



Credit & longer shelf life ¹



Citizens science & collaboration



Write a data paper

1. e.g. Piwowar HA, Vision TJ. (2013) Data reuse and the open data citation advantage. PeerJ 1:e175 <https://doi.org/10.7717/peerj.175>, Piwowar HA, Day RS, Fridsma DB (2007) Sharing Detailed Research Data Is Associated with Increased Citation Rate. PLoS ONE 2(3): e308. [doi:10.1371/journal.pone.0000308](https://doi.org/10.1371/journal.pone.0000308)

Exempli gratia

Prevents data loss

e.g. “The full profile listings are on floppy disks which are available upon request”*

* Fernolz et al (1989) A survey A survey of measurements and measuring techniques in rapidly distorted compressible turbulent boundary layers.



Over half of psychology studies fail reproducibility test

Largest replication study to date casts doubt on many published positive results.

Monya Baker



A survey of publication bias within evolutionary ecology

Negative results are disappearing from most disciplines and countries

Daniele Fanelli

OPEN ACCESS Freely available online



How Many Scientists Fabricate and Falsify Research? A Systematic Review and Meta-Analysis of Survey Data

Daniele Fanelli*

Maximize usefulness and transparency

Most Scientific Research Data From the 1990s Is Lost Forever

A new study has found that as much as 80 percent of the raw scientific data collected by researchers in the early 1990s is gone forever, mostly because no one knows where to find it.

DANIELLE WIENER-BRONNER DECEMBER 23, 2013



Research integrity

“It was a mistake in a spreadsheet that could have been easily overlooked: a few rows left out of an equation to average the values in a column. The spreadsheet was used to draw the conclusion of an influential 2010 economics paper: that public debt of more than 90% of GDP slows down growth.

This conclusion was later cited by the International Monetary Fund and the UK Treasury to justify programmes of austerity that have arguably led to riots, poverty and lost jobs.”

The error that could subvert George Osborne's austerity programme

The theories on which the chancellor based his cuts policies have been shown to be based on an embarrassing mistake



▲ George Osborne says that Ken Rogoff, the man whose economic error has been uncovered, has strongly influenced his thinking. Photograph: Stefan Wermuth/PA

Scientists link biodiversity genomics with museum wisdom through new public database

Genomic observatories metadata impact of global challenges across life

Date: August 3, 2017

Source: Smithsonian

Summary: A new publicly available database of genomic and ecological data from museum samples, making it easier for researchers to find and use data when samples were collected in different locations and for different research communities.

THE GLOBAL IMPACT OF OPEN DATA

BATTLING EBOLA IN SIERRA LEONE

DATA SHARING TO IMPROVE CRISIS RESPONSE

Data Sharing Leads to Powerful Tools for Fighting Fire

The Wildland Fire Decision Support System uses geospatial data and predictions of fire spread to inform decisions on wildland fires.

BY ANDREW BAILEY, NANCY VON MEYER AND BEN BUTLER / DECEMBER 3, 2013



High Park Fire wildland fire crews at the Incident Command Post in Fort Collins, Colo., in June 2012.

MICHAEL RIEGER/FEMA

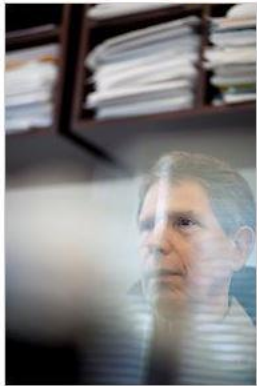
Sharing of Data Leads to Progress on Alzheimer's

By GINA KOLATA
Published: August 12, 2010

In 2003, a group of scientists and executives from the [National Institutes of Health](#), the [Food and Drug Administration](#), the drug and medical-imaging industries, universities and nonprofit groups joined in a project that experts say had no precedent: a collaborative effort to find the biological markers that show the progression of [Alzheimer's disease](#) in the human brain.

- LINKEDIN
- COMMENTS
- PRINT
- REPRINTS
- SHARE

Enlarge This Image



Michael Temchine for The New York Times
Neil Buckholtz, chief of the Dementias of Aging Branch at the National Institute of Aging, in the National Institutes of Health.

Now, the effort is bearing fruit with a wealth of recent scientific papers on the early diagnosis of Alzheimer's using methods like PET scans and tests of spinal fluid. More than 100 studies are under way to test drugs that might slow or stop the disease.

And the collaboration is already serving as a model for similar efforts against [Parkinson's disease](#). A \$40 million project to look for biomarkers for Parkinson's, sponsored by the [Michael J. Fox Foundation](#), plans to enroll 600 study subjects in the United States and Europe.

The work on Alzheimer's "is the precedent," said Holly Barkhymer, a spokeswoman for the foundation. "We're really excited."

The key to the Alzheimer's project was an agreement as ambitious as its goal: not just to raise money, not just to do research on a vast scale, but also to share all the data.

COVID-19 research

Open access data benefits millions of scientists around the world and is essential for a rapid response to the COVID-19 pandemic



Artist's impression of open access COVID-19 data sharing. Credit: Spencer Phillips, EMBL-EBI.

What is data management?

- Research Data Management is **part of the research process**, and aims to make the research process as efficient as possible
- Research data management concerns **the organisation** of data, from its entry to the research cycle through to the **dissemination** and **archiving** of valuable results.

What is data management?

→ Can people find, access and understand my data?

