Post-Event Report NTE Poland 2023[1]

Country: **Poland**

Place: **Krakow**

Date: **6th – 7th November 2023**

Format: **Hybrid**

National Organisers: **National Science Centre Poland**

1. Overview[2]

The NTE Poland took place on 6 November 2023 in Krakow as part of the EOSC Festival 2023, which is organised by the National Science Centre Poland (NCN), which which coordinates Poland's participation in the EOSC partnership and plays the role of the Polish Mandated Organisation for the EOSC Association. The main objectives of NTE Poland 2023 were: to present the European Open Science Cloud; to strengthen the cooperation and dialogue between key EOSC stakeholders in Poland and the region; to discuss the directions of EOSC strategic development; to increase the visibility of EOSC in Poland.

Marcin Liana, Deputy Director of NCN, opened the event and welcomed the NTE participants. The first panel entitled "Polish Open Science Policy and the EOSC Tripartite Governance" was hosted by the EOSC Tripartite Governance, including the European Commission (EC), the EOSC Steering Committee (MS/AC), the EOSC Association (EOSC-A), as well as the representatives of the Polish Ministry of Science and Education and NCN. In the afternoon, the following sessions took place: EOSC Landscape in Poland (infrastructure, services, skills and training), EOSC and Open Science: Policies and Implementation (panel discussion), The Future of EOSC (panel on "Possible Models of EOSC Development" and a panel discussion entitled "The future of EOSC").

The event hosted more than 40 speakers and panellists from 16 countries. Representatives from 13 Widening Countries actively participated in the discussions and panels, providing insight into the context, current situation and perspectives of both EU Member States and Associated Countries.

2. Main highlights[3]

The event welcomed representatives from European entities, including Bertil Egger Beck from the European Commission's DG Research and Innovation (DG RTD), Volker Beckmann, Chair of the EOSC Steering Board (EOSC-SB) , and Karel Luyben, President of the EOSC Association (EOSC-A). The hosting government was represented by Mateusz Gaczyński from the Polish Ministry of Education and Science and the Mandated organisation was

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[1] This form is a template, but national tripartite event organisers can prepare their report according to these guidelines on their own letterhead.
[2] See examples of similar reports on the EOSC-A website. You can choose a country at: https://eosc.eu/tripartite-collaboration
[3] Include the link to the website where presentations are available

represented by Aneta Pazik-Aybar, the head of the Open Science Team at the National Science Centre Poland.

Polish infrastructures were represented by Krzysztof Kurowski (Poznan Supercomputing and Networking Centre) and Jakub Szlachetko (SOLARIS National Synchrotron Radiation Centre, Jagiellonian University). Polish service providers were represented by Roksana Wilk (Cyfronet AGH in Krakow), Maciej Piasecki, (Wroclaw University of Science and Technology, CLARIN ERIC, CLARIN-PL) and Dariusz Ignatiuk (Polish Polar Consortium). Polish skills and training providers were represented by Gabriela Czarny (National Science Centre Poland), Dawid Matuszek (University of Silesia in Katowice) and Maciej Maryl (Institute of Literary Research of the Polish Academy of Sciences).

The theme "EOSC and Open Science: policies and implementation" was discussed by Mateusz Gaczyński (MES), Marcin Pałys (European University Association), Anna Krivjanská (Slovak Centre of Scientific and Technical Information, Slovakia), Biljana Kosanovic (University of Belgrade, Serbia), Olga Bohuslavova (EOSC CZ Secretariat, Masaryk University, Czechia), Ana Proykova (Sofia University, Faculty of Physics, HPC Laboratory, Bulgaria), Alina Irimia (Executive Agency for Higher Education, Research, Development and Innovation Funding, Romania). The Panel titled "The future of EOSC" was initiated by the presentations from Bertil Egger Beck (European Commission), Volker Beckmann (EOSC Steering Board) and Karel Luyben (EOSC Association) which set the ground for the discussion between Krzysztof Kurowski (Poznan Supercomputing and Networking Centre, Poland), Volodymyr Nochvai (Kyiv Academic University, Ukraine), Ernest Cachia (University of Malta, Department of Computer Information Systems), Tatia Mtvarelidze (Ministry of Education and Science of Georgia), Ivan Maric (University Computing Centre SRCE, University of Zagreb, Croatia) and Arturas Kaklauskas (Research Council of Lithuania).

