

Corporate innovation activities and public demand-side policies

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.

Dataset name / ID	Description	New or reuse	Digital or Physical data	Data Type	File format	Data volume	Physical volume
		<i>Indicate: N(ew data) or E(xisting data)</i>	<i>Indicate: D(igital) or P(hysical)</i>	<i>Indicate: Audiovisual Images Sound Numerical Textual Model Software Other (specify)</i>		<i>Indicate: <1GB <100GB <1TB <5TB >5TB NA</i>	
Community Innovation Survey	Innovation survey	E	D	N	DTA (Stata)	<1GB	NA
R&D Survey	R&D survey	E	D	N	DTA (Stata)	<1GB	NA
TED	European Tender Electronic Daily	E	D	N	CSV	<100GB	NA
BELFIRST	Firm-level accounting data	E	D	N	CSV	<100GB	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:

The Community Innovation Survey and the R&D Survey data for Flanders are confidential data and are being held by the Centre for R&D Monitoring (ECOOM) at KU Leuven in Belgium.

The German Community Innovation Survey data are confidential data of the Leibniz-Centre for European Economic Research (ZEW) in Mannheim Germany.

The TED database is publicly accessible data: <https://ted.europa.eu/en/>

The BELFIRST database is accessible at the KU Leuven FEB library.

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.

- No

Will you process personal data? 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).

- No

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.

- No

Do existing 3rd party agreements restrict exploitation or dissemination of the data you (re)use (e.g. Material or Data transfer agreements, Research collaboration agreements)? If so, please explain in the comment section to what data they relate and what restrictions are in place.

- No

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 in the comment section to what data they relate and which restrictions will be asserted.

- No

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).

All data manipulation will be recorded in STATA program code (dofiles) such that any potential future use can understand the steps undertaken from loading the raw data to producing published results.

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.

- No

Data Storage & Back-up during the Research Project

Where will the data be stored?

- Shared network drive (J-drive)
- Other (specify below)

We will also use the one-drive cloud.

How will the data be backed up?

- Standard back-up provided by KU Leuven ICTS for my storage solution

Is there currently sufficient storage & backup capacity during the project?

If no or insufficient storage or backup capacities are available, explain how this will be taken care of.

- Yes

How will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?

We follow the guidelines by KU Leuven ICTS. According to these guidelines, the J-drive and one-drive are considered as safe environments.

What are the expected costs for data storage and backup during the research project? How will these costs be covered?

No additional cost involved.

Data Preservation after the end of the Research Project

Which data will be retained for 10 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...).

- All data will be preserved for 10 years according to KU Leuven RDM policy

Where will these data be archived (stored and curated for the long-term)?

- Shared network drive (J-drive)

What are the expected costs for data preservation during the expected retention period? How will these costs be covered?

no additional cost

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.**

- Yes, as restricted data (upon approval, or institutional access only)

If access is restricted, please specify who will be able to access the data and under what conditions.

Any interested researcher will be granted access to the data for not-for-profit research purposes.

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

We can only grant access for non-profit research purposes, as the surveys are primary data collected from firms under a confidentiality agreement. No firm-specific numbers may be published - only in aggregated format including as descriptive statistics, parameter estimates from econometric models etc.

Where will the data be made available?

If already known, please provide a repository per dataset or data type.

- Other data repository (specify below)

Access to the data can be granted through the Centre for R&D Monitoring for the Flemish data and the Leibniz-Centre for European Economic Research for the German data.

When will the data be made available?

- Upon publication of research results

Which data usage licenses are you going to provide?

If none, please explain why.

- Other (specify below)

Creative Commons Attribution-NonCommercial (CC-BY-NC)

Do you intend to add a persistent identifier (PID) to your dataset(s), e.g. a DOI or accession number? If already available, please provide it here.

- No

What are the expected costs for data sharing? How will these costs be covered?

none.

Responsibilities

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

Dirk Czarnitzki and Malte Prüfer.

Who will manage data storage and backup during the research project?

Dirk Czarnitzki and Malte Prüfer.

Who will manage data preservation and sharing?

Dirk Czarnitzki and Malte Prüfer.

Who will update and implement this DMP?

Dirk Czarnitzki and Malte Prüfer.