

**NTK**

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Library of Technology



**Czech Academic and Research  
Discovery Services  
CARDS**

# Czechia - Building PID strategy from the bottom up

**Petra Černošková , Hana Heringová **

DataCite Connect 2023 Gothenburg

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the European Union



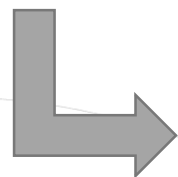
## National Library of Technology (NTK)

- The largest and oldest library for science and technology in Czechia
- Contributory organisation of the Ministry of Education, Youth and Sports
- Part of the national information infrastructure – provides several nation-wide services:



and others...

- **Department for Strategy and Development**



**Centre for Repositories  
and Metadata Management**



Head: Petra Černošávková

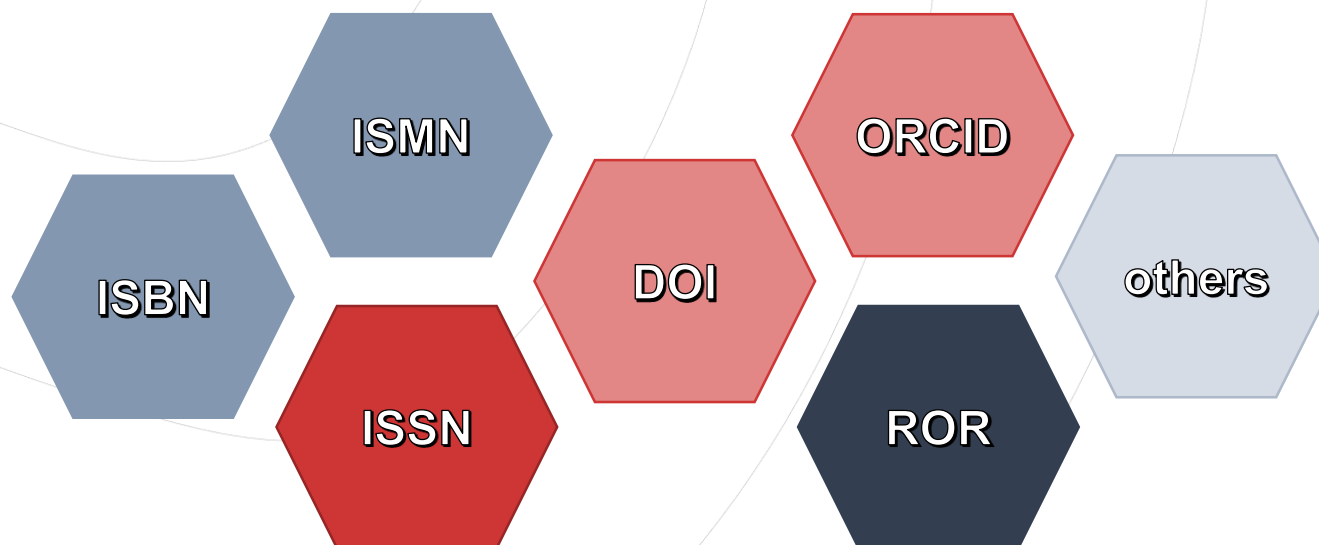


**National Centre  
for Persistent Identifiers**



Head: Hana Heringová

## PIDs – Where we are today



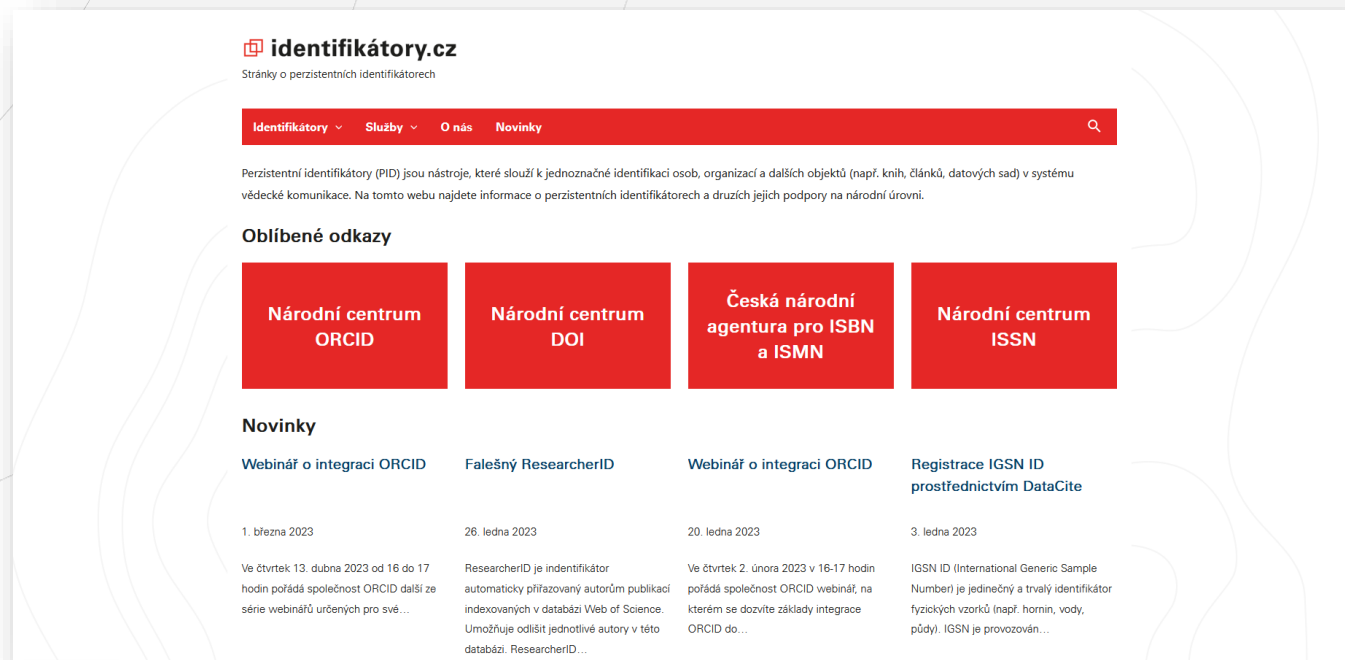
NTK has received project funding for 2023 – 2028 to create and fund:

- **National Centre for Persistent Identifiers**
  - **ORCID consortium**
  - **DataCite consortium**

# National Centre for Persistent Identifiers

GOAL: Provide administrative, methodical and financial support for efficient PID implementation and use in the Czech R&D environment

- Created on Jan 1, 2023
- Currently 4 full time employees (by 2028 up to 8):
  - National ISSN Centre
  - National ORCID Centre
  - National DOI Centre (DataCite)
- Created an information hub on PIDs and related support in cooperation with the Czech National Library:  
[www.identifikatory.cz](http://www.identifikatory.cz)



The screenshot shows the homepage of the National Centre for Persistent Identifiers (www.identifikatory.cz). The page features a red navigation bar with the logo and menu items: Identifikátory, Služby, O nás, and Novinky. Below the navigation bar, there is a search bar and a brief introduction to Persistent Identifiers (PID). The main content area is titled 'Oblíbené odkazy' (Favorite links) and contains four red buttons: 'Národní centrum ORCID', 'Národní centrum DOI', 'Česká národní agentura pro ISBN a ISMN', and 'Národní centrum ISSN'. Below this, there is a 'Novinky' (News) section with four columns of news items, each with a date and a short description.

## National ORCID & DOI (DataCite) Consortia

- Will be created later this year
- Both intended for up to 110 institutions by 2028
- Funded by the CARDS project (Czech Academic and Research Discovery Services)

### ORCID Consortium

~**20** interested institutions

#### Challenges:

- Concerns regarding data privacy > a webinar focusing on ORCID and GDPR
- Unclear on ORCID being mandatory / recommended
- Risk of low interoperability/integrations due to challenges in IT skills

### DOI Consortium

~**5** interested institutions

#### Challenges:

- Misunderstanding of DataCite vs Crossref relationship and use cases
- Current use of handles vs DOIs
- Lack of knowledge of the DOI registration workflow

## Challenges defining PID strategy

- **Lack of knowledge and low trust in PIDs benefits**
  - Czech R&D Information System operates with its own metadata schema not compliant with DataCite
- **Fear of implementation cost and long term sustainability**
- **Multiple funders and decision-makers**
- **To help mitigate these challenges, the National PID Centre:**
  - will carry out a **PR campaign** focused on researchers on **why & how to use ORCID profiles**,
  - will carry out a 2-phase **cost-benefit analysis** of potential financial savings based on efficient PIDs implementation.

## Key stakeholders for PID strategy

### Funders

- MEYS, GACR, TA CR

### Research & Development Council

- Czech R&D Information System

### Projects for implementation of EOSC in Czechia

### Research organisations

- Large and proactive universities (Charles University, Masaryk University, etc.)
- Czech Academy of Sciences

### Research Infrastructures

## PID Strategy as a part of Open Science

National Policy for RDI 2021+ already contains OS actions toward the Open Access to R&D results, incl. data, but still missing national OS strategy.

Expert Committee for OS will be created by NTK to bring in a more systematic, nation-wide approach.

We want to work with the Committee to formulate the national PID strategy.

Our vision:

Have an approved PID strategy for Czechia supported by the main stakeholders & decision makers.

Have a structure that will proactively and continually assess new PIDs and give recommendations that will be applied in practice (with options of financial and technological support).

The National PID Centre will be able to provide long-term financial but also robust methodical support for efficient PID implementation.



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**Thank you for your attention**

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