REFUGEES: FROM CAMP TO CAMPUS: SOCIAL INVESTMENT IN REFUGEES AND NEWCOMERS THROUGH HIGHER EDUCATION.

A Data Management Plan created using DMPonline.be

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Project abstract:

The main objective of 'From Camp to Campus' is to establish the scientific basis of a 'social investment approach' (SI) that increases the efficiency and effectiveness of integration strategies for refugees and newcomers (R&N) through higher education. Besides the scientific objective, 'From Camp to Campus' has a social objective: to promote a win-win strategy, with welfare gains for R&N themselves, and for the Flemish economy and society in general. This welfare gain is achieved through a shift from a traditional welfare and activation approach to a social investment (SI) strategy.

We formulate four guiding research objectives: Objective 1: Develop a comprehensive theoretical rationale for the SI approach to migrant integration, with a particular focus on R&N. Objective 2: Conduct a thorough empirical analysis of the extent of brain waste risk and return on investment for R&N. Objective 3: examine the "demand side" of SI strategy for R&N. Specifically, we will examine issues related to 'access' to higher education and 'success' (progression within higher education), as well as R&N's ambitions, careers, needs and experiences bethink higher education. Objective 4: To examine the "supply side" of the various services offered by higher education and identify points for quality improvement, good practices, etc. Given the scholarly objectives of the project, "From Camp to Campus" aims to contribute to the scholarly literature in four main ways. First, we will evaluate the current state of an SI perspective on migration, and develop a theoretical framework with a focus on investment in higher education. Second, we will gather innovative scientific knowledge on return on investment for H&N. Third, our qualitative research will provide new and important insights into the "demand side" and obstacles faced by R&N in higher education. By focusing on the needs of highly educated refugees, we recognize that they require tailored interventions (Fried et al., 2020). One of the innovative elements of our proposal consists of a thorough analysis of R&N's educational barriers and strategies to overcome them. Fourth, we thoroughly examine the "supply side" of investment by analyzing four different higher education services from a comparative perspective.

The scientific outputs of "From Camp to Campus" will provide substantial and relevant knowledge that will enable the advisory committee, and the other (local) government and civil society actors in the scientific field to put an end to this brain waste. As scientific output, we foresee a research report by objective and several peer-reviewed articles, and a doctoral dissertation.

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FWO DMP (Flemish Standard DMP)

1. 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	Description	New or reused	Digital or Physical	Only for digital data Digital Data Type	Only for digital data Digital Data format	Only for digital data Digital data volume (MB/GB/TB)	Only for physical data Physical volume
LFS	Labour force survey (Enquête naar arbeidskrachten)	Reuse existing data	Digital	Observational • Experimental • Compiled/aggregated data • Simulation data • Software • Other • NA	*.csv* • .por, .xml, .tab, .csv,.pdf, .txt, .rtf, .dwg, .gml, … • NA	<1GB • <100GB • <1TB • <5TB • <10TB • <50TB • >50TB • NA	
Literature review	Reviewing the literature on refugees and newcomers	New	Digital	Textual	.pdf	<1GB	
Field notes	Collection of field notes of researchers involved in the qualitative research (VUB, PXL)	New	Physical and digital dairy entries	Textual	.dockx .pdf	<1GB	3 to 5 notebooks containing field notes made by different researchers

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:

Source is STATBEL. We made a formal application to STATBEL to request the data of the labour force survey.

Are there any ethical issues concerning the creation and/or use of the data (e.g. experiments on humans or animals, dual use)? Describe these issues in the comment section. Please refer to specific datasets or data types when appropriate.

• Yes, human subject data

We collect information on experiences of migrants (including N&R) and Belgians with having access to higher education and aspirations of those persons to go to higher education.

Will you process personal data? If so, briefly describe the kind of personal data you will use in the comment section. Please refer to specific datasets or data types when appropriate.

- Yes

LFS: individuals

- We only present aggregated data on EU-LFS (in line with data policy of STATBEL).

