



**GHENT
UNIVERSITY**

GHENT UNIVERSITY LIBRARY

OPEN SCIENCE & RDM @ GHENT UNIVERSITY

Inge Van Nieuwerburgh, OpenAIRE workshop Prague, April 26th 2018

“FACILITATING OPEN KNOWLEDGE CREATION”

FOCUS ON OPEN ACCESS SINCE EARLY 2000

- Herbert Vandesompeel @Ghent up to 1999
- Open access conference 2002
- Repository since 2003
- Driver 2006
- OpenAIRE 2009
- Open access policy 2010
- RDM policy 2016
- Several open science groups: EUA, CESAER, VLIR, ...

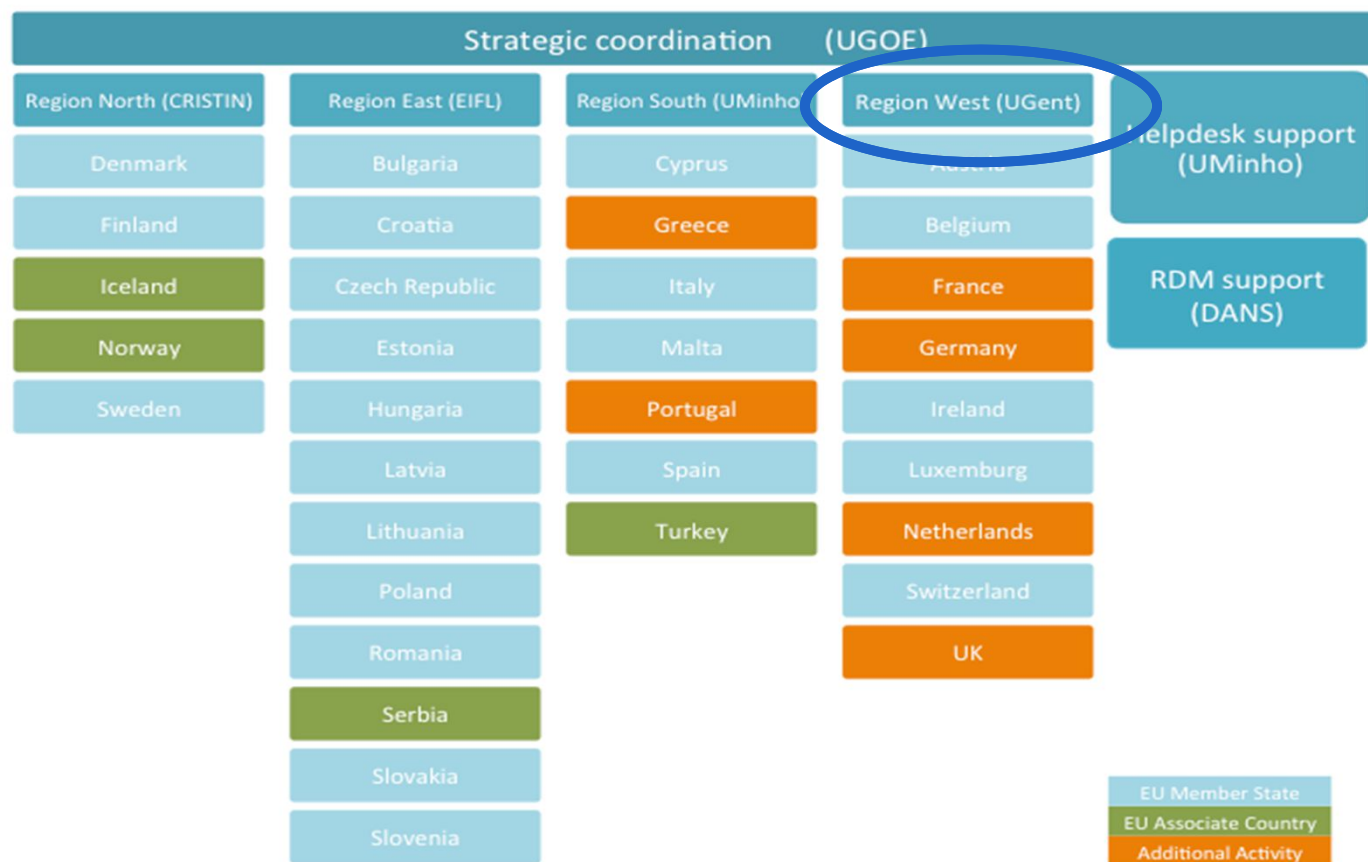
OpenAIRE implements the EC

OPEN SCIENCE

requirements

People support network

- ✓ Europe's diverse landscape requires local support
- ✓ Different practices, different mentalities
- ✓ 33 expert Open Access Desks all over Europe (NOAD)
 - (OA) Policy aligning (pasteur4OA taks)
 - Technical assistance
 - OS Training and support



BELGIUM OA STATISTICS (UPDATED WEEKLY)

[OA numbers](#)[Timeline](#)[Graph](#)[Repositories](#)[Document Types](#)[FP7](#)

229681 OA publications in 12 repositories

Open Access

BACKGROUND

[Overview](#)[Policies and Mandates](#)[Open Access in FP7](#)[Open Access in H2020](#)

IN PRACTICE

[EU Member States](#)[Austria](#)[Belgium](#)[Bulgaria](#)[Croatia](#)[Cyprus](#)[Czech Republic](#)[Denmark](#)[Estonia](#)[Finland](#)[France](#)[Germany](#)[Greece](#)[Hungary](#)[Iceland](#)[Ireland](#)[Italy](#)[Latvia](#)

OA in Belgium

Updated on 09 January 2017



THE NATIONAL RESEARCH ENVIRONMENT

Within the EU, Belgium has a strong reputation for R&D and innovation, primarily due to the high quality of its education and research facilities. There are two separate university systems in Belgium, six French-speaking universities (including two in Brussels) and 21 university colleges ('hautes écoles'), and six universities and 22 university colleges ("hogescholen") in Flanders ([see full list of