# Customising DMPonline.be for your institution

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This guide explains how organisation admins can use the admininterface of <i>DMPonline.be</i> to customise the tool for their
institutions.

### Credits

- ➤ S. Jones (2014), Customising DMPonline. DCC curation webinar, 10th April 2014. Available at https://www.slideshare.net/sjDCC/custominsing-dmponline-webinar. Licensed under CC-BY 4.0
- S. Jones (2014), Using the DMPonline admin interface: a guide to customising the tool. Version 1, Digital Curation Centre. Available at http://www.dcc.ac.uk/sites/default/files/documents/tools/dmpOnline/DMPonline-admin-interface-guide.pdf. Licensed under CC-BY 4.0
- ▶ Digital Curation Centre, Customising DMPonline for your institution: five steps to follow. Available at http://www. dcc.ac.uk/sites/default/files/documents/tools/ dmpOnline/DMPonline-customisation-guidelines.pdf. Licensed under CC-BY 4.0

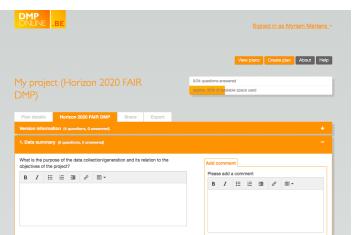
# Covered in this guide

- 1. Introduction: options for institutional customisation
- 2. How to customise? Think about content first!
- 3. Add customisations via the admin area

Prelude

### DMPonline.be has 3 'areas'

- ▶ a user interface ('orange') to view and create DMPs
- an admin area ('blue') to customise DMPonline.be for your institution
- ▶ a super admin area ('black'), where e.g. shared (funder) templates are added

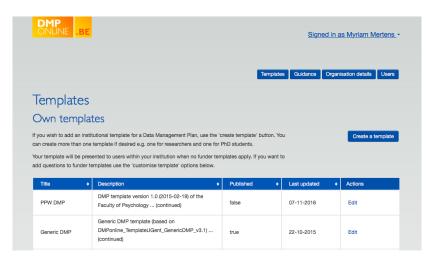


# 1. Introduction: options for institutional

customisation

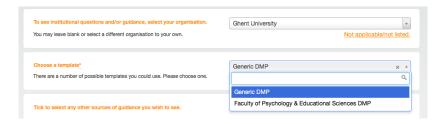
# Using the admin area, organisation admins can:

- add institutional DMP templates
- add institutional guidance
- adapt shared templates (e.g. from funders)



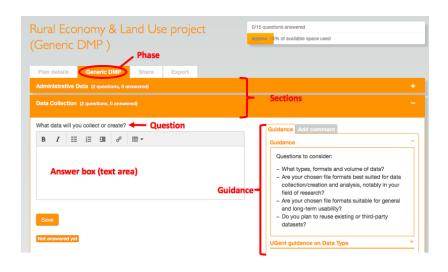
# Institutions can have their own DMP template(s)

- e.g. for researchers not required to write a DMP for a funder
- multiple templates per institution possible
  - e.g. different templates for different groups (faculties, research groups, PhD students...)



# Main components of an institutional template

- RDM questions, grouped in sections
- guidance text to help users answer questions
  - good way to provide recommendations, links to institutional online resources, support services, contact details for staff or helpdesks etc.
- answer box, with various formats possible (text field, dropdown, radio buttons,...)
- example/suggested answers can also be provided
  - useful to show the kind of response and/or level of detail required
- a template can have multiple phases
  - e.g. initial DMP created in early stage, full DMP written later on in project...
  - reflects the idea of a DMP as a 'living' document



# Types of guidance

question- specific guidance	themed guidance from organisation	themed guidance from other sources
pertains to specific question in specific template	applies accross templates	applies accross templates (but can be made optional)
automatically opened next to question	open by clicking '+' sign	open by clicking '+' sign
usually pertains to same entity as template	pertains to institution as a whole	pertains to subset within institution
appears as "Guidance"	e.g. "UGent guidance on Storage and Backup"	e.g. "Humanities Faculty guidance on Storage and Backup"

# Question-specific vs. themed guidance

### Question-specific guidance

#### Guidance

#### Questions to consider:

- Where will you store the data during research?
- Do you have sufficient storage, or will you have to take additional measures?
- What is your backup strategy?
- How will the data be recovered after a loss?

