FWO DMP Template - Flemish Standard Data Management Plan

Version KU Leuven

Project supervisors (from application round 2018 onwards) and fellows (from application round 2020 onwards) will, upon being awarded their project or fellowship, be invited to develop their answers to the data management related questions into a DMP. The FWO expects a **completed DMP no later than 6 months after the official start date** of the project or fellowship. The DMP should not be submitted to FWO but to the research co-ordination office of the host institute; FWO may request the DMP in a random check.

At the end of the project, the **final version of the DMP** has to be added to the final report of the project; this should be submitted to FWO by the supervisor-spokesperson through FWO's e-portal. This DMP may of course have been updated since its first version. The DMP is an element in the final evaluation of the project by the relevant expert panel. Both the DMP submitted within the first 6 months after the start date and the final DMP may use this template.

The DMP template used by the Research Foundation Flanders (FWO) corresponds with the Flemish Standard Data Management Plan. This Flemish Standard DMP was developed by the Flemish Research Data Network (FRDN) Task Force DMP which comprises representatives of all Flemish funders and research institutions. This is a standardized DMP template based on the previous FWO template that contains the core requirements for data management planning. To increase understanding and facilitate completion of the DMP, a standardized **glossary** of definitions and abbreviations is available via the following link.

1. General Project Information	
Name Grant Holder & ORCID	**Justine Haekens https://orcid.org/0009-0000-9324-6218**
Contributor name(s) (+ ORCID) & roles	**Wouter Devroe – Supervisor**
Project number [1] & title	11PBQ24N – Understanding and Addressing Economic Power in EU Competition Law
Funder(s) GrantID [2]	FWO
Affiliation(s)	X **KU Leuven** ☐ Universiteit Antwerpen ☐ Universiteit Gent ☐ Universiteit Hasselt ☐ Vrije Universiteit Brussel ☐ Other: ROR identifier KU Leuven: 05f950310

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[1] "Project number" refers to the institutional project number. This question is optional. Applicants can only provide one project number.

[2] Funder(s) GrantID refers to the number of the DMP at the funder(s), here one can specify multiple GrantIDs if multiple funding sources were used.

Please provide a short project description	Powerful firms dominate evermore parts of our society. Traditionally, competition law keeps an eye out, but with changing events, competitive issues seem to persist. In my PhD project, I aim to tackle those issues by broadening the perspective on economic power and offering normative suggestions for assessing it.
	I do so by exploring at least four factors that can endow firms with economic power. More specifically, market, labour, innovation and corporate structure-related factors are analysed to find out whether they enable firms to harm free competition. In doing so, I improve the identification of economic power.
	Second, competition law instruments to address economic power are examined. I analyse five instruments to find out whether and how they address the different factors of economic power and the risks associated with them. This allows me to conclude whether certain aspects of economic power remain unchecked, which leaves firms room for anticompetitive behaviour.
	Finally, I recalibrate the assessment of powerful firms. If certain factors of economic power are not yet sufficiently addressed and thus competitive issues persist, I propose an alternative assessment to address those issues.
	This research project provides an overarching view on the factors of power and the ways competition law deals with them. After all, only by addressing all the origins of power, can free competition be truly protected.

2. Research Data Summary

List and describe all datasets or research materials that you plan to generate/collect or reuse during your research project. For each dataset or data type (observational, experimental etc.), provide a short name & description (sufficient for yourself to know what data it is about), indicate whether the data are newly generated/collected or reused, digital or physical, also indicate the type of the data (the kind of content), its technical format (file extension), and an estimate of the upper limit of the volume of the data [3].

