



INTRODUCING THE PURE USER COMMUNITY IN BELGIUM

ROBBY PAUWELS & EVELINE VAN DEN BRULLE



VRIJE
UNIVERSITEIT
BRUSSEL

INTRODUCTION

Current **R**esearch **I**nformation **S**ystem=

Database to store and manage data about research conducted at an institution.



The screenshot shows the 'Pure' dashboard for Vrije Universiteit Brussel. The interface includes a top navigation bar with tabs for Editor, Master data, Reporting, Dashboard, Award management, Administrator, and Usage analytics. A left sidebar lists various categories like Research outputs, Activities, Prizes, Press/Media, Applications, Awards, Projects, Ethical reviews, Funding opportunities, Impacts, Datasets, Student theses, Facilities/Equipment, Curricula Vitae, Report definitions, and SETA. The main content area displays several tables of research data with counts.

Category	Count
Research outputs	156760
Article (Contribution to journal)	66665
Chapter	16542
Meeting abstract (Book)	15609
Conference paper (Chapter in Book/Report/Conference proceeding)	15477
Article (Contribution to specialist/vulgarizing publication)	5670
Book	5136
Commissioned report	3903
PhD Thesis	3754
Poster	3246
Meeting abstract (Journal)	2782
Prizes	3389
Prize (including medals and awards)	2489
Fellowship awarded competitively	540
National/international honour	157
Other distinction	134
Appointment	37
Election to learned society	32
Applications	3277
Proposal (Other)	1708
Proposal (National Industry)	509
Activities	97315
Participation in workshop, seminar	17548
Talk or presentation at a conference	17383
Participation in conference	15330
Talk or presentation at a workshop/seminar	11611
Membership of external research organisation	6229
Research and Teaching at External Organisation	5182
Membership of peer-review panel or committee	3450
Participating in or organizing a public lecture/debate	3255
Talk at a public lecture/debate	3249
Consultancy	2343
Press/Media	12729
Other	8282
Expert Comment	3194
Research	828
Public Engagement Activities	425
Awards	22246
Award (Other)	11646
Award (National Industry)	2129
Award (National Government)	2000
Award (FAC)	1830

On the right side of the dashboard, there are sections for 'Add content', 'Tasks' (listing synchronization status for Persons, Research outputs, Projects, and Datasets), and 'Notifications' (showing a message from 8 days ago).

CURRENT RESEARCH INFORMATION SYSTEM

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>

CURRENT RESEARCH INFORMATION SYSTEM

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

sck cen

INSTITUUT
NATUUR- EN
BOSONDERZOEK

DEPARTEMENT
ECONOMIE
WETENSCHAP &
INNOVATIE

VUB
VRIJE
UNIVERSITEIT
BRUSSEL

INSTITUTE
OF TROPICAL
MEDICINE
ANTWERP

ILVO
Flanders Research Institute for
Agriculture, Fisheries and Food

CURRENT RESEARCH INFORMATION SYSTEM

(Research) institutions using PURE **through EWI** (EWI multitenant)

Use Pure (eg VUB)	EWI multitenant (eg Plantentuin Meise)
Greater number of researchers	Fewer researchers
Greater amount of research output	Fewer amount of research output
Decentralized entry of publications possible (by researchers themselves)	Central input of research output
More flexibility to configuration Pure	Existing configuration must be maintained as there are other users of the same system
Maintenance and follow-up of Pure is at institution itself	Support through EWI (and PUC) maintenance at EWI

CURRENT RESEARCH INFORMATION SYSTEM

(Research) institutions that have other solution:



CURRENT RESEARCH INFORMATION SYSTEM

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

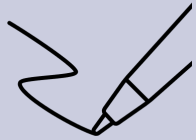
- Less modifications
- Less data = less issues
- Pull from FRIS (not many filters)

SENDING TO FRIS

Validation process:

PURE

FRIS



Entry in
progress



For validation



Validated

SENDING TO FRIS

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

ROLES & FUNCTIONS VUB

Maintenance & Datacleaning:

VUB PURE-Team

- 2 Admins
- 2 Analyst
- 1 Coordinator
- + 1 ICT Developer

ROLES & FUNCTIONS VUB

Input:

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

ADDING INFORMATION

Pure SFRI Tenants

Editor Master data Dashboard Administrator Gebruiksanalyse

Redactioneel overzicht

- Output
- Activiteiten
- Prijzen
- Pers / media
- Aanvragen
- Toelagen
- Projecten
- Datasets
- Scripties/masterproeven
- Uitrusting/faciliteiten
- Curricula Vitae
- Dienstverlening
- Rapportdefinities

