The EOSC Future project is co-funded by the European Union Horizon Programme call INFRAEOSC-03-2020, Grant Agreement 101017536
The EOSC Future project is co-funded by the European Union Horizon Programme call INFRAEOSC-03-2020, Grant Agreement 101017536
Data inclusion in EOSC Portal

EOSC handles four type of resources, including Data Sources and Research Products deposited and made available.

Data can be:
- onboard through the EOSC Catalogue
- Harvested from Data Sources onboarded via OAI-PMH
  
https://eosc-portal.eu/eosc-providers-hub

Contains the “EOSC Profiles” (=metadata schemas for consistently describe EOSC Resources):

1. Provider profiles
2. Resource Profiles
3. Catalogue Profiles
4. Research Product profiles
5. Data Sources Profiles

EOSC Explore is a web gateway that offers search and navigation functionalities over a knowledge graph that interlinks EOSC resources with services, projects, founders, organizations, researchers, and research products worldwide. It leverage on the OpenAIRE Research Graph.
Welcome to EOSC Explore

The in-context research discovery portal over the EOSC Exchange and the global map of science.

The EOSC Explore supports discovery of research products and services onboarded in the EOSC Exchange in the wider context of scientific research outcomes, research funding, and research organization. The EOSC Research Graph, powered by the OpenAIRE Research Graph, provides links from products and services to funders, projects, organizations, and authors, collects and infers SDGs subjects, communities, many more. The portal exploits the EOSC Interoperability Framework to identify relationships between research products in the graph and EOSC Services in the EOSC Marketplace, to facilitate and enable composability of resources.
Main Features of EOSC Explore

- Simple and Advanced search
- Filters Customisable response (sorting, number of results)
- Downloadable search results
Filters

- Access
- Year Range
- Document Type (article, dataset, software, etc)
- Field of Science
- Funder
- Country
- Language
- Source
- Research Community
- UN Sustainable Development Goals (coming soon!)
Detailed page

- Tailored for each entity
- Overview
- Relationship
- Statistic and Metrics
- Actions
## EOSC Explore: before and after

### Three tasks accomplished by the focus Group

#### Treasure hunt

The idea was to search specific publication, dataset, and software.

#### Data Journey

The Focus Group looked for data of their interest, data from their domain and they were needing to work with. Can the Explore meet expectations and wishes here?

#### Play!

After the Focus Group searched for the treasures and your own data of interest, please use the advanced search and filters more to see how this works for you.

### Table: Find EOSC portal

<table>
<thead>
<tr>
<th>Find EOSC portal</th>
<th>April '22</th>
<th>June '22</th>
</tr>
</thead>
<tbody>
<tr>
<td>22% - EOSC Association</td>
<td>50% - EOSC Portal</td>
<td></td>
</tr>
<tr>
<td>31% - EOSC Marketplace</td>
<td>11% - other websites</td>
<td></td>
</tr>
</tbody>
</table>

### Table: Search for a specific dataset

<table>
<thead>
<tr>
<th>Overall experience</th>
<th>60%</th>
<th>20%</th>
<th>20%</th>
</tr>
</thead>
</table>

### Table: Usability

<table>
<thead>
<tr>
<th>Usability</th>
<th>80%</th>
<th>20%</th>
</tr>
</thead>
</table>

### Table: Terminology

<table>
<thead>
<tr>
<th>Terminology</th>
<th>40%</th>
<th>40%</th>
<th>20%</th>
</tr>
</thead>
</table>

### Table: Satisfaction on data finding

<table>
<thead>
<tr>
<th>Satisfaction on data finding</th>
<th>60%</th>
<th>40%</th>
</tr>
</thead>
</table>

### Table: Reuse of service

<table>
<thead>
<tr>
<th>Reuse of service</th>
<th>40%</th>
<th>60%</th>
</tr>
</thead>
</table>
EOSC Explore and desired features

- Backlinks to link the data with publications and other sources ✅
- Non-biased search vs. rating by other users (options) ❌
- Keywords/tag-based research and domain specific filters ✅
- Semantic search ❌🔁
- Filter mechanisms ✅
- Worldwide coverage of the sources 🔑
- Licence visibility ✅
- Geographical filters ✅
- Boolean combination ✅
- Filtering per type of data, size and format ✅
The EOSC Future project is co-funded by the European Union Horizon Programme call INFRAEOSC-03-2020, Grant Agreement 101017536

Thank you!

Any questions?