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Data Management Planning within the EOSC CZ - Czech National Data Infrastructure for Research Data

Jiří Marek, Head of EOSC CZ Secretariat

ISGC 2025

(credits to Matej Antol, Ph.D.)

19.3.2025

Spolufinancováno Evropskou unií

MINISTERSTVO ŠKOLSTVÍ, MLÁDEŽE A TĚLOVÝCHOVY

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In this presentation

- From Open Science to FAIR Data
- From EOSC to EOSC CZ Initiative – two years in the making
- Czech National Data Infrastructure and e-INFRA CZ
- First glimpses at the EOSC CZ services and how to deal with automatization
- What’s next

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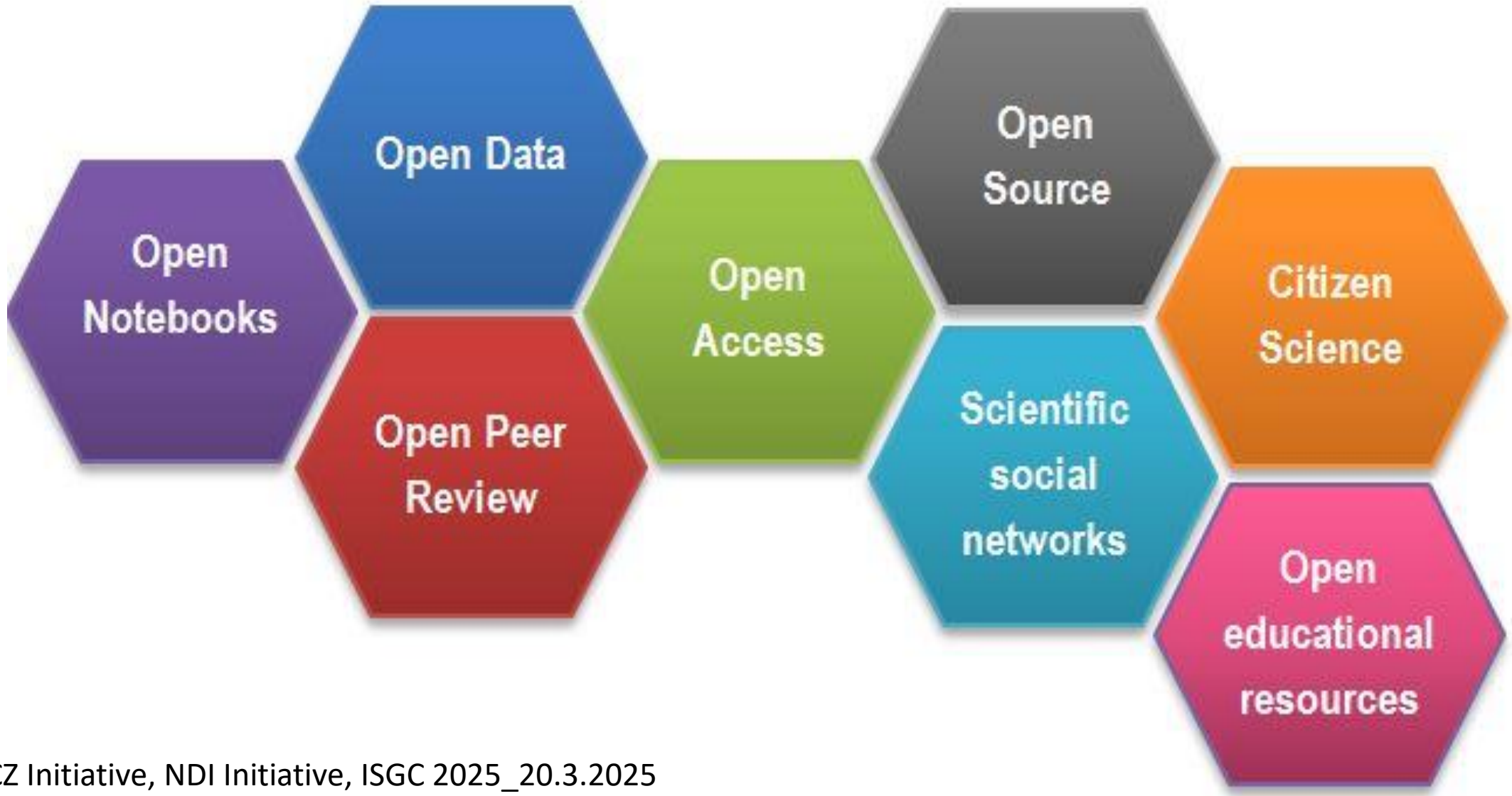
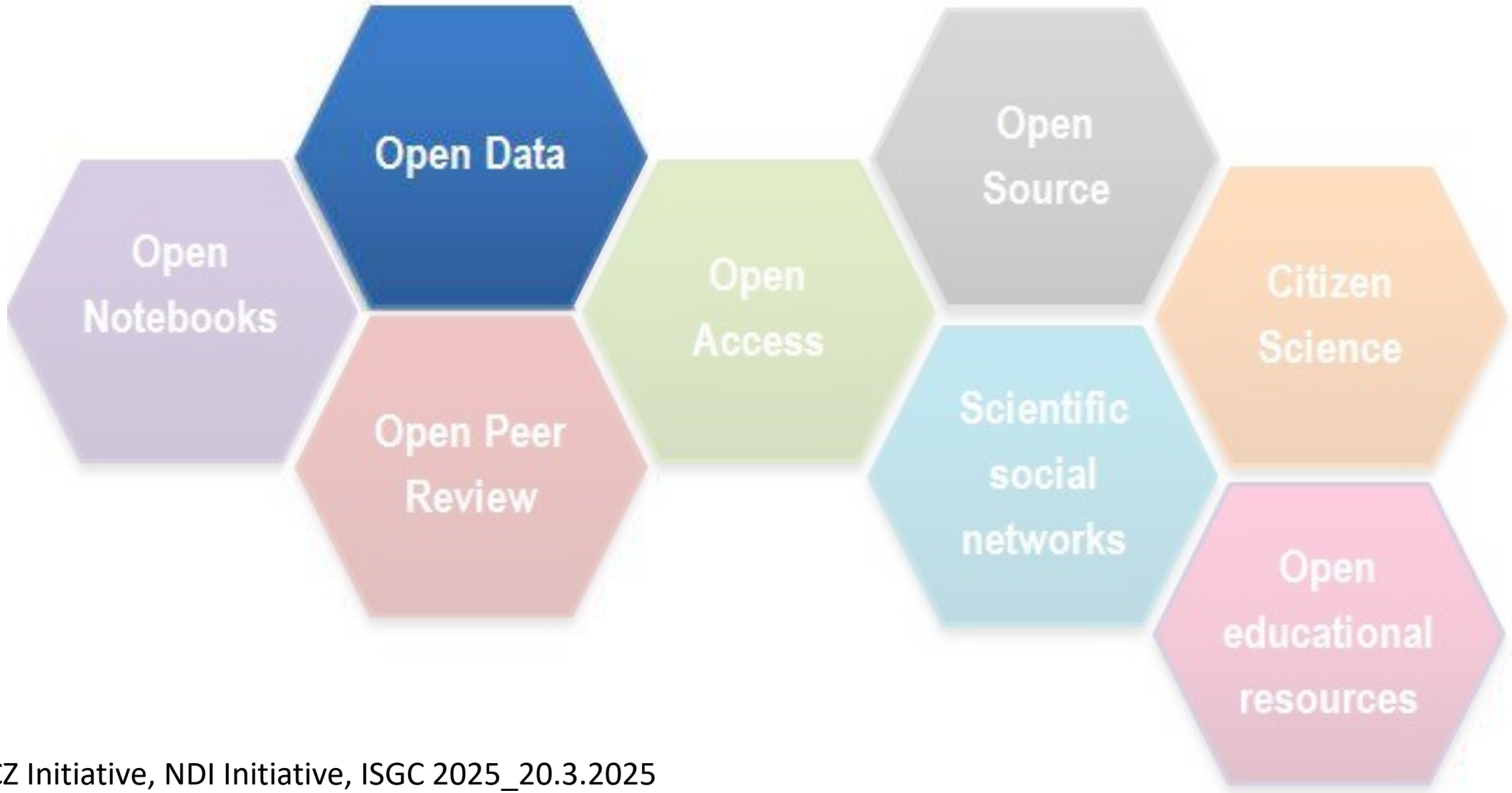
From Open Science to FAIR Data


Open Data
Open Source
Open Notebooks
Open Access
Citizen Science
Open Peer Review
Scientific social networks
Open educational resources


Open Data
Open Notebooks
Open Peer Review
Open Access
Open Source
Scientific social networks
Citizen Science
Open educational resources

~~OPEN~~ -> FAIR data

- Concept of open data simply **can't serve as a guiding principle for all** research data
  - Some are sensitive
  - Some have licencing restrictions
  - Some provide competitive advantage
  - Missing incentives
  - …

- Pragmatically, so-called **FAIRness of data may and should be pursued**
  - **F**indable
  - **A**ccessible
  - **I**nteroperable
  - **R**eusable

- FAIR data == **well managed data**

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FROM EOSC to EOSC CZ

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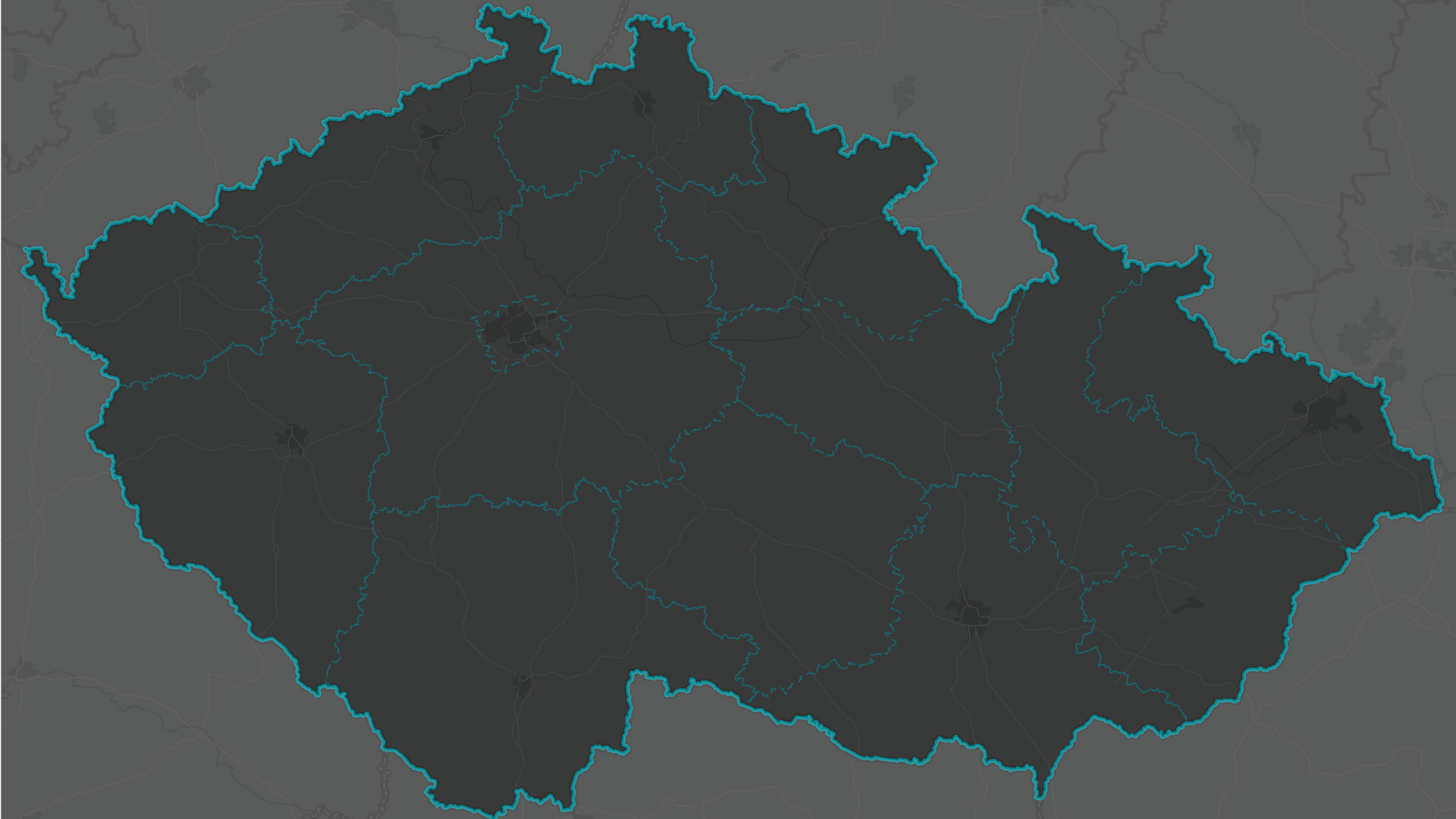
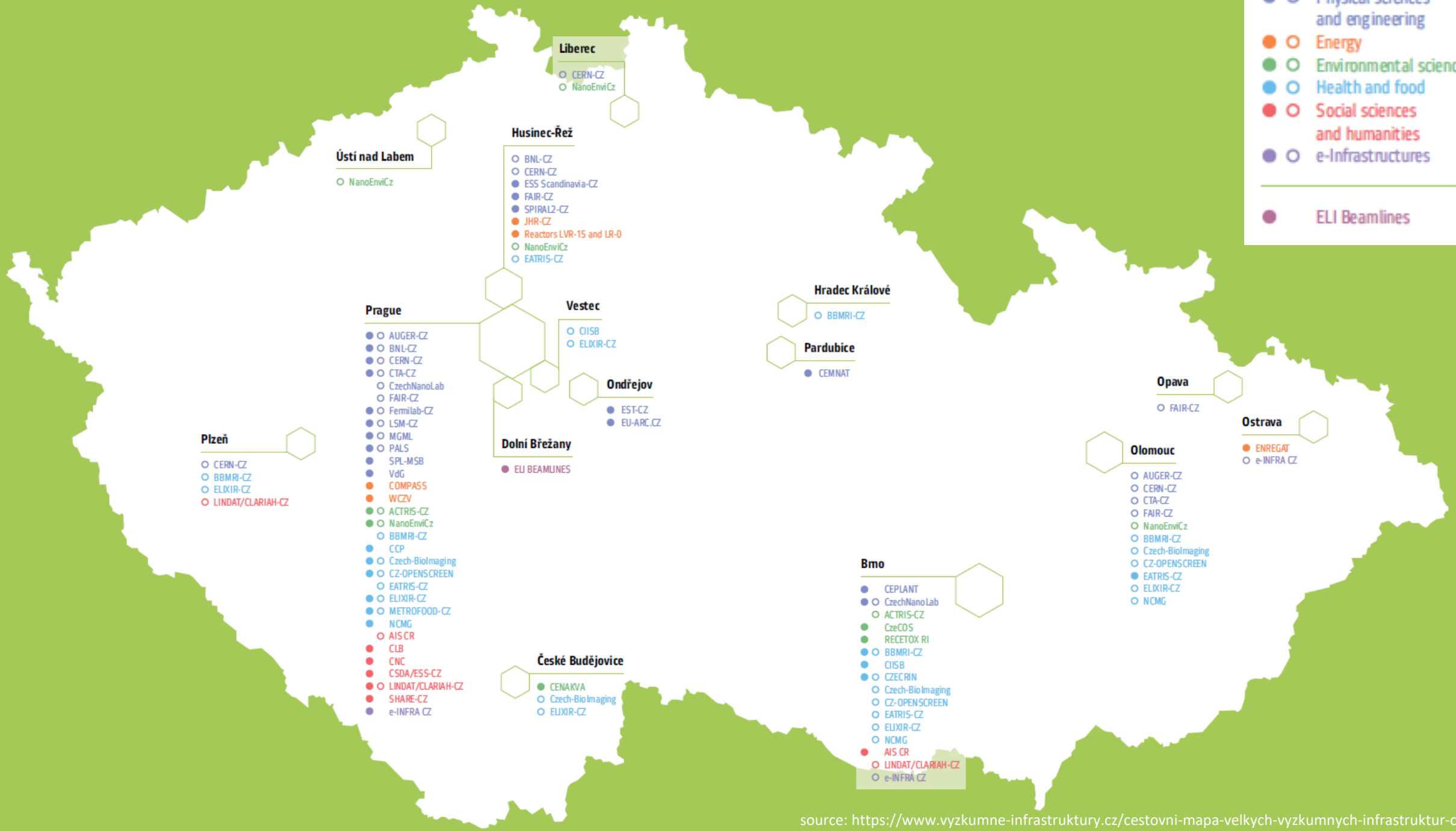
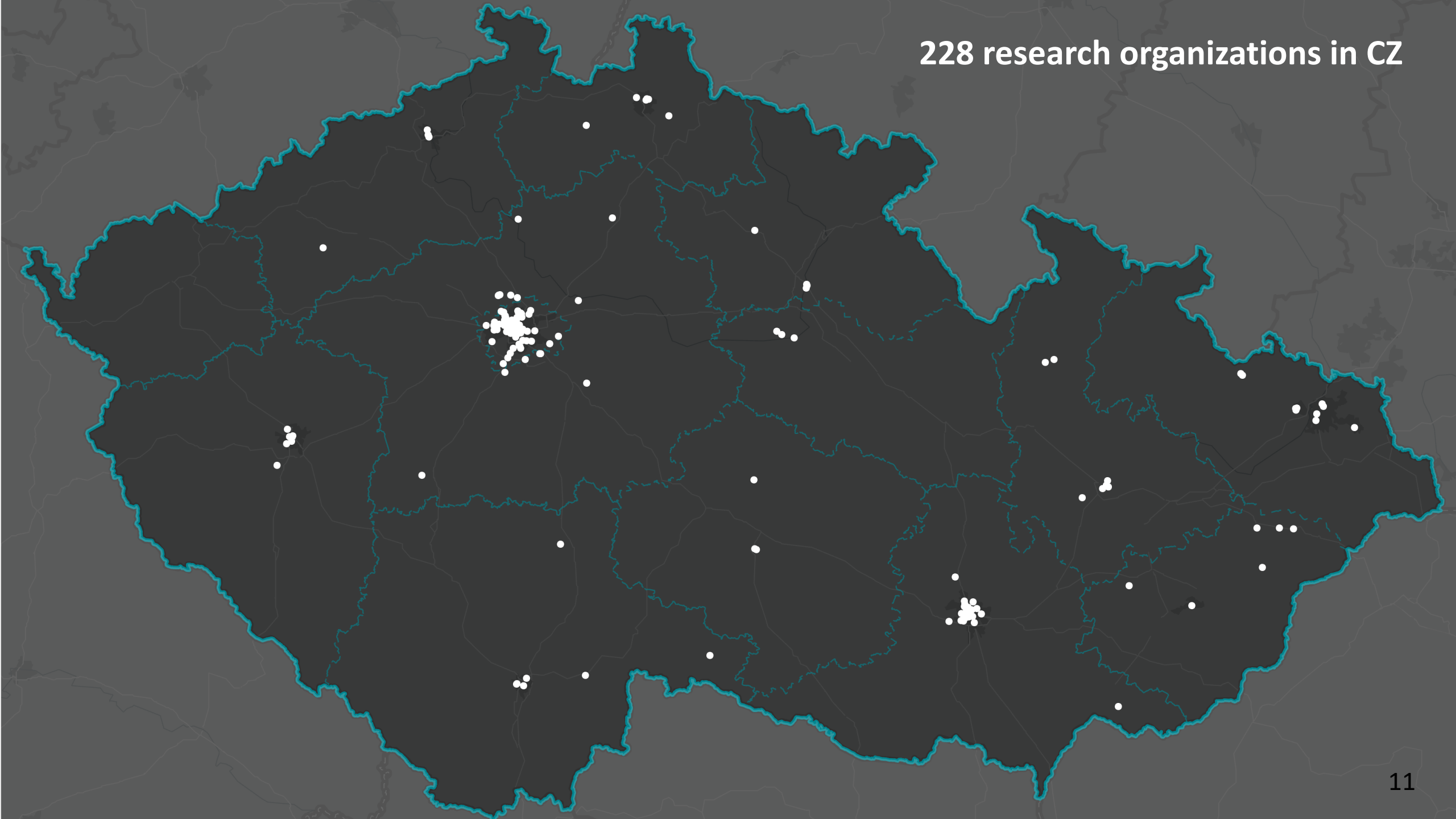
European Open Science Cloud (EOSC)

