Building Ukrainian National CRIS

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Ukraine

- 41.2 M people
- 860 — number of R&D personnel by occupation
  (51.427 — researchers, 7.117 — technicians, 20.316 — supporting staff)
- ₴ 17022.4 M — Research and Development expenditure
- 619 — HEI (281 universities)
- Academy of Science
- 100+ — institutional repositories
Project "Building Ukrainian Current Research Information System"

**Holder:** Ministry of Education and Science of Ukraine  
**Partner:** State Scientific and Technical Library of Ukraine  
**Total funding:** € 285,500 (≈₴ 9 M)  
**Period of implementation:** Apr 2020 to Dec 2023
Research Information Landscape

Ministry of Education and Science

Unified State Electronic Database on Education — >organizations
State Register of Scientific Objects Constituting National Heritage — >equipment
State Register of Scientific Institutions Supported by the State — >equipment

Vernadsky National Library of Ukraine

"Portal of Scientific journals of Ukraine " — >publications
Bibliographic database "Ukrainika naukova " — >publications
Portal "Researchers of Ukraine " — >researchers

National Research Foundation of Ukraine

— >projects
Research Information Landscape

**Ukrainian Institute of Scientific and Technical Expertise and Information**
- National Repository of Academic Texts — >publications, dissertations
- Registry of scientific projects — >projects

**Ukrainian Intellectual Property Institute**
- Databases and information and reference systems — >patents

**State Scientific and Technical Library of Ukraine**
- Open Ukrainian Citation Index— >publications
Our goals

- Reduce fragmentation of the Ukrainian research and innovation ecosystem
- Create reliable one-stop service of analytical information for decision making
- Lessen administrative & reporting burden on researchers
- Create booking gate for technological services and research infrastructures
- Locate information on experts
- Boost visibility of national research
- Improve data quality
- Make science more discoverable for general public and media
A nationwide survey

September 20 — October 30, 2020

1286 respondents

1. Does your institution have a RIS?
   Yes — 956
   No — 330

2. What is most desired functionality of the URIS?

- Citation tracking
- Comprehensive researchers’ profile
- Comprehensive organizations’ profile
- Publication tracking
- Reporting
- All listed above
Phase I 2020-2021

- Planning
- Definition of terms, methods and tasks
- Interactions with various stakeholders of national scientific domain and foreign experts
- Definition of metadata sets for each entity
Ukrainian Research Information System

Web-based service that collects, manages, stores and analyzes information about research being carried out by Ukrainian universities and research organizations.
Phase II 2021-2022

- Science news & Research opportunities Module
- Research Infrastructure profile tool
- Research Organizations' profile tool
- Seed data from ORCID registry
- Gathering information on research facilities and equipment
Science news & Research opportunities module

Example
Research Infrastructure profile tool

Example

<table>
<thead>
<tr>
<th>Institutions</th>
<th>Subdivisions</th>
<th>Equipment</th>
<th>Research Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>88</td>
<td>1100</td>
<td>6074</td>
<td>4250</td>
</tr>
</tbody>
</table>
Research Infrastructure profile tool

Example

PENTAKTA L100 apparatus for reading microfiches

Main information

Installation: DNTB Ukraine

Structural division: Department for standardization, technical and production documents

Location: Ukraine

Type: Reader, with remote access

Price: Accessible

Contact person: Help with filling out the form and responsible implementer of assistance in solving problems. Your question is related to this research infrastructure.

Peace for Ukraine
Organizations' profile tool

Example
Phase III 2022-2023

- Researchers' profile tool
- Publications' profile tool
- Projects' profile tool
- Data import from the Unified State Electronic Database on Education, Nation Repository of Academic Texts
- State accreditation of HEI
- GOV ID authentication
Next steps

- Law on Ukrainian Current Research Information System
- Data import
- Automation of government services
- Manual input by users
- Trainings
Thank you!
There is no way a war can be acceptable in the 21st century.