

**Operační program
Jan Amos Komenský**

OPEN SCIENCE SUPPORT IN OP JAC

Programming period 2021 – 2027

Ministry of Education, Youth and Sports



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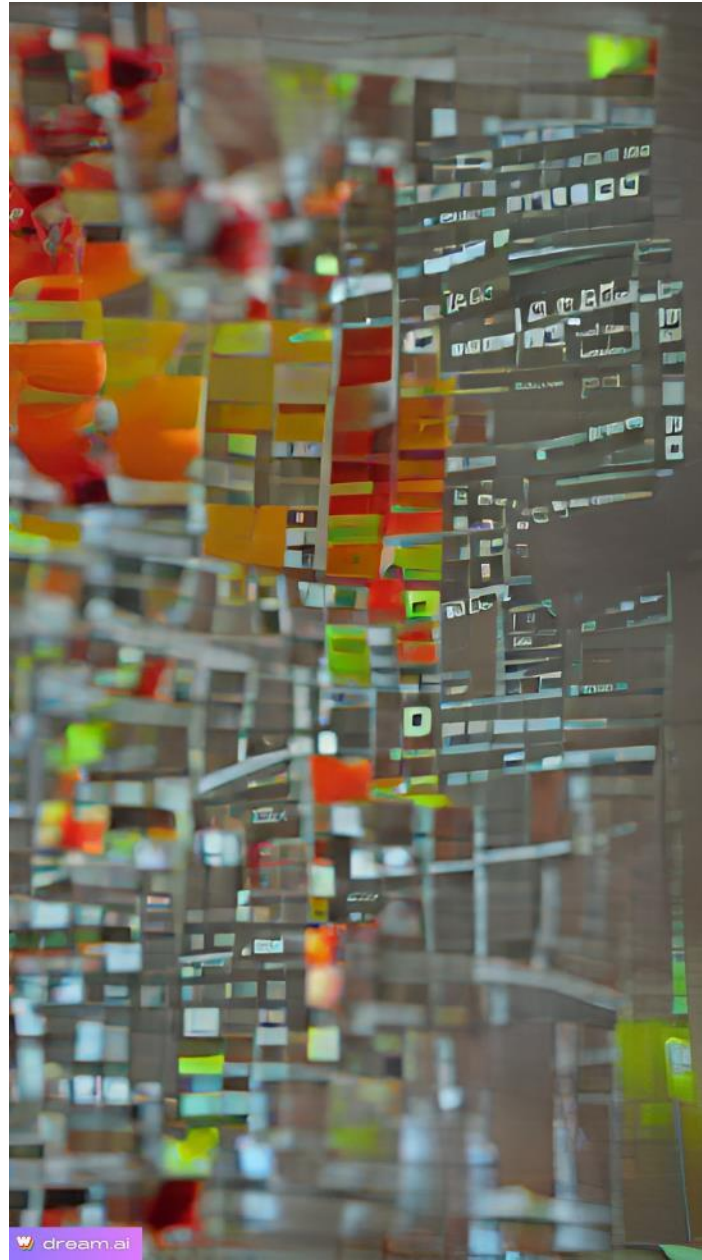
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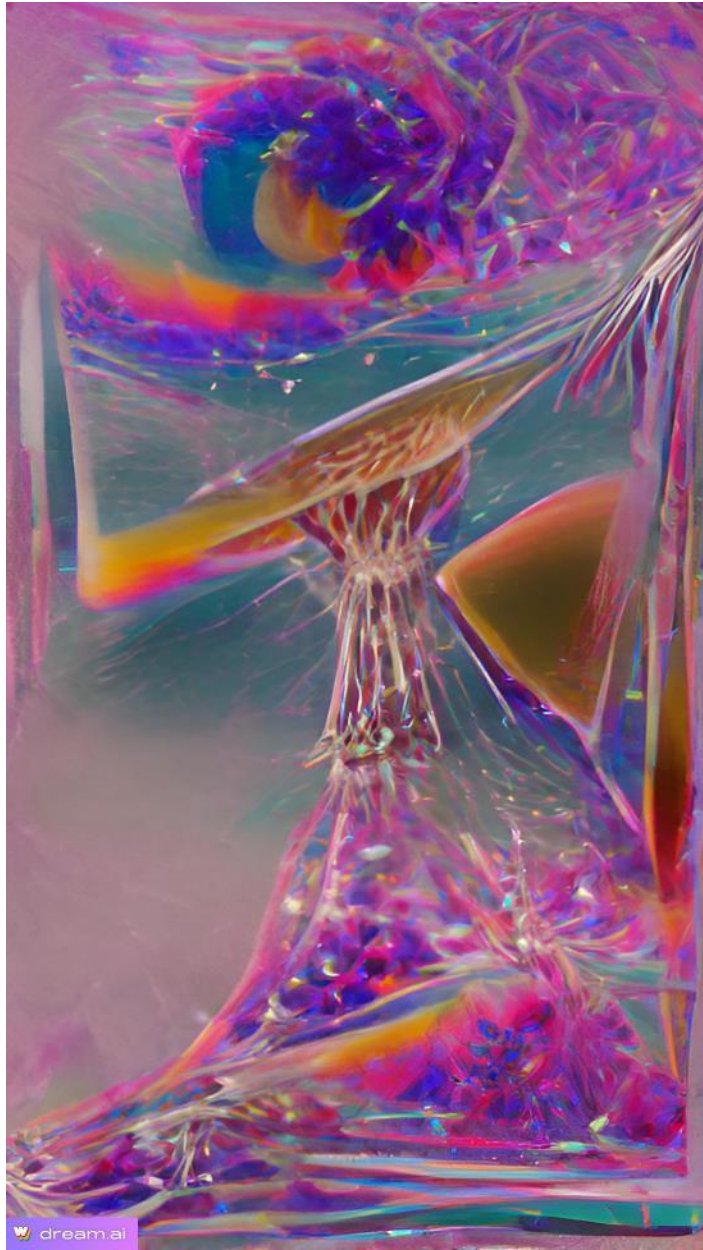
DATA