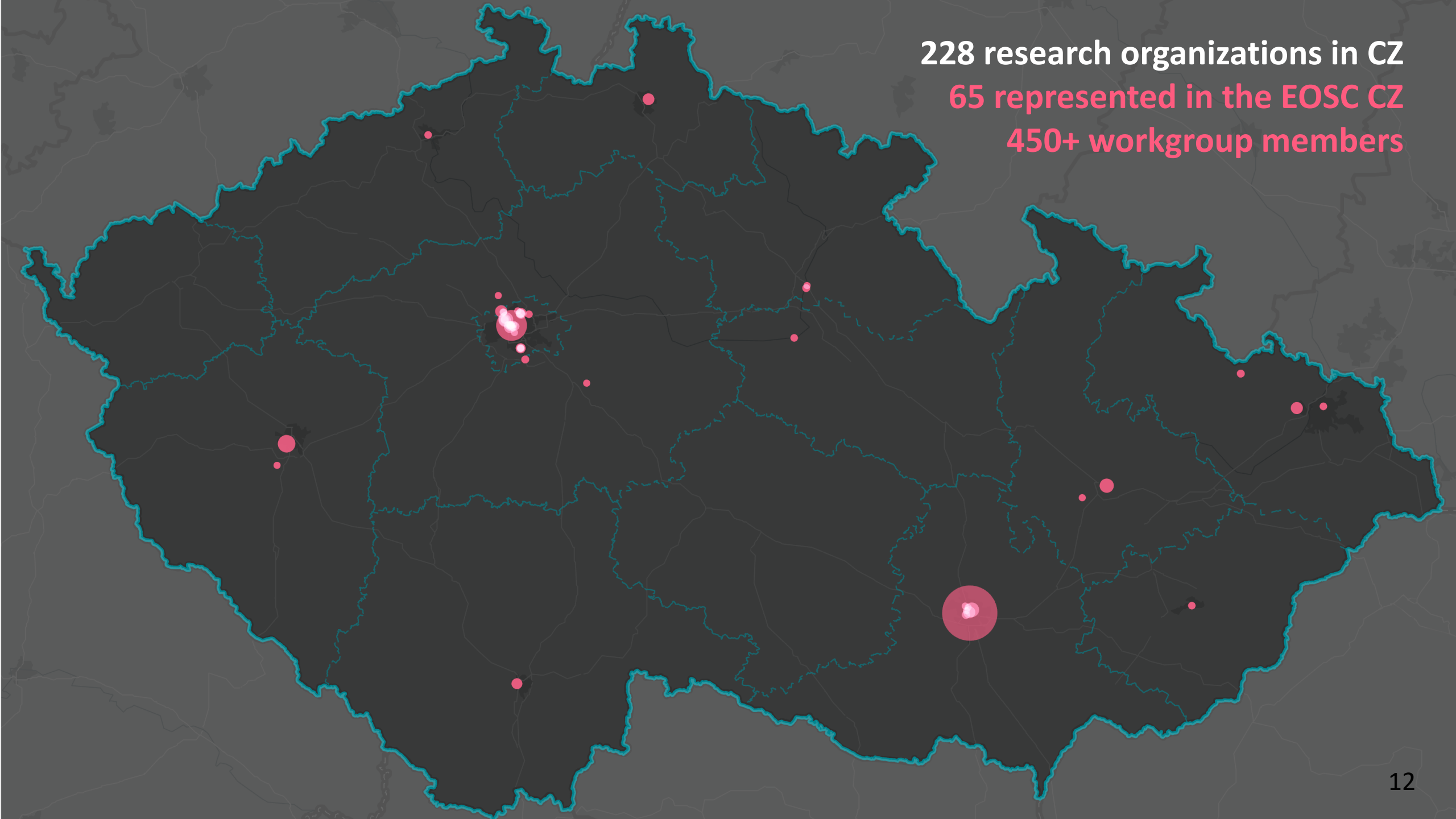
- **Technological, program and process foundation supporting better FAIR research data management**
- Including
  - Capacity
  - Tools
  - Access management
  - Interfaces for analysis
  - …
- **Federated** – not a single product, service or single monolithic environment
- **Interconnected** – across research domains and EU states





source: https://www.vyzkumne-infrastruktury.cz/cestovni-mapa-velkych-vyzkumnych-infrastruktur-cr/


228 research organizations in CZ


228 research organizations in CZ
65 represented in the EOSC CZ
450+ workgroup members

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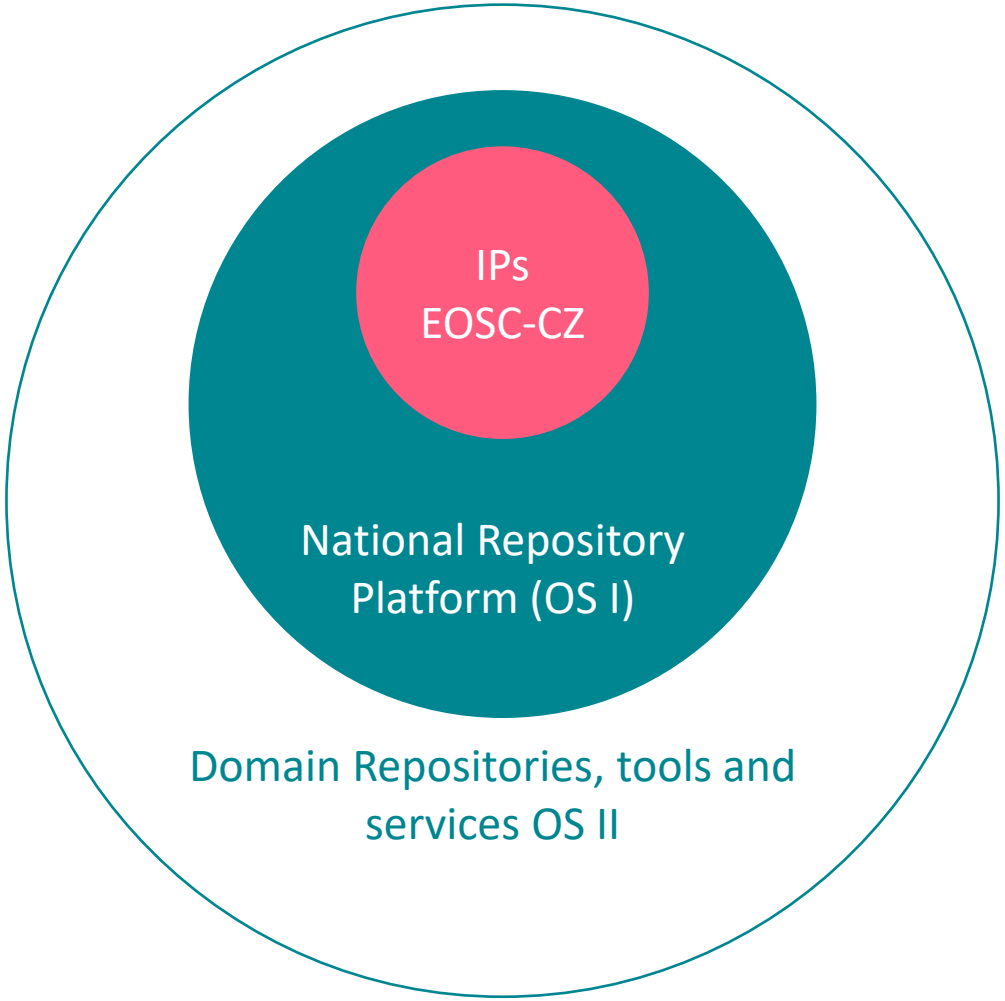


IPs EOSC-CZ (since 2023) – Fundamentals for EOSC implementation in CZ

- Organizational (**Secretariat**) – https://www.eosc.cz/en/secretariat
- Technical (**National Metadata Directory**) -- https://nma.eosc.cz/
- Knowledge and skills (**Training Centre**) -- https://www.eosc.cz/en/training-centre

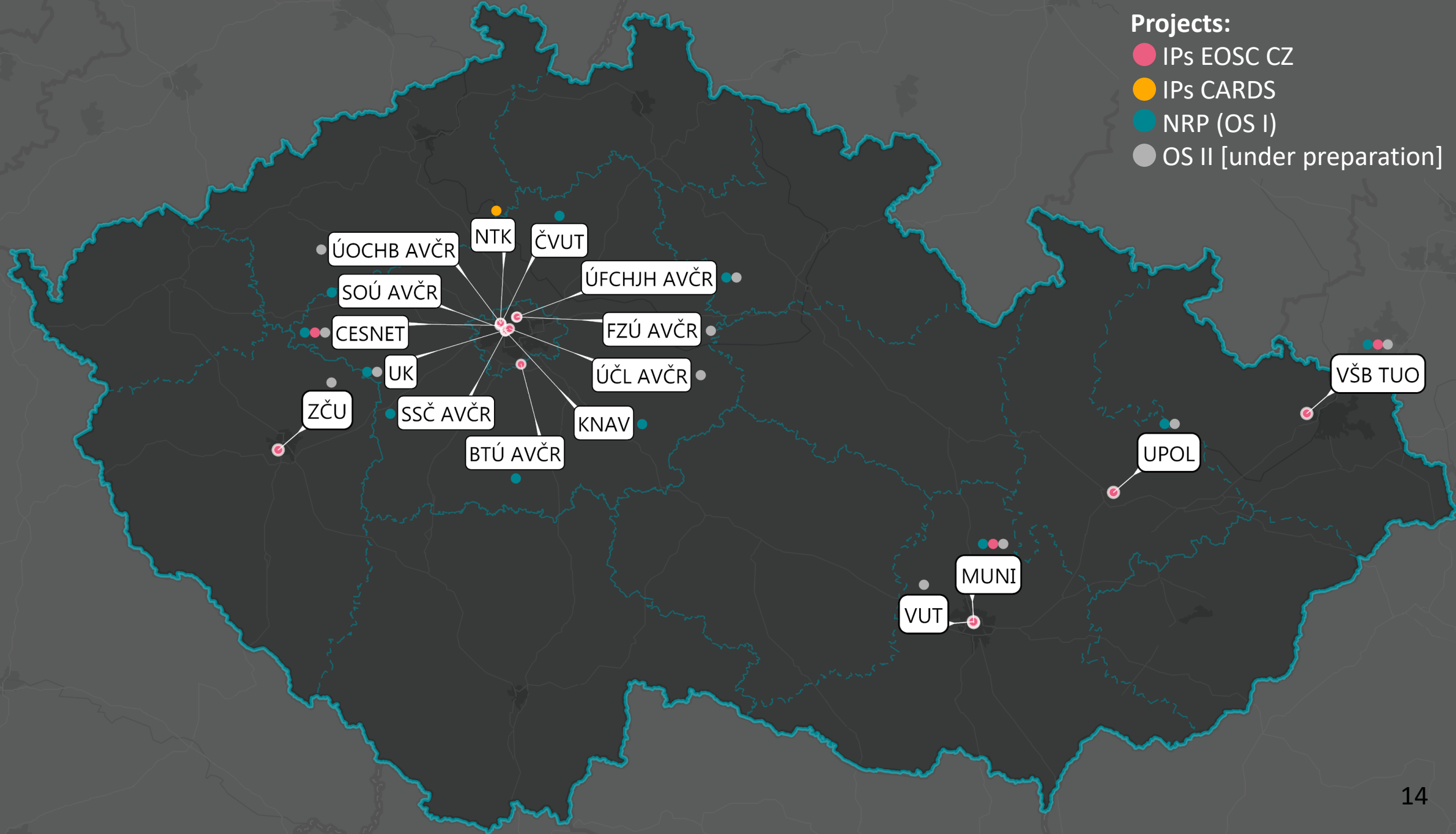
National repository Platform (OS I, since 2024) – "technical core"