universities](#)). Additionally there are several subject-based research institutions. The larger strategic research centres in Flanders are often participating in EU and other international projects and are significant actors in the ERA (e.g. IMEC, VITO, VIB), as is the Walloon Space research pole (Liège) or the bio-medical pole (Brussels-Charleroi).

Example Belgium

Open Science WG BE

Government, experts

Personal contact

Exchange views on policy briefs,
exchange information

Align open science information

OpenAIRE website,
Openaccess.be, Unesco, EC
survey OA, ...

Align with EC-related groups

ERAC open science WG, NPR, ERA
roadmap, ...



CAN I ATTEND
THIS SEMINAR?

SORRY, WE HAVE A
NEW POLICY

- YOU FIRST
NEED TO
DONATE SOME
OPEN DATA

OPEN DATA



CONTEXT

FLEMISH SCIENTIFIC FUND FWO

Art. 2, § 2 Following the Berlin Declaration of 2003 for the promotion of free access to scientific knowledge and cultural heritage, beneficiaries of FWO mandates, credits and projects **must deposit** the publications that result from the FWO subsidies in a **public “Open Access” database, within one year** from the date of publication, in order to effect greater impact and valorisation of their work. Researchers are also advised to publish their other publications in such an "Open Access" database, the so-called "Open Archives", together with the research data that resulted in these publications.

Mandated:

Open repository
Embargo permitted: one year
after publication

Advised:

other publications
Related research data

<http://www.fwo.be/en/general-regulations/>

DMP

“For the FWO, the emphasis is on long-term data preservation and management. The data are targeted to be preserved for a period of at least five years from the end of the research. The DMP related questions in the application form are related to this central aspect.”