OPEN DATA



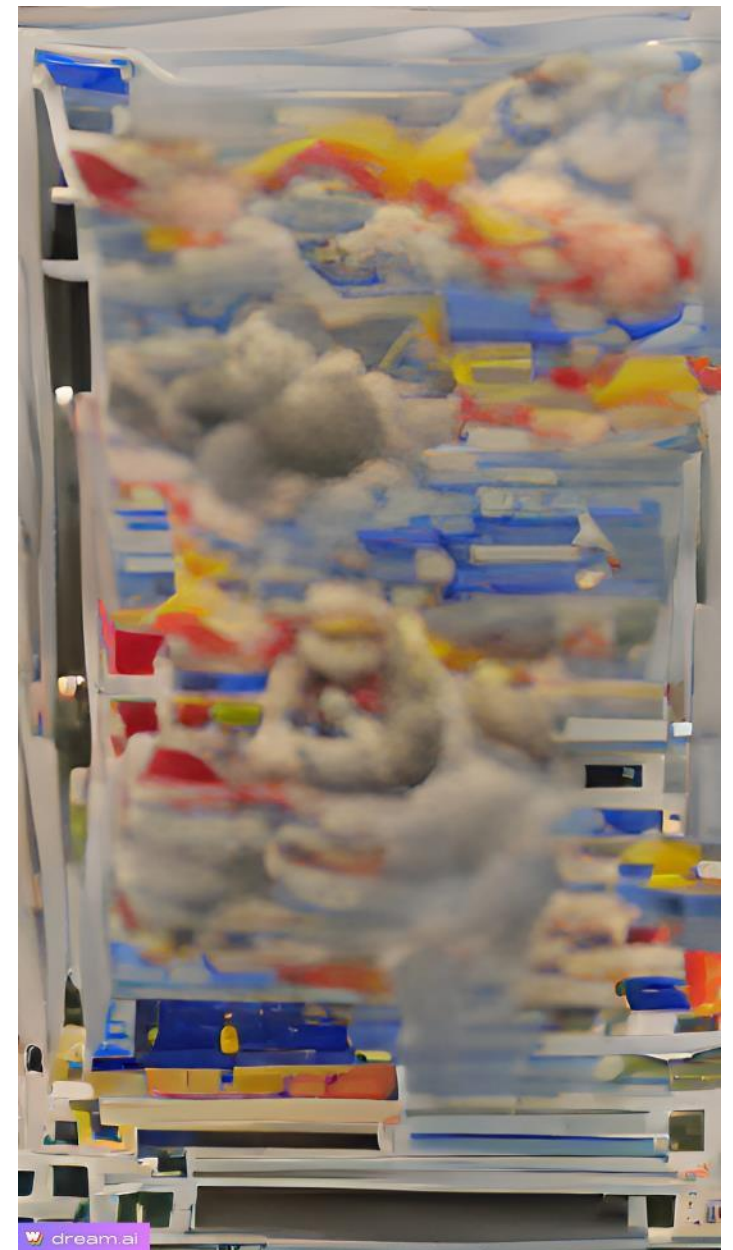
SCIENCE



OPEN SCIENCE



EOSC



SCIENCE



OPEN SCIENCE



EOSC



OPEN SCIENCE & OP JAC

CZ R&D environment needs a **paradigm shift** in the model of management, preservation, access and dissemination of scientific information



It lacks sufficient **infrastructural background & capacity** and **readiness of HR** at national, institutional, and individual level **for implementation of OS principles**

- Support for Open Science = one of the **top priorities of OP JAC** in R&D
- Systemic project EOSC-CZ selected as a **strategic project** of OP JAC
 - project of particular importance for CZ R&D environment
 - special position within comm. and publicity activities of OP JAC including EC
- Support from OP JAC conceived in complex way - at several levels



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ESIF AS A CHANGE DRIVER

What would have happened if...

