From Traditional Librarian Services to Complex Support of Science and Technology in Slovakia

Ľubomír BILSKÝ
Little bit from history ...  

- 1938 – Central Library of Slovak Technical University in Kosice established

- 1948 – changing name to: Slovak Technical Library

- 1996 – changing name to: Slovak Scientific and Technical Information Center (SSTIC)

- 2007 – moving to current premises in Bratislava, transformation towards new services (EU funds)
MISSION

- National information centre and specialized scientific library
- Operation of state systems and registries in the field of science (SK CRIS, Publication Activity, Antiplagiarism system, ...)
- National centre for science and technology promotion
- Technology transfer centre with nation-wide operation
- Patent Library Bratislava – PATLIB, dep. library of OECD, EBRD & WIPO
- National Point of Reference for OpenAccess to Scientific Information
- Information and prognoses in education
- Network of National Contact Points for HORIZON 2020
- Slovak Liaison Office for R&D in Brussels (SLORD)
Slovak NCPs Office for HORIZON 2020
Since January 2014

MISSION

• Horizon 2020 awareness raising
• Assistance in setting-up of competitive international project consortia
• More project applications with Slovak participants
• Better success rates of applications with Slovak participants
• More project coordinators from Slovakia
• Increase of excellence in applications with Slovak participants
• Higher funding scores for Slovak participants in Horizon 2020
• Improvement of Slovak participation rates in Horizon 2020

http://ncp.cvtisr.sk
Slovak Liaison Office for Research and Development
Rue du Luxembourg 3, 1000 Brussels

MISSION

• Communication with European institutions in the field of research, development and innovations
• To develop communication with other organizations based in Brussels
• Communication with international research and innovation community
• To improve flow of information between European institutions and Slovak researchers and innovators
• Support of Slovak participation in the European Research Area
• To create a base for Slovak R&D institutions in Brussels
• Identification of potential partners and cooperation
• Providing of consultations for Slovak researchers
CENTRAL REGISTRIES AND SYSTEMS
SK CRIS contains following registries

- R&D organisations
- R&D projects supported from public funds
- R&D personnel (more than 22,000 people, incl. database of experts)
- R&D infrastructure
- RTD results (publications, patents, projects, innovation)

Added value

- Coherent information on Slovak science, integration of all R&D data
- Interoperability with other research systems in the SR and Europe (based on CERIF standards)
- User friendly environment and interface for data input and searching
Central Registry of Publication Activity | 1

- Centralised evidence of publication activity of Slovak universities
- Currently covers 30 universities (public, state and private)
- Bibliographic database contains 321,662 entries from the period 2007 – 2013
- Processing and verification of data, control of formal description of bibliographic records and correctness of their assignment to individual categories
- Information on publication activity is used for presentation, comparison, and mapping of R&D and scientific activity of universities;
- Data is used also as a basis for annual calculation of state subsidies to public universities

www.crepc.sk
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<tr>
<th>č.</th>
<th>ID</th>
<th>kategória</th>
<th>autor</th>
<th>názov</th>
<th>rok</th>
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<tr>
<td>1</td>
<td>SPL,Nitra.095280</td>
<td>AAB</td>
<td>Maga Juraj</td>
<td>Komplexný model využitie biomasy na energetické účely</td>
<td>2008</td>
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<td>Alternatívy vývoja európskej integrácie</td>
<td>2009</td>
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<td>EU.Bratislava.0072537</td>
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<td>Kosír Igor</td>
<td>Energetická bezpečnosť Slovenskej republiky v podmienkach členstva a v Európskej únií</td>
<td>2008</td>
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<td>4</td>
<td>TU. Košice.70481</td>
<td>AAB</td>
<td>Hordaj Peter</td>
<td>Využitie bioplynu</td>
<td>2008</td>
<td></td>
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<td>ŽU.Žilina.PC022471</td>
<td>AAB</td>
<td>Jandačka Jozef</td>
<td>Biomasa ako zdroj energie. Potenciál, druhy, bilancia a vlastnosti pelív</td>
<td>2008</td>
<td></td>
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<td>EU.Bratislava.0059649</td>
<td>AAB</td>
<td>Boláš Peter</td>
<td>Energie a jej vplyv na hospodársky rast vo svetovej ekonomike</td>
<td>2007</td>
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<td>ŽU.Žilina.PC022473</td>
<td>AAB</td>
<td>Jandačka Jozef</td>
<td>Technológie pre pripravu a energetické využitie biomasy</td>
<td>2008</td>
<td></td>
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<td>8</td>
<td>ŽU.Žilina.PC022474</td>
<td>AAB</td>
<td>Jandačka Jozef</td>
<td>Technológie pre zvyšovanie energetického potenciálu biomasy</td>
<td>2008</td>
<td></td>
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<tr>
<td>9</td>
<td>EU.Bratislava.0073765</td>
<td>AAB</td>
<td>Boláš Peter</td>
<td>Energy and its impact on economics growth in the world economy</td>
<td>2008</td>
<td></td>
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<td>10</td>
<td>TU.Zvolen.0006657</td>
<td>ADC</td>
<td>Orłowski Kazimierz A.</td>
<td>Saving frozen wood with narrow kerf saws: energy and quality effects</td>
<td>2009</td>
<td>Forest products journal. ISSN 0015-7473. - Vol. 59, no. 3 (2009), p. 79-83.</td>
</tr>
</tbody>
</table>
Creation initiated by the Ministry of Education with aim to ensure collection and archiving of theses, qualification works and dissertations from and create a corpus for Antiplagiarism system.