⇒ Answer 5 questions in application

⇒ Full DMP six months into project

⇒ evaluation: updates DMP

FLEMISH GOVERNMENT: RESEARCH

- Declaration on open access in 2007
- Several policy workshops
- Start working group open science & innovation in 2017

- Representation at European level: support open science

- Report advisory group VRWI “open science for better science with bigger impact 2016
- Report autumn 2017 VLIR Open Science group: call for infrastructure, incentives, skills training and legal framework

COPYRIGHT

- Initiative Belgian CR law: open access provision in contract law: in process
- EU CR law: long process changes in CR law: would include TDM exception

UGENT OPEN ACCESS POLICY

ID/OA MANDATE UGENT SINCE 2010

- Mandate immediate deposit of full text
- Optional open access (if allowed)
- Final peer reviewed manuscript
- Upon publication
- Access to all publications in the UGent network, some open access
 - Copyright exception for use in research & education context

The screenshot shows the Ghent University Academic Bibliography website. At the top, there is a navigation bar with the university logo and the text 'Ghent University Academic Bibliography'. Below this, there are links for 'Add publications', 'Statistics', 'Marked list 0', and 'Saved searches 0'. A main navigation menu includes 'Home', 'Publications', 'People', 'Organizations', and 'Projects'. A search bar is present with a 'search' button and an 'Advanced' link. A welcome message states: 'Welcome to the Ghent University Academic Bibliography an overview of scientific publications by UGent researchers.' Below this is a '+ Add your publications' button. A central graphic features the ORCID logo and the text 'ORCID - CLEARLY YOU' with a cartoon illustration of four cats. To the right, a 'Recently added' section lists three publications with their titles, authors, and years. At the bottom left, a bar chart shows 'Publications added every year' from 2009 to 2016. To the right of the chart are three statistics: '234,961 publications with fulltext', '104,078 fulltext downloads monthly', and '36,569 with Open Access fulltext', '74,000 available in Google Scholar', and '90,313 available in Web of Science'.

REPOSITORY

Access Level

- Open Access (File is freely available, effective immediately)**
- Local Access (UGent only)**
- Closed Access (Author/Reviewer only)**

Switch Access Level:

Open Access (File is freely available, effective immediately)	▼
YYYY-MM-DD	

▼ **Copyright and Licenses**

Disclaimer

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More about UGent Open Access policy and activities.

I accept

Questions about policy / license? Contact our support: E-Mail: biblio@UGent.be

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- ▼ **Creative Commons Attribution-ShareAlike 4.0 International Public License (CC BY-SA 4.0)**

Repetitive thinking about the mother during distress moderates the link between children's attentional breadth around the mother and depressive symptoms in middle childhood

[download full text](#)

 [Open Access](#) | [PDF](#) | 509.28 KB

Magali Van de Walle, Patricia Bijttebier, Rudi De Raedt UGent and Guy Bosmans
(2017) *BEHAVIOUR RESEARCH AND THERAPY*. 90. p.137-146

[Mark](#)

Links

[follow DOI](#) 
[View record in WoS](#) 
[Impact Factor Trend Graph](#) 
[Google Scholar find title](#) 
[SFX find at UGent](#)

abstract

It has been suggested that an increased attentional focus on the mother should be maladaptive in middle childhood. However, the effect of a more narrow attentional field around the mother may depend on the mother-child relationship. The current study tested whether a more narrow attentional field around the mother is mainly maladaptive for children who tend to think repetitively about their mother (RTm) during distress. More specifically, it investigates whether RTm during distress provides the context in which an increased attentional focus on the mother is linked to depressive symptoms in middle childhood. RTm was measured using a self-report questionnaire. The breadth of children's attentional field around the mother was measured with the Attentional Breadth Task. This computer task assesses the extent to which children have a more narrow attentional field around the mother compared to unfamiliar women.. Results of the current study (N = 157) support the hypothesis that 9-12 year old children who have a more narrow attentional field around the mother and who at the same time report more RTm during distress, have more depressive symptoms. (C) 2016 Elsevier Ltd. All rights reserved.

Please use this url to cite or link to this publication: <http://hdl.handle.net/1854/LU-8518545>

[Details](#) | [BibTeX](#) | [Cite this](#)

author Magali Van de Walle, Patricia Bijttebier, Rudi De Raedt UGent and Guy Bosmans
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year 2017
type journalArticle (original)
publication status published
keyword EXTERNALIZING BEHAVIOR PROBLEMS, RANDOMIZED CONTROLLED-TRIAL, ATTACHMENT, THERAPY, METAANALYSIS, INVENTORY, ADOLESCENCE, INFORMATION, MORTALITY, SECURITY, Repetitive thinking about the mother, Attentional breadth, Increased, focus on the mother, Depressive symptoms, Middle childhood
journal title BEHAVIOUR RESEARCH AND THERAPY
Behav. Res. Ther.