- Research infrastructure
- Horizon tools for widening, support of under-the-line-projects
- Welcome-grants for researchers coming back from maternity/parental leave
- Systemisation of Electronical Information Resources
- EOSC
- HR award
- Research policy (responsibility) strengthening

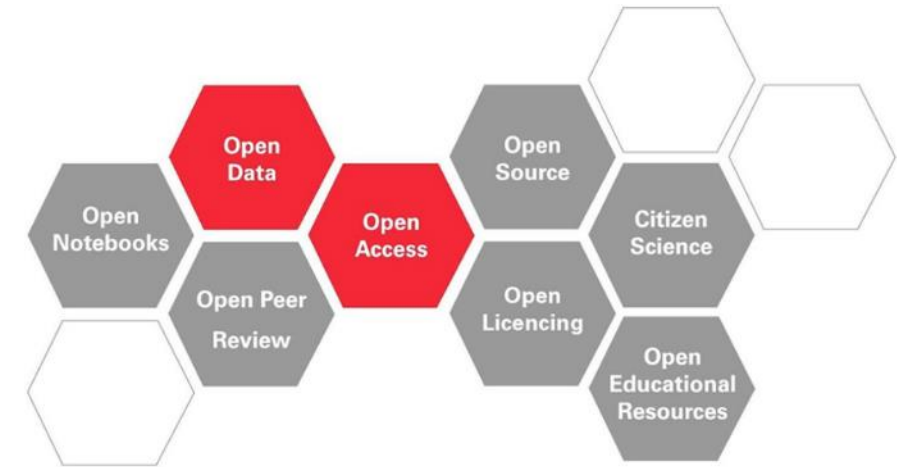


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LEVELS OF OS SUPPORT

- **Systemic projects CARDS and EOSC-CZ**
(„Systemic projects – Research and Development I“ call)
 - **„Open Science“ calls (OS I, OS II, OS III)**
 - **„Research environment“ call**
-
- **Requirements for implementation of Open Science principles in projects in R&D calls (Priority 1 of OP JAC)**



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MLÁDEŽE A TĚLOVÝCHOVY



STRATEGIC APPROACH

Coordination Committee for Implementation of the EOSC Initiative in CZ (CC EOSC) set up in 2021 at MEYS

- expert advisory body to the minister
- brings together high-level representatives of key R&D stakeholders
- adopts recommendations for the preparation of the OP JAC calls
- supervises working groups



Based on:

- **"Architecture of EOSC implementation in the Czech Republic"** - conception approved by the EOSC CC in 2021
- **"Analysis of the current state of capacities for EOSC implementation in the Czech Republic"**, TC Prague, 2022



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SUPPORT OF OS IMPLEMENTATION IN OP JAC

COMPLEX SUPPORT:

4 complementary and interlinked calls

total allocation: $\approx$ 2,5 bil. CZK, i.e. cca 105 mil. EUR

07/2022 – Systemic projects in R&D“ call open – for CARDS and EOSC-CZ

OBJECTIVE: preparation of technological, coordination and organizational background for proper and effective implementation of EOSC in CZ

- Start in **1Q 2023**
- Currently: CARDS with GA signed, EOSC-CZ in evaluation process



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SUPPORT OF OS IMPLEMENTATION IN OP JAC

02/2023 – „Open Science I“ call open

= call for NRP consortium project – as a basis for NDI

- **OBJECTIVE:** exploit the tech. and organizational base built by EOSC-CZ and CARDS and build a basic environment for managing, storing, sharing and working with research data in CZ
- Thematic clusters' experts involved in NRP development, however development of thematic clusters themselves is subject of the later Open Science II call
- Project start: **3Q-4Q 2023** at the earliest



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SUPPORT OF OS IMPLEMENTATION IN OP JAC

2024 – „Open Science II“ call

= call for **thematic (discipline-specific) clusters** and sensitive data management

- **OBJECTIVE:** support further integration and interconnection of NDI with the aim of linking NRP and thematic clusters into a common environment governed by common standards and enabling barrier-free transfer of R&D data across R&D environment
- Project start estimate: **3Q 2024** at the earliest