EXPLAIN IT

STORE IT SAFELY

OPEN IT

→ A Data Management Plan is a tool that can help you think about and address these issues.

What is open data?

Open Data

Free to access reuse,
repurpose, and redistribute

Data sharing

Restricted access to
limited amount of
people under certain
conditions

Horzion 2020 and Open Research Data

Flexible ORD pilot:

From limited to default in 2017

- Foster Open Science
- Avoid duplication of research and loss of resources

Data Management
Planning

Open Access
to research data
(or partially opt-out)

Requirements of the Data Pilot



1. Data Management Plan (DMP)



2. Deposit data in data repository



3. Provide information to validate results



4. Open up data

STEP 1

WRITE A DMP
dmponline.be



Update at

- 6 months
- Periodic evaluation
- Final review

STEP 2

FIND REPOSITORY
Matches data needs



Data Repositories

- discipline/institutional
- www.re3data.org
- Zenodo

STEP 3

DEPOSIT DATA
(Open) Data
Metadata
Other tools



- Standard File Formats
- Standards metadata schema
- (Open) Licences

SUPPORT

Supporting
infrastructure and
information

Open
Research
Data Pilot

- EC guidelines
- OpenAIRE.eu

FAIR Data Management guidelines



EUROPEAN COMMISSION
Directorate-General for Research & Innovation

H2020 Programme
Guidelines on
FAIR Data Management in Horizon 2020

Version 3.0
26 July 2016



- Notes the extension of the pilot
- Clarifies concept of FAIR data
- Explains what a DMP is and when they should be updated
- Notes what happens at proposal, submission and evaluation stage
- Explains costs are eligible
- Provides a DMP template

Guided by a set of principles: FAIR

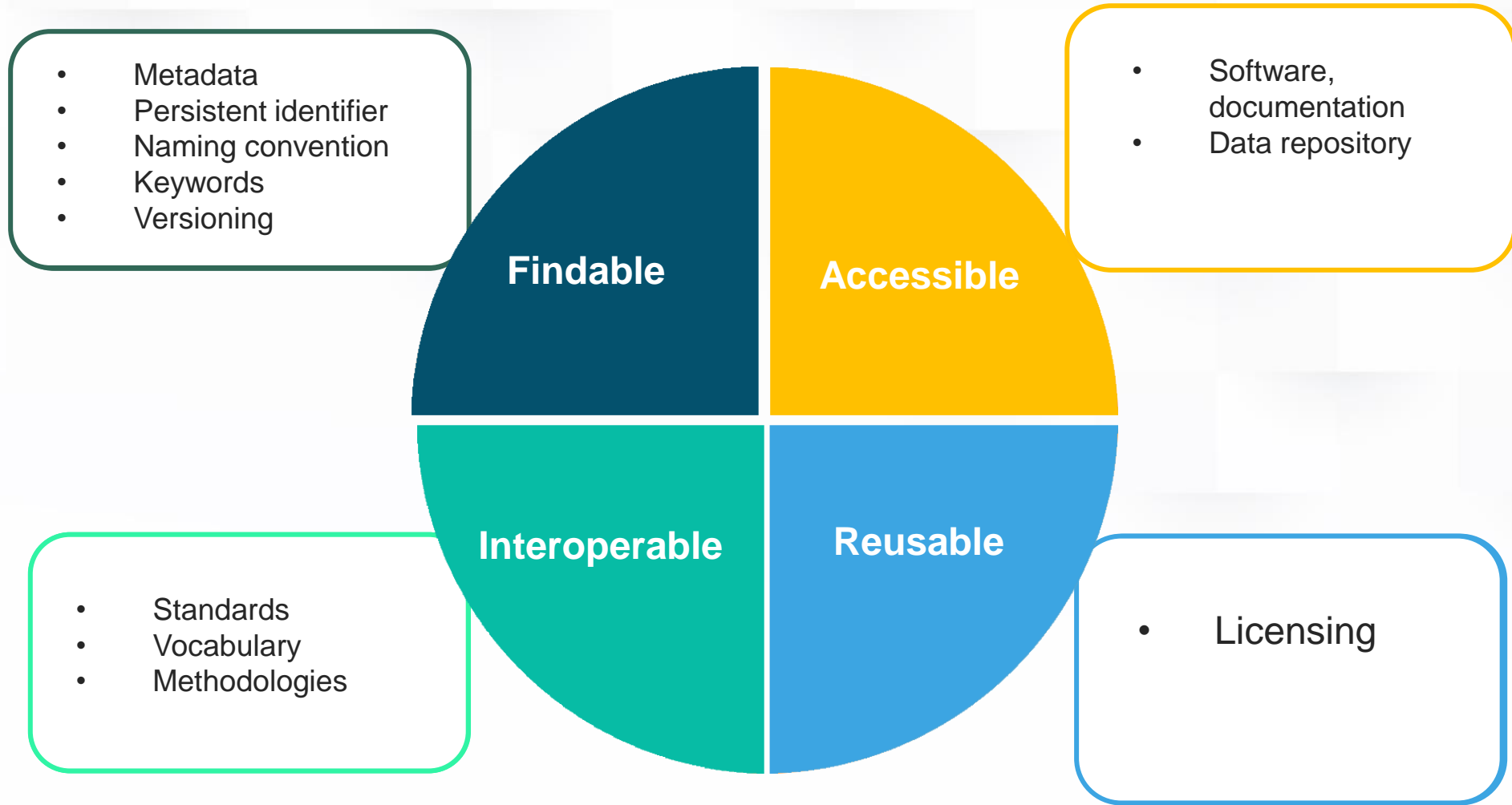
"ALL RESEARCH SHOULD AIM
TO BE F.A.I.R."

