



"What EOSC Science Clusters' changed for us"

Niklas Blomberg, Project Coordinator

EOSC-Life: an open collaborative space for digital biology in Europe



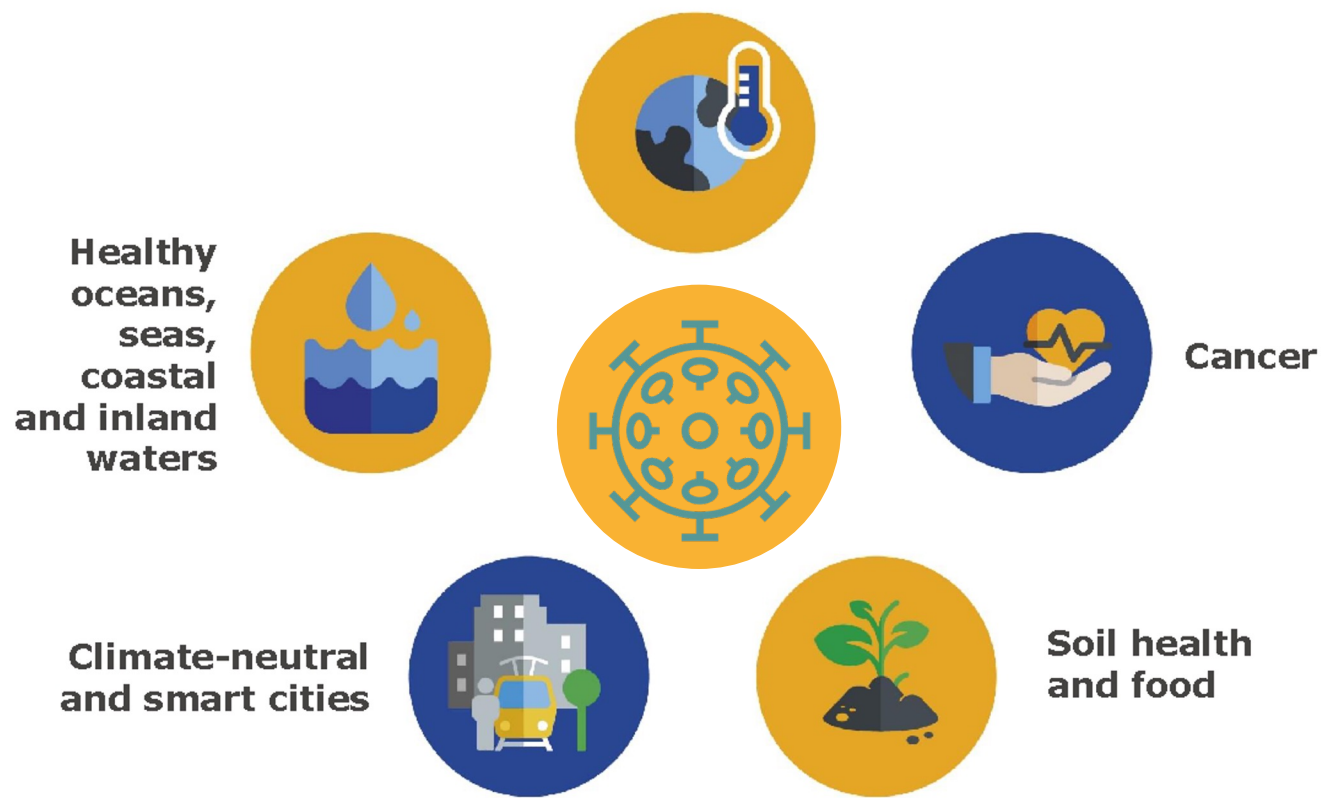
- **Establish** EOSC-Life by publishing FAIR life science data resources in EOSC
- **Provide** the policies, guidelines and processes for secure and ethical data reuse
- **Populate** an ecosystem of innovative life-science tools in EOSC
- **Enable** data-driven research in Europe by connecting life scientists to EOSC via open calls for participation



