Research Information Systems of EuroHORCS Member organisations

Jesper Aven (SRC) and Alexis-Michel Mugabushaka (ESF)

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Background

Task 1 of the “Scoping Phase”

- An overview of the RIS in euroHORCS Member Organizations
- Based on basic characteristics RIS, assess the commonalities and differences

www.esf.org
Questionnaire to organisations in EuroHORCS

Internet-research

Field phase
- Questionnaire sent 30 April 2007 to EuroHORCS members with deadline 15 May 2007
- Reminder 23 May 2007 (and phone calls)

Replies + Internet search
- Information about RIS in 24 Organisations

One page questionnaire
Developed by the Working Group
Three parts
- RIS of the Organization
  - Do you have a RIS?
  - Short description
  - Language/ Interface
  - User and Usage statistics
- Joint Internet-research
  - Interest
  - Added value
- Additional information
  - Field Classification
What is RIS?

Do you have a RIS?

"...the world is more complicated than that"

Research Information Systems (RIS/CRIS)

Definition

CRIS: Current Research Information System

Tools to „provide to and disseminate research information. This includes People, Projects, Organisations, Results (publications, patents and products), Facilities and Equipments” (Jeffery & Asserson, 2006)
Scope set by the Working Group*

Function: provide **online access** to funded projects (by research funding agencies) or on-going research activities (by research performing organisations).

Informational entities: Projects, Programmes, Organisations, and Outputs (PPPOO)

Functionality: information organized in searchable databases (not listings of projects on the web)

* interpretation of the mandate

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RIS in EuroHORCS member organisations

„1st Dimension: Type of Organisations“
The intention was to collect information on RIS of ALL EuroHORCS Organisations

We have information on 24 Organisations:

- 22 RFA: Research Funding Agency
- 2 RPO: Research Performing Organisations

Organisations:

<table>
<thead>
<tr>
<th>Country</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT</td>
<td>National Institute for Nuclear Physics (INFN), an internal system</td>
</tr>
<tr>
<td>SP</td>
<td>Spanish National Research Council (CSIS), an internal system, <strong>an online accessible RIS is being developed</strong></td>
</tr>
</tbody>
</table>
### Organisations without RIS but planning to have one (RFA)

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DK</td>
<td>Danish Agency for Science, Technology and Innovation (DASTI)</td>
</tr>
<tr>
<td>LU</td>
<td>National Research Fund – Luxembourg (FNR)</td>
</tr>
<tr>
<td>FI</td>
<td>Academy of Finland</td>
</tr>
<tr>
<td>HU</td>
<td>Hungarian Scientific Research Fund (OTKA)</td>
</tr>
<tr>
<td>IE</td>
<td>Entreprise Ireland</td>
</tr>
<tr>
<td>GR</td>
<td>National Hellenic Research Foundation (NHRF)</td>
</tr>
</tbody>
</table>

### Organizations with RIS

<table>
<thead>
<tr>
<th>Number</th>
<th>Organisation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AT</td>
<td>Austrian Science Fund (FWF)</td>
</tr>
<tr>
<td>2</td>
<td>BE</td>
<td>Research Foundation Flanders (FWO)</td>
</tr>
<tr>
<td>3</td>
<td>CZ</td>
<td>Czech Science Foundation (GA CR)</td>
</tr>
<tr>
<td>4</td>
<td>CH</td>
<td>Swiss National Foundation (SNF)</td>
</tr>
<tr>
<td>5</td>
<td>DE</td>
<td>German Research Foundation (DFG)</td>
</tr>
<tr>
<td>6</td>
<td>EE</td>
<td>Estonian Science Foundation (ETF)</td>
</tr>
<tr>
<td>7</td>
<td>NL</td>
<td>Netherlands Organisations for Scientific Research (NWO)</td>
</tr>
<tr>
<td>8</td>
<td>PT</td>
<td>Federation for Science and Technology (FCT)</td>
</tr>
<tr>
<td>9</td>
<td>TR</td>
<td>Scientific and Technological Research Council of Turkey (TÜBİTAK)</td>
</tr>
<tr>
<td>10</td>
<td>SE</td>
<td>Swedish Research Council (SRC)</td>
</tr>
<tr>
<td>11</td>
<td>SL</td>
<td>Slovenian Research Agency (SRA)</td>
</tr>
<tr>
<td>12</td>
<td>UK</td>
<td>Engineering and Physical Sciences Research Council (EPSRC)</td>
</tr>
<tr>
<td>13</td>
<td>UK</td>
<td>Natural and Environmental Sciences Council (NERC)</td>
</tr>
<tr>
<td>14</td>
<td>UK</td>
<td>Arts and Humanities Research Council (AHRC)</td>
</tr>
<tr>
<td>15</td>
<td>UK</td>
<td>Economic and Social Sciences Research Councils (ESRC)</td>
</tr>
<tr>
<td>16</td>
<td>UK</td>
<td>Science and Technology Facilities Council (STFC)</td>
</tr>
</tbody>
</table>
RIS – Internet access

1. FWF  www.fwf.ac.at/de/projects/projekt_suche.html
2. FWO  www.vlaanderen.be/iweto
4. SNF  www.projectdb.snf.ch//webforms/Frameset.aspx
5. DFG  www.dfg.de/gepris
6. ETF  www.etis.ee
7. NWO  www.nwo.nl/projecten.nsf/pages/losearch_eng/
8. FCT  www.fct.mctes.pt/apoios/projectos/bd/
9. TÜBİTAK  mistug.tubitak.gov.tr/proje
10. SRC  vrproj.vr.se
11. SRA  sicris.izum.si
12. EPSRC  gow.epsrc.ac.uk
13. NERC  gotw.nerc.ac.uk
14. AHRC  www.ahrc.ac.uk/awards
15. ESRC  www.esrcsocietytoday.ac.uk
16. STFC  www.so.stfc.ac.uk/gow/intro.asp

Comparing RIS of EuroHORCS member organisations

Other Dimensions

- Datamodel
- CERIF
- Other
- Technical Platform
- Database system
Autonomy

- **Standalone RIS***
  - Information from one Organisation
  - Dedicated System to provide information on funded projects

- **Embedded in a wider Research Information Portal**
  - National Portal
  - together with other organisations another

- The System of the Belgian FWO in Belgium is part of IWETO (research System for Flanders)
- The RIS of the Estonian Science Foundation are a subset of the National Research Portal (ETIS)
- SICRIS, the RIS of the Slovenian Research Agency aims to be a national Research Information Portal (contains EC FP Projects and will record also data from other all research organisations in Slovenia

* By Standalone, a difference can be made between RIS embedded in operational information Systems and separate RIS

Search Possibilities

**Systems with „simple search“ facilities**
- Preset „search criteria“

**Standard practice is**
- free search
- advanced search
- preset „criteria“

An issue not addressed in the consultation is the "search mechanisms" („brute force search“ versus „indexing / weighting"
Concluding Remarks

The RIS Systems of euroHORCS Organisations share basic common features but looking into details it can be concluded that there are far from convergent.

The next presentations will present “case studies” of selected RIS.