#FIGSHAREFEST

	GOOD	BAD
FINDABLE	ONLINE DATABASE	FILING CABINET IN A BATH IN THE BASEMENT UNDER A LEAKING PIPE
ACCESSABLE	OPEN ACCESS FOR EVERYONE (NO LOGIN)	THE FILING CABINET ALSO IS HOME TO A NEST OF WILD BADGERS
INTEROPERABLE	ALL DATA IS IN OPEN FORMATS	ALL DOCUMENTS ARE PRINTED IN COMIC SANS AND WRITTEN IN ESPERANTO
REUSEABLE	GOOD META DATA AND SECURELY STORED FOR 10 YEARS	THE PAPER EXPLODES IF IT'S READ

ERRANTSCIENCE.COM

FAIR data principles



Research data in Horizon Europe

Continuation and strengthening of ECs research data mandate with a focus on good Research data management and FAIR data principles.

- Establish a **data management plan** ('DMP') and update it
- Deposit the data in a **trusted repository**
- Ensure **open access** following the principle 'as open as possible as closed as necessary'

Changes from Horizon 2020

- No longer a pilot
- Focus on Research Data Management and **FAIR data**
- **Open (CC-BY or CCO) license**
- Metadata of deposited data must be open under a Creative Commons Public Domain Dedication
- ***“EOSC Pilot”***:
 - If required in the call conditions, the data repository must be federated in the EOSC in **compliance with EOSC**



**EOSC-Pillar will coordinate
national Open Science efforts across
Austria, Belgium, France, Germany and Italy,
and ensure their contribution and readiness
for the implementation of the
European Open Science Cloud.**



EOSC-Pillar has received funding from the European Union's Horizon 2020 research and innovation Programme under Grant Agreement No. 857650. This material by the EOSC-Pillar is licensed under a Creative Commons Attribution 4.0 International License.



The European Open Science Cloud is...

- set up by the **European Commission**
- for **existing scientific data infrastructures**
- it's a **process** (not a project) to build a virtual environment
- to make it easier to **find, access, and reuse** research data, tools and services
- to **interlink** and **combine** data sets
- **across disciplines** and borders
- to **enable new and unexpected discoveries**



Challenges EOSC aims to address

- Provide **access to data/results** which are now fragmented
- Handle the **increase in data volume**
- Manage **different data types**
- Facilitate data publications and **sharing of data**
- Foster **multi-disciplinary collaboration**, connecting disciplines that are now working separately

“1.7 million European researchers and 70 million professionals in science and technology a **virtual environment** with **free at the point of use**, **open** and **seamless** services for storage, management, analysis and **re-use of research data**, across borders and scientific disciplines”

