DMP.AOTTO

Project Name My plan (FWO DMP) - DMP.AOTTO

Grant Title 1256321N

Principal Investigator / **Researcher** Adeline Otto

Project Data Contact adeline.otto@kuleuven.be

Description In the face of accelerating global warming and attendant natural disasters, it seems that governments all over the world eventually have to take measures mitigating the most adverse consequences of climate change. However, such measures are likely to be opposed if they do not reflect public attitudes. To better understand attitudes towards climate change mitigation policies (CMP), and in particular what influences support of them, scholars have identified various factors. Surprisingly, little research has paid attention to social justice considerations as an influential factor. This is astonishing given that several scholars suggest that CMP are likely to affect poor individuals disproportionately. The proposed research seeks to fill this gap by a novel survey investigating how support for various CMP depends on social justice considerations. Additionally, governments will want to counteract the socially adverse side-effects of CMP, which might give rise to new fairness discussions. Existing research on such â€œecosocial policiesâ€ is limited to theory and studies stressing need for these policies. However, it is unclear which of these policies are particularly popular and how social justice consideration and other factors influence their public acceptance. Therefore, another aim of the project is to explore attitudes towards eco-social policies, how individuals rank social welfare and the mitigation of climate change, and how this varies across national contexts. The research will address these questions by collecting and evaluating secondary literature and by online survey data.

Institution KU Leuven

1. General Information

Name applicant

Adeline Otto

FWO Project Number & Title

grant 1256321N: Public support for climate change mitigation and eco-social policies in Europe: the role of social justice considerations in legitimising and promoting the transition to low-carbon societies

Affiliation

- KU Leuven

2. Data description

Will you generate/collect new data and/or make use of existing data?

- Generate new data
- Reuse existing data

Describe in detail the origin, type and format of the data (per dataset) and its (estimated) volume. This may be easiest in a table (see example) or as a data flow and per WP or objective of the project. If you reuse existing data, specify the source of these data. Distinguish data types (the kind of content) from data formats (the technical format).

Work package	Deliverable	Type of data	Format	Volume	How created
WP1	meta-analysis	table with effect sizes	.xls, numerical	1 file, max 1 GB	own computation of effect sizes from regression and correlation coefficients as well as Odd Rations as reported in published articles with statistical information on the relationship between various factors and support for climate change mitigation policies
WP2	analysis of existing survey data	dataset	.xls, numerial	1 file with about 15 MB	original data from the 3rd climate survey of the European Investment Bank, online panel survey data, individual-level, processed/anonymised data sent by email to me from EIB. The country-level aggregated data is available here: European Investment Bank, Third Edition of the Climate Survey,https://www.eib.org/en/surveys/climate-survey/3rd-climate-survey/index.htm.
WP3	analysis of own online survey data	dataset with online panel survey data	.csv or .xls, numerical	1 file, max 200 MB	questionnaire designed in Qualtrics survey software and rolled out via an online panel operated by a margeting/polling agency; raw but anonymised data sent to me after completed data collection
WP4	analysis of own online survey data	dataset with online panel survey data	.csv or .xls, numerical	1 file, max 200 MB	questionnaire designed in Qualtrics survey software and rolled out via an online panel operated by a margeting/polling agency; raw but anonymised data sent to me after completed data collection

3. Legal and ethical issues

Will you use personal data? If so, shortly describe the kind of personal data you will use. Add the reference to your file in KU Leuven's Register of Data Processing for Research and Public Service Purposes (PRET application). Be aware that registering the fact that you process personal data is a legal obligation.

- No

all the survey data that will be collected for me by a marketing agency will already be anonymised before I receive it.

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, add the reference to the formal approval by the relevant ethical review committee(s)

- No

Does your work possibly result in research data with potential for tech transfer and valorisation? Will IP restrictions be claimed for the data you created? If so, for what data and which restrictions will be asserted?

- No

Do existing 3rd party agreements restrict dissemination or exploitation of the data you (re)use? If so, to what data do they relate and what restrictions are in place?

- No

4. Documentation and metadata

What documentation will be provided to enable reuse of the data collected/generated in this project?