2025 – „Open Science III“ call

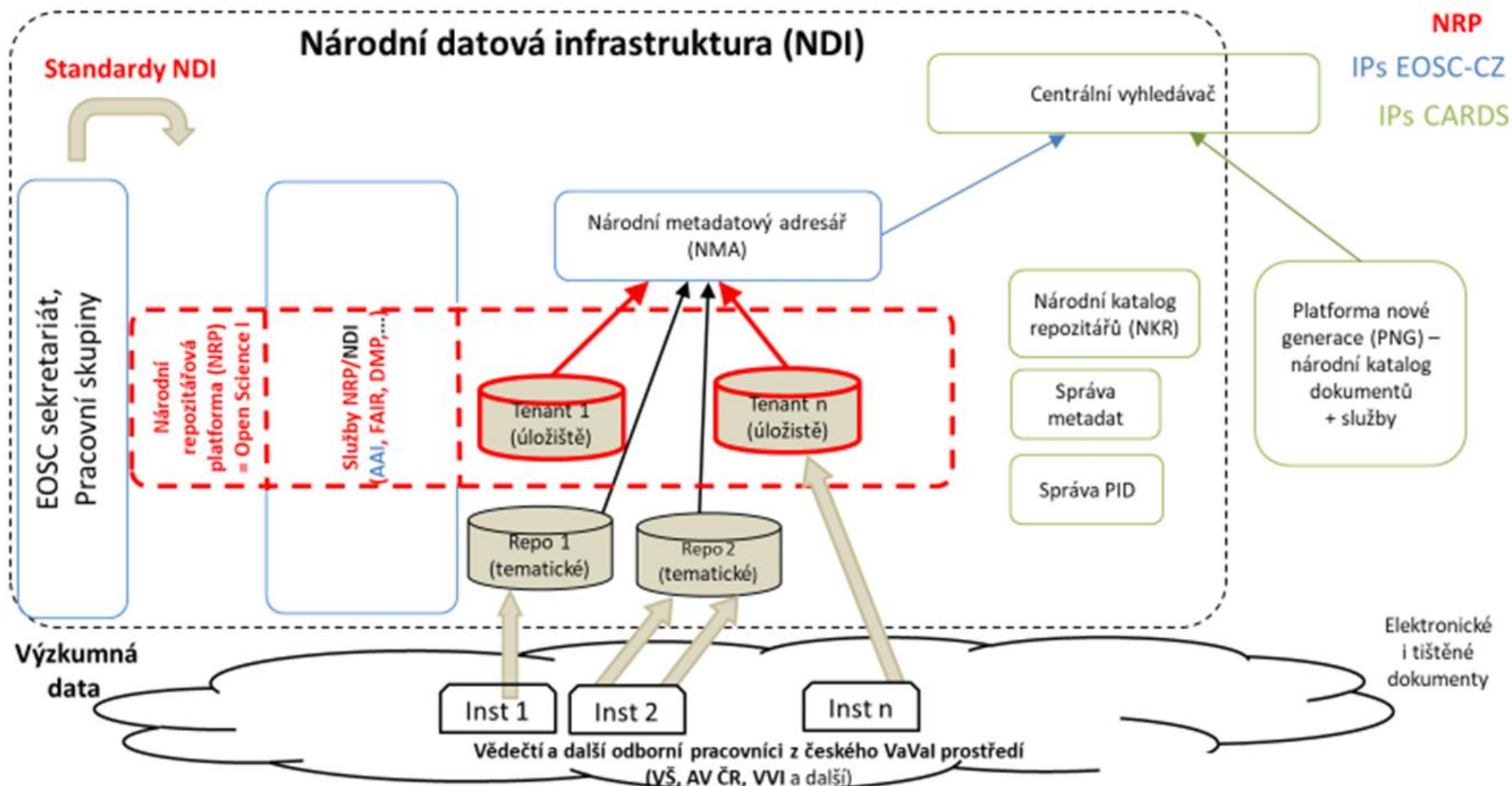
= **Uptake/Upskilling** call

- **OBJECTIVE:** support organisations that only need HR to develop data environment at their institution (without investing in their own repositories). They will use the infrastructure/outputs of projects implemented in OS I and II and systemic projects
- Project start estimate: **3Q 2025** at the earliest



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OS REQUIREMENTS IN R&D PROJECTS

Mandatory practices:

- Open Access to publications
- Data management – FAIR principles, „as open as possible, as closed as necessary“
- agreement on systemic set-up for handling and possible publication („opening“) of R&D results - in the partnership agreement (New! - from 06/2023)

Optional practices: E.g.: early and open sharing of research, open peer review, Citizen Science and involvement of other stakeholders

Open Science Handbook

<https://opjak.cz/dokumenty/otevrena-veda/> (update planned in 06/2023)



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THANK YOU FOR YOUR ATTENTION

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AI: Text to Picture: **DREAM BY WOMBO**, Realistic,
based on JAC famous portrait