OpenAIRE workshop Prague, 25 April 2018

UGENT OPEN ACCESS JOURNALS: OJS

The screenshot shows the website for Ugent Open Access Journals (OJS). The browser address bar displays 'ojs.ugent.be'. The website header includes the University of Ghent logo and navigation links for Home, Contact, Register, and Login. A search bar is also present. The main content area features a grid of journal covers:

- Afrika Focus**: A red cover with the title 'AFRIKA FOCUS' and a small map of Africa.
- AGORA Magazine**: A cover featuring a woman's face and the text 'Stedelijk verzet'.
- Authorship**: A teal cover with the word 'Authorship' in a stylized font.
- Brood & Rozen**: A cover with a cartoon illustration of a woman holding a book titled 'BAAS IN EIGEN BUIK'.
- De Uil van Minerva**: A cover with a bird illustration and the title 'De Uil van Minerva'.
- Documenta : tijdschrift voor theater**: A teal cover with the word 'DOCUMENTA' in large letters.
- GHENDTSCHIE TYDINGHEN**: A cover with the title 'GHENDTSCHIE TYDINGHEN' and 'Tweemaandelijks Tijdschrift van de Heemkundige en Historische Kring Gent v.z.w.'.
- MG OG Handelingen**: A cover with the title 'MG OG Handelingen' and 'der Maatschappij voor Geschiedenis en Oudheidkunde te Gent'.
- genootschap voor geschiedenis handelingen**: A red cover with the title 'genootschap voor geschiedenis handelingen'.
- SCAD**: A cover with the letters 'SCAD' in a stylized font.
- JHES**: A cover with the title 'JHES' and 'JOURNAL FOR THE HISTORY OF ENVIRONMENT AND SOCIETY'.
- ESPRIT**: A cover with the title 'ESPRIT' and a stylized graphic.

UGENT RDM POLICY

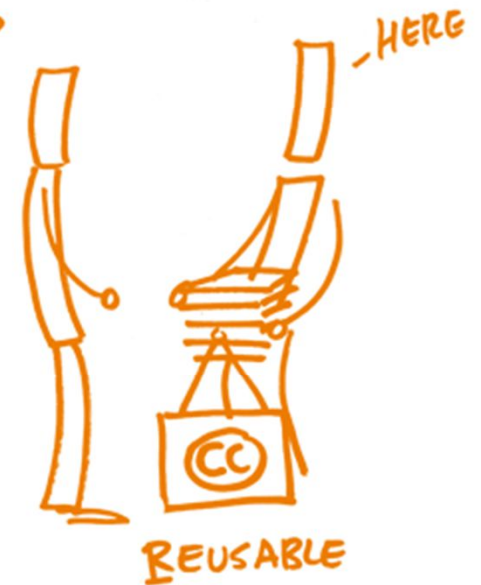
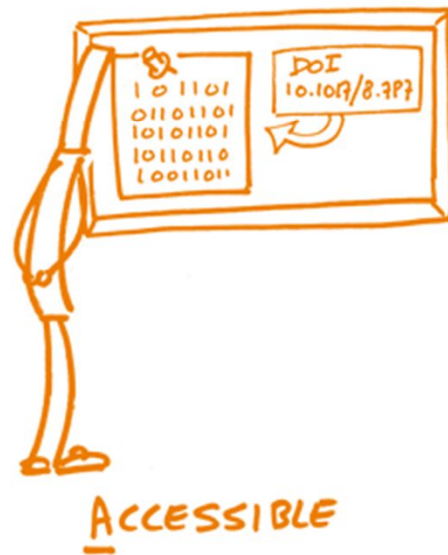
PROCESS

- Start: Faculty Psychology and pedagogical studies
- Small working group 2014, extending
- RDM framework since autumn 2016
- Taskforce 2017 for concrete actions, based on the RISE framework DCC
(<http://www.dcc.ac.uk/resources/how-guides/RISE>)
- Concrete action list 2018

