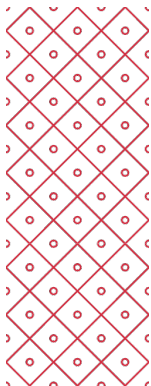




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# **Open Science II Call Project Preparation**

**prof. Ladislav Krištofek, Ph.D.**

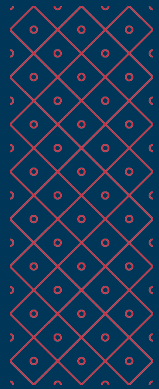
**National EOSC CZ conference 2024, 26th November**



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1. Basic Parameters of the Call
2. Project Basic Conceptual Plan
3. Project Activities
4. Project Preparation Timeline
5. Project Partnership Structure



**#1**

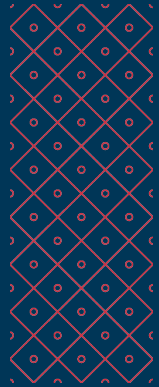
## Basic Parameters of the Call





## Basic Information

- Call for Programme Johannes Amos Comenius (OP JAK) Projects
- The deadline for applications for support receipt: 30 June 2025
- Maximum financial allocation per project : 900 million CZK
  - of which direct costs: max. 640 million CZK
- 'Mini-Projects' costs: max. 20% of a project budget
- Project implementation: until 31 December 2028
- Co-financing: 10%
- Sustainability of outputs: 5 years after the end of the implementation of the project (31 December 2033)



**#2**

# Project Basic Conceptual Plan





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# Open Science II Call

- Part of the Ministry of Education, Youth and Sports (MEYS) system of interventions to support the implementation of the EOSC initiative in the Czech Republic
- Substantively and thematically linked to the EOSC-CZ project and the National Repository Platform
- Consortium structure for the project of Open Science II call
- Charles University has accepted the challenge to be the coordinator of the project
- Basic idea:
  - To support the potential of the institutions and structures that have gradually crystallized in the EOSC working groups (WG)
  - Respect the structure and previous activities of the EOSC Thematic ("Sectoral") Working Groups in the preparation of the project
  - Establish a sustainable consortium model – original structure (10 – 12 partners; final structure of 11 partners and Charles University as the main coordinator)
  - Prepare the project within the framework of defining the project outputs
  - Logical units, products, activities with a clear output to support the EOSC initiative in the Czech Republic and strengthen the disciplinary aspects of research data management



# EOSC Thematic (Sectoral) Working Groups

- Collaboration of experts since approximately 2021, gradual formalization of work
- Number of members in individual WG: 35–81, with more than 450 experts involved across all thematic groups
- Cooperation with The Four Cross-cutting Working Groups of the EOSC initiative
- Support for the group's work provided by the EOSC Secretariat
- Secretaries of the working groups:
  - Leadership and processes in EOSC working groups gradually formalized
  - [Statute and Rules of Procedure for working groups of the EOSC initiative in the Czech Republic \(last version from December 2023\)](#)
- Leaders of individual groups:
  - Confirmation of their status at the beginning of 2024 through elections within individual working groups



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# Eight Sectoral Working Groups



**Bio/Health/Food**



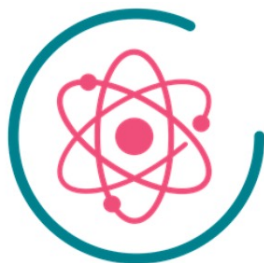
**Materials Sciences and  
Engineering**



**Data Management for Artificial  
Intelligence and Machine  
Learning**



**Social Sciences**



**Physical Sciences**



**Humanities and the Arts**



**Environmental Sciences**



**Sensitive Data**

<https://www.eosc.cz/en/working-groups>





# First Phase of the Project Preparation

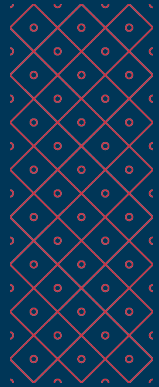
- Interviews with working group EOSC leaders on the idea of outputs
- Connecting potential candidates for involvement in the project to individual working groups
- Identification of outputs of the upcoming project
- Identification of the alignment of planned outputs with the outputs of EOSC-CZ, NRP, and CARD projects, identification of cross-cutting activities
- Determination of the structure of partner institutions based on the working groups nominations
- Phase completed on 14 November 2024 - Meeting of Open Science II project partners' representatives
- Followed by a gradual handover of project preparation from the working group leaders to the partner institutions
- The role of the working group in project preparation remains significant
- Expert community defined, main target group of project output recipients