The diverse agenda addressed critical issues related to Open Science (OS) policymaking and implementation as well as the future of EOSC. One of the major questions was how to enhance EOSC structures in the Widening Countries, considering many similarities, but also differences in their context of the implementation process. Presenters included distinguished guest speakers and contributors from 13 countries, including Bulgaria, CroatiaCzechia, Georgia, Lithuania, Malta, North Macedonia, Serbia, Slovakia, Romania, Ukraine, and Poland. The representatives of the Polish Ministry of Education and Science, along with 19 Polish stakeholders participating in the NTE Poland 2023, demonstrated their long-term commitment to building and developing EOSC infrastructures, services, and skills in Poland to establish a mature and fully operational EOSC national structure.

The day after the NTE Poland 2023, the Regional Hub Round Table Discussion among the representatives of 13 Widening Countries took place at the HQ of NCN in Krakow. The meeting was held within the EOSC Focuse Project (WP2) with the participation of Karel Luyben, President of the EOSC Association and Isabel Caetano, the senior engagement officer in the EOSC Association. The Widening Countries Round Table was followed with the meeting of the members of the Polish national structure – EOSC Poland Network. It was held to discuss the strengths and weaknesses regarding the current EOSC implementation in Poland but also the future opportunities and challenges.

3. Tripartite collaboration

Policy stakeholders emphasised the need for continuous engagement in EOSC at different levels. The EC's Bertil Egger Beck stated, "We are aiming for OS to become a new normal in the EU". His presentation highlighted the ongoing efforts required to achieve OS objectives.

Volker Beckmann emphasised EOSC-SB's role as guardian of the interests of EU Member States and Associated Countries, particularly through monitoring to ensure continuous improvement: "We monitor EOSC to do more and better in the future". He also highlighted the need to support EOSC in the EU's forthcoming Framework Programme 10.

Karel Luyben, President of EOSC-A, demonstrated EOSC's added value in unlocking the full potential of research data for accelerating discoveries and innovations in Europe and beyond. He has highlighted the national-level priorities for 2025-2027 and discussed the EOSC critical convergence phase.

The speakers representing the Tripartite Collaboration also provided insights into the potential scenarios under consideration for the future governance of EOSC.

Bertil Egger Beck presented how "the EU node will enable the federation of national nodes," while Volker Beckman explained the key differences between integrated and hybrid scenarios. Karel Luyben presented the EOSC Association's perspective on the scenarios being considered and presented EOSC-A's proposed model. Which scenarios move forward for further consideration will be the subject of the 28 November EOSC Tripartite Event in Madrid.

4. Government level contributions

Mateusz Gaczyński, Deputy Director Department for Innovation and Development Ministry of Education and Science, mentioned three priority areas of intervention: integration of national infrastructure with EOSC, harmonisation of standards and building institutional capacities. He presented the current landscape of Polish Open Science and indicated challenges regarding the repositories ecosystem, national legislation system, human capacities, and last but not least EOSC visibility in Poland. He acknowledged the progressively increasing engagement of Polish stakeholders, stating: "The more we do for OS, the more it requires from us." He confirmed Poland's readiness to follow the EOSC goals. He has also mentioned that EOSC is necessary to optimise the research budgets but "national administration should be an enabler of EOSC" and the change should be from within to make it sustainable.

Aneta Pazik Aybar, the Head of the Open Science in the NCN presented institutional Open Science Policy and EOSC-related activities of the National Science Centre Poland. She explained the rationale for OS and how the NCN ensured the provision of funds for OS for all research projects funded by NCN (at the level of 2% of indirect costs, at 10.431 million Euro in 2021-22). She demonstrated also the use case of NCN participation in the Chist-era call on „Open and Re-usable Research Data and Software". Finally, she focused on institutional capacity building in the area of OA and RDM through training support addressed to Polish researchers, data stewards and administrative staff of RPOs, in multiple forms, from the MOOC courses to targeted, research domain training schemes.