Guidance for question 8 in <u>UGent</u> 'Generic DMP' template only

#### Themed guidance

#### UGent guidance on Storage and Backup

Robust storage and backup procedures are essential to prevent data loss. Consider what locations, storage media, number of copies, frequency, verification procedures, manual or automatio systems, integrity checks etc. your storage and backup strategy will involve. Keep in mind that it is risky to only store active data on a computer hard drive or external storage device.

Ghent University offers its staff personal and shared storage on a central storage infrastructure, which ensures secure storage and regular backups of files. More info on the UGent central

disk space.

Guidance is shown whenever <u>UGent</u> researchers are asked about storage & backup

# Fixed list of guidance themes in *DMPonline.be*

```
Confidentiality | Data Capture Methods | Data Description |
Data Format | Data Quality | Data Repository | Data Security |
Data Selection | Data Type | Data Volumes | Discovery by Users
| Documentation | Ethical Issues | Ethics and Confidentiality |
Existing Data | Expected Reuse | ID | IPR Ownership and
Licencing | Managed Access Procedures | Metadata | Method
for Data Sharing | Period of Preservation | PI/Researcher |
Preservation Plan | Project Description | Project Name | Related
Policies | Relationship to Existing Data | Resourcing |
Responsibilities | Restrictions on Sharing | Storage and Backup |
Timeframe for Data Sharing
```

▶ More info: S. Jones (2014), Using the DMPonline admin interface: a guide to customising the tool. Appendix 1

# Adapting funder templates

- add questions
  - your institution may want extra information that funders don't ask for
  - researchers will probably not want to write a DMP for their funder AND their institution
- add suggested/example answers
  - ▶ to help researchers answer funder questions

2. How to customise? Think about content first!

# Steps to follow

- 1. What are your institution's RDM requirements? Do you have an RDM policy?
- 2. If you require DMPs:
  - draft institutional template
  - review existing funder templates
- 3. Draft your guidance & example/suggested answers
- ► More info: DCC, Customising DMPonline for your institution: five steps to follow

# Typical topics covered in a DMP template

- 1. data collection
- 2. data documentation & metadata
- 3. ethical & legal issues
- 4. data storage & backup during research
- 5. data preservation after research
- 6. data sharing
- 7. responsibilities & resources

# Need inspiration?

Have a look at existing templates, e.g.

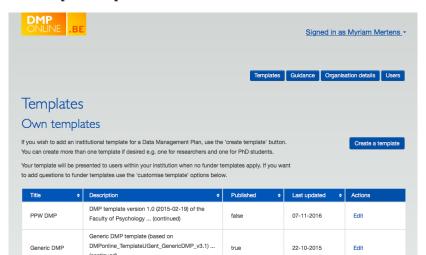
- ▶ DCC's Checklist for a Data Management Plan
- Reseach Data Wiki Datamanagementplannen

NOTE: Science Europe/NWO initiative to develop a **core set of requirements for DMPs**, as part of effort towards international alignment of RDM policies and practices. Based on a comparison of existing templates in Europe and beyond; final version to be expected in Autumn of 2018. More info on the Science Europe RDM Initiative page.

3. Add customisations via the admin area

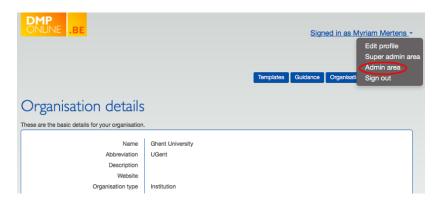
# But always try them out in the preview environment first!

- ▶ in https://preview.dmponline.be you can experiment without bothering end users
- when ready, enter your customisations in the production site https://dmponline.be



# Accessing the admin area

- sign into preview or production site (depending on the situation)
- right-click on "Signed in as [your name]" and select "Admin area" from the menu
  - only users with organisation admin rights can access admin area!