The registry operation started in April 2010 and currently contains more than 300,000 records from all HEIs.

Theses and dissertations submitted after 1.9.2011 are according to novelisation of Act on Higher Education publicly accessible.

**ANTIPLAGIARISM SYSTEM** – all theses and dissertations are compared with other works in registry and with selected internet resources (originality check).
European Prize for Innovation in Public Administration

– Initiatives for Education and Research

Announced on 6 June 2013 during the Week of Innovative Regions Europe Conference (WIRE IV)

€ 100,000 for further development and promotion of the system
SciDAP database

- Central database of Slovak information resources for R&D
- SciDAP will be the central access point to full texts of Slovak OpenAccess scientific publications
- Currently offers bibliographic records on OA titles and articles with links to source documents
  - 74 journals
  - 65,626 articles
NATIONAL PROJECTS

... EU structural funds ...
OBJECTIVE
Provision of access to R&D-related electronic information resources for the science community and university students in Slovakia

IMPLEMENTATION
DEC 2008 – DEC 2015

BUDGET
€ 30 millions

Supporting research in Slovakia / Project co-financed from the EU funds
OBJECTIVE
Building the ICT infrastructure that will store, process and provide high access to information needed for R&D activities

• Digitizing work station at SSTIC as part of the project

IMPLEMENTATION
June 2009 – June 2015

BUDGET
33 133 963,58 €
OBJECTIVE
Creation and implementation of national system for support of RTD results application in social and economic praxis

IMPLEMENTATION
June 2010 – December 2014

BUDGET
8 234 571,17 €
Centre of Patent Information

PATLIB in the SCSTI since May 2003
- In co-operation with the Industrial Property Office of the SR

PATENT INFORMATION SERVICES
- Patent research and state-of-the-art searching services
- Information on IP-related issues and IPR protection
- Organisation of specialized seminars and trainings

EPO pilot project for PATLIB reorientation (2010 – 2013)
**OBJECTIVE**
The aim of the project is to improve the perception and status of science in society through the promotion of science and technology towards the wider public, including the youth.

**IMPLEMENTATION**
April 2013 – November 2015

**BUDGET**
14 949 307,90 €
OBJECTIVE
Creation and development of National Business Centre (NPC) as an interface between industry and academia

PARTNER
Slovak Business Agency

IMPLEMENTATION
06/2014 – 10/2015

BUDGET
9 989 602,86 €
SPACE FOR YOUR IDEAS AND CREATIVITY

Open platform for designers, artists, students and general public, offering the space for working with technologies of Xxi, century.

Slovak Scientific and Technical Information Centre
French institute in Slovakia
Faculty of Informatics and Information Technologies STU
Bratislava municipality
OBJECTIVE

Adjusting the higher education to real needs of knowledge-based society by creating a pilot system linking universities with business practice (cooperation network)

IMPLEMENTATION

05/2013 – 11/2015

BUDGET

17,072 mil. EUR
Modern education – digital education for subjects in general education

OBJECTIVE

Content conversion of education at primary and secondary schools using innovative teaching forms and methods and introduction of digital technology in education (digital learning objects)

IMPLEMENTATION

03/2013 – 11/2015

BUDGET

19,564 mil. EUR

www.digitalnevzdelavanie.sk
INTERNATIONAL PROJECTS

- **FORT**  [www.project-fort.com](http://www.project-fort.com)
  - Fostering Research and Technology Application

- **SEE Science**  [www.seescience.eu](http://www.seescience.eu)
  - Science Sentres Development in SEE region

- **SmartNet**  [www.twinstars.eu](http://www.twinstars.eu)
  - Technology Centres Network

- **CentralCommunity**  [www.central-community.eu](http://www.central-community.eu)
  - Life Science Innovation

- **SEE Technology**  [www.seetechnology.eu](http://www.seetechnology.eu)
  - Science Parks Development

- **HORIZON 2020**
  - 7 running projects (Cosmos; IdealIST; NCPsCaR; ERN; Net4Society; OpenAIRE; VIP4SMEs)
PUBLISHING

QUARK Science and technology magazine

ITlib. Information technologies and libraries

TTb Technology transfer bulletin

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