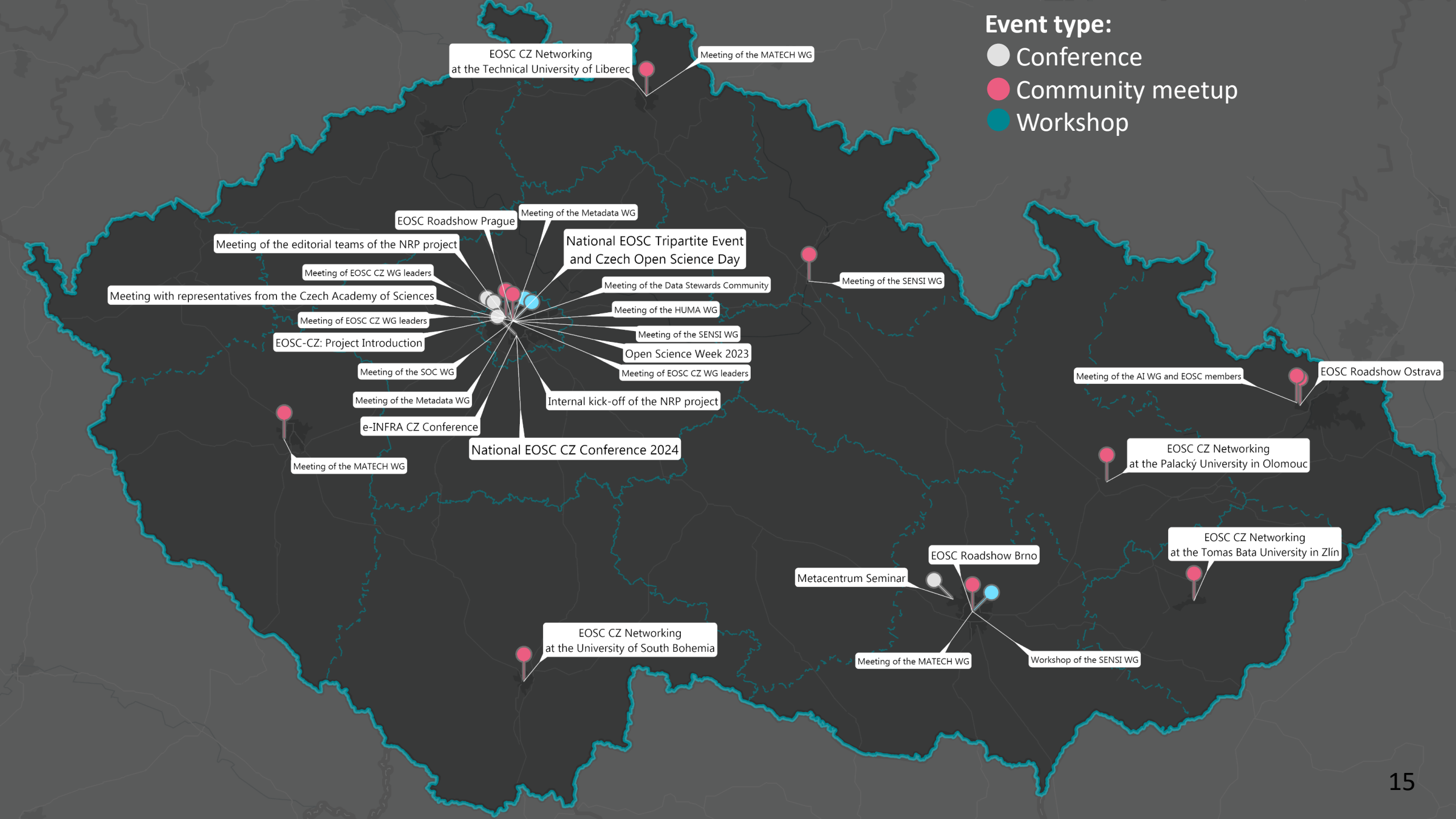
- **Repository platforms** (dspace, cesnet invenio, asep arl) (50+ PB user capacity)
- First **exemplary repositories**
- **Core services** (PIDs, DSW, licenses, …)
- **Compliance** and UX (cybersecurity, ServiceDesk, …)
- **Training** – technical side of things

OS II (since 2025) – "domain specifics"

- Under preparation, content not clear yet
- **Based on expertise of the 8 thematic / discipline workgroups**
  - Bio/Health/Food, Matech, AI & ML, Social Sciences, Physics, Humanities & Arts, Enviro, Sensitive Data
  - see https://www.eosc.cz/en/working-groups

OS III (since 2026?)


Projects:
IPs EOSC CZ
IPs CARDS
NRP (OS I)
OS II [under preparation]
NTK
ČVUT
ÚOCHB AVČR
ÚFCHJH AVČR
SOÚ AVČR
CESNET
FZÚ AVČR
UK
ÚČL AVČR
ZČU
SSČ AVČR
KNAV
BTÚ AVČR
VŠB TUO
UPOL
MUNI
VUT


Event type:
Conference
Community meetup
Workshop
EOSC CZ Networking at the Technical University of Liberec
Meeting of the MATECH WG
EOSC Roadshow Prague
Meeting of the Metadata WG
National EOSC Tripartite Event and Czech Open Science Day
Meeting of the editorial teams of the NRP project
Meeting of EOSC CZ WG leaders
Meeting with representatives from the Czech Academy of Sciences
Meeting of EOSC CZ WG leaders
EOSC-CZ: Project Introduction
Meeting of the SOC WG
Meeting of the Metadata WG
e-INFRA CZ Conference
Meeting of the MATECH WG
National EOSC CZ Conference 2024
Internal kick-off of the NRP project
Meeting of the Data Stewards Community
Meeting of the HUMA WG
Meeting of the SENSI WG
Open Science Week 2023
Meeting of EOSC CZ WG leaders
Meeting of the SENSI WG
Meeting of the AI WG and EOSC members
EOSC Roadshow Ostrava
EOSC CZ Networking at the Palacký University in Olomouc
EOSC CZ Networking at the Tomas Bata University in Zlín
EOSC Roadshow Brno
Metacentrum Seminar
Meeting of the MATECH WG
Workshop of the SENSI WG
EOSC CZ Networking at the University of South Bohemia

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EOSC CZ
two years in the making

People of EOSC CZ

Researchers, librarians, IT professionals, coordinators…

… taking action in designing and building EOSC CZ and the National Data Infrastructure.

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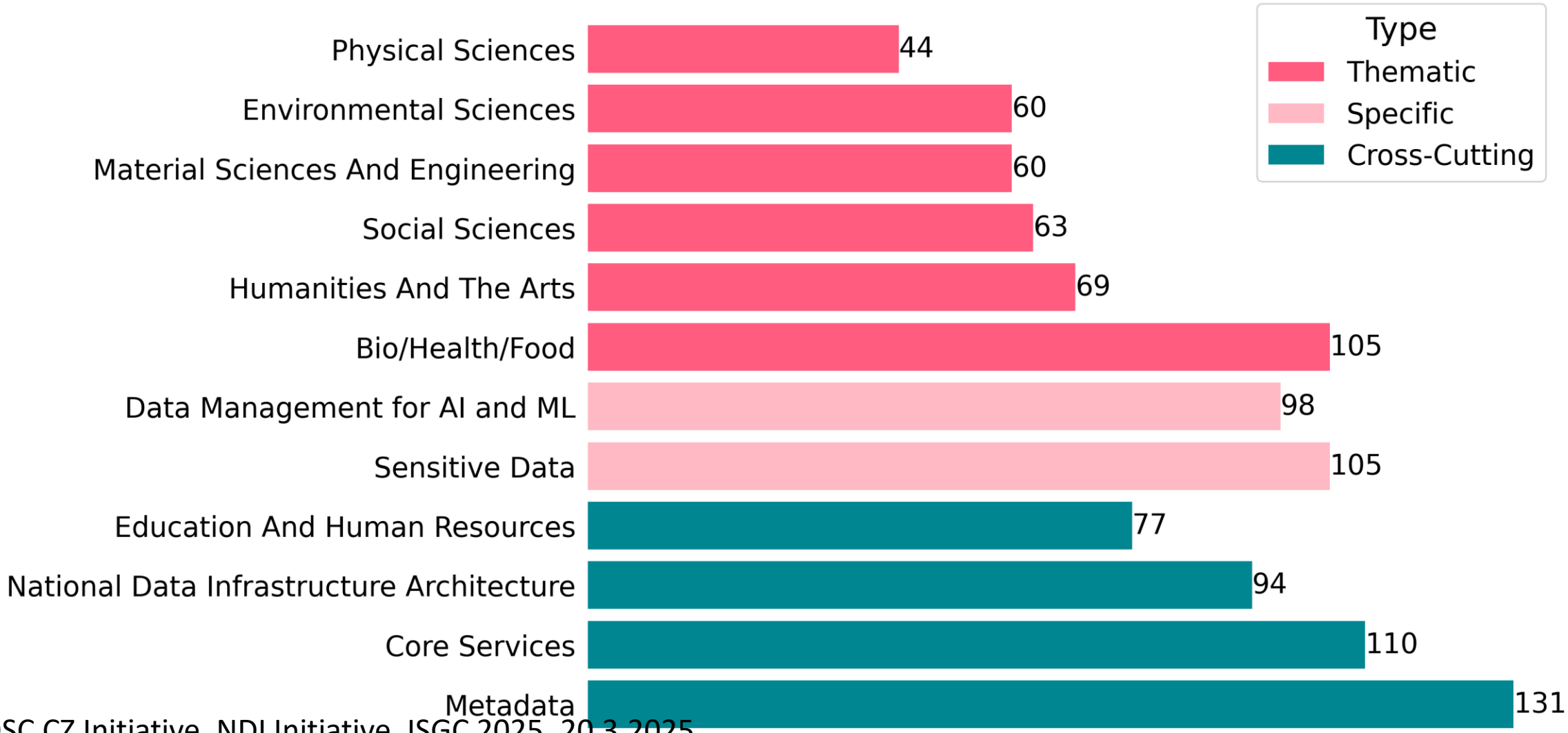
450+ people in EOSC CZ working groups



DAVID ANTOŠ
CESNET / e-INFRA CZ
| National Data Infrastructure Architecture |

PETRA ČERNOHLÁVKOVÁ
National Library of Technology
| Metadata |

RADKA ŘÍMANOVÁ
Central Library of Charles University
| Education and Human Resources |

MICHAL RŮŽIČKA
ICS Masaryk University / e-INFRA CZ
| Core Services |

JIŘÍ VONDRÁŠEK
Institute of Organic Chemistry and Biochemistry of the CAS / ELIXIR - CZ
| Bio/Health/Food |

JINDŘICH KREJČÍ
Institute of Sociology of the CAS
| Social Sciences |

JIŘÍ CHUDOBA
FZU (Institute of Physics of the Czech Academy of Sciences)
| Physical Sciences |

JAN HAJIČ
Charles University / LINDAT / CLARIAH-CZ
| Humanities and the Arts |

MAREK CEBECAUER
J. Heyrovský Institute of Physical Chemistry of the CAS
| Materials Sciences and Engineering |

JAN MARTINOVIČ
IT4Innovations National Supercomputing Center VŠB - TUO
| Data Management for Artificial Intelligence and Machine Learning |

JANA KLÁNOVÁ
Masaryk University / RECETOX
| Environmental Sciences |

ZDENKA DUDOVÁ
BBMRI.cz, Masaryk Memorial Cancer Institute
| Sensitive Data |

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Conferences, workshops and community meetups

- **21 trainings** and workshops
  - ca **3.000 registrations** from ca 90 research institutions

- **3 Conferences** with hundred+ attendees
  - 150 visitors of this conference present + more than 150 online

- **31 Physical meetings** of communities and working groups
  - 3 roadshow in Prague, Brno and Ostrava
  - 5 EOSC CZ Networking events – bringing EOSC CZ to the universities in České Budějovice, Liberec, Olomouc, planned trips to Zlín and AV ČR

  + over 100 online working group meetings

- **Thousands people continuously in touch**
  - 300+ followers on social networks
  - 300+ EOSC newsletter subscribers
  - 3.000+ views of content on YouTube

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The Czech National Data Infrastructure

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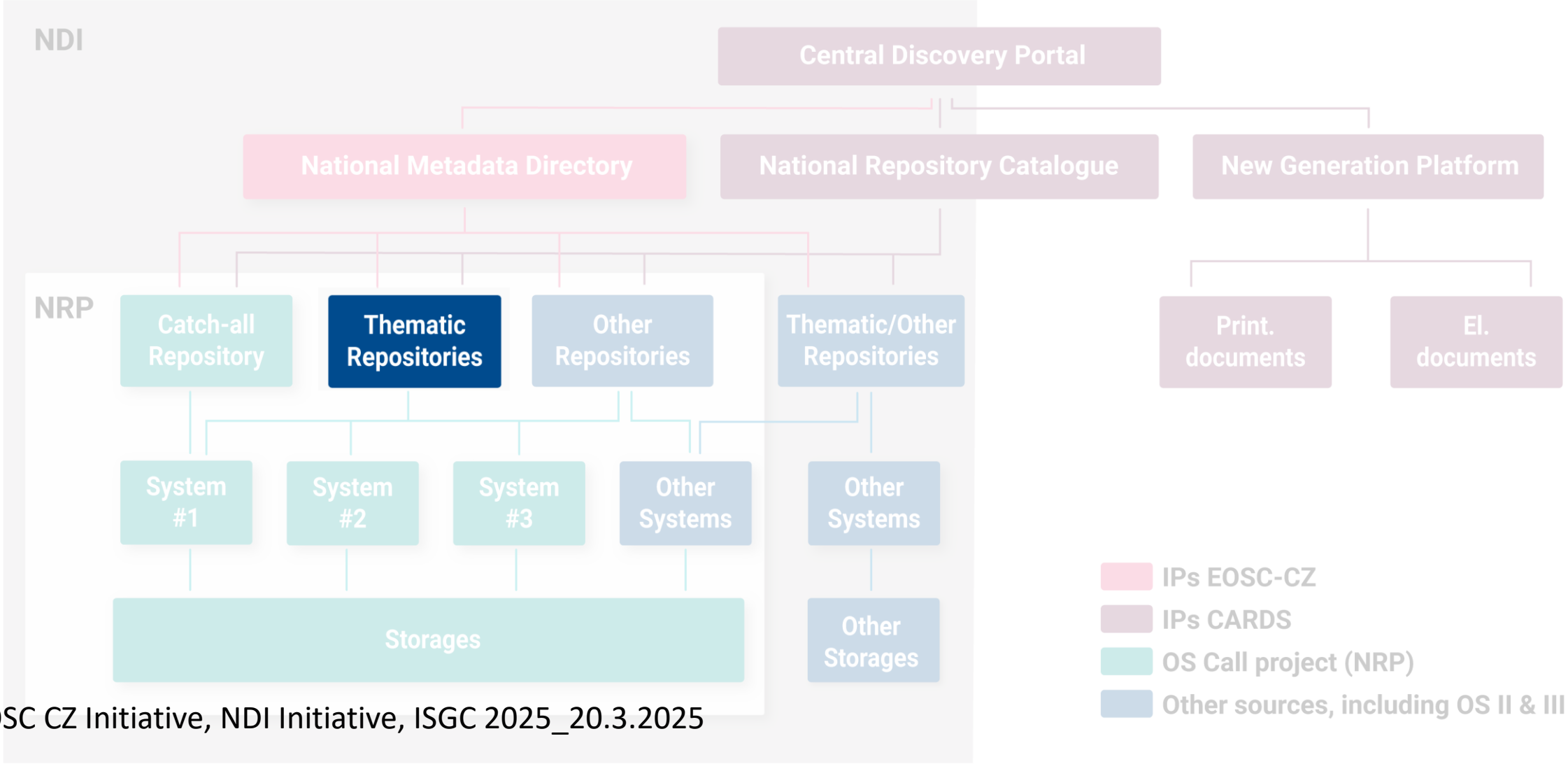
National Data Infrastructure (NDI)