POLICY: WORKING GROUP

- Research director
- Library / ICT / Research admin / information security advisor
- Faculty representation

FAIR DATA PRINCIPLES



POLICY FRAMEWORK 2016

“This policy framework gives an outline of the premises in dealing with research data at Ghent University. It is a general policy which defines **basic principles and responsibilities**. It should enable researchers and students to carefully manage their scientific research data. “

OBJECTIVE

Ghent University aims to expand and optimize its quality assurance of research, and aspires to reach an RDM that meets the highest quality standards within the international research context

BASIC PRINCIPLES

- RDM = integral part of good research practice
- Research data = valuable output to be made available
- But some restrictions can apply

‘as open as possible, as closed as necessary’

SCOPE

- **Research data:** all information collected, created, or obtained from third parties by researchers to be analyzed with the purpose of generating, verifying and validating original scientific claims, irrespective of their form or the method of data collection. They can be raw, processed to a greater or lesser extent, or analyzed, and can adopt a digital or non-digital form.
- The term **Researchers** refers to the staff members, students and persons with a different connection to the University who conduct scientific research at the University
- **Shared responsibility** researchers, faculty & central admin

CENTRAL ADMIN

- Mechanisms & procedures for storage, registration, archiving and access to data
- General data guidelines, training and advice

FACULTY

- Step between central general provisions and research communities
- Discipline specific guidelines, training and advice

RESEARCHER

- Primary responsible for careful management of data they generate & collect – FAIR
- When they leave the university, preserve data and accompanying documentation & make accessible for validation
- Prior written agreements will always have to be made with master students and unpaid and/or voluntary researchers.

EXTERNAL OBLIGATIONS

- Respect relevant legal framework: GDPR, IPR, CR
- If more stringent regulations are imposed, e.g. by funders, comply

TOPICS

- IPR
- Personal data (eg ALLEA code of conduct approved by board)
- DMP: adequate documentation
- Storage
- Retention & destruction of data
- Access to research data “as open as possible, as closed as necessary”

STAFF

- 1 FTE central level (research data manager) since May 2015
- May 2018: +1 FTE: RDM ambassador
- xx% FTE in some faculties

COMMUNICATION

Portal

<https://www.ugent.be/en/research/research-staff/organisation/datamanagement>

Internal (re)search tips

<http://onderzoektips.ugent.be>

Faculty pages

SKILLS

- In doctoral schools
- Dedicated RDM workshops for researchers in faculties
- On demand



Image: The Open Science Training Handbook: <https://book.fosteropenscience.eu/> - Creative Commons Public Domain Dedication (CC0 1.0 Universal)

PRACTICAL: DMP

DATA MANAGEMENT PLAN (DMP)



- ✓ document outlining how data will be handled during and after a project
- ✓ increasingly required by research funders/institutions
- ✓ good practice even if not required, because...

COMMON DMP THEMES

*“[...] plans typically state **what data will be created and how, and outline the plans for sharing and preservation, noting what is appropriate given the nature of the data and any restrictions that may need to be applied.**” ([DCC website](#))*

1. **description of data to be collected/created** (e.g. content, type, format, volume...)
2. **methodologies, standards for collecting/creating data & data documentation**
3. **ethics & intellectual property issues** (e.g. informed consent, anonymisation, any restrictions on sharing – e.g. confidentiality, copyright, embargoes – , usage licenses...)
4. **plans for data sharing & access** (e.g. how, when, with whom...)
5. **strategy for long-term preservation** (e.g. what to keep, for how long, where...)