WP1: For the meta-analysis dataset, a codebook (excel file) will be generated. It will list all variables in detail such as, for example, name of author(s), year of publications, number of participants in studies, type of assessed policy, discipline in which the paper has been published and the Pearson product-moment correlation coeffcients of all determinants fulflling the eligibility criteria (variable label, question text, codes, frequencies etc). In addition to this, the file will contain meta data on when each study selected and included in the meta-analysis has been evaluated to calcuate individual effect sizes. The excel-file will also contain a flow chart with information on the search criteria that have been used to look for publications and how publications have been selected.

WP3 and 4: A code book will be generated for the self-collected survey data via an online survey panel. Apart from variable-level information, this file will contain data on the study design, on possible weights being applied, and the country in which the data was collected, the time in which the data was collected etc.

Will a metadata standard be used? If so, describe in detail which standard will be used. If no, state in detail which metadata will be created to make the data easy/easier to find and reuse.

- No

see the explanations above

5. Data storage and backup during the FWO project

Where will the data be stored?

So far, all data that will be used and generated in the framework of this project is not personal data. All data will be stored on the researchers' personal KU Leuven OneDrive cloud, which can only be accessed with the researchers/PI's personal login and password.

How is backup of the data provided?

All data saved on the researcher's OneDrive will be automatially stored and backed up in life time. In addition to this, the researcher of the project/PI will on regular basis create backups of all the research data on a personal space of the university's central servers with automatic daily back-up procedures.

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

The KU Leuven OneDrive has a capacity of 2 TB online storage for work, study, or research

related files and documents. Personal space on the university's server space is basically unlimited.

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

All the storage and backup solutions mentioned above are free of charge for KU Leuven staff and affiliated staff members.

Data security: how will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?

Storing data on the personal KU Leuven OneDrive cloud as well as the backups on the researcher-related space on the University's central server can only be accessed via the researcher's personal login and password.

6. Data preservation after the FWO project

Which data will be retained for the expected 5 year period after the end of the project? In case only a selection of the data can/will be preserved, clearly state the reasons for this (legal or contractual restrictions, physical preservation issues, ...).

All project-related data will be saved/backed up on the university's central server for the expected 5 year period after the end of the project and beyond. Access to this data will be guranteed by the academic supervisor of the project in case the research/principal investigator has left the hosting institution.

Where will the data be archived (= stored for the longer term)?

The data will be stored on the university's central servers (with automatic back-up procedures) for at least 10 years, conform the KU Leuven RDM policy.

What are the expected costs for data preservation during the retention period of 5 years? How will the costs be covered?

there are no costs related to the data preservation.

7. Data sharing and reuse

Are there any factors restricting or preventing the sharing of (some of) the data (e.g. as defined in an agreement with a 3rd party, legal restrictions)?

- No

Which data will be made available after the end of the project?

The data from the different surveys conducted in the framework of the project will be cleaned, saved as a csv-file and a codebook will be generated. Both will be made available. It is not yet clear at this point which open access platform will be used to make the data available.

In addition to this, code/syntax for the statistical analyses will be made available via GitHub.

Where/how will the data be made available for reuse?

- In an Open Access repository

When will the data be made available?

- Immediately after the end of the project

Who will be able to access the data and under what conditions?

The full dataset with the survey data will be uploaded in a cvs format on an open access platform under a CC-BY license. Therefore, it will be available to anyone for any purpose, provided that they give appropriate credit to the creators. The code/syntax of the statistical analyses will be made available on GitHub and therefore available to everyone interested in the code. The link to the GitHub sotage will be mentioned in the supplematary material published with each research article related to the project.

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

no costs expected.

8. Responsibilities

Who will be responsible for data documentation & metadata?

Adeline Otto, the grant holders

Who will be responsible for data storage & back up during the project?

Adeline Otto, the grant holder

Who will be responsible for ensuring data preservation and reuse ?

Adeline Otto, the holder of the FWO grant

Wim Van Lancker (also KU Leuven), the academic supervisor of the project

Who bears the end responsibility for updating & implementing this DMP?

The PI bears the end responsibility of updating & implementing this DMP.