CONNECTING SCIENTIFIC DISCIPLINES

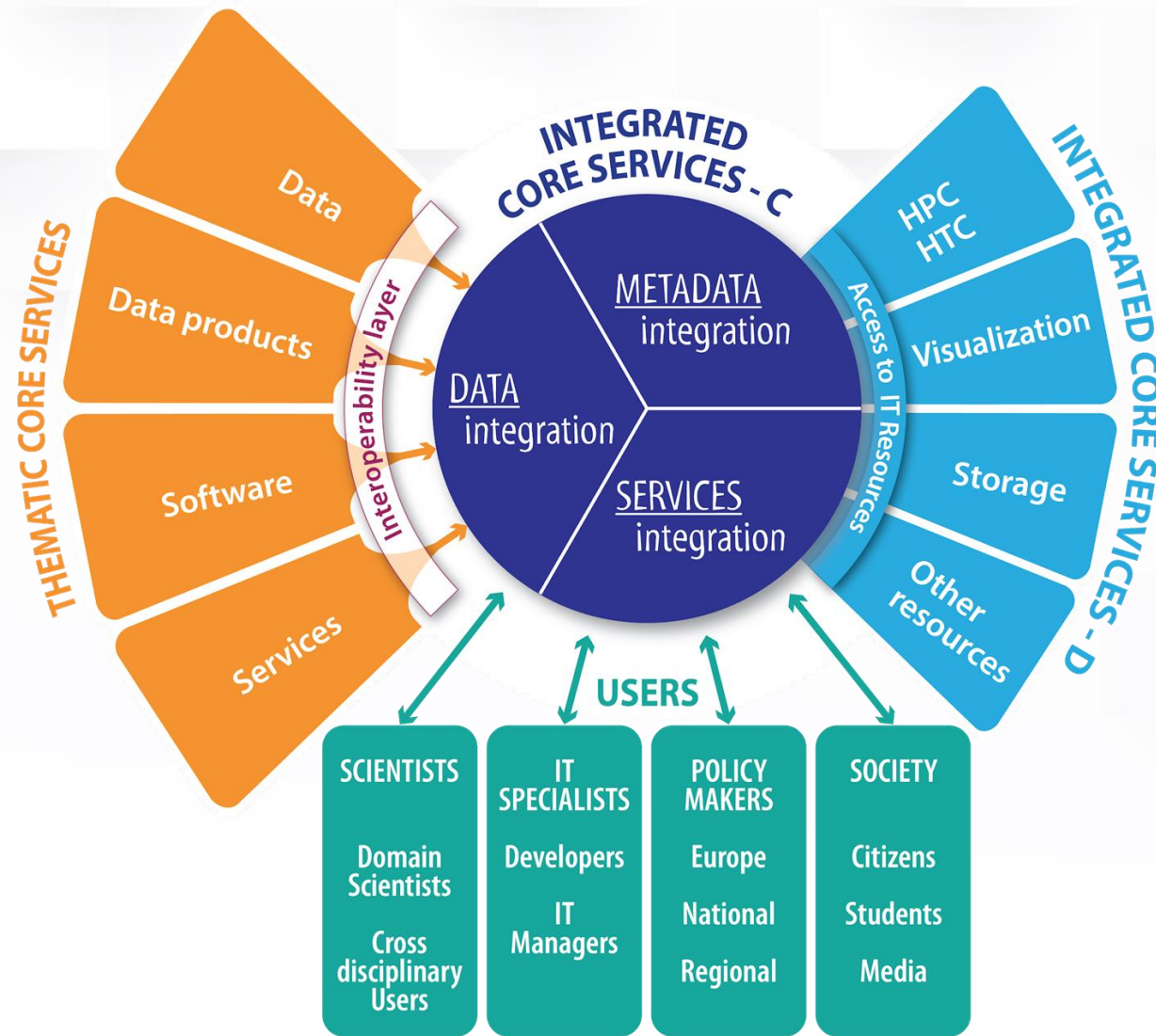
SUSTAINABLE

BETTER SCIENCE

European approach

Stakeholders working together to

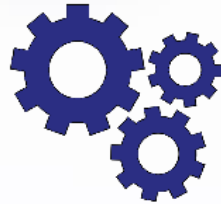
- **cataloguing** datasets
- combining pre-existing **research infrastructures**
- provide **services** for researcher data
- exchange datasets **across disciplines**
- create the internet of **FAIR data**



FAIR is a crucial aspect of the European Open Science Cloud.

FAIR is...

Findable



Accessible

Interoperable



Reusable

To make the European Open Science Cloud work **FAIR** is not only the **gold standard** for research data BUT also for the infrastructure and services.

EOSC services for researchers

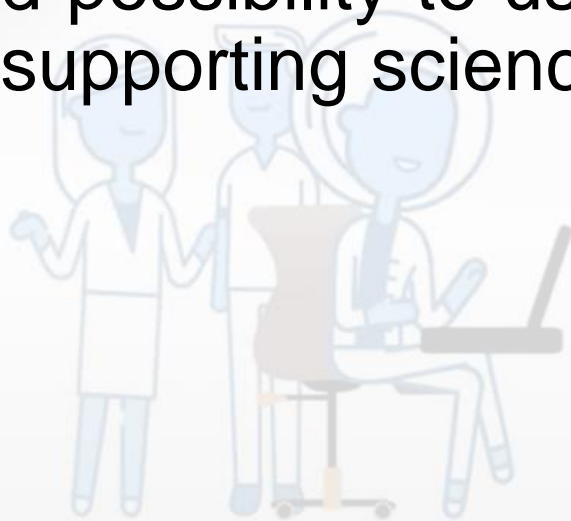
Visit marketplace.eosc-portal.eu

- Data and data **processing**
- Data **storage** and data services
- **Cloud computing**: e.g optimised for genome analysis pipelines
- Containerised **workflows**
- **Training and support** on scientific data management
- **High performance computing** in PRACE, HPC-Europa etc. will become accessible in EOSC as well



Mission

Boost European research by providing **all necessary interfaces and functionalities** to equip EOSC Users with knowledge about and possibility to use the resources available in EOSC for the sake of supporting science across the Europe.



Main functions

Gateway to **EOSC Resources**

- **284** categorised and well described, research supporting, **resources**
- **Generic** resources along with **specialised, thematic** services (both physical and digital)
- Solutions developed for all branches of science
- Resource offers **tailored** to specific use-cases
- 4 types of access mode

Communication channel with EOSC Providers and other EOSC stakeholders

- **160 providers** of different kinds (e-infrastructures, user communities, scientific institutions, etc.)
- **Direct communication** with Providers
- Possibility to request a new EOSC resource compositions or a new resources
- **User feedback** and resource rating
- User support from EOSC Providers and EOSC Experts
- Support for **individual use cases** from EOSC Providers

Institutions/researchers will be able to

- Find data
- Exchange data
- Have access to data
- Reproduce data
- Interdisciplinary use of data
- Use federated services and infrastructure
 - → **knowledge production** will also benefit industry and businesses


Demo

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


9 scientific domains to start with...

Scientific Domains


Categories




Medical & Health Sciences




Engineering & Technology




Natural Sciences




Generic




Humanities




Agricultural Sciences



Social Sciences



Support Activities



Other

Browse all resources

Resources

17

Resources

Active filters

Scientific Domains: Engineering & Technology X Clear all filters X

1-10 of 17 results

Sort by: by name A-Z

10 20 Items on page

Accounting Framework

Standardized Accounting and User Quota Management.

Organisation: BlueBRIDGE

Provided by: D4Science Infrastructure

Scientific domain: Other Engineering & Technology Sciences

Add to comparison

Europeana APIs

Large-Scale Data Discovery, Acquisition and Management of Digital Cultural Heritage in Research

Organisation: Europeana Foundation

Scientific domain: Electrical, Electronic & Information Engineering

Add to comparison

GPU servers GRANT PROGRAM

GPU servers GRANT PROGRAM

Organisation: hostkey

Scientific domain: Electrical, Electronic & Information Engineering

Add to comparison

Or 6 categories...