### The admin area has 4 main menu items

### 1. Templates

to create institutional templates or adapt funder templates

### 2. Guidance

to add themed guidance for (a subset within) your institution

### 3. Organisation details

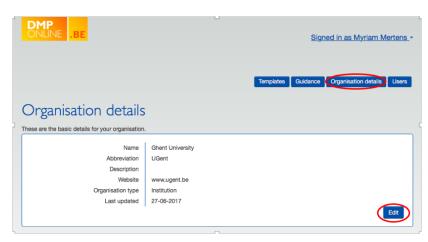
to edit basic info about your institution

#### 4. Users

- ▶ to see who is using *DMPonline.be* in your institution
- to see how many DMPs they have created

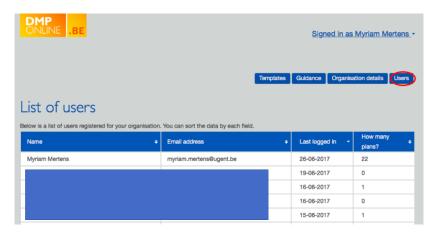
# Editing organisation details

- select the "Organisation details" menu
- click "Edit" to start adding/modifying information for your institution



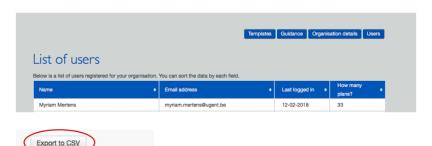
# Viewing users

select "Users" to view DMPonline.be users in your institution



# Exporting user list

click "Eport to CSV" below the list of users to export it in .csv format



# Creating themed guidance

- best done before adding institutional templates
- guidance can then be drawn into your templates as you select associated themes
- steps to follow:
  - 1. create a guidance group (to tell end users where the guidance comes from)
  - 2. add your guidance texts

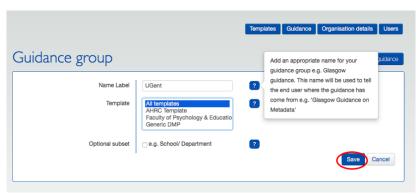
# Creating themed guidance - create a guidance group (1)

- group can be your institution as a whole, or a subset within it
- ▶ go to the "Guidance" menu
- under "Guidance group list", click "Add guidance group"



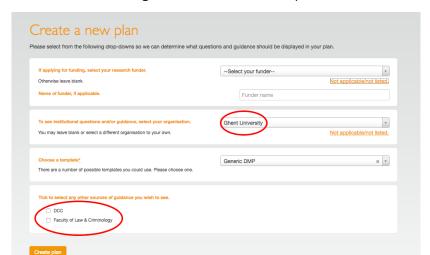
# Creating themed guidance - create a guidance group (2)

- add a name for your guidance group (will be visible to end users)
- select which templates you want the guidance to display on (usually "all")
- if guidance is only meant for a subset of users, check the "optional subset" box (end users can opt in to view this guidance via the "create plan" wizard)



# How end users select guidance to display

- institution-wide guidance: presented to end users when they select institution in the "create plan" wizard
- optional guidance: presented when end users select it from "other source of guidance" in the "create plan" wizard



# Creating themed guidance - add guidance texts (1)

- scroll down to "Guidance list" in the "Guidance" menu
- click "Add guidance"

### Guidance list

You can write pieces of guidance to be displayed by theme (e.g. generic guidance on storage and backup that should present across the board) or you can write guidance for specific questions. Writing generic guidance by theme saves you time and effort as your advice will be automatically displayed across all templates rather than having to write guidance to accompany each.

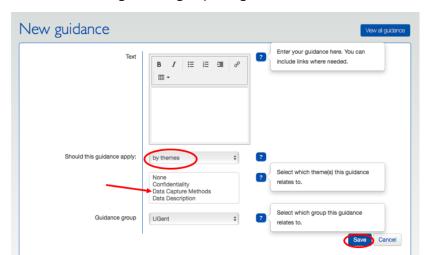


You will usually want your guidance to display on all templates, however there may be cases where you only want it to show for specific funders e.g. if you have specific instructions for applicants to BBSRC for example. This can be set too if needed.

