INTRODUCING THE PURE USER COMMUNITY IN BELGIUM
ROBBY PAUWELS & EVELINE VAN DEN BRULLE
**INTRODUCTION**

**Current Research Information System**

Database to store and manage data about research conducted at an institution.
There are several (research) institutions that:

- Use Pure (VUB since 2016)
- Use Pure **via EWI** (EWI multitenant)
- Have another CRIS solution

Each Flemish University sends its information to **FRIS-platform**.

FRIS = Flanders Research Information Space

More information about FRIS and the Flemish Government at: [https://researchportal.be/nl](https://researchportal.be/nl)
Institutions using PURE – being part of the PURE-BE community:

- **VUB**: Free University of Brussels
- **INBO**: Institute for Nature and Forest Research
- **ILVO**: Institute of Agriculture, Fisheries and Food Research
- **ITG**: Institute of Tropical Medicine Antwerp
- **Multitenant – EWI**: Botanic Garden Meise, Department of Environment and health, ZOO (Koninklijke Maatschappij voor Dierkunde van Antwerpen), Royal Museum of Fine Arts Antwerp
- **SCKEN**: Belgian Nuclear Research Centre
- **University of Namur** (not connected with FRIS)

*EWI: Department of Economy, Science and Innovation*
<table>
<thead>
<tr>
<th>Use Pure (eg VUB)</th>
<th>EWI multitenant (eg Plantentuin Meise)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greater number of researchers</td>
<td>Fewer researchers</td>
</tr>
<tr>
<td>Greater amount of research output</td>
<td>Fewer amount of research output</td>
</tr>
<tr>
<td>Decentralized entry of publications possible (by researchers themselves)</td>
<td>Central input of research output</td>
</tr>
<tr>
<td>More flexibility to configuration Pure</td>
<td>Existing configuration must be maintained as there are other users of the same system</td>
</tr>
<tr>
<td>Maintenance and follow-up of Pure is at institution itself</td>
<td>Support through EWI (and PUC) maintenance at EWI</td>
</tr>
</tbody>
</table>
CURRENT RESEARCH INFORMATION SYSTEM

(Research) institutions that have other solution:

- UHASSELT
- KATHOLIEKE UNIVERSITEIT LEUVEN
- Universiteit Antwerpen
- UNIVERSITEIT GENT
**Research data in Pure:**
- Publications
- Projects & funding (=awards)
- Activities
- Equipment/ Infrastructure
- Datasets
- ...

**Master data in Pure:**
- Internal & external organizations
- Internal & external persons
- Author Collaborations
- Journals & Publishers
- ...
CHALLENGES IN SYSTEMS

PURE VUB = UK version PURE

- More modifications
- More data than other institutions, more issues connection FRIS
- Pull from FRIS (not many filters)

Multitenant = BE version PURE

- Less modifications
- Less data = less issues
- Pull from FRIS (not many filters)
SENDING TO FRIS

Validation process:

PURE

Entry in progress

For validation

FRIS

Validated
The information must be complete to be validated (! Mandatory Fields).

1) The person doing the input can immediately validate if the info is present. Or he/she can decide not to validate it yet to add info later.

- **Less quality control**

2) The person doing the input and the person validating are not the same person and so a workflow can be set up where the rights of those 2 people are different.

- **More quality control**

All validated published papers and projects with a publication date after 2008 go to FRIS.
SENDING TO FRIS
FRIS-module in PURE (made by Elsevier)

Filter *Projects & Awards* on:
1. Cut-off Date (2007-12-31)
2. Type Award

Filter *Research Output* on:
1. Cut-off Research Output Date (2008-01-01)
2. Type Research Output
FLEMISH DISCIPLINE CODES

- 06/03/04 Theology and religious studies
- 06/03/04/01 History of religions, churches and theology
- 06/03/04/02 Theories of religions 06/03/04/03 Study of Christianity
- 06/03/04/04 Study of Islam and quranic studies
- (...)

▶ The discipline codes should also be added to PURE and send to FRIS.
▶ Highest Level: OESO Research Areas
FLEMISH DISCIPLINE CODES

Mandatory for:

- Projects
- Organizations (if Research Group)
- Persons
Maintenance & Datacleaning:

VUB PURE-Team

• 2 Admins
• 2 Analyst
• 1 Coordinator
• + 1 ICT Developer
Input:

- Pure-team
- Researchers
- Secretary's office
- Library
- Datastewards (3 in total with each specific domain)
Voeg nieuw item toe

Onderzoeksoutput

- Maak aan op basis van een sjabloon
- Importeer via een online bron
- Importeer via een bestand

- Actievel
- Prijs
- Pers / media
- Aanvraag
- Toelage
- Project
- Dataset
- Scriptie/masterafoor
- Uitreiking/faciliteit
- Curriculum Vitae