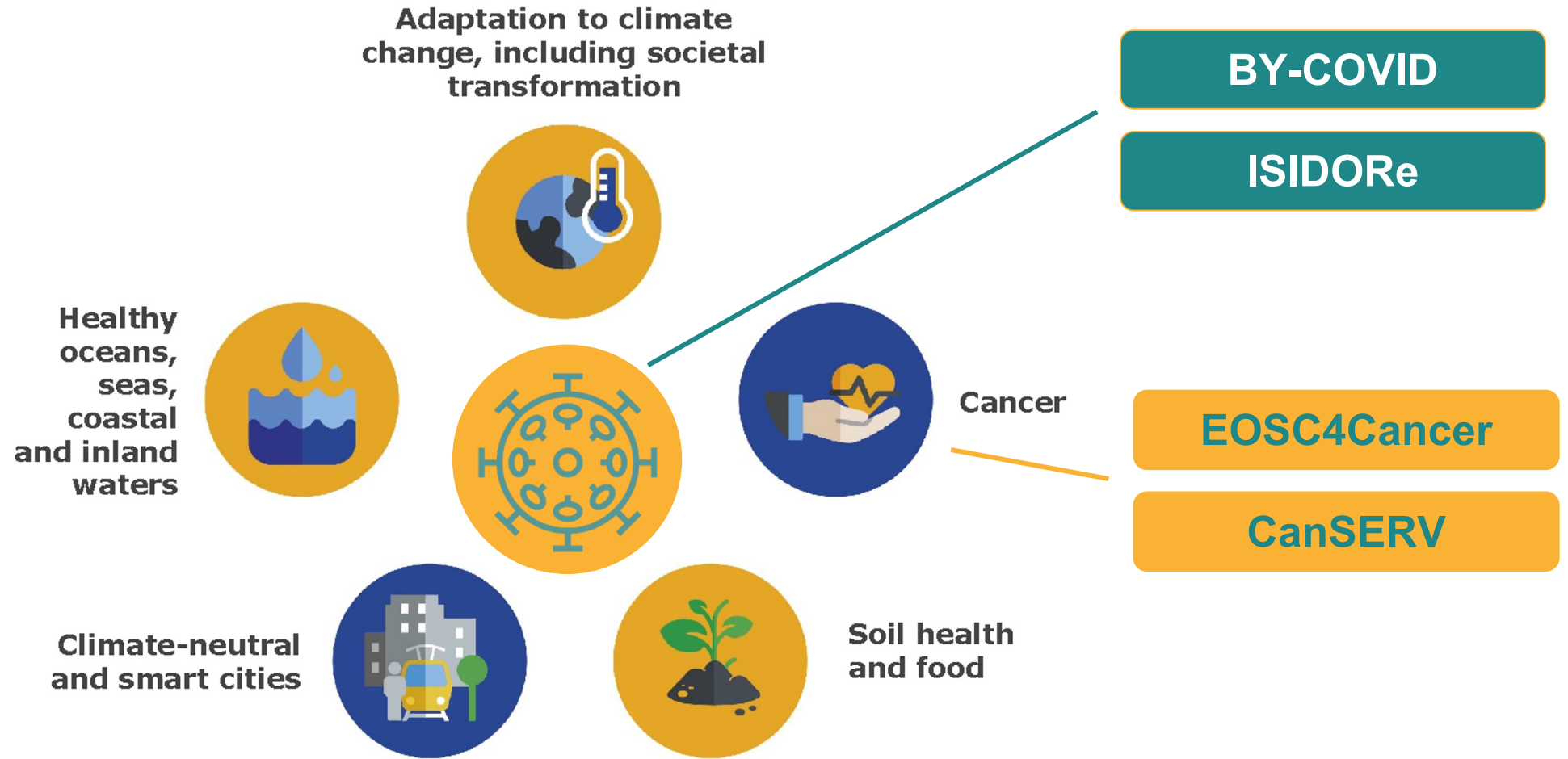
Creation of knowledge by connecting digital life science data will transform our societies and allow us to address major challenges facing humanity



Adaptation to climate change, including societal transformation



Creation of knowledge by connecting digital life science data will transform our societies and allow us to address major challenges facing humanity






What EOOSC Science Clusters' changed for us:

1. A collection of cross-RI, reusable services for data management and analysis



FAIRsharing.org
standards, databases, policies

 Bioschemas.org

 RO-Crate



WorkflowHub

 LS LOGIN

 Galaxy Europe

RMS

 ecrin



 **BY-COVID**

 eosc
cancer

 eosc | EuroScienceGateway

 ISIDORE



 SIMCor



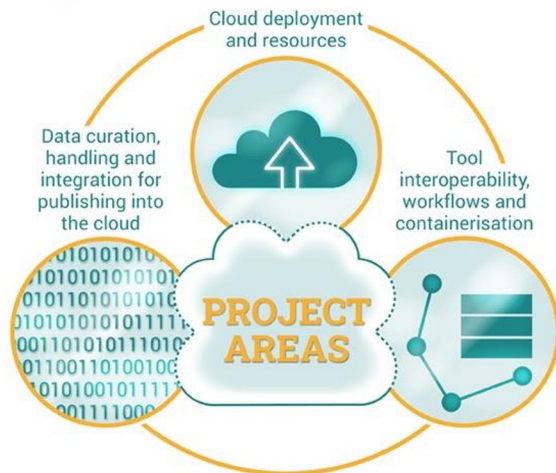


What EOSC Science Clusters' changed for us:

2. Approaches and experience of cross-RI user projects

DIGITAL LIFE SCIENCES OPEN CALL

A European Open Science Cloud (EOSC-Life) call for projects sharing data, tools and workflows in the cloud



THE DIGITAL LIFE SCIENCES OPEN CALL OFFERS:

Funding for project team: roughly 1 full-time salary for project duration (1 year)

Training and technical expertise

Help cloudifying your data, tools and/or workflows allowing access to the greater scientific community

APPLY TO THE OPEN CALL

- Visit www.eosc-life.eu/opencall to review details of the call
- Contact our experts to discuss feasibility
- Submit application via ARIA



WHY EOSC?

