Upskilling Countries to Engage in EOSC

Increasing Knowledge and Engagement by Sharing

16 | 11 | 2022 by TF Members, under the lead of Jessica Lindvall (SE) with Claire Clivaz (CH) and Bernd Saurugger (AT)

16 countries in the TF

The TF "Upskilling Countries to Engage in EOSC" is actively working to share both progress and challenges in a way to encourage countries and scientists to become more conscious of and engaged in the EOSC.

We would be eager to welcome representatives from other countries!

Composition of the TF

A Chair, 3 Co-Chairs and 25 members, representing 16 countries

Upskilling countries to engage in EOSC

The Upskilling countries to engage in EOSC Task Force is mainly focused on developments in Open Science education being addressed at Member State level within research performing organisations. The task force will assist in aligning skills initiatives and supporting the onboarding of these into EOSC. Without education in Open Science skills, it would be harder for researchers to live up to the necessary transformation of their working life.

Chairs

Jessica Lindvall
NBIS

Helen Clare
Jisc

Sabina Anderberg
Stockholm University

Zisis Kozlakidis
BBMRI

Board Liaison

Wilhelm Widmark
Stockholm University

Outputs

⬇ Task Force charter

Members

Andersson, Sofia Karlstad University	**Bonacorsi, Daniele** University of Bologna / INFN	**Cebecauer, Marek** Czech Academy of Sciences	**Clivaz, Claire** SIB
Cox, Cymon Centro de Ciencias Do Mar	**Dall, Elke** Centre for Social Innovation	**Dobreva, Milena** Sofia University	**Filiposka, Sonja** UKIM
Flynn, Katherine ISEKI-Food Association	**Garnett, Vicky** DARIAH-EU	**Gruenpeter, Natalia** University of Warsaw	**Hackl, Claudia** University of Vienna
Kádárné Kelemen, Ildikó KIFÜ	**Lazzeri, Emma** GARR	**Marek, Jiří** Masaryk University	**Nazakat, Ali** CNRS
Priess-Buchheit, Julia HS Coburg	**Saurugger, Bernd** TU Wien	**Tanbay, Betül** Bogazici	**Trif, Ioana** UEFISCDI
Weber, Beatrix GÉANT			

Digital version
of the Poster in D3

Regular presentations about OS and EOSC in countries and/or domains

Until October 2022:

EOSC/OS in Material sciences and engineering (Marek Cebecauer)

EOSC/OS in North Macedonia (Sonja Filiposka)

EOSC/OS in Austria (Bernd Saurugger)

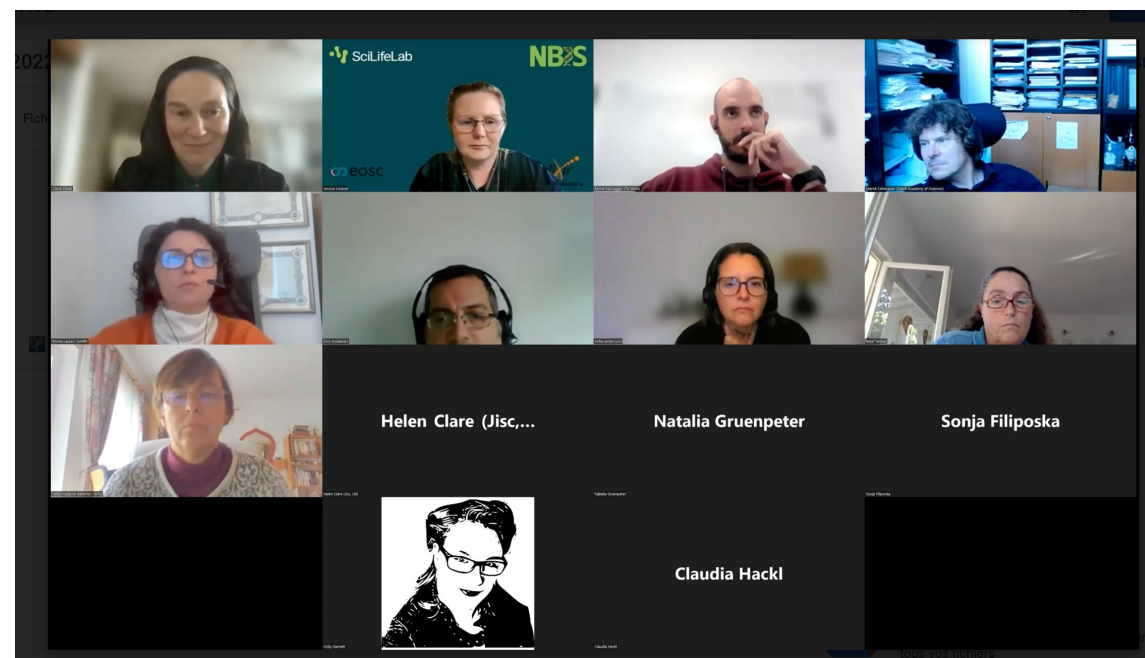EOSC/OS in Food and Nutrition in the H2020 Project FNS-Cloud
(Katherine Flynn)