				ONLY FOR DIGITAL DATA	*ONLY FOR DIGITAL DATA*	*ONLY FOR DIGITAL DATA*	*ONLY FOR PHYSICAL DATA*
Dataset Name	Description	New or Reused	Digital or Physical	Digital Data Type	Digital Data Format	Digital Data Volume (MB, GB, TB)	Physical Volume
Legislation and case law	Legislation and case law sourced from public as well as commercial databases (access to the latter is provided by KU Leuven's Law Library). Insofar as this data will indeed be saved, rather than just consulted on the web, this will be in .pdf documents. It is expected that between 100 and 1000 documents will be saved this way, which should correspond to a size of max. 1 GB.	☐ Generate new data ☒ Reuse existing data	☒ Digital ☐ Physical	☐ Audiovisual ☐ Images ☐ Sound ☐ Numerical ☒ Textual ☐ Model ☐ Software ☒ Other:	PDF	☒ < 1 GB ☐ < 100 GB ☐ < 1 TB ☐ < 5 TB ☐ > 5 TB ☐ NA	
Legal doctrine	Articles and books (legal scholarship)	☐ Generate new data	☒ Digital ☒ Physical	☐ Audiovisual ☐ Images	I collect legal doctrine with a	☐ < 1 GB ☒ < 100 GB	Physical prints are stored in my office

		☒ Reuse existing data		☐ Sound ☐ Numerical ☒ Textual ☐ Model ☐ Software ☐ Other:	reference manager, who automatically saves these sources (PDF) As back-up, I save important articles also in PDF format From some articles, I have a print-out that I keep in my office	☐ < 1 TB ☐ < 5 TB ☐ > 5 TB ☐ NA	
Legislation	EU and national law provisions	☐ Generate new data ☒ Reuse existing data	☒ Digital ☐ Physical	☐ Audiovisual ☐ Images ☐ Sound ☐ Numerical ☒ Textual ☐ Model ☐ Software ☐ Other:	EU legislation is published on EURLEX and online available (URL) National legislation is published on the respective websites of national governments and online available (URL)	☒ < 1 GB ☐ < 100 GB ☐ < 1 TB ☐ < 5 TB ☐ > 5 TB ☐ NA	

If you reuse existing data, please specify the source, preferably by using a persistent identifier (e.g. DOI, Handle, URL etc.) per dataset or data type.	All data described above is online available (sometimes it is publicly accessible, sometimes only after a log-in with KU Leuven subscriptions). The data are thus available in URL, but of legal doctrine, policy documents and reports and important case law, I save copies in PDF format. I store these copies on my KU Leuven OneDrive account. https://curia.europa.eu/juris/recherche.jsf?language=en https://competition-cases.ec.europa.eu/search https://eur-lex.europa.eu/homepage.html?locale=en
Are there any ethical issues concerning the creation and/or use of the data (e.g. experiments on humans or animals, dual use)? If so, refer to specific datasets or data types when appropriate and provide the relevant ethical approval number.	☐ Yes, human subject data; provide SMEC or EC approval number: ☐ Yes, animal data; provide ECD reference number: ☐ Yes, dual use; provide approval number: ☒ No Additional information:
Will you process personal data[4]? If so, please refer to specific datasets or data types when appropriate and provide the KU Leuven or UZ Leuven privacy register number (G or S number).	☐ Yes (provide PRET G-number or EC S-number below) ☒ No Additional information:

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[4] See Glossary Flemish Standard Data Management Plan

Does your work have potential for commercial valorization (e.g. tech transfer, for example spin-offs, commercial exploitation, …)? If so, please comment per dataset or data type where appropriate.	☐ Yes ☒ No If yes, please comment:
Do existing 3rd party agreements restrict exploitation or dissemination of the data you (re)use (e.g. Material/Data transfer agreements, research collaboration agreements)? If so, please explain to what data they relate and what restrictions are in place.	☐ Yes ☒ No If yes, please explain:
Are there any other legal issues, such as intellectual property rights and ownership, to be managed related to the data you (re)use? If so, please explain to what data they relate and which restrictions will be asserted.	☐ Yes ☒ No If yes, please explain:

3. Documentation and Metadata

Clearly describe what approach will be followed to capture the accompanying information necessary to keep **data understandable and usable**, for yourself and others, now and in the future (e.g. in terms of documentation levels and types required, procedures used, Electronic Lab Notebooks, README.txt files, Codebook.tsv etc. where this information is recorded). *RDM guidance on documentation and metadata.*	- I have separate folders on my KU Leuven OneDrive account for the different data types. Filenames will contain essential features of the underlying documents such as the name of the judgement or legal act and the year it was decided or enacted. - I have a Word document in which I discuss my most important findings and remarks about legal doctrine (articles and books) and case law (CJEU judgments) - I use a reference manager (Zotero), which gives a clear and fast overview of all the data I have gathered
Will a metadata standard be used to make it easier to **find and reuse the data**? If so, please specify which metadata standard will be used. If not, please specify which metadata will be created to make the data easier to find and reuse. *REPOSITORIES COULD ASK TO DELIVER METADATA IN A CERTAIN FORMAT, WITH SPECIFIED ONTOLOGIES AND VOCABULARIES, I.E. STANDARD LISTS WITH UNIQUE IDENTIFIERS.*	☐ Yes ☒ No If yes, please specify (where appropriate per dataset or data type) which metadata standard will be used: If no, please specify (where appropriate per dataset or data type) which metadata will be created: To my knowledge, there is no such standard or practice in doctrinal legal research.

4. Data Storage & Back-up during the Research Project

Where will the data be stored? *Consult the [interactive KU Leuven storage guide](#) to find the most suitable storage solution for your data.*	☒ Shared network drive (J-drive) ☒ Personal network drive (I-drive) ☒ OneDrive (KU Leuven) ☐ Sharepoint online ☐ Sharepoint on-premis ☐ Large Volume Storage ☐ Digital Vault ☐ Other:
How will the data be backed up? *WHAT STORAGE AND BACKUP PROCEDURES WILL BE IN PLACE TO PREVENT DATA LOSS?*	☒ Standard back-up provided by KU Leuven ICTS for my storage solution ☐ Personal back-ups I make (specify) ☐ Other (specify)
Is there currently sufficient storage & backup capacity during the project? If yes, specify concisely. If no or insufficient storage or backup capacities are available, then explain how this will be taken care of.	☒ Yes ☐ No KU Leuven provides ample disk and cloud space for this limited data collection. If no, please specify:

How will you ensure that the data are securely stored and not accessed or modified by unauthorized persons? *CLEARLY DESCRIBE THE MEASURES (IN TERMS OF PHYSICAL SECURITY, NETWORK SECURITY, AND SECURITY OF COMPUTER SYSTEMS AND FILES) THAT WILL BE TAKEN TO ENSURE THAT STORED AND TRANSFERRED DATA ARE SAFE.* [Guidance on security for research data](#)	- For the security and integrity of the data I store online, I rely on the KU Leuven online security systems. The data will be stored on my KU Leuven personal network drive (both I:drive and Onedrive). The Onedrive-support is automatically backed up. I also use multiple (and distinct) passwords to protect device and cloud access. - Physical storage: the articles I have printed out are kept in my office, for which only I and a colleague hold a key - No personal data is used
What are the expected costs for data storage and backup during the research project? How will these costs be covered?	I rely on the KU Leuven OneDrive system and the back-ups I make personally do not have an additional cost, so there are no extra costs for data storage. This can be covered by bench fee if necessary.

5. Data Preservation after the end of the Research Project

Which data will be retained for at least five years (or longer, in agreement with other retention policies that are applicable) after the end of the project? In case some data cannot be preserved, clearly state the reasons for this (e.g. legal or contractual restrictions, storage/budget issues, institutional policies...). *Guidance on data preservation*	☒ All data will be preserved for 10 years according to KU Leuven RDM policy ☐ All data will be preserved for 25 years according to CTC recommendations for clinical trials with medicinal products for human use and for clinical experiments on humans ☐ Certain data cannot be kept for 10 years (explain)
Where will these data be archived (stored and curated for the long-term)? *Dedicated data repositories are often the best place to preserve your data. Data not suitable for preservation in a repository can be stored using a KU Leuven storage solution, consult the interactive KU Leuven storage guide.*	☒ KU Leuven RDR ☐ Large Volume Storage (longterm for large volumes) ☒ Shared network drive (J-drive) ☐ Other (specifiy):
What are the expected costs for data preservation during the expected retention period? How will these costs be covered?	Negligible; covered by bench fee if necessary.