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Infrastructure components

- **Repository platform**
  - Number of platforms -- CESNET Invenio, Clarin-DSpace, ASEP ARL
  - Total of 50+ PB of user data storage capacity
  - Offered to research communities to create and operate specific repositories

- **Services**
  - Support for Data Management Planning
  - Support for persistent identifiers
  - AAI
  - FAIRificator
  - Interfaces to computing environments for analysis
  - Data and objects search and discovery
  - Monitoring
  - Support for metadata

e-INFRA CZ

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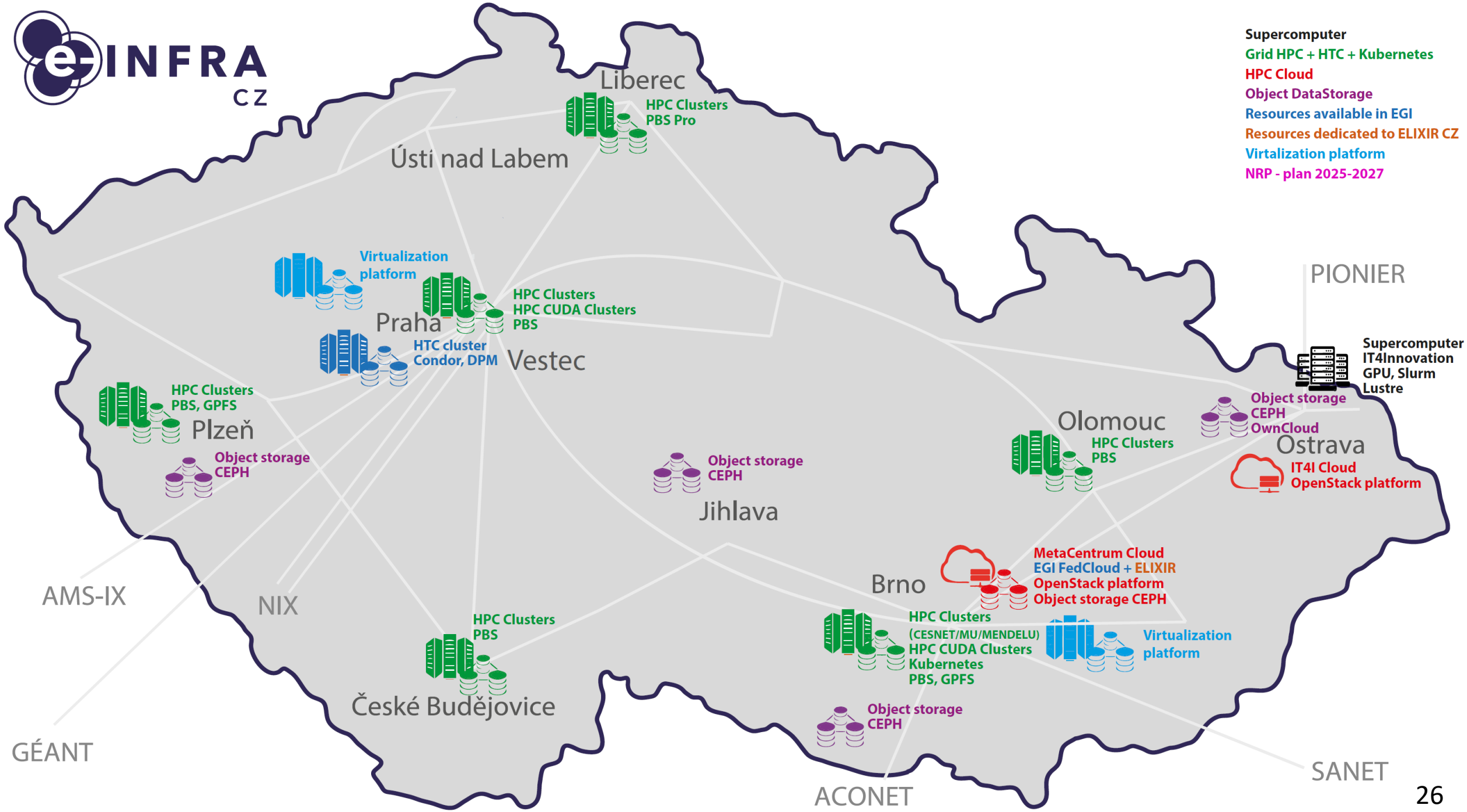
e-INFRA CZ

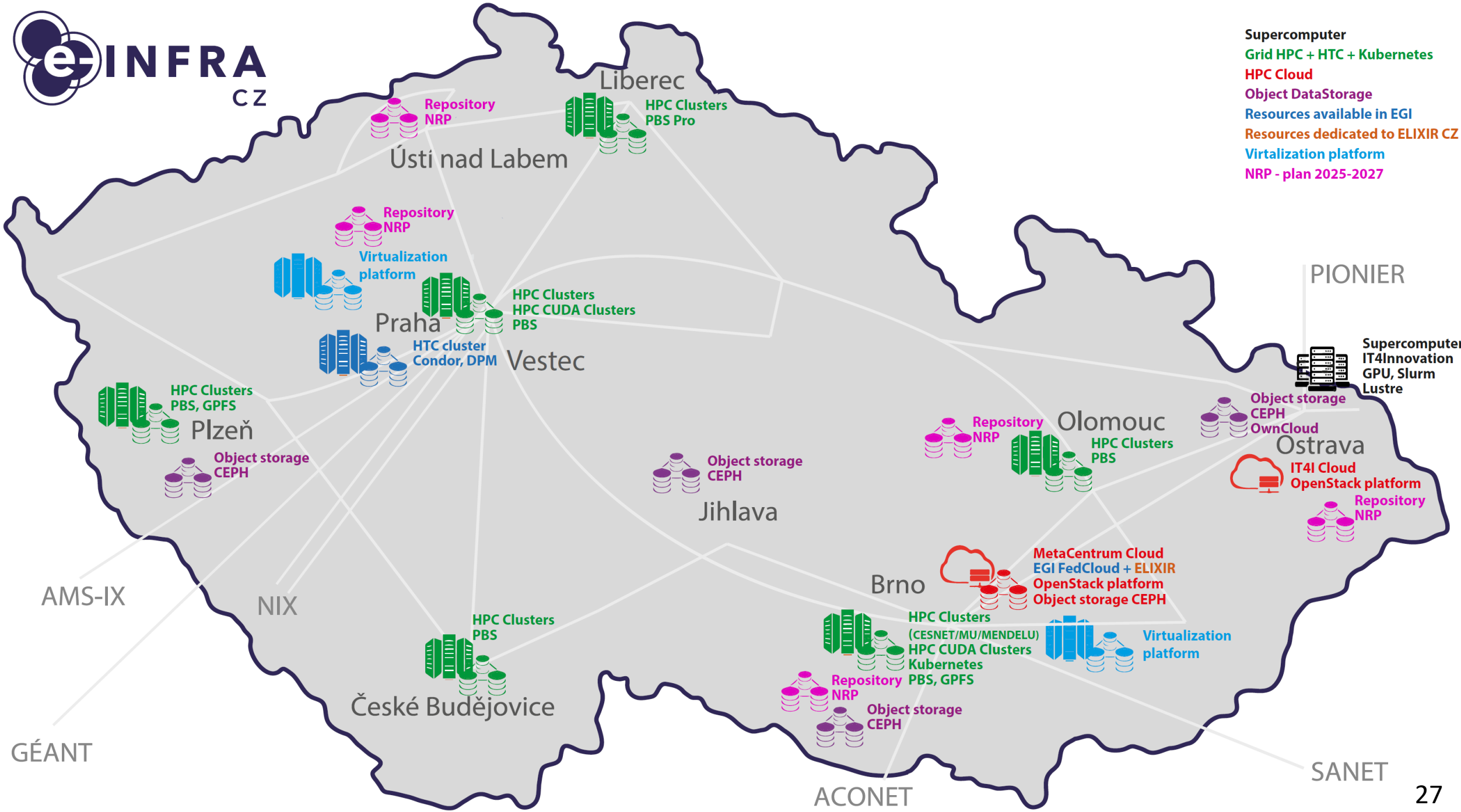
Single national e-INFRASTRUCTURE, consortium of three:

CESNET is an association of universities and the Academy of Sciences of the Czech Republic, which operates and develops the national e-infrastructure for science, research, and education, including a computer network, computational grids, data storage, collaboration environments, and offers a wide range of services.

IT4Innovations National Supercomputing Center at **VSB – Technical University of Ostrava** is a leading research, development, and innovation center in the field of high-performance computing (HPC), data analysis (HPDA), artificial intelligence (AI), quantum computing (QC), and their applications in other scientific, industrial, and societal fields, operating the most powerful supercomputing systems in the Czech Republic.

CERIT-SC at **Masaryk University** is a national center operating computational and data infrastructure for research and development.


e-INFRA CZ
Supercomputer
Grid HPC + HTC + Kubernetes
HPC Cloud
Object DataStorage
Resources available in EGI
Resources dedicated to ELIXIR CZ
Virtalization platform
NRP - plan 2025-2027
Liberec
HPC Clusters
PBS Pro
Ústi nad Labem
Virtualization platform
HPC Clusters
HPC CUDA Clusters
PBS
Praha
HTC cluster
Condor, DPM
Vestec
PIONIER
Supercomputer
IT4Innovation
GPU, Slurm
Lustre
HPC Clusters
PBS, GPFS
Plzeň
Object storage
CEPH
Object storage
CEPH
Jihlava
Olomouc
HPC Clusters
PBS
Object storage
CEPH
OwnCloud
Ostrava
IT4I Cloud
OpenStack platform
AMS-IX
NIX
MetaCentrum Cloud
EGI FedCloud + ELIXIR
OpenStack platform
Object storage CEPH
Brno
HPC Clusters
(CESNET/MU/MENDELU)
HPC CUDA Clusters
Kubernetes
PBS, GPFS
Virtualization platform
HPC Clusters
PBS
České Budějovice
Object storage
CEPH
GÉANT
SANET
ACONET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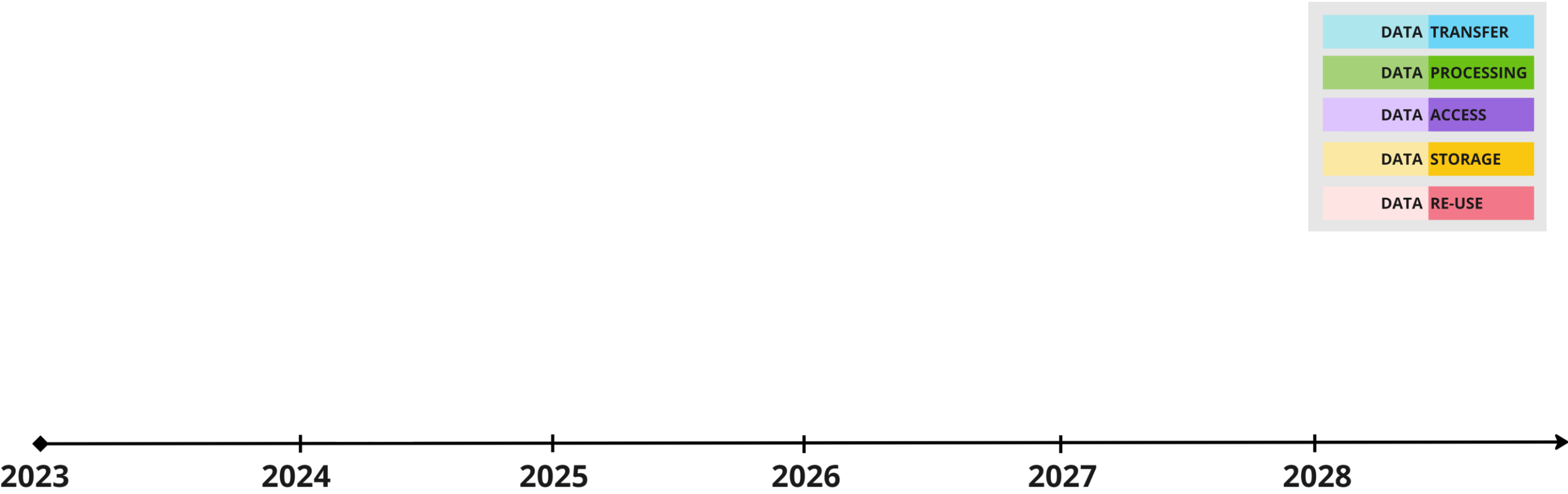
Praha
HTC cluster Condor, DPM
Vestec
PIONIER
Supercomputer IT4Innovation GPU, Slurm Lustre
HPC Clusters PBS, GPFS
Plzeň
Object storage CEPH
Object storage CEPH
Jihlava
Repository NRP
Olomouc
HPC Clusters PBS
Object storage CEPH OwnCloud
Ostrava
IT4I Cloud OpenStack platform
Repository NRP
AMS-IX
NIX
MetaCentrum Cloud
EGI FedCloud + ELIXIR
OpenStack platform
Object storage CEPH
Brno
HPC Clusters (CESNET/MU/MENDELU)
HPC CUDA Clusters
Kubernetes
PBS, GPFS
Virtualization platform
Repository NRP
Object storage CEPH
HPC Clusters PBS
České Budějovice
GÉANT
SANET
ACONET