Field notes: individuals:

- We will work with a form "Informed constent".
- Data are anonimised in the presentation of results.

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/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

2. 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).

- This applies to the field notes. The dataset will be accompanied by a separate README.txt file, saved and accessible at the same location as the dataset. This file will contain both contextual information on the data (when, how, where, by whom, and with whom it was collected) as well as technical information on the ways in which data were processed (e.g., means of data input, data software used, manipulations of the data, process of analyses) and technical details on how to access and process the data in the future.
  The LFS files are already accompanied by a codebook (excel spreadsheet) providing an overview of all variables in each dataset, their values, and corresponding meanings.

Will a metadata standard be used to make it easier to find and reuse the data? If so, please specify (where appropriate per dataset or data type) which metadata standard will be used. If not, please specify (where appropriate per dataset or data type) which metadata will be created to make the data easier to find and reuse.

- No

3. Data storage & back-up during the research project

Where will the data be stored?

LFS: KU Leuven Onedrive (two-factor authentication requested)
Field notes: PXL Onedrive (two-factor authentication requested) and VUB Onedrive (two-factor authentication requested)

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 yes, specify concisely.
If no or insufficient storage or backup capacities are available, then 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?

All digital data will be kept on the One Drive servers, protected by two-factor identification needed from all KU Leuven researchers. Similar hold true for the field notes. (See above)
One Drive folders and documents will only be shared with researchers involved in the study. When needed, sharing of data and/or documents with others will occur only
with restricted access (through e-mail) and editing rights (read-only).

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

We expect that the storage of the data will not exceed the storage space provided by One Drive. Thus, we do not anticipate any additional costs for data
storage for this project.

4. 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...).

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)?

One Drive KU Leuven - Archive
Responsible: prof.dr. Orhan Agirdag

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

Data storage is not expected to exceed the possibilities provided by the standard KU Leuven storage solutions and thus will not involve additional costs

5. Data sharing and reuse

Will the data (or part of the data) be made available for reuse after/during the project? In the comment section please explain per dataset or data type which data will be made available.

- Yes, in a restricted access repository (after approval, institutional access only, …)

For all members of the research team, access to the data will always be by two-factor identification to gain access to the data stored on the One Drive server.
After completion of the project, the data will not be made openly available nor available under embargo as data concerns potentially sensitive materials collected with a
socially vulnerable group of participants (refugee and migrant families). Data might be shared upon agreement with third parties. Data-sharing policy agreements will then
be drawn up between the study team and parties requesting access to the data.
Scientific publications resulting from the project will be stored in the KU Leuven repository LIRIAS.

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

For the duration of the project, the data will be shared by the promotors and co-promotors of the study. Access to the data will always be by two-factor identification to gain access to the data stored on the One Drive servers.
All additional requests for access to the data will be discussed with and evaluated by prof.dr. Orhan Agirdag.

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 in the comment section per dataset or data type where appropriate.

- Yes, Ethical aspects

After completion of the project, the data will not be made openly available nor available under embargo as data concerns potentially sensitive materials collected with a
socially vulnerable group of participants (refugee and migrant families).

Where will the data be made available? If already known, please provide a repository per dataset or data type.

The data will not be made available.

When will the data be made available?

The data will not be made available.

Which data usage licenses are you going to provide? If none, please explain why.

The data will not be made available.

Do you intend to add a PID/DOI/accession number to your dataset(s)? If already available, you have the option to provide it in the comment section.

The data will not be made available.

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

The data will not be made available.

6. Responsibilities

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

Project responsible and PI: prof.dr. Orhan Agirdag. Responsible for day-to-day coordination, storing, and managing the data over the 4-year project duration: dr. Sofie Cabus, Research Manager

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

Responsible for day-to-day coordination, storing, and managing the data over the 4-year project duration: dr. Sofie Cabus, Research Manager

Who will manage data preservation and sharing?

Prof.dr. Orhan Agirdag.

Who will update and implement this DMP?

dr. Sofie Cabus, Research Manager