6. Data Sharing and Reuse

Will the data (or part of the data) be made available for reuse after/during the project? Please explain per dataset or data type which data will be made available. *NOTE THAT 'AVAILABLE' DOES NOT NECESSARILY MEAN THAT THE DATA SET BECOMES OPENLY AVAILABLE, CONDITIONS FOR ACCESS AND USE MAY APPLY. AVAILABILITY IN THIS QUESTION THUS ENTAILS BOTH OPEN & RESTRICTED ACCESS. FOR MORE INFORMATION: HTTPS://WIKI.SURFNET.NL/DISPLAY/STANDARDS/INFO-EU-REPO/#INFOEUREPO-ACCESSRIGHTS*	☐ Yes, as open data ☐ Yes, as embargoed data (temporary restriction) ☐ Yes, as restricted data (upon approval, or institutional access only) ☐ No (closed access) ☒ Other, please specify: **None, in principle, as documents are either publicly available or tied to commercial databases (see above).**
If access is restricted, please specify who will be able to access the data and under what conditions.	**Not applicable**
Are there any factors that restrict or prevent the sharing of (some of) the data (e.g. as defined in an agreement with a 3rd party, legal restrictions)? Please explain per dataset or data type where appropriate.	☐ Yes, privacy aspects ☐ Yes, intellectual property rights ☐ Yes, ethical aspects ☐ Yes, aspects of dual use ☒ Yes, other ☐ No If yes, please specify: **documents sourced from commercial databases can only be shared with others who have access to these databases (in this case, all KU Leuven students and staff).**
Where will the data be made available? If already known, please provide a repository per dataset or data type.	☐ KU Leuven RDR ☐ Other data repository (specify) ☒ Other (specify): **Not applicable**

When will the data be made available?	☐ Upon publication of research results ☐ Specific date (specify) ☒ Other (specify) **Not applicable**
Which data usage licenses are you going to provide? If none, please explain why. *A DATA USAGE LICENSE INDICATES WHETHER THE DATA CAN BE REUSED OR NOT AND UNDER WHAT CONDITIONS. IF NO LICENCE IS GRANTED, THE DATA ARE IN A GREY ZONE AND CANNOT BE LEGALLY REUSED. DO NOTE THAT YOU MAY ONLY RELEASE DATA UNDER A LICENCE CHOSEN BY YOURSELF IF IT DOES NOT ALREADY FALL UNDER ANOTHER LICENCE THAT MIGHT PROHIBIT THAT.* *Check the RDR guidance on licences for data and software sources code or consult the License selector tool to help you choose.*	☐ CC-BY 4.0 (data) ☐ Data Transfer Agreement (restricted data) ☐ MIT licence (code) ☐ GNU GPL-3.0 (code) ☒ Other (specify) **Not applicable**
Do you intend to add a PID/DOI/accession number to your dataset(s)? If already available, please provide it here. *INDICATE WHETHER YOU INTEND TO ADD A PERSISTENT AND UNIQUE IDENTIFIER IN ORDER TO IDENTIFY AND RETRIEVE THE DATA.*	☐ Yes, a PID will be added upon deposit in a data repository ☐ My dataset already has a PID ☒ No
What are the expected costs for data sharing? How will these costs be covered?	**Not applicable**

7. Responsibilities

Who will manage data documentation and metadata during the research project?	**The researcher**

Who will manage data storage and backup during the research project?	**The researcher as well as the KU Leuven ICT ser**
Who will manage data preservation and sharing?	**The researcher**
Who will update and implement this DMP?	**The researcher**