DATA TRANSFER
DATA PROCESSING
DATA ACCESS
DATA STORAGE
DATA RE-USE
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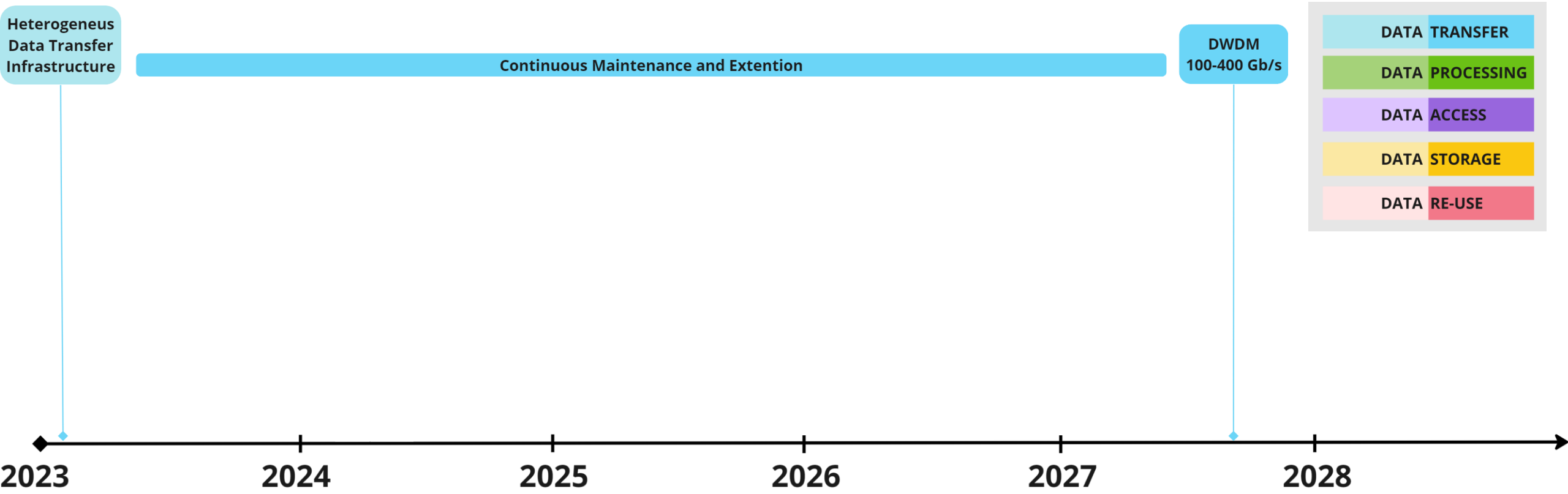
Heterogeneus Data Transfer Infrastructure
Continuous Maintenance and Extention
DWDM 100-400 Gb/s
DATA TRANSFER
DATA PROCESSING
DATA ACCESS
DATA STORAGE
DATA RE-USE
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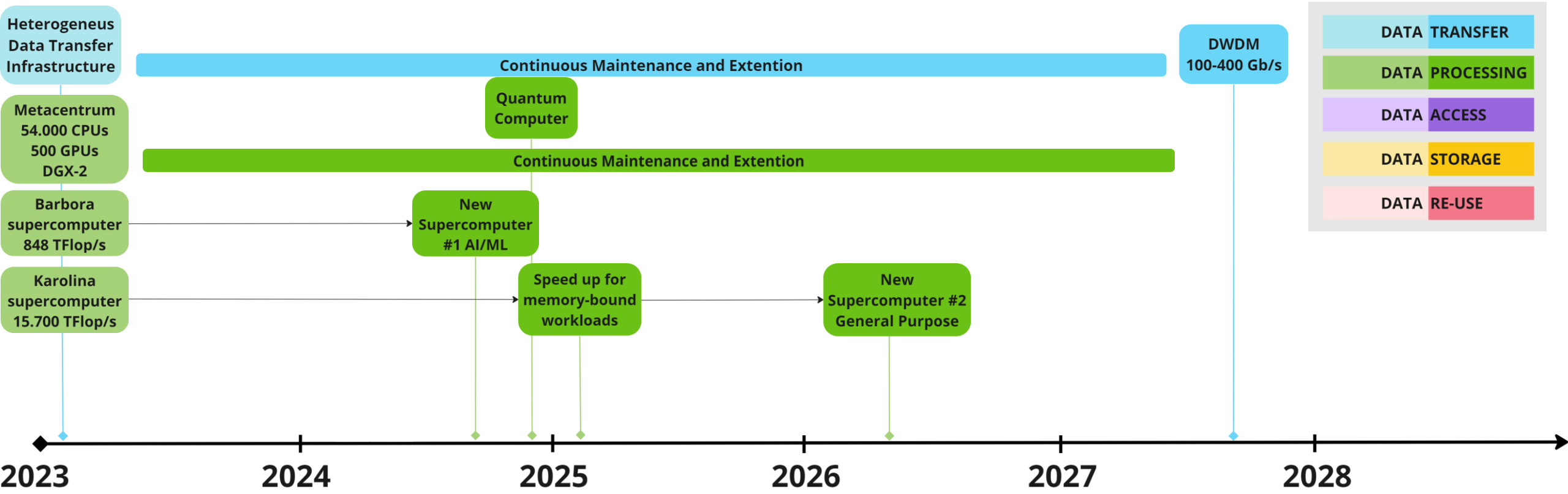
Heterogeneus Data Transfer Infrastructure
Continuous Maintenance and Extention
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Quantum Computer
Metacentrum 54.000 CPUs 500 GPUs DGX-2
Continuous Maintenance and Extention
Barbora supercomputer 848 TFlop/s
New Supercomputer #1 AI/ML
Karolina supercomputer 15.700 TFlop/s
Speed up for memory-bound workloads
New Supercomputer #2 General Purpose
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DATA PROCESSING
DATA ACCESS
DATA STORAGE
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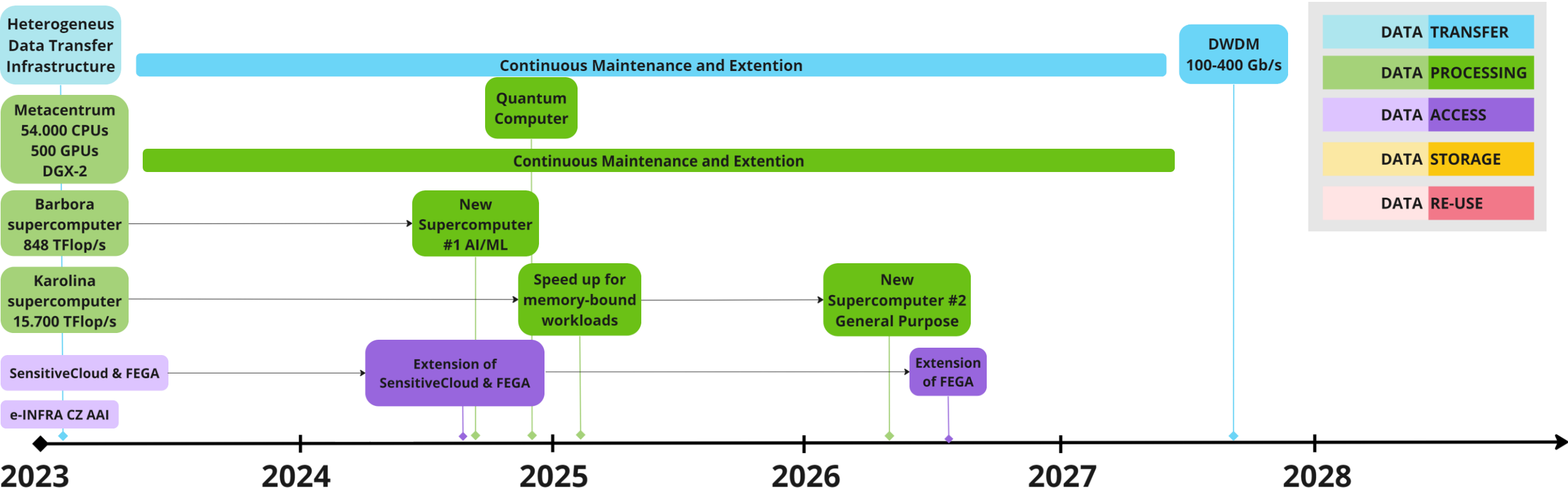
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New Supercomputer #2 General Purpose
SensitiveCloud & FEGA
Extension of SensitiveCloud & FEGA
Extension of FEGA
e-INFRA CZ AAI
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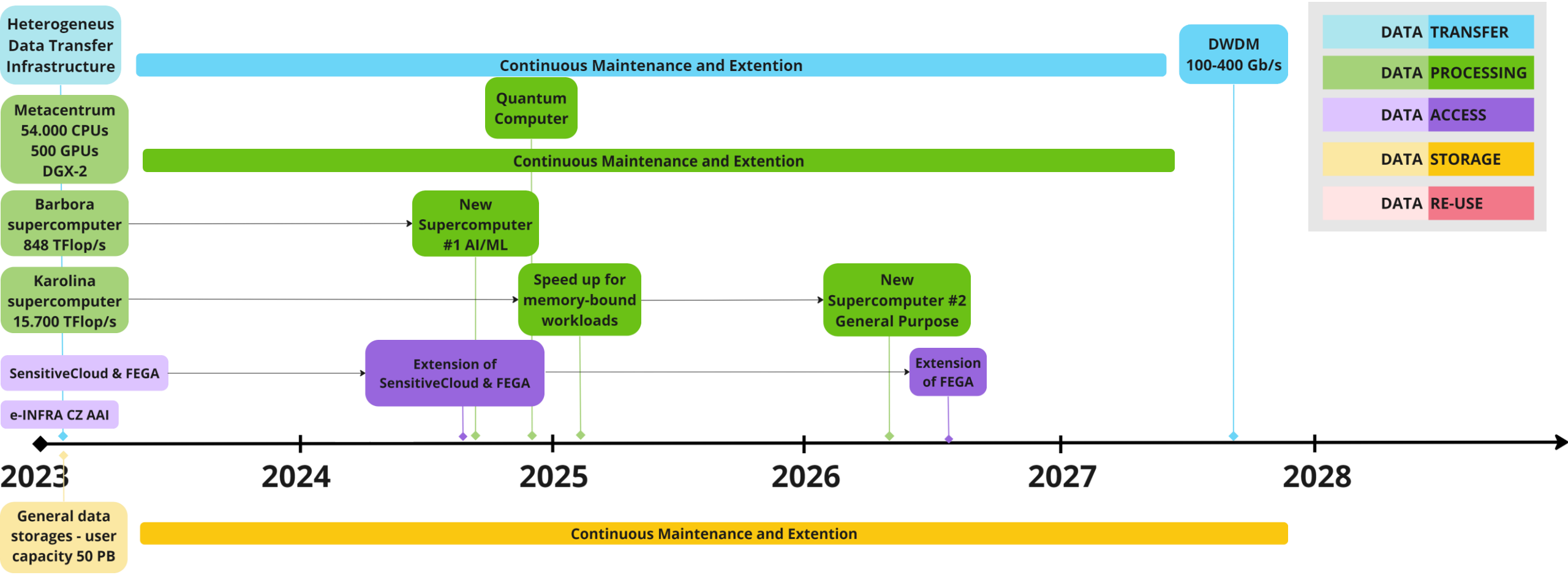
DATA TRANSFER
DATA PROCESSING
DATA ACCESS
DATA STORAGE
DATA RE-USE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SensitiveCloud & FEGA
Extension of SensitiveCloud & FEGA
Extension of FEGA
e-INFRA CZ AAI
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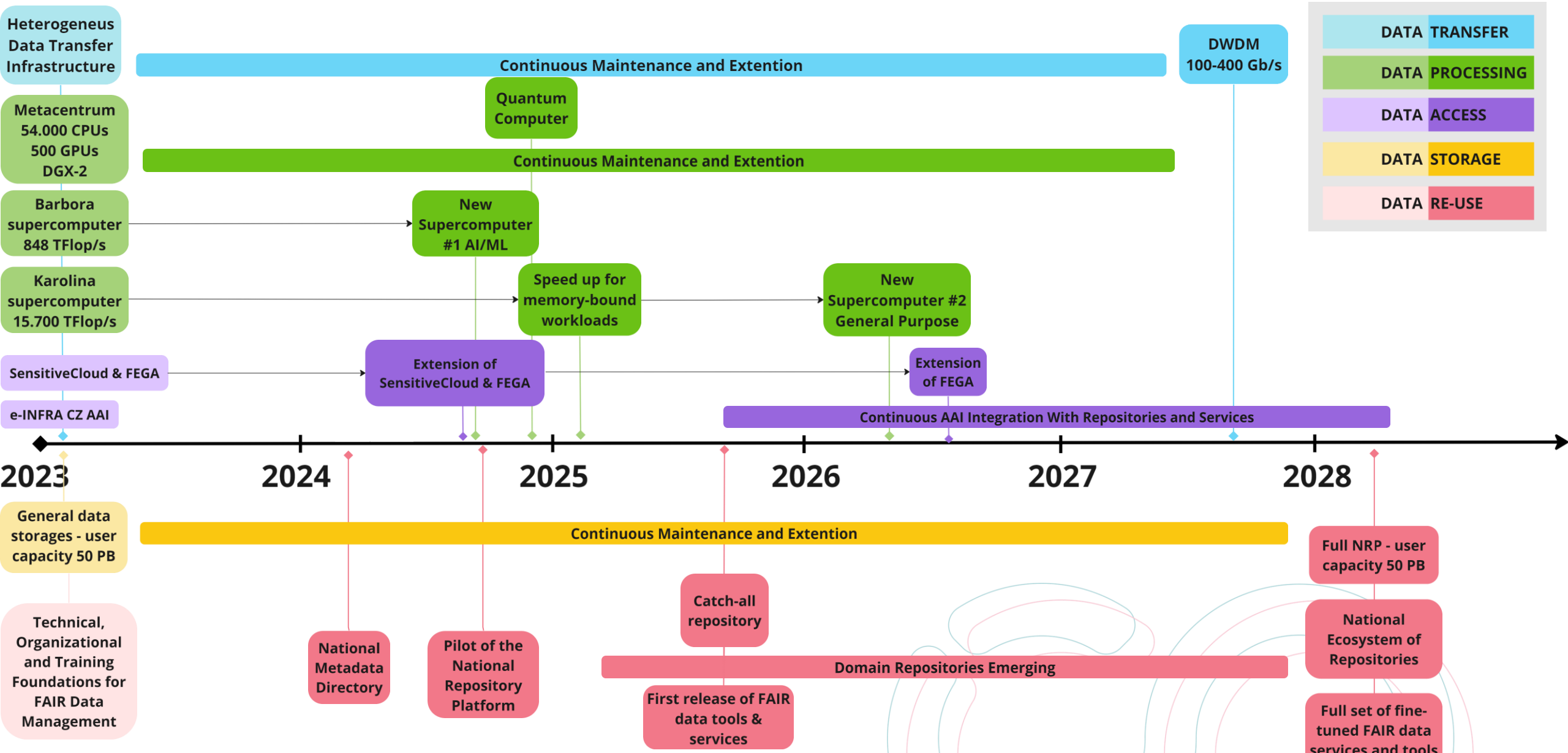
2028
General data storages - user capacity 50 PB
Continuous Maintenance and Extention
DATA TRANSFER
DATA PROCESSING
DATA ACCESS
DATA STORAGE
DATA RE-USE


Heterogeneus Data Transfer Infrastructure
Continuous Maintenance and Extention
DWDM 100-400 Gb/s
DATA TRANSFER
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Speed up for memory-bound workloads
New Supercomputer #2 General Purpose
SensitiveCloud & FEGA
Extension of SensitiveCloud & FEGA
Extension of FEGA
e-INFRA CZ AAI
Continuous AAI Integration With Repositories and Services
2023
2024
2025
2026
2027
2028
General data storages - user capacity 50 PB
Continuous Maintenance and Extention
Full NRP - user capacity 50 PB
Technical, Organizational and Training Foundations for FAIR Data Management
National Metadata Directory
Pilot of the National Repository Platform
Catch-all repository
National Ecosystem of Repositories
Domain Repositories Emerging
First release of FAIR data tools & services
Full set of fine-tuned FAIR data services and tools

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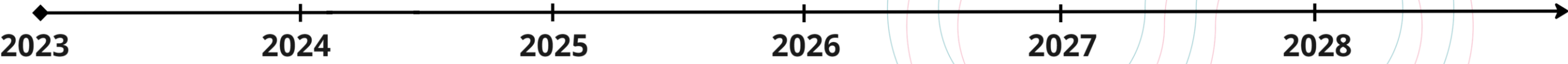
Nearing the end of the first phase

Phase 1

- **Engage Czech researchers** and professionals
- **Organize** the work groups and communities
- **Kick-off 3 major projects**
- **Design** the core infrastructure and services
- **Release first** services
- **Increase awareness**



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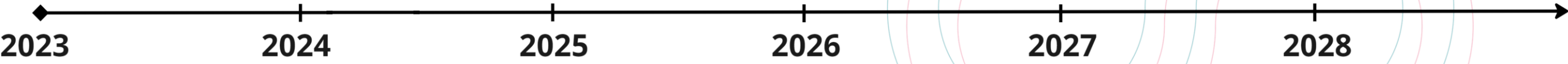
Beginning the second phase

Phase 1

- **Engage Czech researchers** and professionals
- **Organize** the work groups and communities
- **Kick-off 3 major projects**
- **Design** the core infrastructure and services
- **Release first** services
- **Increase awareness**

Phase 2

- **Deploy the infrastructure**
- **Deploy all the core services**
- Integrate and deploy **first repositories**
- Support the uptake of data management **skills and know-how**
- **Integrate** the national and international ecosystem
- Propose the **sustainability** model



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Glimpses at the first operational services for FAIR research data management and how to deal with automatization within the NDI

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National “catch-all pilot” Repository

Měření průměrné teploty v Praze: vzorový detailní záznam

Licence:

Soubory:
research_data_sample_test.xlsx
Tabulka

Identifikátor objektu:
DOI 10.48700/datst.7n287-zc761

Stav záznamu:
Veřejný

V komunitě:
General community

Překlad názvu: angličtina Average temperature measurement in Prague: example of detailed record

Tvůrci: Vyčítalová, Hana || Černohlávková, Petra (manažer dat)

Datum zveřejnění: 2022-01-03

Datum vytvoření datové sady: 2018-07-01/2018-07-25

Datum sběru dat: 2018-04-01/2018-06-30

Jazyk: čeština, angličtina

Vydavatel: Národní technická knihovna

Klíčová slova: cs teplota | cs klima | cs Praha | cs Česká republika

Oborové kategorie: Přírodní vědy || Vědy o Zemi a související environmentální vědy || Meteorologie, vědy o atmosféře || Výzkum klimatu

Abstrakt: čeština | angličtina

Měření průměrné teploty v Praze (hlavní město České republiky) během dubna, května a června 2018.