EOSC/OS in Switzerland and New Testament (Claire Clivaz)

EOSC/OS in Mathematics (Betül Tanbay)

EOSC/OS in Poland (Natalia Grünpeter)

EOSC/OS in Hungary (Ildikó Kádárné Kelemen)

EOSC/OS in Italy (Emma Lazzeri)

EOSC in Austria

EOSC Support Office Austria: a coordinated Austrian contribution to the implementation of EOSC
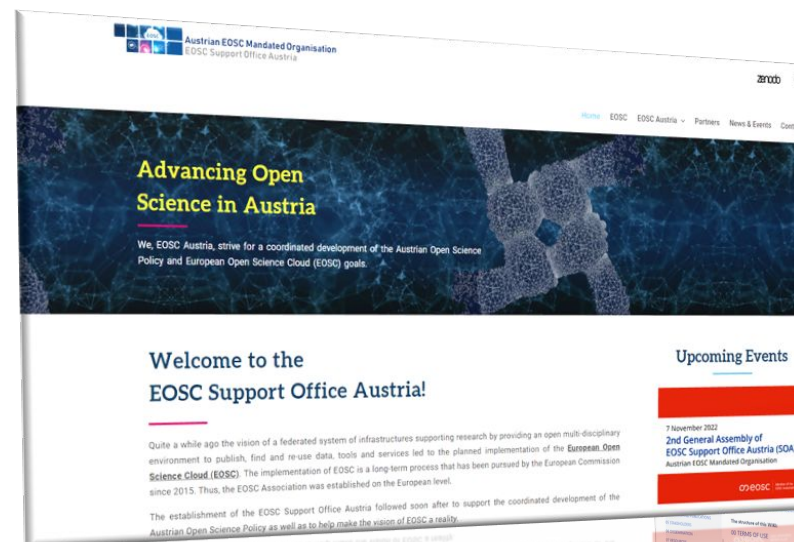
Governance:
- General Assembly
- Management
  - Management Board
  - Secretariat
- Steering Committee
- Synergy Team
- EOSC Café

Working Groups:
- Austria Country Profile
- Collections
- Data Stewardship
- KPIs
- Researcher Engagement
- Stakeholder Engagement
- Technical Infrastructures
- Training

- **Website:** https://www.eosc-austria.at

Contact: contact@eosc-austria.at

- **CoLAB:** https://colab.tuwien.ac.at/display/EOSCAT/EOSC+Support+Office+Austria+Wiki

- **Zenodo Community:** https://zenodo.org/communities/eosc-austria

- **17 Mailing Lists:** ...@eosc-austria.at

Climate Change Center Austria — OBSERVER
Graz University of Technology — MEMBER
Johannes Kepler University Linz — OBSERVER
Natural History Museum Vienna — MEMBER
University of Vienna — OBSERVER
Techinische Universität Wien — MEMBER

Aconet (NREN)
Academy of Fine Arts Vienna
Fair Office Austria
Federal Ministry of Education, Science and Research (BMBWF)
Forum Universitätsbibliotheken Österreichs (UBIFO)
Open Knowledge Maps
Veterinärmedizinische Universität Wien

16 | 11 | 2022 by Bernd Saurugger (AT)

EOSC in North Macedonia

NOSCI@MK:

- Individual members via declaration adoption and promotion
- Organisation members via MoU signing and partnering