5. Relevant quotes

Volker Beckmann emphasised the role of EOSC-SB as a guardian of the interests of EU MS/AC, highlighting the importance of the monitoring activities undertaken by the Council: "We monitor EOSC to do more and better in the future". He also highlighted the need to support EOSC in the EU's forthcoming Tania Mtvarelidze (Ministry of Education and Science of Georgia) mentioned that there is no one-fit-all scenario: "It is difficult for Georgia and Ukraine to speak from the same perspective [as other Widening Countries] due to the current situation (…) Equality should be achieved".

National fears were raised by Ernest Cachia (University of Malta, Department of Computer Information Systems): "<<You are not going to lose your creativity you are going to strengthen it!>> It is how to talk to people to convince them to EOSC".

Volodymyr Nochvai (Kyiv Academic University, Ukraine): "Federation will increase the importance of research data".

Krzysztof Kurowski (PSNC, Poland): "The future scenario should take care of small countries that may have problems with core infrastructure, and be flexible for participants".

6. Future plans and actions[4]

The Polish challenges and future actions were presented by Mr Mateusz Gaczyński from the Ministry of Education and Science in the presentation titled "Advancing open science in the context of EOSC implementation – Polish Perspective" in the panel "Polish Open Science Policy and the EOSC Tripartite Governance". Mr Gaczyński identified the following challenges and responsive actions :

Challenge 1: Separate repositories, not a coherent ecosystem

Actions: Work towards the creation of a national system for FAIR research data

Challenge 2: Open science not fully regulated under national law

Action: Reinforcement of opening, sharing and reusing research data in national law

Challenge 3: Insufficient competence and lack of open science experts

Action: Creation of a national competence network for open research data

Challenge 4: Low EOSC visibility, low conviction

Action: Promotional activities and expert support.

In Poland, following the National Act of 11 August 2021 on open data and re-use of public sector information (Journal of Laws of 2021, item 1641), the Ministry in collaboration with

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[4] *If you have access to that information, indicate short term objectives (two years' time) for EOSC development in the **country** and dissemination strategy related to the tripartite event.*

the expert Advisory Group on Open Research Data had prepared the text of the Open Data Policy, which was reported to be currently under the public consultations in Poland.

According to Biljana Kosanovic from the University of Belgrade in Serbia, EOSC is perceived as top-down but it is important to make it bottom-up. However, Tatia Mtvarelidze from the Ministry of Education and Science of Georgia emphasised the importance of the top-down approach, especially the support from the EU in shaping national attitudes, practices and policies.

The equality in contributing and participating in EOSC was mentioned by the representatives of several Widening Countries. It is difficult to find solutions that fit all, due to different political and economic circumstances but also socio-cultural contexts of the MS/AC. Hence the rules of participation should be more equitable and flexible enough for all participating countries to enable their engagement in EOSC instead of creating barriers.

7. Use cases or practices

The EOSC use cases presented during the NTE Poland 2023 are available here.

The use cases mentioned by NCN are briefed below.

Research data management MOOC courses for researchers and data stewards
The MOOC-type courses on research data management are provided free of charge at the basic and intermediate levels for two targeted groups: researchers and data stewards. They have been offered continuously online on the NAVOICA platform starting from October 2023. The basic level course provides participants with basic knowledge of data management, enabling them to develop skills and competencies. The intermediate course is tailored for more experienced participants. In the first three months, over 2700 users registered for all four courses.

See the courses:
Research data management for scientists: basic level
Research data management for scientists: intermediate-level
Research data management for data stewards: basic level
Research data management for data stewards: intermediate level

Research Domain Data Management Webinars
In 2023, NCN launched a series of Research Domain Data Management Webinars conducted quarterly, recognizing the specifics of data management in respective research domains. These webinars demonstrate both the theory and practice of FAIR data management. The service also aims to identify FAIR ambassadors in the research domains to build trust in the FAIRification process. Since 2023, there have been five webinars organised focusing on natural sciences, social sciences and humanities, media and communication, pharmaceutical and health research. Registration levels are estimated between 200 and 500 participants per webinar. All the webinars are recorded and shared online. The webinars are available here.