A vast amount of data is produced, processed and analyzed daily in the life sciences. The European Open Science Cloud (EOSC) aims to **make data, tools and analysis workflows more findable, accessible, interoperable, and reusable (FAIR)** by the life science community through the **cloud deployment** of these resources.

APPLICATION DEADLINE: 22 DECEMBER 2020

Populating the EOSC with data

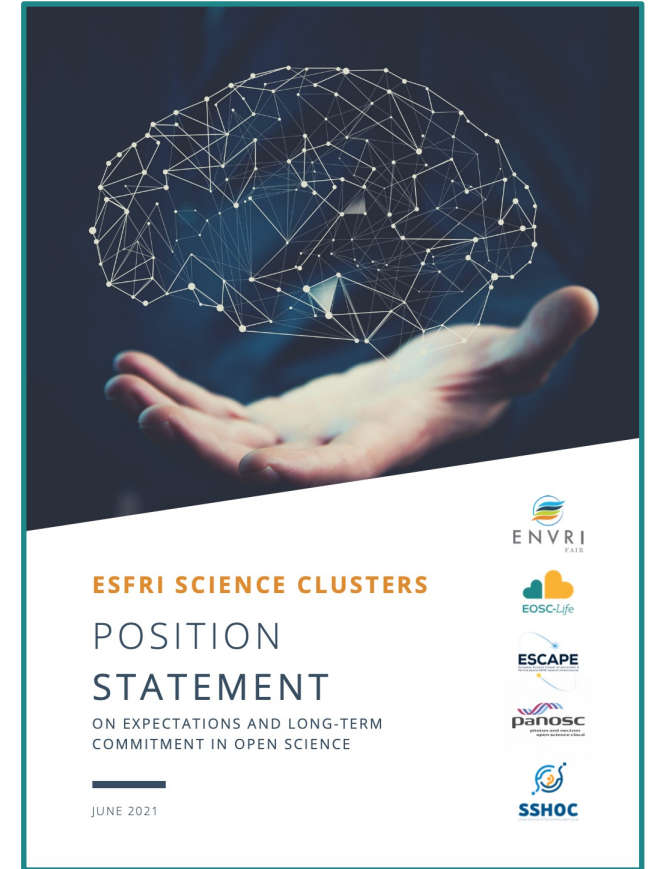
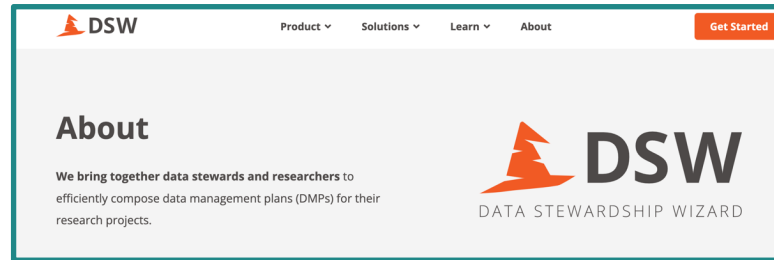
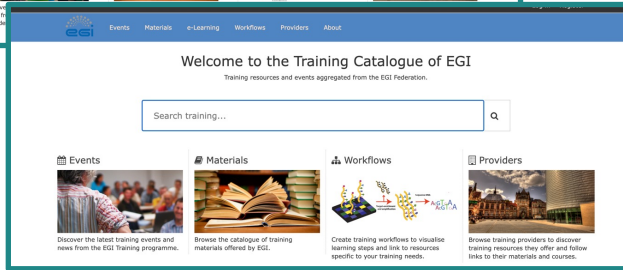
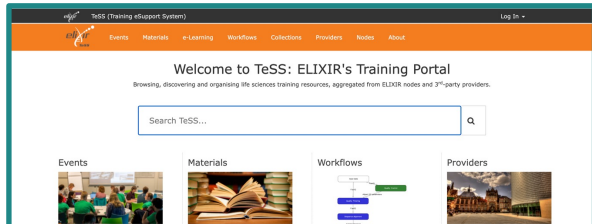
<p>Cloud Data Deployment Call</p>	<p>Clinical Research Metadata Repository</p> <p>GO TO THE META DATA REPOSITORY</p>
<p>SARS-COV-2 Bioactivity data sets</p>	<p>Extension of COVID-19 Data Portal</p>
<p>Demonstrator projects</p>	<p>MICHA: a pipeline to enable the FAIRification of drug screening experiments</p>
<p>Liaison with ISO TC 276-WG5</p>	<p>FAIRsharing</p>





What EOSC Science Clusters' changed for us:

3. Cross-cluster collaboration and service adoption



"What EOSC Science Clusters' changed for us"



- 1. A collection of cross-RI, reusable services for data management and analysis***
- 2. Approaches and experience of cross-RI user projects***
- 3. Cross-cluster collaboration and service adoption***