Metodologie: čeština

Teplota byla měřena každou hodinu a z hodnot byla vypočítána průměrná denní teplota.

Technické informace: čeština

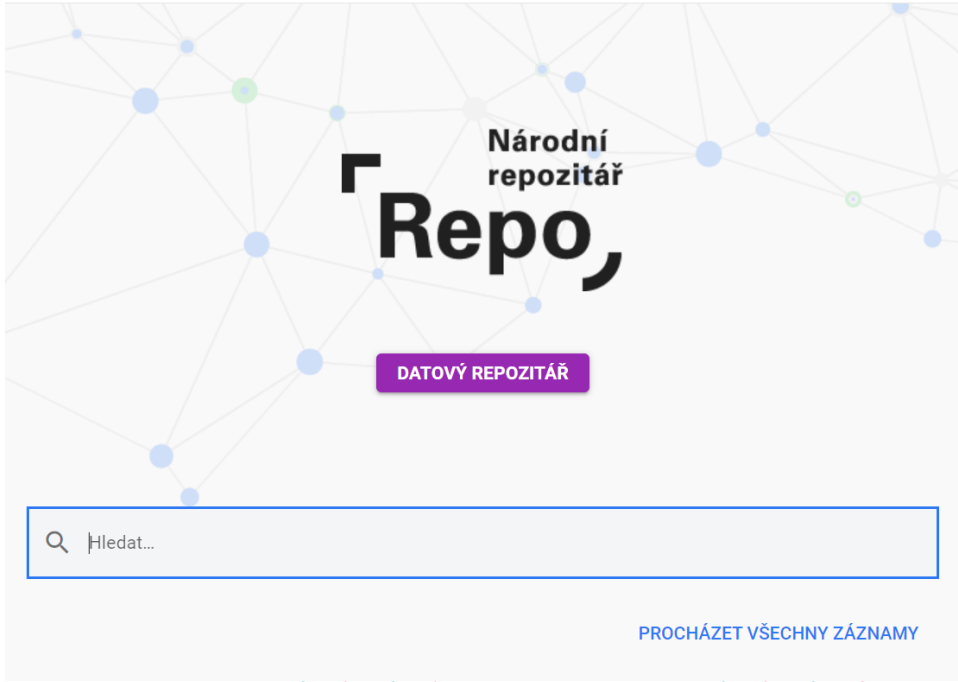
K zaznamenání byl použit měřicí přístroj, hodnoty byly zaznamenány ve stupních Celsia. Hodnoty byly zpracovány pomocí excelové tabulky. Zobrazení dat nevyžaduje speciální software.

Poznámky:

Vazby na/z dalších zdrojů:
Název: Collecting Grey Literature – Institutional Repository versus National Aggregator | **Autoři:** Černohlávková, Petra; Vyčítalová, Hana | **Rok:** 2018 | **DOI:** 10.26069/greynet-2018-000.009-gg

Projekt: ID34F57 | Evropská agentura pro životní prostředí

Práva: Creative Commons Uveďte původ 4.0 Mezinárodní licence



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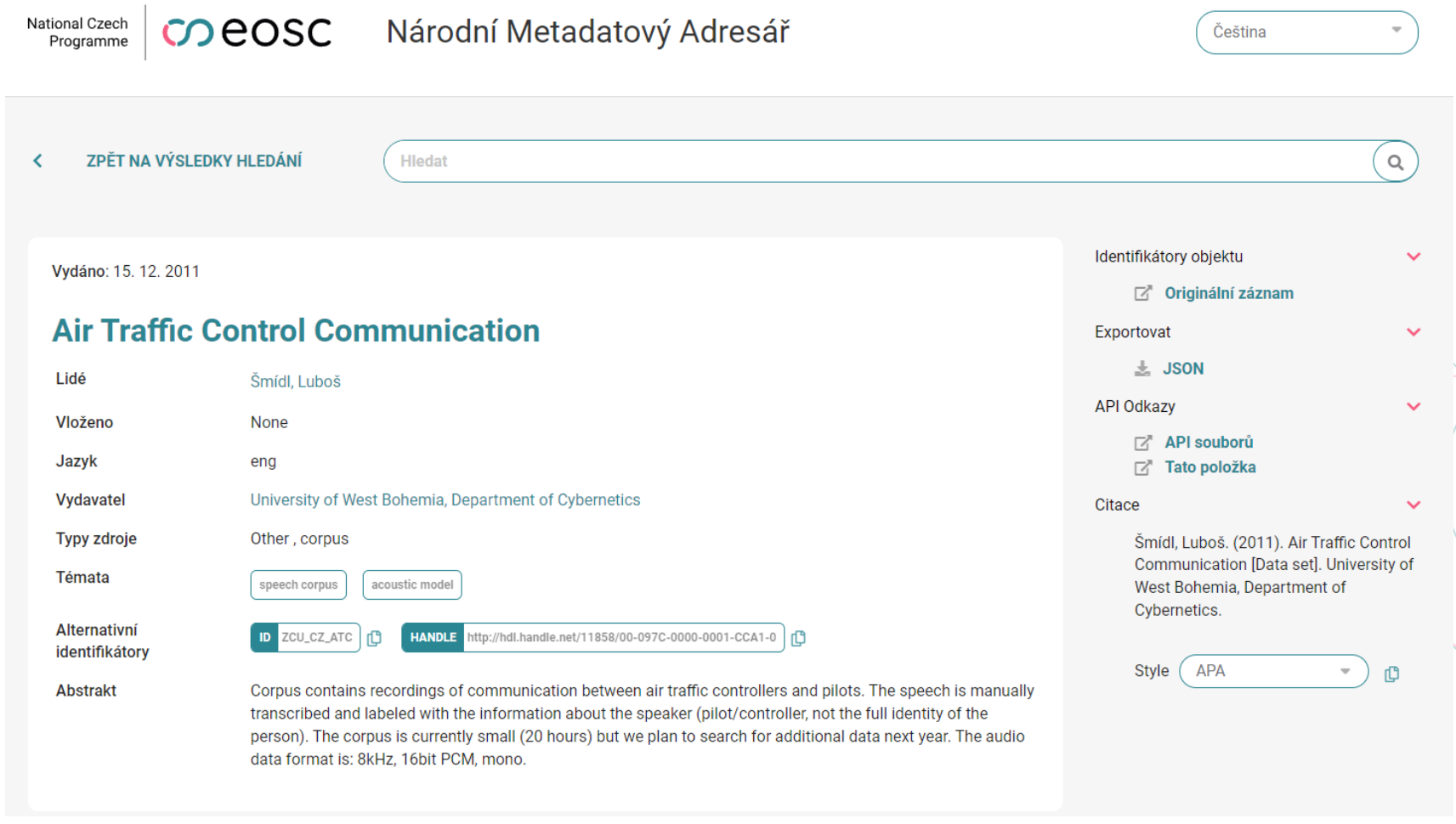
National Metadata Directory

- **Single point of contact** for research data – uniform format and metadata



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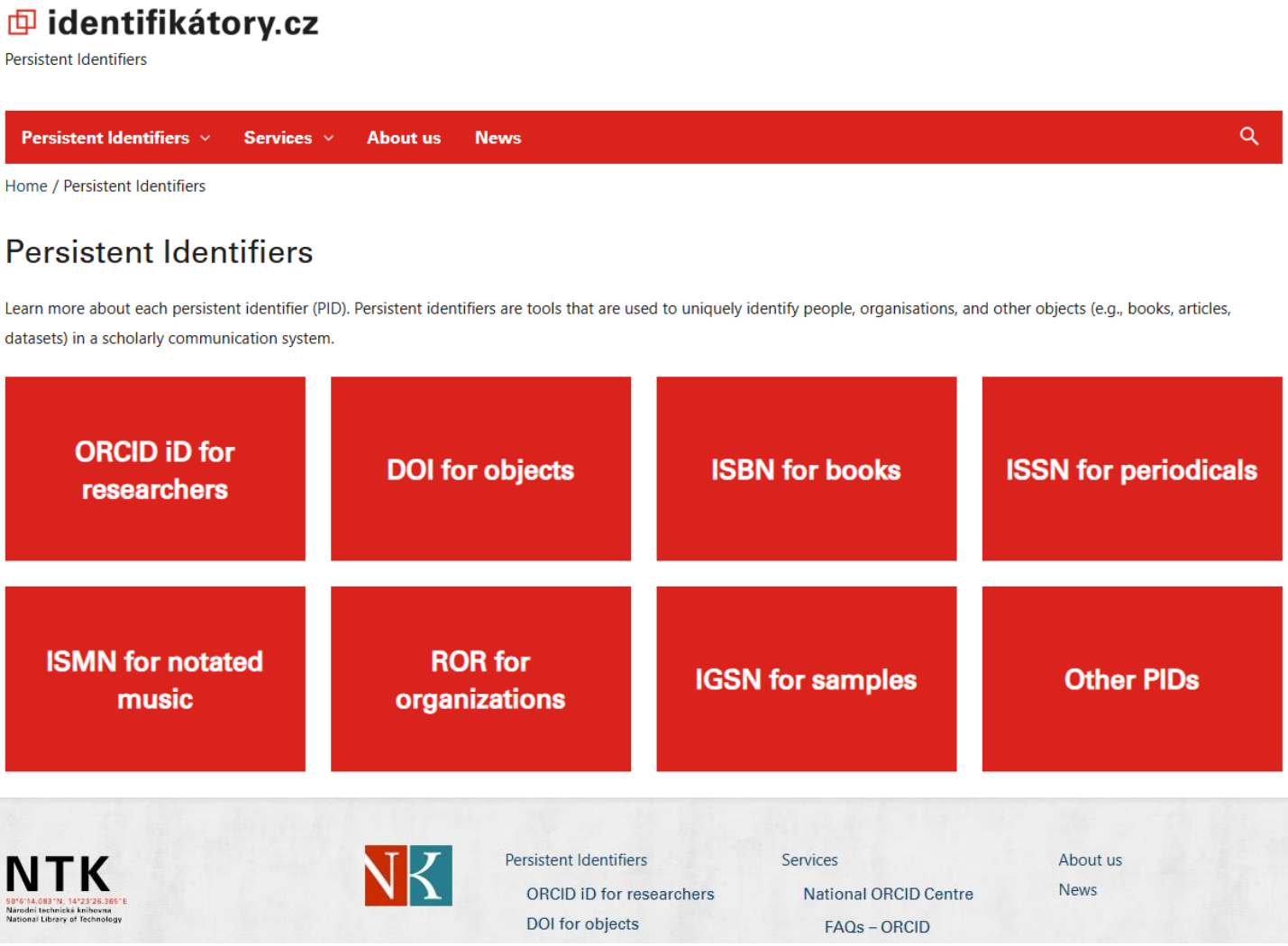
Identifikátory CZ – Portal for Persistent Identifiers



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SensitiveCloud

Environment for processing sensitive data

- Virtual desktop
- Computing resources
- Secure applications
- Storing, sharing and cooperation
- VPN, Kubernetes

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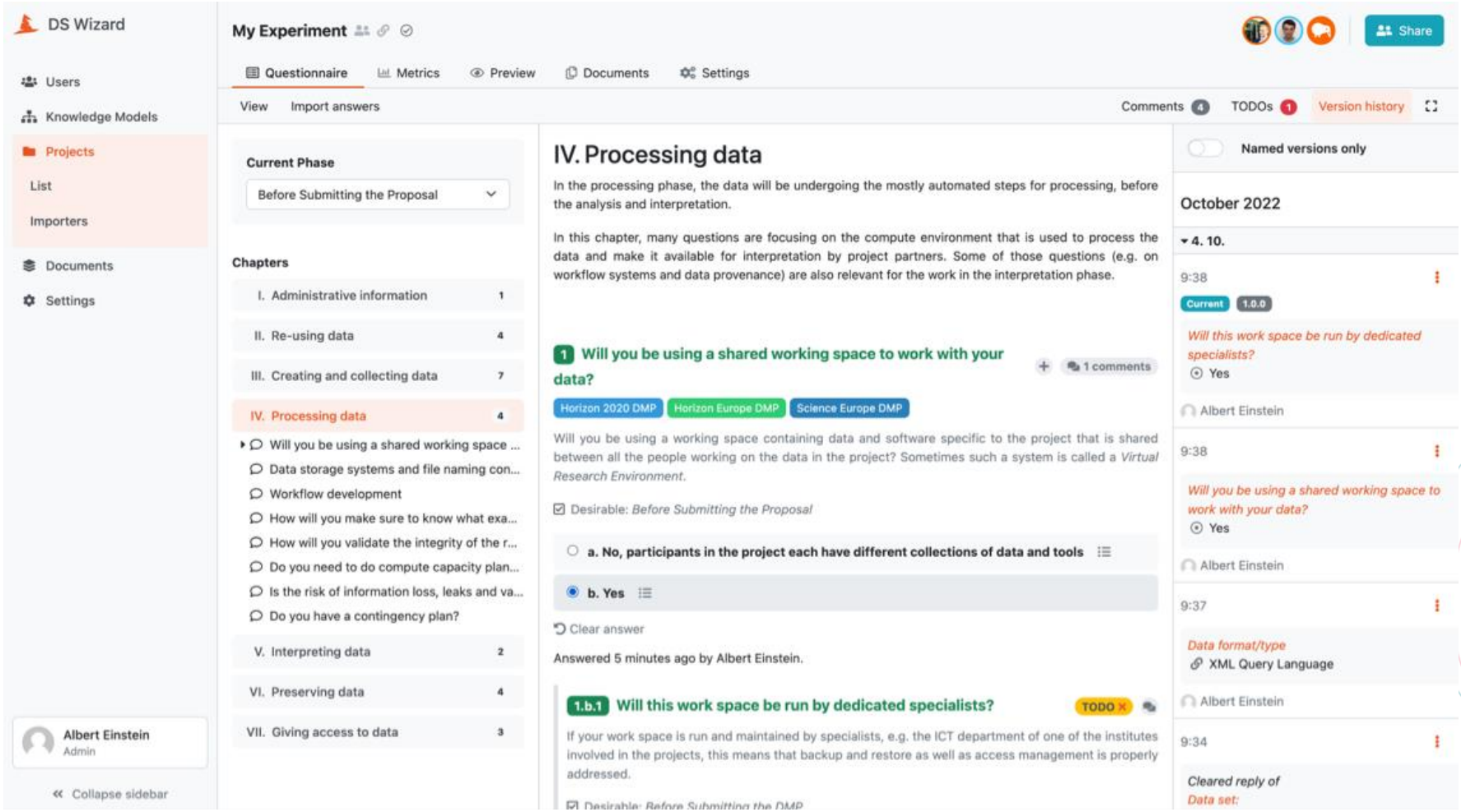
Data Stewardship Wizard