Choosing non-proprietary or open/standard, and lossless file formats helps ensure future accessibility and usability of your digital data.  Data Format  Data Format  Determination about specific formats via CEST (in Dutch, under 'Collecties digitaliseren').	Text +	Theme Label +	Question +	Guidance	Last updated +	Actions
	and lossless file formats helps ensure future accessibility and usability of your digital data.  See ANDS guidance on file formats. More information about specific formats via CEST	Data Format	-	UGent	22-10-2015	Edit

# Creating themed guidance - add guidance texts (2)

- ▶ in "New guidance", enter your guidance text
- choose to have guidance applied "by themes" (default), and select related theme(s)
- select which guidance group the guidance relates to

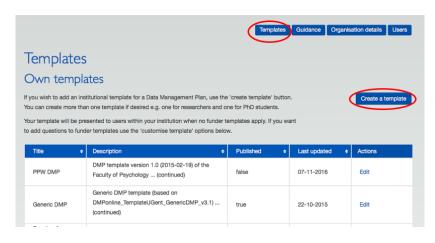


# Adding an institutional template

- institutional templates will be displayed to users in your organisation when no funder template applies
- templates have one or more phases
- templates consist of any number of questions, grouped into sections

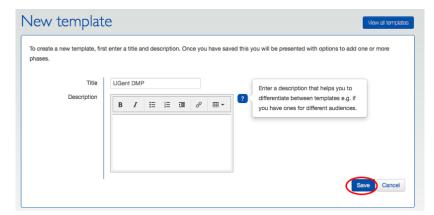
# Adding an institutional template - create template (1)

- ▶ go to the "Templates" menu
- under "Own templates", click "Create a template"



# Adding an institutional template - create template (2)

- ▶ in "New template", enter a template title and description
- template title will be visible to end users (in the "create plan" wizard)
- ▶ add a description for yourself, to distinguish between templates (both title & description will appear in the "Own templates" list in the admin area)



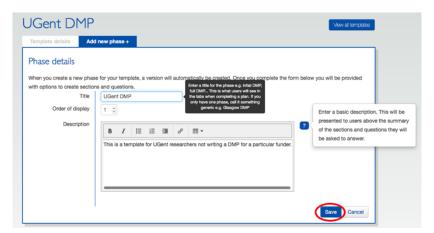
# Adding an institutional template - add new phase (1)

- after creating a new template, click "Edit template details" to change title & description if needed
- click the "Add new phase" tab to get started



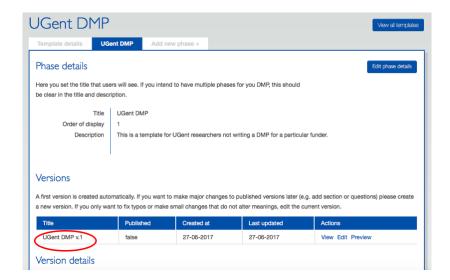
# Adding an institutional template - add new phase (2)

- ▶ in "Phase details", enter a phase title (choose something generic if you only want one phase)
- ▶ if applicable, choose "Order of display" to order multiple phases
- ▶ add a basic phase description
- ▶ the phase title & description will be visible to end users



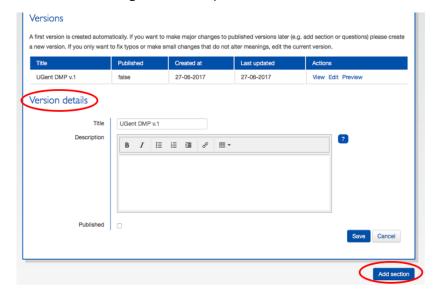
#### Adding an institutional template - create version

when saving the "Phase details", a first version is automatically created



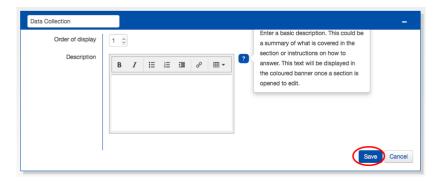
#### Adding an institutional template - add section (1)