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# Platform of Open Science II Institutions

- A tool for transparent project preparation and resolution
- Public universities (addressed through the Czech Rectors' Conference)
- Czech Academy of Sciences (CAS)
- Association of Research Organisation
- Research institutes and institutions outside the framework of the Czech Rectors Conference and the Czech Academy of Sciences
- A total of representatives from more than 30 institutions
- Regular meetings and information on the preparation of the project (currently there have been 3 meetings from September to November)



**#3**

# Project Activities





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# Key Activities

## Thematic Key Activity

- Guaranteed by individual partners – TKA guarantors
- Sectoral/thematic cluster: Bio/Health/Food, Material Sciences and Engineering, Data Management for Artificial Intelligence and Machine Learning, Social Sciences, Physical Sciences, Humanities and Arts, Environmental Sciences, and Sensitive Data
- Fulfills activity outputs according to the division of activities 2 – 6 (the next few slides).

## Cross-Cutting Key Activity

- Guaranteed by Charles University, in collaboration with CESNET
- Addressed topics: cybersecurity, help desk + conferences, education
- Outputs necessary for integration into the National Data Infrastructure (NDI) and National Repository Platform (NRP); outreach activities for the entire project (e.g., annual conference)



# Project Activities

## Activity 2 - Repositories

- Outputs: upgraded and new repositories
- Mandatory connection to the NDI - NRP outputs (see the document [Fulfilment the obligation to connect to the NRP and NMA and their integration into the jointly built NDI](#)) and CARDS - NMA outputs

## Activity 3 - FAIRification of data in repositories

- Outputs: metadata model, analysis, software, methodology/standard, dataset, etc.



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# Project Activities

## **Activity 4 - Development and pilot implementation of tools and services for NDI development**

- Outputs: tools for NDI development, services for NDI development

## **Activity 5 - Communication, outreach and education activities**

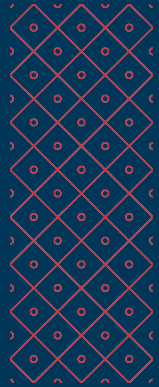
- Outputs: given the limited allocation and the topic being addressed within the NRP, we propose organizing an annual conference about disciplinary specifics of research data as part of the Open Science II project
- Further presentation of outputs by agreement throughout the national EOSC support
- Presentations and cooperation with foreign institutions



# Project Activities

## Activity 6 - 'Mini-Projects'

- **Method of extending support beyond the partnership structure and supporting outputs**
- The goal of the mini-projects is to ensure outputs needed for the project/ecosystem of the National Data Infrastructure
- The entire grant scheme is administered by Charles University, with distribution through a grant scheme with open calls, selection will follow specific methodology
- Only research institutions can be recipients of mini-projects
- Maximum duration of mini-projects: 18 months
- Maximum funding for a single mini-project: CZK 4,500,000.
- Co-financing by the recipient of the mini-projects: 10%
- Sustainability at the institution where the output remains
- Funding will be provided using simplified reporting methods—reduced administrative burden during implementation
- Creation of specific conditions for mini-projects activities—currently being addressed at Charles University