- Comprehensive Tool for Data Management Planning

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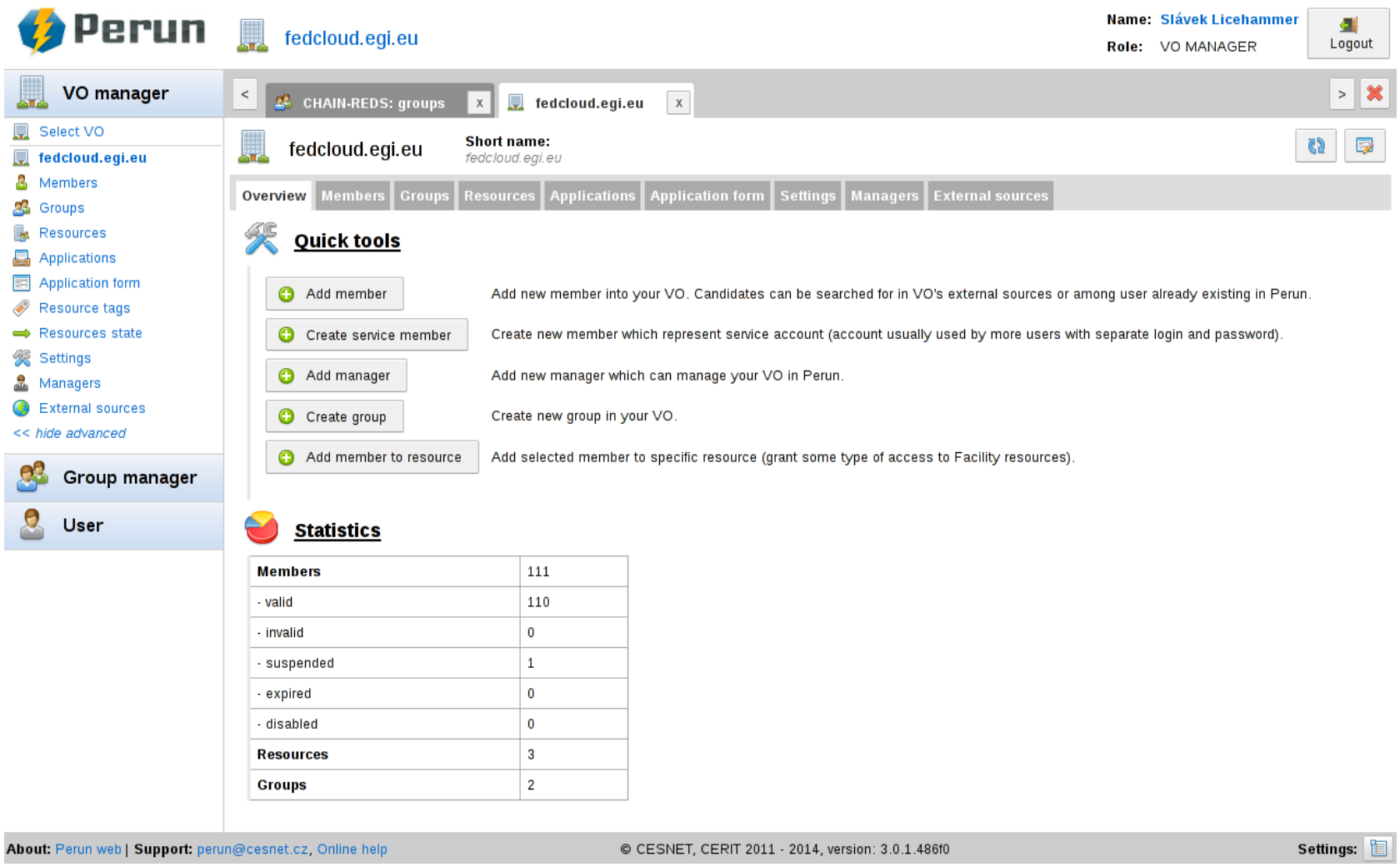
Authentication and authorization infrastructure (AAI)



To allow users from different institutions easy access to data and services.

- Access and identity management
- Management of groups and roles
- Rights' delegation
- System integration

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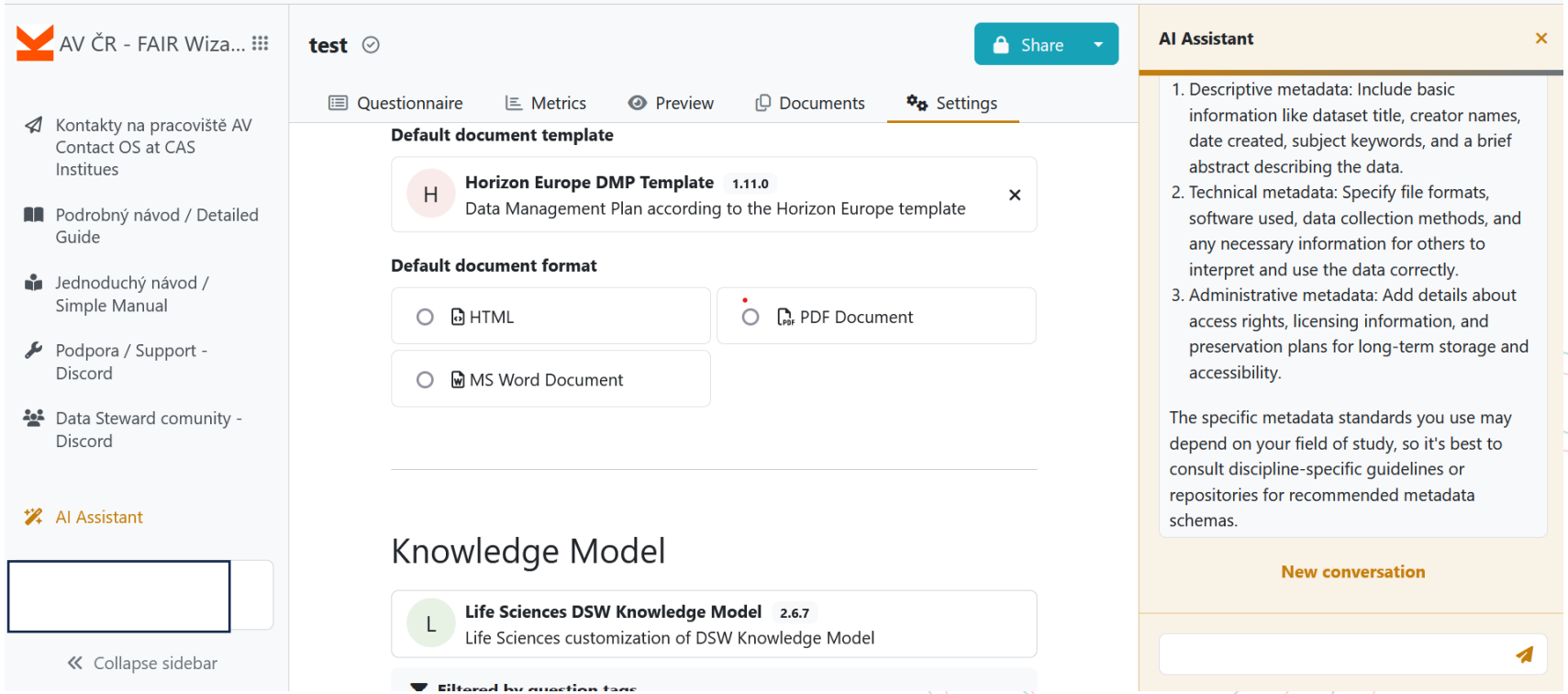
Automatization within the e-INFRA CZ/NDI (now)

- e-INFRA CZ - Retrieval-Augmented Generation (RAG) AI agent used for e-INFRA CZ documentation
- Machine Actionable Data Management Planning Tool – Data Stewardship Wizard (DSW) with AI Assistant
- Connection of MA DMP Tool with institutional project management systems…



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Automatization within the NDI (vision)

Researcher + **Scientific project**

Drag and drop of scientific project

NDI Retrieval-Augmented Generation (RAG) Tool for creating semiautomatic DMP

Global and local documents:

- National and Institutional Research MA Data Policy
- Funding Schemes MA Conditions
- Data related legal documents

+ **Research´s metadata** in the National Metadata Directory (NMA)

Prefilled Data Management Plan (DMP) in JSON based on researcher data and his funding conditions

Machine Actionable Data Management Planning Tool
Data Stewardship Wizard (DSW)

Scientists are reviewing the DMP, not creating DMP -> **more time for real Data Management Planning, not for documents**

Exports, versioning and integrations…

Easy connections with institutional projects management systems + Easy submission for the funding agencies

Less administration, more real data management, more fun with research☺

What’s next

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In 2025...

Infrastructure

- Installation of **first hardware for repositories**
- Emergence of **first and pilot repositories**
- National Repository Catalogue

Services

- First versions of all major core services, including
  - Repository platforms
  - FAIR Implementation Profile Wizard
  - Data Stewardship Wizard
  - License management
  - AAI for repositories

  … and more

Events

- National Tripartite Event
- Data Steward Summer School

  … trainings, workshops, seminars, conferences, …

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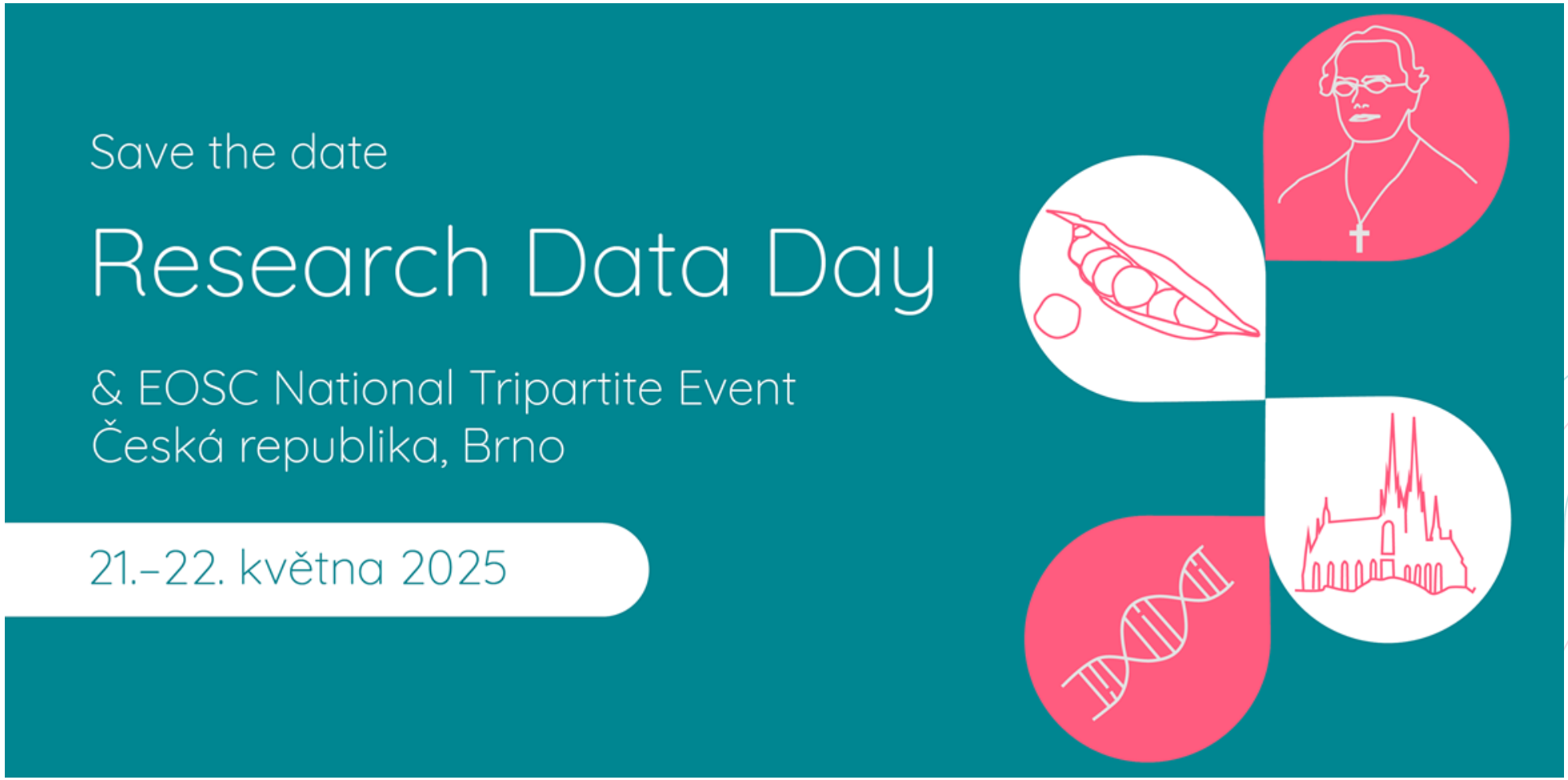
Research Data Day & EOSC National Tripartite Event



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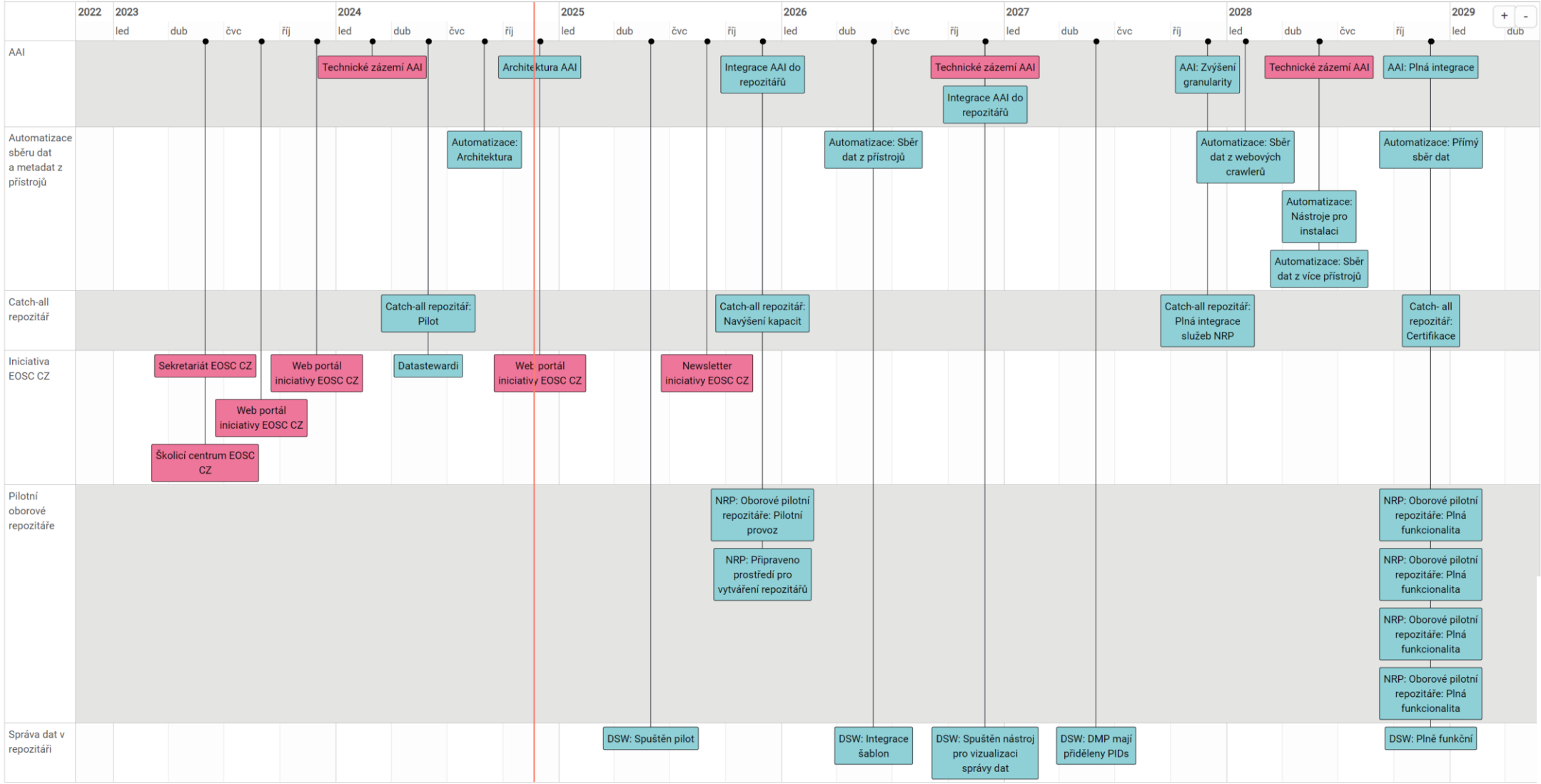
Časová osa | Tabulka