EOSC Poland Website
Since 2023, NCN has been running the EOSC Poland website, which is co-created by the members of the EOSC national structures – the EOSC Poland Network. This website serves as a one-stop-shop for the EOSC community, offering information on European and Polish stakeholders, activities and standards related to EOSC, as well as advancements, and

funding opportunities both nationally and within the EU. It promotes best practices in data management and appreciates individuals contributing to the Polish EOSC community. Read more here.

NCN Research Data Management requirements

Since 2019, DMPs have been mandatory in every grant application submitted to NCN. In 2020, NCN established a policy on Open Access and FAIR Data. To facilitate the process, the Policy Instruction and Guidelines for Applicants were introduced. In 2022 alone, NCN received 10.5 thousand research applications, requiring authors to acquire the necessary DMP knowledge and skills. Of these applications, 19 per cent (2036) were successfully funded, and the implementation of DMPs played an important role in further advancing data management skills. Read more here.

EOSC Festival

NCN has been organizing the EOSC Festival annually since 2022. This event serves to promote EOSC. Its objectives are to showcase the EOSC, enhance its development, advocate for the EOSC within Poland, and collect insights on best practices regarding infrastructure, services, tools, skills and competencies. It aims to enhance relationships between the EOSC communities within Poland and Widening Countries and to foster dialogue among policymakers, RIs, service providers, funders and research communities. Read more here.

CHIST-ERA Call Open & Re-usable Research Data & Software

In 2022, the National Science Center (NCN) in collaboration with the CHIST-ERA European Coordinated Research Network on Long-term Challenges in Information and Communication Sciences & Technologies announced call *CHIST-ERA Call Open & Re-usable Research Data & Software* for the international projects in three thematic areas related to open science:

- Create, enrich or prepare 'reference data sets';
- 'Editorialization' of data: Reduce the distance between data producer and expected or even unexpected data re-user;
- Processes and tools to describe, share, reference, and archive software source code, to enhance reproducibility of research results.

8. Main indicators

8.1 Indicators Organisation event

The official name of the event:

EOSC Festival 2023. The National Tripartite Event Poland

Starting Date: the 6th November 2023

Ending Date: the 7th November 2023

Thematic profile (was there a specific theme to the event apart from the Tripartite collaboration?): There was a focus not only on Poland but also on a comparative perspective of the Widening Countries.

Target audience:

- *Polish members of EOSC-A and Polish national structure (EOSC Poland Network),*
- *Other representatives of RPOs: authorities, researchers, PhD students, data stewards, administrative staff in charge of research data, RIs and research projects,*
- *Representatives of RFOs,*
- *policy-makers at the national and European level,*
- *representatives of MOs from the EOSC Focus Regional Hub and other Widening Countries*

8.2 Profile of participants

Total number of participants:

- In-person: 50 in-person participants

- Virtual (online): 208

- 40 contributors from 16 countries, including 13 Widening Countries

8.4 Sectors

Research&Development, Education

8.5 EU HE InfraEOSC funded projects, dataspaces or other partnerships participation

EOSC Focus, EOSC Future, NI4OS, OSTrails, Skills4EOSC

Agenda

EOSC Festival 2023. The National Tripartite Event Poland

Date: 6-7 November 2023

Venue: National Science Centre Poland, Twardowskiego 16, Krakow

Day 1: 6 November 2023 (Monday)

Time	Title	Form	Speakers / Panellists
10:30 11:00	**Registration**		
11:00 11:05	**Welcome**		**Director** National Science Centre Poland
11:05 11:10			**Mateusz Gaczyński** Ministry of Education and Science, Poland
11:10- 12:30	**Polish Open Science Policy and the EOSC Tripartite Governance Chair: Monika Góral-Kurbiel, National Science Centre Poland**		
11:10 11:24	EOSC in the EU's Open Science Strategy	Presentation	**Bertil Egger Beck** European Commission
11:24 11:38	The role of EOSC Steering Board in EOSC implementation	Presentation	**Volker Beckmann** EOSC Steering Board (online)
11:38 11:52	EOSC development from the perspective of the EOSC Association	Presentation	**Karel Luyben** EOSC-Association
11:52 12:06	Advancing Open Science in the context of EOSC implementation – Polish Perspective	Presentation	**Mateusz Gaczyński** Ministry of Education and Science
12:06 12:20	Open Science Policy and EOSC-related activities at the National Science Centre Poland	Presentation	**Aneta Pazik-Aybar** National Science Centre Poland
12:20 12:30	Discussion		