**#4**

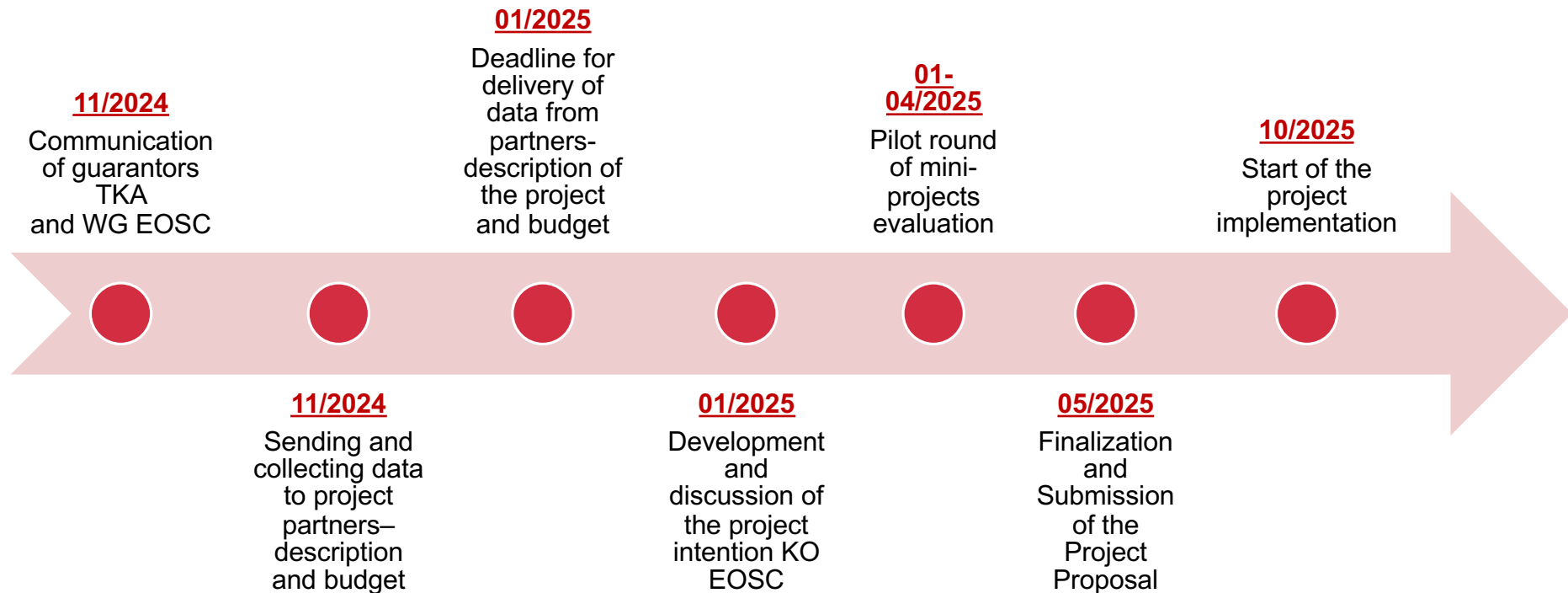
# Project Preparation Timeline

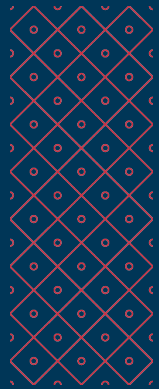






# Preparation Timeline





**#5**

# Project Partnership Structure



# Thematic Key Activities Guarantors (TKA)



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**INSTITUTE OF ORGANIC CHEMISTRY  
AND BIOCHEMISTRY OF THE CAS**



Bio/Health/Food

**J. HEYROVSKY INSTITUTE  
OF PHYSICAL CHEMISTRY**



Materials Sciences and  
Engineering

**VSB – TECHNICAL  
UNIVERSITY OF OSTRAVA**



Data Management for Artificial  
Intelligence and Machine  
Learning

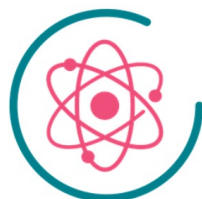
**INSTITUTE OF  
SOCIOLOGY OF THE CAS**



Social Sciences

**CHARLES UNIVERSITY**

**INSTITUTE OF PHYSICS  
IS ONE OF THE CAS**



Physical Sciences

**THE INSTITUTE OF CZECH  
LITERATURE OF THE CAS**



Humanities and the Arts

**MASARYK  
UNIVERSITY**



Environmental Sciences

**CESNET**



Sensitive Data



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## Responsibility of the TKA Guarantor

- Responsibility for coordinating the preparation and implementation of the key activity, preparation of documents
- Responsibility for the implementation of the project in meeting the sub-outputs, indicators and activities of the project, preparation of documents for implementation reports/payment requests
- Responsibility for the coordination of activities in the sustainability of the key activity
- Responsibility for ensuring communication with the Charles University project team



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## **Project partners who are not TKA Guarantor**

Assumption of involvement of experts from these institutions in multiple TKAs.

- Brno University of Technology
- Palacký University Olomouc
- University of West Bohemia



# Responsibility of a partner who is not a TKA Guarantor

- Cooperation with the TKA or Cross-Cutting Key Activity (CKA) Guarantor in the preparation of the given key activity, preparation of documents and adherence to the schedule at the time of preparation of the project proposal
- Responsibility for project implementation in meeting the sub-outputs, indicators and activities of the project, preparation of documents for implementation reports/payment requests
- Responsibility for the TKA or PKA outputs addressed by the time of sustainability, preparation of documents for sustainability reports and maintenance of outputs
- Responsibility for ensuring communication with the Charles University project team and the TKA or PKA project team respectively



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## Communication Email

- Team email: [eosc2@ruk.cuni.cz](mailto:eosc2@ruk.cuni.cz)

## Preparatory Team of Project Support Department, Charles University

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- Mgr. Jan Tuček, Ph.D.
- Jana Marková
- Ing. Michal Čech



# Thank you for your attention!

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