Scientific Domains

Categories

Access physical & infrastructures

Aggregators & Integrators

Security & Operations

Sharing & Discovery

Proce

Trai

285

Categories

- Access physical & infrastructures 50
- Aggregators & Integrators 13
- Processing & Analysis 127
- Security & Operations 25
- Sharing & Discovery 20
- Applications 4
- Data 4
- Development Resources 2
- Samples 0
- Scholarly Communication 2
- Software 8
- Training & Support 26
- Other 8

Filters

Scientific Domains

Find or choose from the list below

- ☐ Generic 10
- ☐ Generic 9
- ☐ Natural Sciences 6
- ☐ Earth & Related Environmental Sciences 2
- ☐ Biological Sciences 1
- ☐ Chemical Sciences 1
- ☐ Information Sciences 1
- ☐ Other Natural Sciences 1
- ☐ Physical Sciences 1
- ☐ Computer & Information 0

Sharing & Discovery

1-10 of 20 results

Sort by: by name A-Z

10 20 Items on page

AMBER-based Portal Server for NMR structures (AMPS-NMR)

Web portal for the refinement of Nuclear Magnetic Resonance (NMR) structures of macromolecules

Organisation: A Worldwide e-Infrastructure for Structural Biology

Provided by: Magnetic Resonance Center of the University of Florence - CERM, Interuniversity consortium CIRMMP

Scientific domain: Biological Sciences, Other Medical Sciences

☐ Add to comparison

ARGOS

Plan and follow your data

Organisation: OpenAIRE

Scientific domain: Generic

☐ Add to comparison

DEEP training facility

Distributed training facility for Machine Learning, Artificial Intelligence and Deep Learning models.

Organisation: Institute of Physics of Cantabria (IFCA)

Provided by: PSNC, Karlsruhe Institute of Technology, Institute of Informatics - Slovak Academy of Sciences, National Distributed Computing Infrastructure, Institute of Instrumentation for Molecular Imaging - Grid and High Performance Computing - Universitat Politècnica de València, Italian National Institute of Nuclear Physics

Scientific domain: Generic

Browse all resources

Slides: EOSC-Enhance: EOSC Portal: New user functionalities - Bartosz Wilk CYFRONET

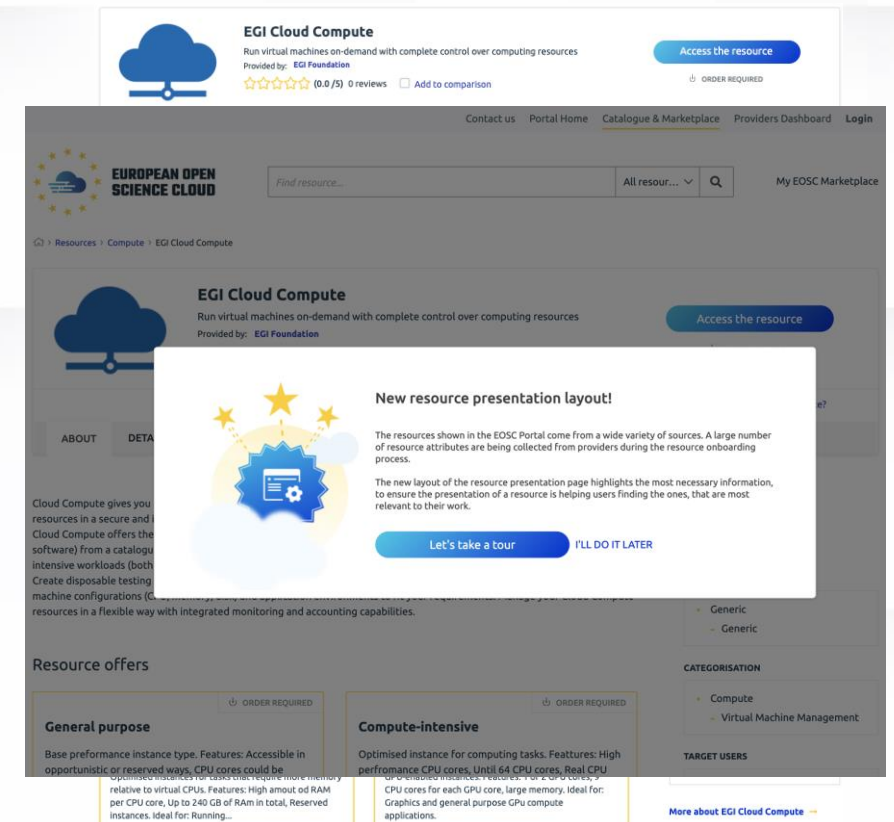
Discovery functionalities

Focus on user perception and information clarity

- Layout designed to promote the data crucial to **assess** the resource

Tour guide to present and explain new layout

- Resource header
- Resource classification
- About section
- Details
- Reviews
- Resource offers



Discovery functionalities

Resource comparison

- **Side-by-side review** of the key resource metadata
- Easy way to **find differences**

Search and filtering

- Enhanced full-text-search methods to find phrases in various resource and offer metadata such as title, tagline, provider fields or offer descriptions
- Resource metadata can be compared by adding resource entries to the comparison tray
- New filters allowing more accurate search