EOSC CZ Initiative, NDI Initiative, ISCC 2025, 20.3.2025

https://www.eosc.cz/projekty/narodni-repozitarova-platforma-pro-vyzkumna-data-os-i-nrp/nrp

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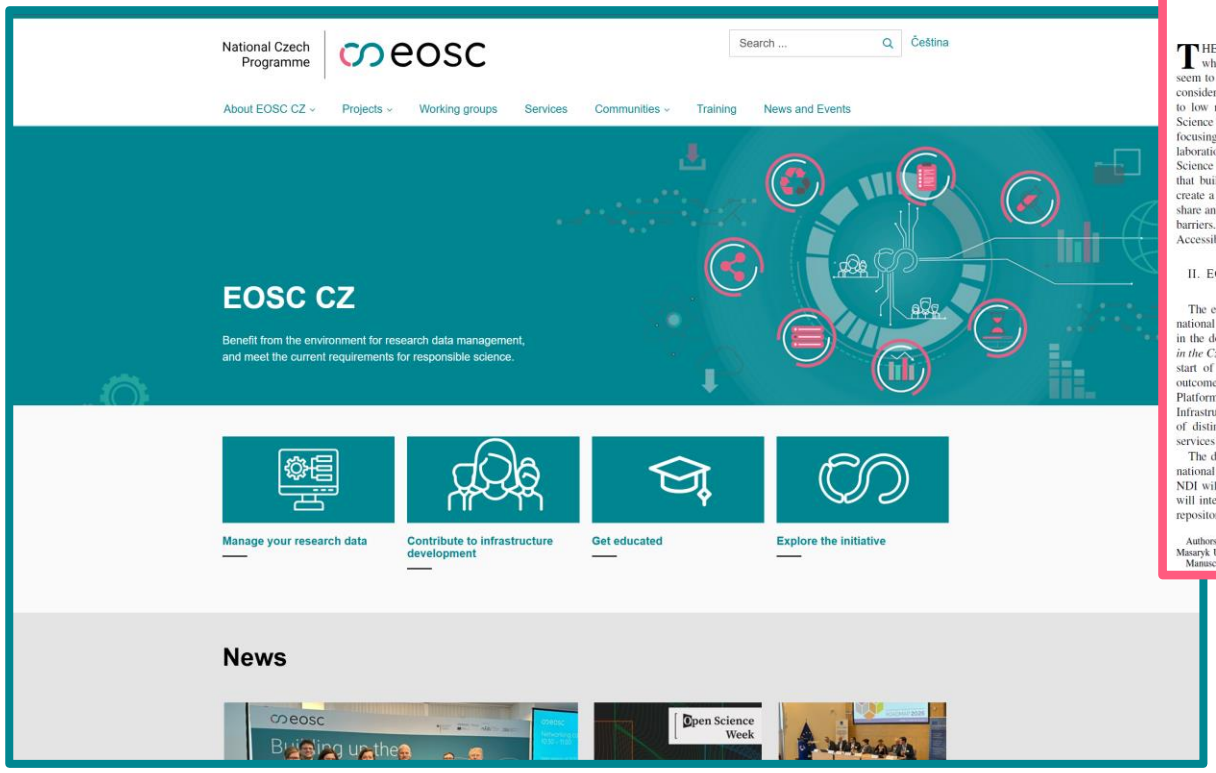
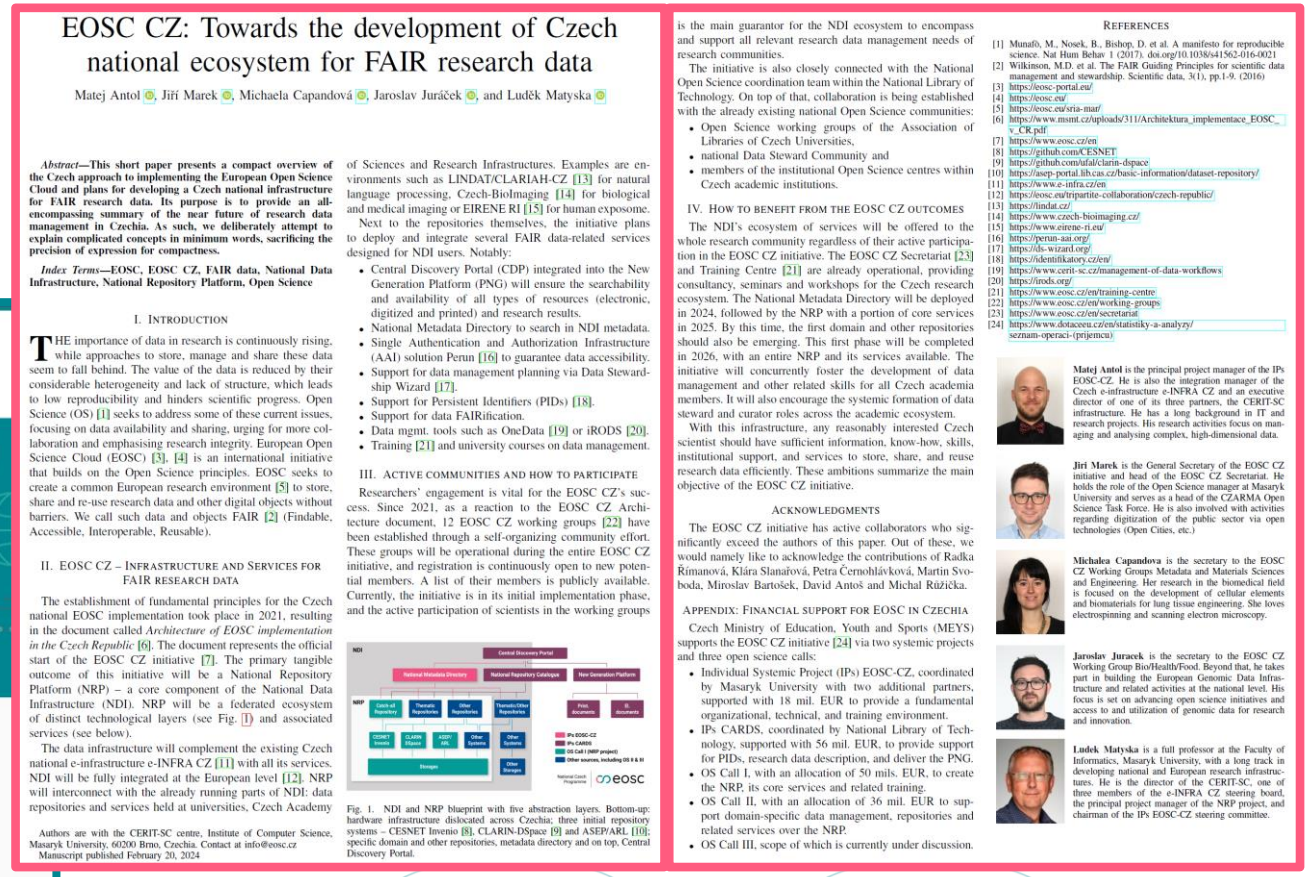


visit https://www.eosc.cz/en



EOSC CZ: Towards the development of Czech national ecosystem for FAIR research data

Matej Antol, Jiří Marek, Michaela Capandová, Jaroslav Juráček, and Luděk Matyska

Abstract—**This short paper presents a compact overview of the Czech approach to implementing the European Open Science Cloud and plans for developing a Czech national infrastructure for FAIR research data. Its purpose is to provide an all-encompassing summary of the near future of research data management in Czechia. As such, we deliberately attempt to explain complicated concepts in minimum words, sacrificing the precision of expression for compactness.**

Index Terms—**EOSC, EOSC CZ, FAIR data, National Data Infrastructure, National Repository Platform, Open Science**

I. Introduction

THE importance of data in research is continuously rising, while approaches to store, manage and share these data seem to fall behind. The value of the data is reduced by their considerable heterogeneity and lack of structure, which leads to low reproducibility and hinders scientific progress. Open Science (OS) [1] seeks to address some of these current issues, focusing on data availability and sharing, urging for more collaboration and emphasising research integrity. European Open Science Cloud (EOSC) [3], [4] is an international initiative that builds on the Open Science principles. EOSC seeks to create a common European research environment [5] to store, share and re-use research data and other digital objects without barriers. We call such data and objects FAIR [2] (Findable, Accessible, Interoperable, Reusable).

II. EOSC CZ – Infrastructure and Services for FAIR research data

The establishment of fundamental principles for the Czech national EOSC implementation took place in 2021, resulting in the document called *Architecture of EOSC implementation in the Czech Republic* [6]. The document represents the official start of the EOSC CZ initiative [7]. The primary tangible outcome of this initiative will be a National Repository Platform (NRP) – a core component of the National Data Infrastructure (NDI). NRP will be a federated ecosystem of distinct technological layers (see Fig. 1) and associated services (see below).

The data infrastructure will complement the existing Czech national e-infrastructure e-INFRA CZ [11] with all its services. NDI will be fully integrated at the European level [12]. NRP will interconnect with the already running parts of NDI: data repositories and services held at universities, Czech Academy of Sciences and Research Infrastructures. Examples are environments such as LINDAT/CLARIAH-CZ [13] for natural language processing, Czech-BioImaging [14] for biological and medical imaging or EIRENE RI [15] for human exposome.

Next to the repositories themselves, the initiative plans to deploy and integrate several FAIR data-related services designed for NDI users. Notably:

- Central Discovery Portal (CDP) integrated into the New Generation Platform (PNG) will ensure the searchability and availability of all types of resources (electronic, digitized and printed) and research results.
- National Metadata Directory to search in NDI metadata.
- Single Authentication and Authorization Infrastructure (AAI) solution Perun [16] to guarantee data accessibility.
- Support for data management planning via Data Stewardship Wizard [17].
- Support for Persistent Identifiers (PIDs) [18].
- Support for data FAIRification.
- Data mgmt. tools such as OneData [19] or iRODS [20].
- Training [21] and university courses on data management.

III. Active communities and how to participate

Researchers' engagement is vital for the EOSC CZ's success. Since 2021, as a reaction to the EOSC CZ Architecture document, 12 EOSC CZ working groups [22] have been established through a self-organizing community effort. These groups will be operational during the entire EOSC CZ initiative, and registration is continuously open to new potential members. A list of their members is publicly available. Currently, the initiative is in its initial implementation phase, and the active participation of scientists in the working groups is the main guarantor for the NDI ecosystem to encompass and support all relevant research data management needs of research communities.

The initiative is also closely connected with the National Open Science coordination team within the National Library of Technology. On top of that, collaboration is being established with the already existing national Open Science communities:

- Open Science working groups of the Association of Libraries of Czech Universities,
- national Data Steward Community and
- members of the institutional Open Science centres within Czech academic institutions.

IV. How to benefit from the EOSC CZ outcomes

The NDI's ecosystem of services will be offered to the whole research community regardless of their active participation in the EOSC CZ initiative. The EOSC CZ Secretariat [2,3] and Training Centre [21] are already operational, providing consultancy, seminars and workshops for the Czech research ecosystem. The National Metadata Directory will be deployed in 2024, followed by the NRP with a portion of core services in 2025. By this time, the first domain and other repositories should also be emerging. This first phase will be completed in 2026, with an entire NRP and its services available. The initiative will concurrently foster the development of data management and other related skills for all Czech academia members. It will also encourage the systemic formation of data steward and curator roles across the academic ecosystem.

With this infrastructure, any reasonably interested Czech scientist should have sufficient information, know-how, skills, institutional support, and services to store, share, and reuse research data efficiently. These ambitions summarize the main objective of the EOSC CZ initiative.

Acknowledgments

The EOSC CZ initiative has active collaborators who significantly exceed the authors of this paper. Out of these, we would namely like to acknowledge the contributions of Radka Římanová, Klára Slanařová, Petra Černohlávková, Martin Svoboda, Miroslav Bartošek, David Antoš and Michal Růžička.

Appendix: Financial support for EOSC in Czechia

Czech Ministry of Education, Youth and Sports (MEYS) supports the EOSC CZ initiative [24] via two systemic projects and three open science calls:

- Individual Systemic Project (IPs) EOSC-CZ, coordinated by Masaryk University with two additional partners, supported with 18 mil. EUR to provide a fundamental organizational, technical, and training environment.
- IPs CARDS, coordinated by National Library of Technology, supported with 56 mil. EUR, to provide support for PIDs, research data description, and deliver the PNG.
- OS Call I, with an allocation of 50 mils. EUR, to create the NRP, its core services and related training.
- OS Call II, with an allocation of 36 mil. EUR to support domain-specific data management, repositories and related services over the NRP.
- OS Call III, scope of which is currently under discussion.

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[8] https://github.com/CESNET
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[10] https://asep-portal.lib.cas.cz/basic-information/dataset-repository/
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[22] https://www.eosc.cz/en/working-groups
[23] https://www.eosc.cz/en/secretariat
[24] https://www.dotacesu.cz/en/statistiky-a-analyzy/seznam-operaci-(prijemcu)

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Michalea Capandova is the secretary to the EOSC CZ Working Groups Metadata and Materials Sciences and Engineering. Her research in the biomedical field is focused on the development of cellular elements and biomaterials for lung tissue engineering. She loves electrospinning and scanning electron microscopy.

Jaroslav Juracek is the secretary to the EOSC CZ Working Group Bio/Health/Food. Beyond that, he takes part in building the European Genomic Data Infrastructure and related activities at the national level. His focus is set on advancing open science initiatives and access to and utilization of genomic data for research and innovation.

Luděk Matyska is a full professor at the Faculty of Informatics, Masaryk University, with a long track in developing national and European research infrastructures. He is the director of the CERIT-SC, one of three members of the e-INFRA CZ steering board, the principal project manager of the NRP project, and chairman of the IPs EOSC-CZ steering committee.

read https://arxiv.org/pdf/2402.13343

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Thank you for your attention

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EOSC CZ Initiative, NDI Initiative, ISGC 2025_20.3.2025

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