12:30 12:45	Coffee Break		
12:45 14:30	**EOSC Landscape in Poland** **Chair: Natalia Galica, National Science Centre Poland**		
12:45 12:55	Infrastructures	Presentations	**Krzysztof Kurowski** Poznan Supercomputing and Networking Centre affiliated to the Institute of Bioorganic Chemistry of the Polish Academy of Sciences Poland
12:55 13:05			**Jakub Szlachetko** SOLARIS National Synchrotron Radiation Centre, Jagiellonian University
13:05 13:15	Skills and training	Presentations	**Gabriela Czarny** National Science Centre Poland
13:15 13:25			**Dawid Matuszek** University of Silesia in Katowice
13:25 13:35			**Maciej Maryl** Digital Humanities Centre at the Institute of Literary Research of the Polish Academy of Sciences
13:35 13:45	Services	Presentations	**Roksana Wilk** Cyfronet AGH in Krakow
13:45 13:55			**Maciej Piasecki** Wroclaw University of Science and Technology, CLARIN ERIC, CLARIN-PL
13:55 14:05			**Dariusz Ignatiuk** Polish Polar Consortium
14:05 14:30	Discussion		
14:30 15:00	Coffee/Lunch Break		
15:00 16:00	**EOSC and Open Science: policies and implementation** **Chair: Maciej Piasecki, Wroclaw University of Science and Technology, CLARIN- ERIC, CLARIN-PL**		
		Panel discussion	**Mateusz Gaczyński** Ministry of Education and Science, Poland
			Marcin Pałys European University Association
			Anna Krivjanská Slovak Centre of Scientific and Technical Information, Slovakia
			Biljana Kosanovic

			University of Belgrade, Serbia
			Olga Bohuslavova EOSC CZ Secretariat, Masaryk University, Czechia
			Ana Proykova Sofia University, Faculty of Physics, HPC Laboratory, Bulgaria (online)
			Alina Irimia Executive Agency for Higher Education, Research, Development and Innovation Funding, Romania (online)
15:50 16:00	Discussion		
16:00 16:15	Coffee break		
16:15 **18:00**	**The future of EOSC** **Chair: Aneta Pazik-Aybar, National Science Centre Poland**		
16:15 16:30	**Possible models of EOSC development**	Presentations	**Bertil Egger Beck** European Commission
16:30 16:45			**Volker Beckmann** EOSC Steering Board (online)
16:45 17:00			**Karel Luyben** EOSC Association
17:00 17:10	Discussion		
17:10 18:00	**The future of EOSC**	Discussion	**Krzysztof Kurowski** Poznan Supercomputing and Networking Centre affiliated to the Institute of Bioorganic Chemistry of the Polish Academy of Sciences Poland **Volodymyr Nochvai** Virtual Center for Digital Innovation NOSC-UA DIH, Open Innovation Lab, Kyiv Academic University, Centre of the Ukrainian National Grid for International Communication, Ukraine **Ernest Cachia** University of Malta, Department of Computer Information Systems **Tatia Mtvarelidze**

			Ministry of Education and Science of Georgia
			Ivan Maric University Computing Centre (SRCE), University of Zagreb, Croatia (online)
			Arturas Kaklauskas Research Council of Lithuania (online)
18:00 18:10	Closing remarks		National Science Centre Poland

Day 2: 7 November 2023 (Tuesday) - INVITATION ONLY

10:00 12:15	**EOSC Regional Hub Round Table: Key challenges of EOSC in the Widening Countries** **Chair: Natalia Galica, National Science Centre Poland**		
10:00 10:05	Welcome		**Aneta Pazik-Aybar** National Science Centre Poland
10:05 10:15	Introduction		**Isabel Caetano** EOSC Association, EOSC Focus Project
10:15 10:30	EOSC and Widening Countries	Keynote	**Bertil Egger Beck** European Commission
10:30 11:10	**The individual country presentations: the National EOSC Readiness**		
	Bulgaria		**Ana Proykova** Sofia University, Faculty of Physics, HPC Laboratory (online)
	Czechia		**Olga Bohuslavova** EOSC CZ Secretariat, Masaryk University, Czechia
	Malta		**Ernest Cachia** University of Malta, Department of Computer Information Systems
	North Macedonia		**Anastas Mishev** University of Ss Cyril and Methodius Faculty of Computer Science and Engineering
	Serbia		**Biljana Kosanovic** University of Belgrade
	Slovakia		**Anna Krivjanská** Slovak Centre of Scientific and Technical Information, Slovakia