The screenshot shows the EOSC Portal search results for the query 'galaxy'. The page includes a top navigation bar with links like 'Contact us', 'Portal Home', 'Catalogue & Marketplace', 'Providers Dashboard', and 'Login'. The search bar at the top right shows the query 'galaxy' and a dropdown menu for 'All resource...'. The main content area displays 'Looking for: galaxy' with active filters for 'Scientific Domains: Natural Sciences', 'Biological Sciences', and 'Dedicated for: Researchers'. It shows 'Found 6 results' and a 'Sort by: Best match' dropdown. The results list includes:

- Laniakea@ReCaS**: Automatic deployment of virtual Galaxy environments for life science. Provided by: ELIXIR Italy. Scientific domain: Biological Sciences. Dedicated for: Researchers, Research Communities, Research Projects.
- de.NBI Cloud: Cloud Computing for Life Sciences**: Compute Power for your Project. Provided by: de.NBI - German Network for Bioinformatics Infrastructure. Scientific domain: Biological Sciences. Dedicated for: Researchers.
- D4Science Spatial Data Repository**: Repository application to manage spatially referenced resources. Provided by: BlueBRIDGE.

The left sidebar contains a 'Resources' section with a list of categories (Compute, Data management, Networking, Processing & Analysis, Security & Operations, Sharing & Discovery, Storage, Training & Support) and a 'Filters' section for 'Scientific Domains' with checkboxes for various fields like Generic, Natural Sciences, Earth & Related Environmental Sciences, Biological Sciences, Other Natural Sciences, Chemical Sciences, Computer & Information Sciences, Information Sciences, Mathematics, Physical Sciences, Agricultural Sciences, and Agriculture, Forestry & Fisheries.

User Profile

- Interface meant to collect **user-relevant data** to serve EOSC user experience-enhancing functionalities
- Subscription for **notifications** about new resources of interest

Coming soon

- More user profile properties
- Profile based portal personalization
- Portal recommendations to help in browsing resources

The screenshot shows the 'My profile' page on the European Open Science Cloud (EOSC) portal. At the top, there's a navigation bar with the EOSC logo, a search bar, and a 'My EOSC Marketplace' dropdown. The main heading is 'Profile'. Below it, the user's name 'Bartosz Wilk' and email 'b.wilk@cyfronet.pl' are displayed next to a profile icon. A note states: 'By default, system use the e-mail your signed up via EOSC AAI. If you would like those to use other e-mail address, you may modify it using this link.' Below the profile section, there are two main areas: 'ADDITIONAL INFORMATION' and 'EMAIL NOTIFICATIONS', each with an 'EDIT' button. Under 'ADDITIONAL INFORMATION', there are two sections: 'Categories of interests' (listing Compute, Data management, and Processing & Analysis) and 'Scientific domains of interests' (listing Aerospace Engineering, Electrical, Electronic & Information Engineering, and Biological Sciences). The 'EMAIL NOTIFICATIONS' section states: 'You are signed up to receive updates about new EOSC Services in your:' followed by 'Category of interests' and 'Scientific domain of interests'. A note at the bottom of this section says: 'You can add or remove notification channel at any time by editing your subscribe preferences.' The footer contains a grid of links for various EOSC services and a copyright notice for 2018.

EOSC Marketplace Projects

- **Organise EOSC resources** in a manner that suits your work best
- **Collect resources** for your use case together: easily access the collection of your preferable resources
- **Monitor ordering status** for your EOSC resources
- Interact with the EOSC Experts and EOSC Providers to get **support**
- Rate EOSC resources

Contact us Portal Home Catalogue & Marketplace Providers Dashboard Bartosz Wilk Logout

Find resource... All resour... Q My EOSC Marketplace ▾

My projects
Profile

My projects

MY PROJECTS

+ CREATE NEW PROJECT

Welcome to the Marketplace Projects!






With Marketplace Projects you can organise your resources and resource orders into a logical blocks to reflect a common scientific purpose and gain support for the created Marketplace Project.

Create your first project

As the resources available in the Marketplace are available for all European researchers you can precise your customer typology. Tell us, whether you want to use available EOSC resources in the scope of:

- your own academic research,
- larger community collaboration,
- EC project or maybe,

Resource order type

No	Order Type	What does it mean	MP visibility
1	Request/Order required	Accessing the resource requires undertaking an ordering procedure coordinated by EOSC or the Resource Provider	 ORDER REQUIRED
2	Open Access	No ordering procedure necessary to access the resource but user authentication is required	 OPEN ACCESS
3	Fully Open Access	Resource can be used without any constraints	 FULLY OPEN ACCESS
4	Other	Other/unclassified order type	 OTHER ORDER TYPE
5	Various Order Types	Several order types are available for this resource Order type is dependant on the resource offer selection	 VARIOUS ORDER TYPES

Accessing the resource

- The main access point for the resource is the **resource presentation page**
- The page allows to analyse resource offering and **choose the offer appropriate** for the desired use case
- Depending on the order type of the resource offer, next steps will be indicated

EGI Cloud Compute
Run virtual machines on-demand with complete control over computing resources
Provided by: EGI Foundation
★★★★★ (0.0/5) 0 reviews ☐ Add to comparison
ORDER REQUIRED

[Webpage](#) [Helpdesk](#) [Helpdesk e-mail](#) [Training information](#) [Ask a question about this resource?](#)

ABOUT DETAILS REVIEWS (0)

Cloud Compute gives you the ability to deploy and scale virtual machines on-demand. It offers guaranteed computational resources in a secure and isolated environment with standard API access, without the overhead of managing physical servers. Cloud Compute offers the possibility to select pre-configured virtual appliances (e.g. CPU, memory, disk, operating system or software) from a catalogue replicated across all EGI Cloud providers. With Cloud Compute you can: Execute compute- and data-intensive workloads (both batch and interactive). Host long-running services (e.g. web servers, databases or applications servers). Create disposable testing and development environments on virtual machines and scale your infrastructure needs. Select virtual machine configurations (CPU, memory, disk) and application environments to fit your requirements. Manage your Cloud Compute resources in a flexible way with integrated monitoring and accounting capabilities.