- ▶ if needed, edit title and description under "Version details"
- ▶ to start adding sections & questions, click "Add section"



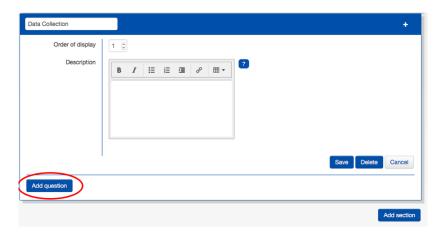
#### Adding an institutional template - add section (2)

- enter a title for your section
- choose "Order of display" to order the different sections
- if desired, add a basic description for the section (visible to end users)



#### Adding an institutional template - add question (1)

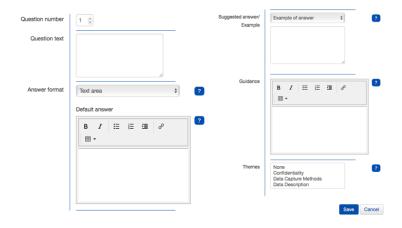
- once you have saved a new section, you can click "Add question"
- you will be then presented with options to add invididual questions



### Adding an institutional template - add question (2)

- to add a question, enter the following:
  - question number (allows you to order questions within a section)
  - text of the question
  - answer format (and any additional info required for the specified format)
  - guidance (question-specific)
  - theme(s) associated with the question (to pull in themed guidance)

# Adding an institutional template - add question (3)



#### Adding an institutional template - add question (4)

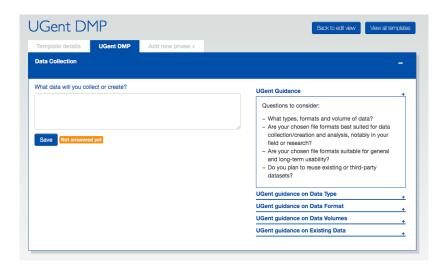
- You have a choice of different answer formats:
  - text area: large text box for paragraphs (default style possible e.g. a table)
  - text field: for a short answer (default style possible)
  - checkboxes: options presented in a list, multiple options can be selected
  - radio buttons: options presented in a list, only one can be selected
  - dropdown: options presented in scrollable menu, only one can be selected
  - multiple select box: options presented in scrollable menu, multiple can be selected using CTRL key

# Adding an institutional template - preview template (1)

- save questions after adding them
- under "Versions", select "Preview" to get a sense of what your template will look like to end users

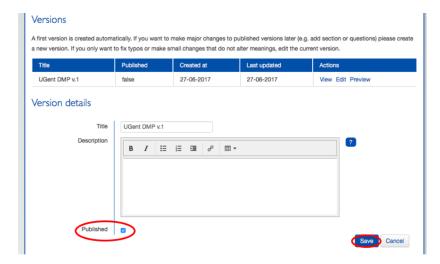
# Versions A first version is created automatically. If you want to make major changes to published versions later (e.g. add section or questions) please create a new version. If you only want to fix typos or make small changes that do not alter meanings, edit the current version. Title Published Created at Last updated Actions UGent DMP v.1 false 27-06-2017 27-06-2017 View Edit Preview

# Adding an institutional template - preview template (2)



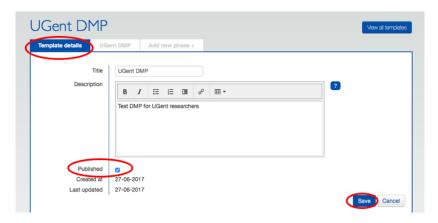
### Adding an institutional template - publish template (1)

- once you are ready to publish your template, first go back to "Version details"
- tick the "Published" box and save



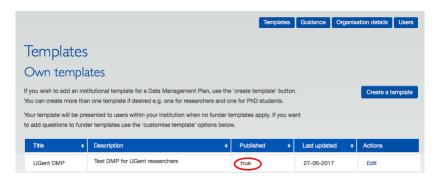
# Adding an institutional template - publish template (2)