	Ukraine		**Sergiy Svistunov** Bogolyubov Institute for Theoretical Physics of the National Academy of Science of Ukraine (online)
11:10 **12:15**	Round Table Discussion: The future of EOSC in the context of the Widening Countries		
	Bulgaria		**Ana Proykova** Sofia University, Faculty of Physics, HPC Laboratory (online)
	Croatia		**Ivan Maric** University Computing Centre (SRCE), University of Zagreb (online)
	Czechia		**Olga Bohuslavova** Masarykova University CERIT-SC/Sekretariát EOSC-CZ
	Georgia		**Tatia Mtvarelidze** Ministry of Education and Science of Georgia
	Lithuania		**Artūras Kaklauskas** Research Council of Lithuania (online)
	Malta		**Ernest Cachia** University of Malta, Department of Computer Information Systems
	North Macedonia		**Anastas Mishev** University of Ss Cyril and Methodius Faculty of Computer Science and Engineering
	Poland		**Aneta Pazik-Aybar** National Science Centre Poland **Maciej Piasecki** University of Science and Technology in Wroclaw, CLARIN ERIC, CLARIN-PL **Jakub Szprot** Interdisciplinary Centre for Mathematical and Computational Modelling University of Warsaw (online) **Raimundas Tuminauskas** Poznan Supercomputing and Networking Centre

				Tomasz Umerle Digital Humanities Centre, the ILR of the Polish Academy of Sciences **Roksana Wilk** Cyfronet AGH in Krakow
	Serbia			**Biljana Kosanovic** University of Belgrade, Serbia **Milica Ševkušić** Open Access Programme, Project Coordinator EIFL - Electronic Information for Libraries
	Slovakia			**Anna Krivjanská** Slovak Centre of Scientific and Technical Information Representatives of EOSC TF Upskilling Countries
	Ukraine			**Volodymyr Nochvai** Virtual Center for Digital Innovation NOSC-UA DIH, Open Innovation Lab, Kyiv Academic University, Centre of the Ukrainian National Grid for International Communication **Sergiy Svistunov** Bogolyubov Institute for Theoretical Physics of the National Academy of Science of Ukraine (online)
12:15 12:30	Closing remarks			
12:30 13:00	Coffee/Lunch Break			
13:00 **15:00**	**EOSC Poland Network: Polish institutions towards the future of EOSC** **Chair: Natalia Galica, National Science Centre Poland**			
13:00 **13:30**	**Welcome & Introduction** **Aneta Pazik-Aybar, National Science Centre Poland**			
	Maciej Bisaga University of Silesia in Katowice **Edyta Bombiak** University of Siedlce (online) **Dominika Czyzak** Nicolaus Copernicus University in Torun **Dariusz Ignatiuk**			

Polish Polar Consortium

Tomasz Jałukowicz
SWPS University

Szymon Kubik
Collegium Medicum of Jagiellonian University

Mariusz Majdański
Institute of Geophysics of Polish Academy of Sciences

Marcin Michalak
Łukasiewicz Research Network – Institute of Innovative Technologies EMAG

Jakub Szlachetko
SOLARIS Centre National Synchrotron Radiation Centre, Jagiellonian University

Aneta Pazik-Aybar
National Science Centre Poland

Maciej Piasecki
University of Science and Technology in Wroclaw, CLARIN ERIC, CLARIN-PL

Jakub Rusakow
Gdansk Medical University

Leszek Szafrański
Jagiellonian University

Jakub Szprot
Interdisciplinary Centre for Mathematical and Computational Modelling University of Warsaw

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Roksana Wilk
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Anna Zatora
University of Lodz