Resource offers

General purpose ☐ ORDER REQUIRED

Base performance instance type. Features: Accessible in opportunistic or reserved ways, CPU cores could be overcommitted. Ideal for: Web services, Micro-services, Development...

Show more

PARAMETERS

Number of CPU Cores	1 - 8
Amount of RAM per CPU core	1 - 4 GB
Local disk	10 - 40 GB
Number of VM Instances	1 - 50
Number of days	1 - 730

Select an offer

Compute-intensive ☐ ORDER REQUIRED

Optimised instance for computing tasks. Features: High performance CPU cores, Until 64 CPU cores, Real CPU cores (non-overcommitted), Low latency network, Reserved instances. Ideal for: Batch...

Show more

PARAMETERS

Number of CPU Cores	8 - 64
Amount of RAM per CPU core	2 - 8 GB
Local disk	10 - 40 GB
Number of VM Instances	1 - 50
Number of days	1 - 730

Select an offer

High-memory ☐ ORDER REQUIRED

Optimised instances for tasks that require more memory relative to virtual CPUs. Features: High amount of RAM per CPU core, Up to 240 GB of RAM in total, Reserved instances. Ideal for: Running...

GPU ☐ ORDER REQUIRED

GPU-enabled instances. Features: 1 or 2 GPU cores, 9 CPU cores for each GPU core, large memory. Ideal for: Graphics and general purpose GPU compute applications.

SCIENTIFIC CATEGORISATION

Generic

CATEGORISATION

Compute
Virtual Machine Management

TARGET USERS

Researchers
Businesses
Innovators
Research Projects
Research Organisations

RESOURCE AVAILABILITY AND LANGUAGES

English

More about EGI Cloud Compute

Accessing the resource

- Ordered resources are visible, available to track and use when ready in the project panel
- All resources may be **bookmarked** in the projects for the ease of accessibility

My projects > test > Resource (EGI Cloud Compute)

MY PROJECTS

test

+ CREATE NEW PROJECT

EGI Cloud Compute NEW

< back to test project services

DETAILS **ORDER HISTORY** CONTACT WITH RESOURCE PROVIDER

Resource name: EGI Cloud Compute

Resource offer: General purpose

Order Required: 13.01.2021

Resource access: Order Required

Project name: test

SLA: Service Level Agreement

Providers: EGI Foundation

PARAMETERS

Number of CPU Cores	1
Amount of RAM per CPU core	1 GB
Local disk	10 GB
Number of VM instances	2
Access type	opportunistic
Start of service	01/12/2021
Number of days	2

3 minutes ago **Your resource request has been created**

Resource request status: New

Support channels - projects

Contact with Resource Provider

- Providers support when using the resource
- Incident reporting

Contact with Project Support

- For users looking for **help** in **selecting resources** for their use cases
- Or EOSC experts guidance through **technological or access policy aspects**

Services EDIT DUPLICATE

Created at 12.08.2019 — Single user — drf

RESOURCES **PROJECT DETAILS** **CONTACT WITH PROJECT SUPPORT**

B2FIND Visit website

HADDOCK Visit website

+ ADD SERVICE TO THIS PROJECT

B2FIND Go to the resource

< back to Services project services

DETAILS **CONTACT WITH RESOURCE PROVIDER**

Resource name:	B2FIND
Resource offer:	For Researchers
Added to the project:	26.06.2019
Resource access:	Open Access
Project name:	Services
SLA:	Service Level Agreement
Providers:	EUDAT, Deutsches Klimarechenzentrum

Other support channels

Resource Page - “Ask a Question” button

A user can request clarification or ask a **resource specific question**:

- For authenticated and unauthenticated users
- The question is sent straight to the providers
- The communication is carried out over email

The screenshot shows the EOSC Marketplace interface. At the top, there's a navigation bar with links: Contact us, Portal Home, Catalogue & Marketplace, Providers Dashboard, and a user profile for Bartosz Wilk with a Logout button. Below this is the European Open Science Cloud logo and a search bar with the text 'Find resource...'. To the right of the search bar is a dropdown menu for 'All resour...' and a magnifying glass icon. Further right is a link to 'My EOSC Marketplace' with a dropdown arrow.