Boek
- Boek
- Anthologie
- Rapport
- P1: Proceedings in ISI
- Opgedragen rapport

- Bijdrage aan tijdschrift
- Hoofdstuk in Boek/Rapport/Congressprocedura
- Bijdrage aan congress
- Nieuw-tekstuele vorm
- Scriptie
- Octrooi
- Andere bijdrage

Een algemeen uniek werk, gepubliceerd in één of meerdere volumes. Meestal met één of meerdere auteurs in één of meerdere vakgebieden. Het kan gericht zijn op een specifieke wetenschappelijk publiek of geschreven zijn voor een bredere publiek.
ADDING INFORMATION
PUC-BE
Chair: VUB
2x per year meeting
Confluence
IMPLEMENTATION OF NEW REQUIREMENTS

VUB takes the lead when new requirements are to be implemented by means of

- Performing testing
- Writing user guides
- Providing personal training for colleague institutions

Examples:

- KPI Open data - SPDX licences on datasets
- Input of Infrastructure / Patents
- FRIS Business Rules (FRIS Vademecum)
BEST CASES

• PURE upgrade

<table>
<thead>
<tr>
<th>VUB</th>
<th>ITG</th>
<th>INBO</th>
<th>ILVO</th>
<th>Unamur</th>
<th>SCKCEN</th>
<th>Plantentuin</th>
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<td>5.24.1-2</td>
<td>5.23</td>
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</table>

• PURE Cloud
  • Migration mandatory starting from Feb 2024
BEST CASES

- Ticketing system PURE (call to vote on tickets)
- Mappings & Classifications
- Implementation Infrastructure & Datasets
- Open Access Monitor
- Manuals
- FRIS connection
- Codes: FIN / VODS
- ...
Open Science KPI’s:

- KPI ORCID
- KPI DMP
- KPI Open Access
- KPI Open Data
CASE EXAMPLE: DMP (II)

HOW TO

- AS PUC coördinator: guiding PURE users to “how to configure PURE so DMP-labels can be registered and send to FRIS”:
  - Add a keyword in the project template:
    - Create a Classification Scheme: Pure<Master data<Classification schemes
      - URI: be/ewi/fris/dmp
      - DMP present: be/ewi/fris/dmp/present
      - DMP not present: be/ewi/fris/dmp/notpresent
    - Add a keyword:
      - PURE<Administrator<Keywords<add keyword group
• PUC: call for support?

• Management module => Overview in Excel file

• Manual on how to implement mappings for patents & infrastructures as it can be sent to FRIS

### CASE EXAMPLE: MAPPINGS

**PATENTS & INFRASTRUCTURE**

<table>
<thead>
<tr>
<th>Subthema</th>
<th>PURE TERM</th>
<th>FRIS TERM</th>
</tr>
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<tbody>
<tr>
<td>50 Contacts Participants</td>
<td>/dk/atira/pure/equipment/roles/equipment/manager</td>
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<td>51 Contacts Participants</td>
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<td>Operational responsible</td>
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<tr>
<td>52 Contacts Participants</td>
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<tr>
<td>55 Infrastructure Entity</td>
<td>/dk/atira/pure/equipment/equipmenttypes/equipment/facility/no_e_resource</td>
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<tr>
<td>56 Infrastructure Entity</td>
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<td>67 Consortium participants</td>
<td>/dk/atira/pure/equipment/roles/equipment/infrastructure_coordinator</td>
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</table>
TIPS

FRIS logs of incremental delivery are a huge help!

<table>
<thead>
<tr>
<th>WSERVICE OPERATIE</th>
<th>LEVERANCIER</th>
<th>GESTART</th>
<th>VOLTOOID</th>
<th>OBJECTEN</th>
<th>FOUTEN</th>
<th>WAARSCHUWINGEN</th>
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<tbody>
<tr>
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<td>15/05/2023 16:09</td>
<td>19/05/2023 16:10</td>
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<td>19/05/2023 16:00</td>
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<td>32</td>
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Incremental not checked:

- Projects DMP-label
  - Label filled out in Pure for existing FRIS-projects (t0)
  - Extract received from FRIS team (t0+2M)
    - Projects were not updated in FRIS, incremental was down at t0
  - FRIS team retriggers projects (t0+2M)

Incremental checked:

- Projects linked to Research Output
  - Project validated for delivery to FRIS (t0)
  - Incremental shows BR errors on RO (t0)
    - RO was not yet validated, hence not yet in FRIS
  - RO validated and delivered to FRIS (t0)
  - Project retriggered and delivered to FRIS (t0)
Main goal: Supporting other institutions using PURE

BUT:

• No 1 fits all solution (checking needs of institution)

• Research might be organized in another way which impacts also the registration of research

• Experience of the system and FRIS-connection is required to fully support other PURE users
QUESTIONS?

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Teamleader CRIS PURE-team

Research Information & Data Management

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Vrije Universiteit Brussels
HET DENKEN MAG ZICH NOOIT ONDERWERPEN.

THINKING MUST NEVER SUBMIT ITSELF.