- then go back to the "Template details" tab and click "Edit template details"
- tick the "Published" box and save



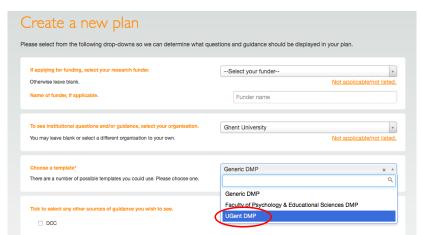
# Adding an institutional template - publish template (3)

your template will now appear as published in the "Own templates" list



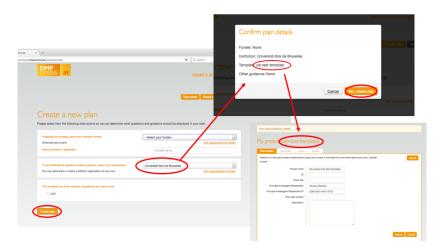
# Adding an institutional template - publish template (4)

- to see what the template looks like for end users, go to user interface and choose "Create plan"
- ▶ in the "create plan" wizard, select your organisation
- the new template now appears in the "Choose a template" menu (if your institution has more than one template)



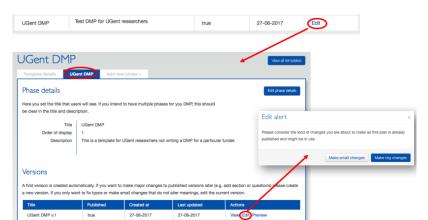
# Adding an institutional template - publish template (5)

if an institution only has one published template, it is automatically selected by the "create plan" wizard when the institution is selected



#### Editing a published template

- go to template's Phase tab in the admin area
- choose to "Edit" the existing version
- when prompted, indicate whether you want to make small or big changes
- big changes (e.g. adding questions) require creating a new version



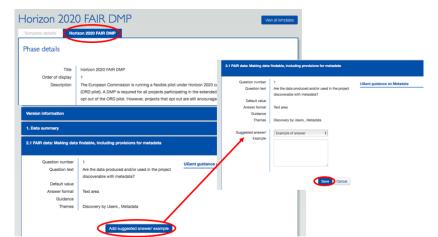
### Customising funder templates

- ▶ go to the "Templates" menu
- under "Funders templates", go to the desired funder template and click "Customise"

Title ¢	Description	Published ¢	Last updated	Actions
AHRC Template	The AHRC template	false	04-08-2015	Edit customisation
Horizon 2020 FAIR DMP	The Horizon 2020 FAIR DMP template, based on the EC's Guidelines on FAI (continued)	true	11-10-2016	Customise
Horizon 2020 DMP	The Horizon 2020 DMP template, based on the EC's Guidelines on Data (continued)	false	11-10-2016	Customise

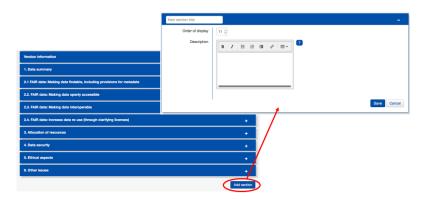
#### Customising funder templates - add answer

- click the Phase tab and scroll down to the Sections
- to add an answer, open up a section and click "Add suggested answer/example"
- select "Example of answer" or "Suggested answer", insert your text and save



#### Customising funder templates - add section

- to add your own section, scroll down and click "Add section" below the existing sections
- to insert new sections and questions, proceed in the same way as when you create an institutional template





#### What to do when you encounter a bug in the software?

- sometimes admins will encounter/become aware of bugs in the software (e.g. because they get an error message)
- how to report such issues, so that they can be solved?
  - preferably not via email!
  - issues can be flagged in the DMPbelgium GitHub repository
  - how? follow the steps outlined in https://github.com/DMPbelgium/Guidance/blob/ master/ReportingIssues.pdf

The end!