Output 6316

- A1: Web of Science-artikel 1472
- C3: Congres abstract 613
- Poster 579
- Rapport 502
- A2: Artikel in een internationaal wetenschappelijk tijdschrift met peer review, dat niet inbegrepen is in A1 461
- A4: Artikel in een tijdschrift niet inbegrepen in A1, A2 of A3 410
- A3: Artikel in een nationaal tijdschrift met peer review, dat niet inbegrepen is in A1 of A2 404
- C3: Congres - Meeting abstract 392
- Bijdrage aan een boek/anthologie 310
- Boek 245
- Meer...
- + Nieuw Importeren

Prijzen 53

- Ononderscheiden 40
- Prijzen, studiebeurzen en onderscheidingen 13
- + Nieuw

Aanvragen 192

- !!Proposal 148
- Voorstel (FWO) 10
- Voorstel (EU) 8
- Voorstel (!National Government) 6
- Voorstel (Andere) 5
- Bijkomende financiering (FWO) 2
- Schets (EU) 2
- Voorstel (!Foreign Government) 2
- Bijkomende financiering (Andere) 2
- Schets (FWO) 1
- Meer...
- + Nieuw

Projecten 215

- Onderzoek 171
- PhD 23
- Andere 10

Activiteiten 2444

- Organisatie en deelname aan een congres 720
- Lezing en mondelinge bijdrage 697
- Organisatie en deelname aan een workshop, opleiding, seminarie 306
- Andere soorten (prijzen, externe en andere activiteiten) - Toezicht en co-examinator 141
- Andere soorten (prijzen, externe en andere activiteiten) - Studieverblijf 109
- Lidmaatschap in commissie, raad, bestuur 92
- !!Visiting an external academic institution 59
- !!Hosting an academic visitor 52
- Deelname aan academische raden en commissies 45
- Editor van onderzoekstijdschrift 44
- Meer...
- + Nieuw

Pers / media 250

- !!Press / Media 250
- + Nieuw

Toelagen 1

- Bijkomende financiering 1
- + Nieuw

Datasets 20

- Dataset 20
- + Nieuw

Uitrusting/faciliteiten 2

- !!Equipment 2
- + Nieuw

Dienstverlening 53

- Vorming op maat 38
- Niet-getarifeerde dienstverlening 10
- Getarifeerde dienstverlening 5
- + Nieuw

Nieuwe toevoegen

Taken

- [1480 Output](#) zijn niet met FRIS gesynchroniseerd
- [48 Projecten](#) zijn niet met FRIS gesynchroniseerd

Help en ondersteuning

ADDING INFORMATION

Pure 4.33.3 - Voeg nieuw item toe - Microsoft Edge

https://www.friscris.be/admin/submission.xhtml

Voeg nieuw item toe

Submission guide

Onderzoeksoutput

Maak aan op basis van een sjabloon

Importeer via een online bron

Importeer via een bestand

Activiteit

Prijs

Pers / media

Aanvraag

Toelage

Project

Dataset

Scriptie/masterproef

Uitrusting/faciliteit

Curriculum Vitae

Bijdrage aan tijdschrift

Hoofdstuk in Boek/Rapport/Congresprocedure

Boek/rapport

Bijdrage aan congres

Niet-tekstuele vorm

Scriptie

Octrooi

Andere bijdrage

Een afgewerkt 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 specifiek wetenschappelijk publiek of geschreven zijn voor een breder publiek.

Boek

Anthologie

Rapport


P1: Proceedings in ISI

Opgedragen rapport

ADDING INFORMATION

https://www.friscris.be/admin/editor/dk/atira/pure/api/shared/model/researchoutput/editor/bookanthologyeditor.xhtml?scheme=/dk/atira/pure/researchoutput/researchoutputputtypes&type=/dk/atira/pure/researchoutput/researchc

Onderzoeksoutput: Boek/rapport > Boek > Onderzoek Verander van sjabloon

BEWERKEN 

Metadata

Metrics
FRIS
Vertaling

OVERZICHT

Relaties
Toon samenvatting

GESCHIEDENIS EN OPMERKINGEN

Geschiedenis en opmerkingen


MEDEDELINGEN

Editors verantwoordelijk om deze inhoud te verwerken: Geen

Opmerking over workflowstapwijziging:


Type

Peer review *
☐ Peer review ☐ Geen peer review

Publicatiestatus 

Publicatiestatusen en -data *


Gepubliceerd

Publicatie-informatie 

Originele taal-2 *

Titel van de bijdrage in de oorspronkelijke taal *

Subtitel van de bijdrage in de oorspronkelijke taal

 Uittreksel

Aantal pagina's

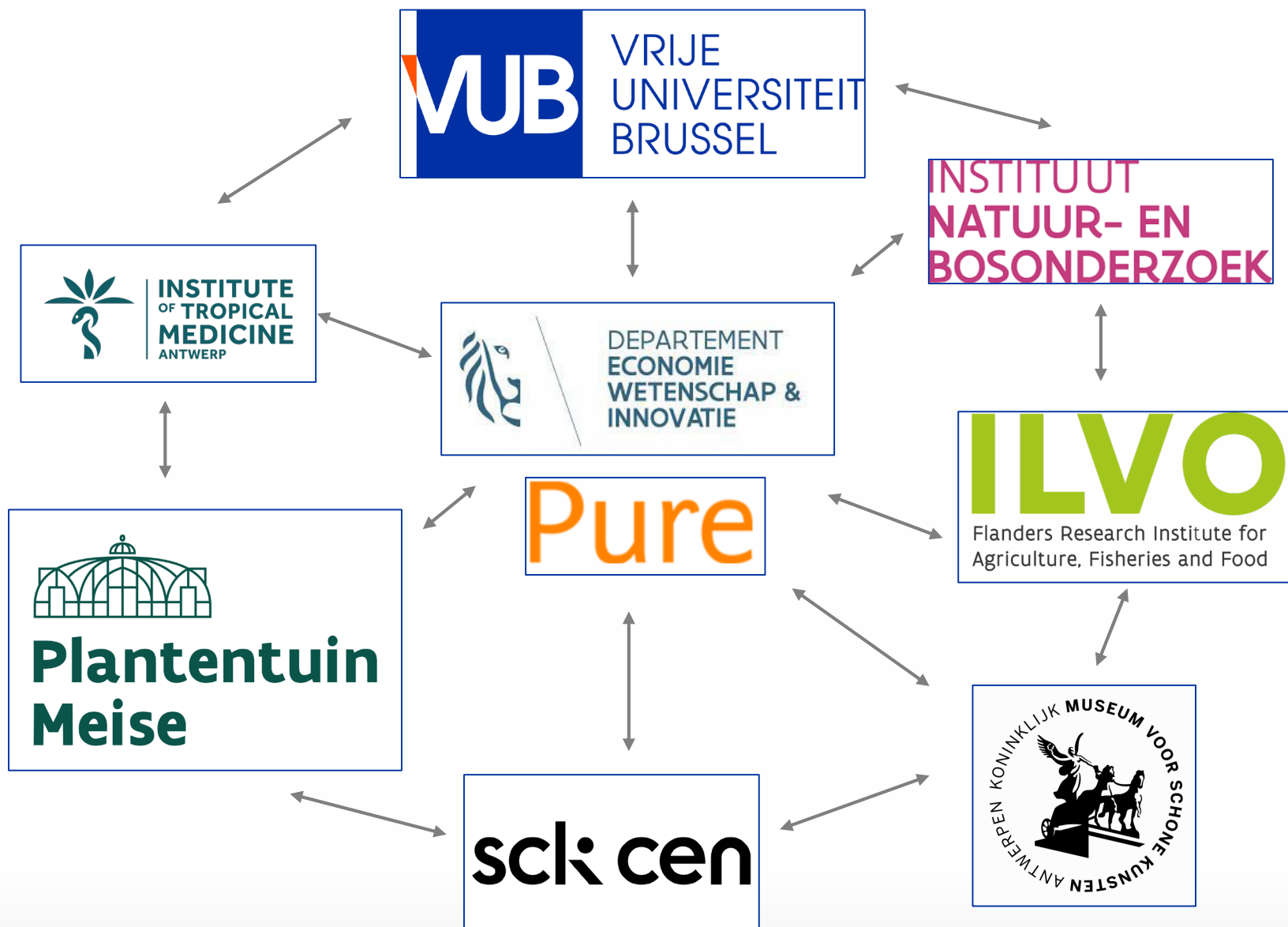
Validatiestatus:

PUC-BE

Chair: VUB

2x per year meeting

Confluence



MANUALS

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

VUB	ITG	INBO	ILVO	Unamur	SCKCEN	Plantentuin
5.19.4-1	5.19.4-1	5.19.4-1	5.22.4-1	5.24.1-2	5.23	5.19

- 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
- ...