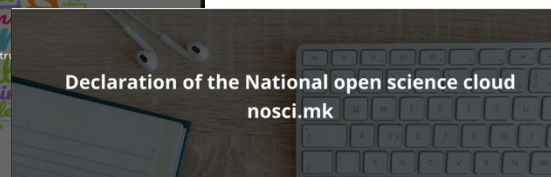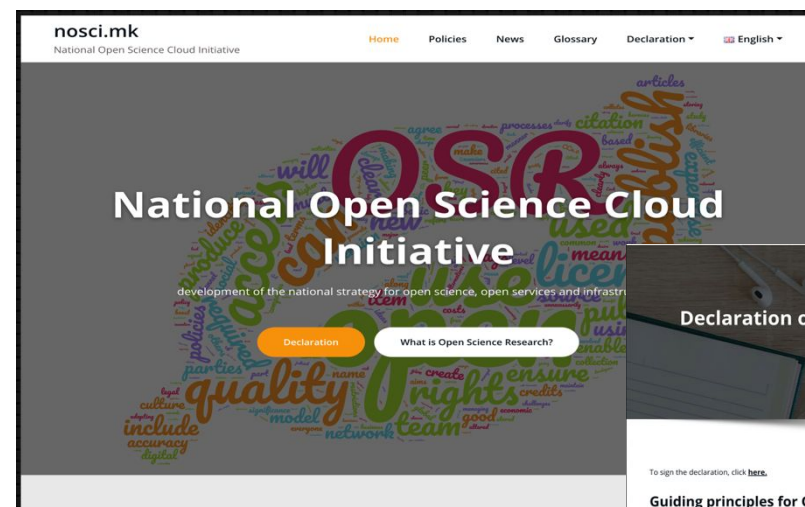## Main Target:

- Young researchers and PhD students

Activities:

- Awareness raising
- Training
- Promotion of synergies
- Open infrastructure
- Open services
- Introducing OS in PhD study programmes

•**Website:** **https://www.nosci.mk/**

nosci.mk
National Open Science Cloud Initiative

National Open Science Cloud Initiative

development of the national strategy for open science, open services and infrastructure

Declaration | What is Open Science Research?

Declaration of the National open science cloud
nosci.mk

To sign the declaration, click here.

Guiding principles for Open Science

• **OS promotion:**
National EOSC Promoters
OS Ambassadors

• **Current Members:**
NREN and all state universities

• **Open Science TV series:**
https://www.nosci.mk/?p=439&lang=mk
https://www.nosci.mk/?p=444&lang=mk

•**Open Science Policies:**
https://www.ukim.edu.mk/dokumenti_m/Open_Science_Policy_UKIM_March_2022-en.pdf

National Open Science Cloud Initiatives

NI⤫OS
National Initiatives for Open Science in Europe

Open Science in Mathematics

Betül Tanbay, vice-President of the European Mathematical Society, EOSC Member

The **European Mathematical Society (EMS)** is the umbrella organization for almost all European Mathematical Societies, including Caucasian, Near Eastern and Middle Eastern countries. Mathematicians, although not always enough connected to research in other fields, have managed to use technology to be able to openly write and share new knowledge. We believe that our established systems can contribute to the development of EOSC.

zbMath Open is the world's most comprehensive and longest-running abstracting and reviewing service in pure and applied mathematics and has been available as open access an open data service, since January 2021.

swMATH is an open access + open data information service for Mathematical software.

MaRDI, the Mathematical Research Data Initiative, is being established as the Consortia Initiative of Mathematical Sciences.

The **European Digital Mathematics Library** (EuDML) project has been funded by the European Commission. The project phase ended with a collection of 228'000 documents and continued as the EuDML Initiative based in Berlin.

For more than 30 years, Mathematicians have been using **arXiv**, an open-access repository of e-prints, to share their research.

EMS considers that APC-based models are harmful and supports fair and sustainable publishing models. The EMS publishing house, **EMS Press**, has chosen to subscribe to **OPEN** (S20) as business model.

EOSC for Humanities and Social Sciences

Bringing up together Humanities and Social Sciences towards EOSC

From 2018 to 2022

… **towards the next steps**

The challenge of EOSC Portal

EOSC has a strong impact on SSH

SSH bring their core-skills in EOSC

Conclusion

What we have learned so far:

A task force is an innovative form of shared knowledge between domains and countries.

According to its Charter, the TF Upskilling Countries is proud to:

- assist and support the onboarding initiatives of EOSC
- promote the exchange of approaches across the member states and regions, organisations and groups.
- foster improvements covering areas such as policy development, infrastructure, investment or skills, in the respect of the needs of each nation.

Thank you for your attention!