DMPonline.be


A web-based planning tool

- supports researchers to draft a data management plan (DMP)
- includes DMP templates (e.g. Horizon 2020) and guidance

The screenshot shows a web-based planning tool interface for a Horizon 2020 DMP. The title is "My plan (Horizon 2020 DMP)". In the top right corner, it indicates "0/31 questions answered" and "approx. 25% of available space used". The interface has a navigation bar with tabs: "Plan details", "Initial DMP", "Detailed DMP" (which is selected), "Final review DMP", "Share", and "Export". Below the navigation bar, there are sections for "1. Data summary (7 questions, 0 answered)", "2.1 Making data findable, including provisions for metadata [FAIR data] (6 questions, 0 answered)", and "2.2 Making data openly accessible [FAIR data] (5 questions, 0 answered)". The "2.2" section is expanded, showing a text area with the instruction: "Specify which data will be made openly available? If some data is kept closed provide rationale for doing so". Below this is a rich text editor with a toolbar containing bold, italic, list, link, and table icons. On the right side, there is a "Guidance" panel with a "Share note" button. The "EC Guidance" section states: "Participating in the ORD Pilot does not necessarily mean opening up all your research data. Rather, the ORD pilot follows the principle 'as open as possible, as closed as necessary' and focuses on encouraging sound data management as an essential part of research best practice."

Based on DMPonline software



- open source software developed by DCC (<https://dmponline.dcc.ac.uk/>)
- local instance: <https://dmponline.be> 
 - **2015**: started as a pilot @ Ghent University
 - **2017**: launch of **DMPbelgium consortium** of research institutions, with UGent as project leader
 - develop shared tool
 - hosted on BELNET servers
 - **for 2018**: 6+ new members ready to join