The main content area shows a breadcrumb trail: Home > Resources > Processing & Analysis > HADDOCK. Below this is a card for the HADDOCK resource. The card has a header with the HADDOCK logo and the text 'Integrative HADDOCK Provided by:'. Below the header are tabs for 'ABOUT', 'DETAILS', and 'REVIEWS'. The 'DETAILS' tab is selected. The content of the 'DETAILS' tab includes a description of HADDOCK as a web portal for computational proteins and other biomolecules, and a section for 'Ask provider' with a form to ask a question. The form has fields for 'Name and surname *', 'Email *', and a text area for 'Your question to provider about HADDOCK *'. Below the text area is a reCAPTCHA widget with the text 'Nie jestem robotem' and 'reCAPTCHA Prywatność - Warunki'. At the bottom of the form are 'SEND' and 'CLOSE' buttons. To the right of the form is a button labeled 'Access the resource' and a link 'OPEN ACCESS'. Below these is a link 'Ask a question about this resource?' which is circled in yellow. At the bottom right of the card is a section for 'SCIENTIFIC CATEGORISATION' with a list of categories: 'Medical & Health Sciences' and 'Other Medical Sciences'. Below this is a section for 'CATEGORISATION' with a list of categories: 'Data Analysis' and 'Image/Data Analysis'.

Other support channels

Technical issues

- Report problems with the operation of EOSC Portal: Issues are tracked and handled by the Portal support team

Resources

1 - 10 of 271 results

Sort by: Best match

EGI Cloud Compute

Run virtual machines on-demand with complete control over computing resources

Provided by: EGI Foundation

Scientific domain: Generic

Dedicated for: Researchers, Businesses, Innovators, Research Projects, Research Organisations

☐ Add to comparison

THE RESOURCE HAS 4 OFFERS THAT MATCH YOUR SEARCH CRITERIA

General purpose

Compute-intensive

High-memory

GPU

EGI High-Throughput Compute

Execute thousands of computational tasks to analyse large datasets

Provided by: EGI Foundation

Scientific domain: Generic

Report a technical issue

We will send your question to our customer service. You will receive an answer to your email address.

Describe problem precisely *

We will send your report to our customer service. You will receive an answer to b.wilk@cyfronet.pl email address.

☐ Nie jestem robotem



SEND

CLOSE

Report a technical problem

Feedback mechanisms

Service rating and opinions

- Only **used resources** can be rated
- To rate resources -> add them to your Project
- User ratings are used to **measure quality** of the service delivered by the provider

B2FIND

[Go to the resource](#)
[back to Services project services](#)

DETAILS
CONTACT WITH RESOURCE PROVIDER

Resource name:	B2FIND
Resource offer:	For Researchers
Added to the project:	26.06.2019
Resource access:	Open Access
Project name:	Services
SLA:	Service Level Agree
Providers:	EUDAT, Deutsches K

Your review



Thank you for using EOSC marketplace. To help us to improve, please share your experience so far.

Review service

[My projects](#) > [My Aerospace engineering](#) > Resource (HADDOCK)

HADDOCK

Integrative modeling of biomolecular complexes with the user-friendly, EGI HTC-en

Service review

Answer two questions and share your opinion with other EOSC Marketplace users.

1. How satisfied you are with the HADDOCK resource on a scale of 1 - dissatisfied to 5 - very satisfied?

☆ ☆ ☆ ☆ ☆

2. Was adding the resource to the project useful for you on a scale of 1 - not useful at all to 5 - very useful?

☆ ☆ ☆ ☆ ☆

If the above point score is not enough, write more in the field below. Each comment is valid for the EOSC Marketplace community.

Feedback mechanisms

Features' feedback

- To measure user satisfaction a feedback collection mechanism is employed **at the end of the feature tour guide**
- You can **rate features** and **suggest changes** for the Portal developers
- Create the portal with us!

The screenshot shows a feedback form titled "Congratulations!" with a starburst icon. The text reads: "You have completed the resource presentation page tour guide. We hope you like our new resource presentation layout and find the provided information useful. Please take a moment and tell us how do you like the new layout of this page?". Below this is a horizontal rating scale from "Not Useful" to "Very Useful" with a yellow dot indicating a rating. A text box for comments follows, with the prompt "Please also leave a comment on how we can improve it". Below the text box is a checkbox for "Do you want to help us in development of the EOSC Portal? Select the checkbox to be a part of our validation team." with the option "Yes, I want to take part in the EOSC Portal design verification/validation". At the bottom is a reCAPTCHA widget with the text "Nie jestem robotem" and a "Send feedback" button. The background shows the EOSC Science Cloud interface with a sidebar menu and a top navigation bar.

Feedback mechanisms

General EOSC Portal feedback mechanism

- “Provide feedback” ribbon
- If you have **any suggestions** for the EOSC Portal development, operational procedures, resource catalogue quality or EOSC in general you can express them directly in the Portal

The screenshot shows a feedback form overlay on the EOSC Portal. The form is titled "Got feedback?" and contains the following sections:

- Please provide your feedback below:**
- Rate this page*** with five emoji options: Awesome! (happy face), Good (neutral face), Meh! (neutral face), Bad (sad face), and Horrible! (angry face).
- What do you like?*** with a text input field.
- What needs to be improved?*** with a text input field.
- Attach file** with a "Choose Files" button and "No file chosen" text.
- Name** and **Email** input fields.
- ☐ **Include data about your current environment, like the browser and page URL. This helps us understand your feedback better.**
- What is included in the data about my current environment?**
- Submit** and **Close** buttons.

The background shows the EOSC Portal interface with a sidebar for "All Resources" and "Scientific Domains".

Provide feedback

EOSC-Pillar

Coordination and Harmonisation of National & Thematic Initiatives to support EOSC

Get in touch with us!



www.eosc-pillar.eu



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EOSC-Pillar has received funding from the European Union's Horizon 2020 research and innovation Programme under Grant Agreement No. 857650.