CASE EXAMPLE: DMP (I)

OPEN SCIENCE MEASUREMENT – KPI DMP

Open Science KPI's:

- KPI ORCID
- KPI DMP
- KPI Open Access
- KPI Open Data

HOW TO

- ## HOW TO

HOW TO

CASE EXAMPLE: MAPPINGS





PATENTS & INFRASTRUCTURE

- 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

1	Subthema	PURE TERM	FRIS TERM
50	Contacts Participants	/dk/atira/pure/equipment/roles/equipment/manager	
51	Contacts Participants	/dk/atira/pure/equipment/roles/equipment/scientificcoordinator	Scientific coordinator
52	Contacts Participants	/dk/atira/pure/equipment/roles/equipment/operator	Operational responsible
53	Infrastructure Entity	/dk/atira/pure/equipment/equipmenttypes/equipment/facility	Facility
54	Infrastructure Entity	/dk/atira/pure/equipment/equipmenttypes/equipment/facility/e_resource_single_sited	Facility
55	Infrastructure Entity	/dk/atira/pure/equipment/equipmenttypes/equipment/facility/no_e_resource_single_sited	Facility
56	Infrastructure Entity	/dk/atira/pure/equipment/equipmenttypes/equipment/equipment	Equipment
57	Infrastructure Entity	/dk/atira/pure/equipment/equipmenttypes/equipment/equipment/no_e_resource_distributed	Equipment
58	Infrastructure Entity	/dk/atira/pure/equipment/equipmenttypes/equipment	Equipment
59	Infrastructure Entity	/dk/atira/pure/equipment/equipmenttypes/equipment/equipment/e_resource_single_sited	Equipment
60	Infrastructure Entity	/dk/atira/pure/equipment/equipmenttypes/equipment/facility/no_e_resource_distributed	Facility
61	Infrastructure Entity	/dk/atira/pure/equipment/equipmenttypes/equipment/equipment/e_resource_distributed	Equipment
62	Infrastructure Entity	/dk/atira/pure/equipment/equipmenttypes/equipment/equipment/no_e_resource_single_sited	Equipment
63	Infrastructure Entity	/dk/atira/pure/equipment/equipmenttypes/equipment/facility/e_resource_distributed	Facility
64	Consortium participants	/dk/atira/pure/equipment/roles/equipment/consortiumcoordinator	Consortium coordinator
65	Consortium participants	/dk/atira/pure/equipment/roles/equipment/consortiumpartner	Consortium partner
66	Consortium participants	/dk/atira/pure/equipment/roles/equipment/other	Consortium partner
67	Consortium participants	/dk/atira/pure/equipment/roles/equipment/infrastructurecoordinator	

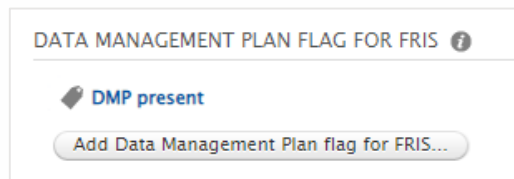
TIPS

FRIS logs of incremental delivery are a huge help!

WEBSERVICE OPERATIE	LEVERANCIER	GESTART	VOLTOOID	OBJECTEN	FOUTEN	WAARSCHUWINGEN	
Incrementeel (pure-integration)	VU Brussel	19/05/2023 16:09	19/05/2023 16:10	17	1	50	 
Incrementeel (pure-integration)	VU Brussel	19/05/2023 15:59	19/05/2023 16:00	11	0	32	 

Incremental not checked:

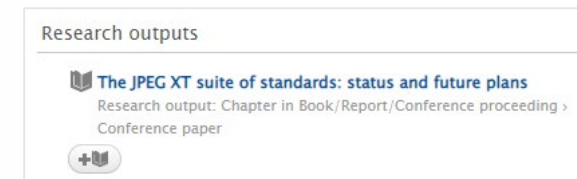
➤ Projects DMP-label



- 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)

LESSONS LEARNED

DIFFERENCIATION

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?

Contact Robby Pauwels

robby.pauwels@vub.be

Teamleader CRIS PURE-team

Research Information & Data Management

Pleinlaan 2, 1050 Brussels

Vrije Universiteit Brussels

HET
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ZICH
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