VRIJE
UNIVERSITEIT
BRUSSEL

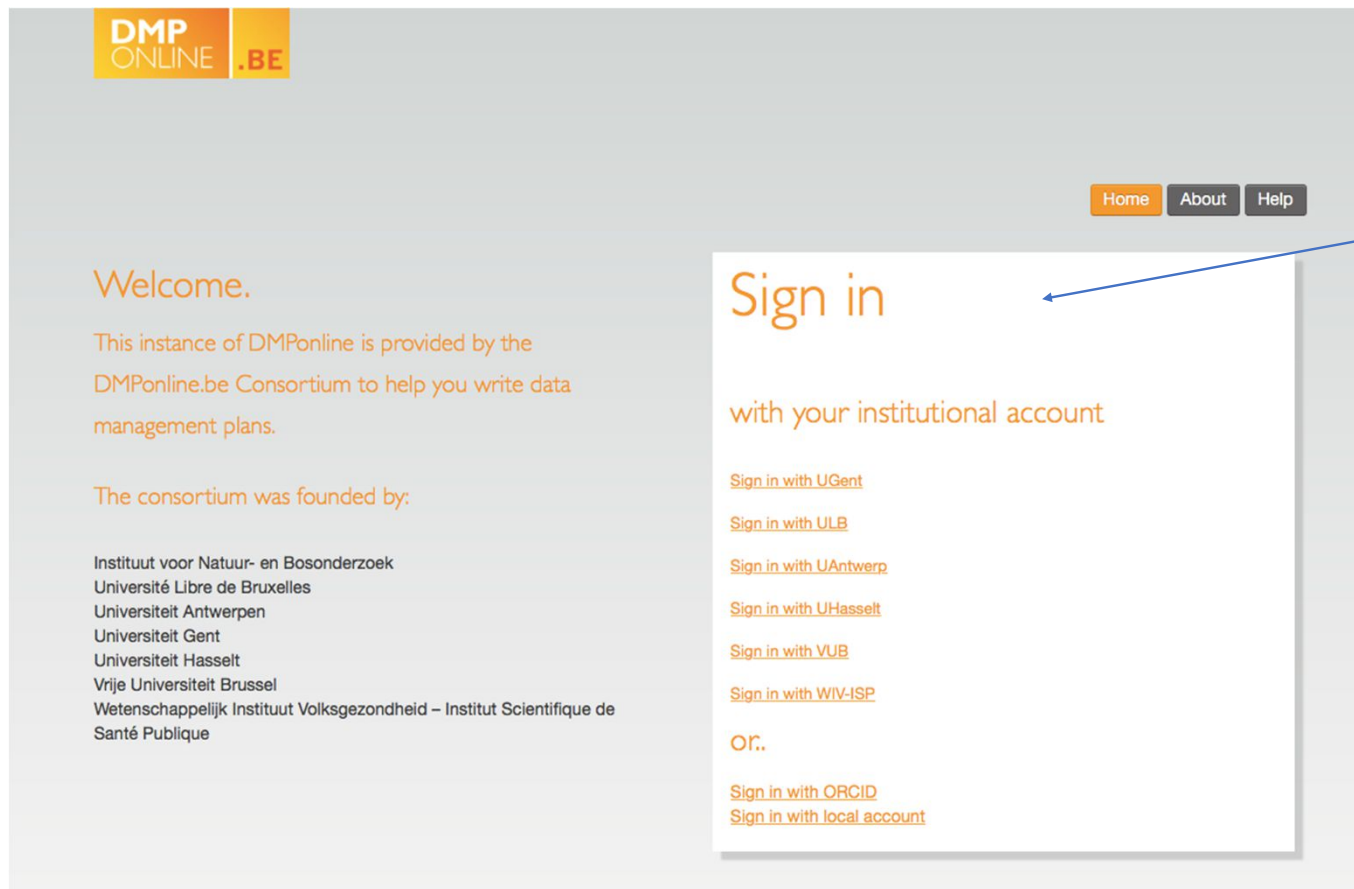


INSTITUUT
NATUUR- EN
BOSONDERZOEK



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How the tool works



- Log in with:
- institutional credentials (BELNET Federation)
 - local account
 - ORCID (if profile linked to ORCID)

Creating a new plan

DMP ONLINE .BE Signed in as Myriam Mertens ▾

View plans Create plan About Help

Create a new plan

Please select from the following drop-downs so we can determine what questions and guidance should be displayed in your plan.

If applying for funding, select your research funder. European Commission (Horizon 2020) ▾
Otherwise leave blank. [Not applicable/not listed.](#)

To see institutional questions and/or guidance, select your organisation. Ghent University
You may leave blank or select a different organisation to your own.

Tick to select any other sources of guidance you wish to see.

- DCC
- Faculty of Law & Criminology

Create plan

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Select funder to get its template

Select institution to get local guidance, as well as institutional template(s) - if funder not applicable

Choose additional optional guidance

Writing a plan

Progress indicator

My project (Horizon 2020 FAIR DMP)

1/34 questions answered
approx. 25% of available space used

Plan details Horizon 2020 FAIR DMP Share Export

Version information (4 questions, 0 answered)

1. Data summary (6 questions, 0 answered)

2.1 FAIR data: Making data findable, including provisions for metadata (6 questions, 0 answered)

2.2. FAIR data: Making data openly accessible (5 questions, 1 answered)

Section

Question

Which data produced and/or used in the project will be made openly available as the default? If some data is kept closed provide a rationale for doing so.

B *I* [List icons] [Link icon] [Table icon]

All de-identified data underpinning journal articles will be made openly available, along with the associated documentation files, to enable verification of published claims and data reuse. As stated in the consent forms, the raw data files containing personally identifying information will be stored securely in a trusted data repository and will only be shared via secure access mechanisms with authorized researchers who have agreed to maintain confidentiality.

Save

Write down your answer here

Leave a comment for collaborators

Guidance Add comment

Guidance

Participating in the ORD pilot does not necessarily mean opening up all your research data. Rather, the ORD pilot follows the principle "**as open as possible, as closed as necessary**" and focuses on encouraging sound data management as an essential part of research best practice.

If certain datasets cannot be shared (or need to be shared under restrictions), explain why, clearly separating legal and contractual reasons from voluntary restrictions.

Note that in multi-beneficiary projects it is also possible for specific beneficiaries to keep their data closed if relevant provisions are made in the consortium agreement and are in line with the reasons for *opting out*.

Custom guidance from funder, university, group...

Sharing a plan

My project (Generic DMP)

Plan details | Generic DMP | **Share** | Export

You can give other users access to your plan here. There are three permission levels.
Users with "read only" access can only read the plan.
Editors can contribute to the plan.
Co-owners can also contribute to the plan, but additionally can edit the plan details and control access to the plan.

Add each collaborator in turn by entering their email address below, choosing a permission level and clicking "Add collaborator".
Those you invite will receive an email notification that they have access to this plan. A notification is also issued when a user's permission level is changed.

Collaborators

Email address	Permissions
Myriam Mertens	Owner

Add collaborator

Email

Permissions:

Editors can contribute to plans. Co-owners have additional rights to edit plan details and control access.

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Manage collaborators

Add collaborator by entering email address

Select permission level

Exporting a plan

Select export format

From here you can download your plan in various formats. This may be useful if you need to submit your plan as part of a grant application. Select what format you wish to use and click to 'Export'.

Format

- pdf
- csv
- html
- json
- pdf
- text
- xml
- docx

Export

Save Reset

Included Elements

Section	Sub-item	Checked
Admin details	Project Name	<input checked="" type="checkbox"/>
	Project Identifier	<input checked="" type="checkbox"/>
	Grant Title	<input checked="" type="checkbox"/>
	Principal Investigator / Researcher	<input checked="" type="checkbox"/>
	Project Data Contact	<input checked="" type="checkbox"/>
	Description	<input checked="" type="checkbox"/>
	Funder	<input checked="" type="checkbox"/>
	Institution	<input checked="" type="checkbox"/>
Sections	Date of last update	<input checked="" type="checkbox"/>
	Version number	<input checked="" type="checkbox"/>
	Description	<input checked="" type="checkbox"/>
	Date of first version	<input checked="" type="checkbox"/>
1. Data summary	To whom might the data be useful ('data utility')?	<input checked="" type="checkbox"/>
	What is the expected size of the data (if known)?	<input checked="" type="checkbox"/>
	What is the origin of the data?	<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>

2.2. FAIR data: Making data openly accessible

Which data produced and/or used in the project will be made openly available as the default? If some data is kept closed provide a rationale for doing so.

All de-identified data underpinning journal articles will be made openly available, along with the associated documentation files, to enable verification of published claims and data reuse. As stated in the consent forms, the raw data files containing personally identifying information will be stored securely in a trusted data repository and will only be shared via secure access mechanisms with authorized researchers who have agreed to maintain confidentiality.

Adjust export settings as needed

Institutional customization

The screenshot shows the DMP ONLINE .BE interface. At the top right, it says 'Signed in as Dries Moreels'. Below this is a navigation bar with buttons for 'Templates', 'Guidance', 'Organisation details', and 'Users'. The 'Users' button is highlighted with a blue box and an arrow pointing to it from the text 'User management'. Below the navigation bar, the 'Templates' section is active, showing 'Own templates'. There is a 'Create a template' button. Below this is a table of templates with columns: Title, Description, Published, Last updated, and Actions. The table contains four rows of templates. Below the table, there is a 'Funders templates' section. At the bottom right, it says 'OpenAIRE workshop Prague, 25 April 2018'. There are also blue boxes with arrows pointing to the 'Edit' links in the table and the 'Funders templates' section, with text: 'Custom templates and guidance for your institution...' and 'Customize funder templates'.

Signed in as Dries Moreels ▾

Templates Guidance Organisation details Users

Templates

Own templates

If you wish to add an institutional template for a Data Management Plan, use the 'create template' button. You can create more than one template if desired e.g. one for researchers and one for PhD students.

Your template will be presented to users within your institution when no funder templates apply. If you want to add questions to funder templates use the 'customise template' options below.

Create a template

Title	Description	Published	Last updated	Actions
Faculty of Law & Criminology DMP	DMP template version 1 (2017-07-03) of the Faculty of Law & Criminology.	true	07-07-2017	Edit
PPW DMP	DMP template version 1.0 (2015-02-19) of the Faculty of Psychology ... (continued)	false	07-11-2016	Edit
Faculty of Psychology & Educational Sciences DMP	DMP template version 2 (2016-10-26) of the Faculty of Psychology & E... (continued)	true	07-11-2016	Edit
Generic DMP	Generic DMP template (based on DMPonline_TemplateUGent_GenericDMP_v3.1) ... (continued)	true	22-10-2015	Edit

Funders templates

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User management

Custom templates and guidance for your institution...

Customize funder templates

Inge Van Nieuwerburgh

co-ordinator scholarly communication

Myriam Mertens

Research Data Manager

Emilie Hermans

OpenAIRE

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