DMP FOR ‘LEARNING FROM INNOVATIVE CARE ARCHITECTURE TO DESIGN FOR HUMANE DETENTION’

DMP_G076822N

ADMIN DETAILS

Project Name: DMP for ‘Learning from innovative care architecture to design for humane detention’ - DMP_G076822N
Project Identifier: G076822N
Principal Investigator / Researcher: Ann Heylighen
Project Data Contact: Céline Ramioul
Description: Belgian prisons are facing structural problems like overcrowding, outdated infrastructure, and lack of privacy. Architecture is intrinsically linked to the pain and harm inflicted by incarceration. However, a shift in attitude is growing towards prisoners and the purpose of prisons, which are increasingly viewed as places of rehabilitation rather than punishment. Despite this evolution, a gap remains between theory and practice. Due to the inhumane conditions in (especially older, 19th-century) prisons, Belgium was repeatedly condemned by the European Court of Human Rights and received critical reports from the European anti-torture Committee. Although detention differs considerably from residential care, similar principles are circulating that characterize current social evolutions (e.g., normalization, (re)integration). Instead of starting from existing prison architecture and examining how it can be updated to current evolutions, this project starts from innovative residential care architecture and examines how it should be adapted to suit the context of detention. It will combine case studies of innovative residential care and detention projects, with participatory action research with future users. This will result in spatial concepts for humane detention, demonstrated in one or more design proposals for a Belgian Detention House, and methods/techniques to gain support for such houses with and amongst various stakeholders from the start of the design process.
The research, which is supported by the Research Foundation – Flanders (FWO), is conducted by Céline Ramioul, who is working towards a PhD, and Koen Coomans, supervised by and in collaboration with prof. Ann Heylighen, dr. Margo Annemans—all members of Research[x]Design—and prof. Tom Daems from the Leuven Institute of Criminology (LINC).
Institution: KU Leuven

1. GENERAL INFORMATION

Name applicant
Céline Ramioul

FWO Project Number & Title
Project number: G076822N
Title: Learning from innovative care architecture to design for humane detention

Affiliation

- KU Leuven

Research[x]Design, Dept. of Architecture, KU Leuven

2. DATA DESCRIPTION

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

- Generate new 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).

Type of data	Format	Volume	How created/source
WP2 - CASE STUDIES			
1. project documents	pdf, docx	5 cases (±500 MB)	**Primary data:** - articles in professional and academic journals - web pages - documents (plans, models, pictures, reports) provided by initiators and designers
2. notes and pictures from site visits	pdf (scans), jpeg	5 site visits (±500 MB)	**Primary data:** - notes and pictures created by researchers during the site visits (1 of the Blueprint project, 2 care projects, 2 detention projects) with initiators and designers

3. notes, audio & transcripts from interviews	pdf (scans), mp3, docx	5 interviews (±500 MB)	**Primary data:** - notes, audio recording created by researchers during the interviews with initiators, designers and users - transcriptions of the audio recordings created by researchers afterwards
4. notes and pictures from observations	pdf (scans), jpeg	5 observations (±500 MB)	**Primary data:** - notes and pictures created by researchers during the observations
WP4 - DIALOGUE			
5. notes, drawings, pictures, audio & transcripts from participatory design workshops	pdf (scans), jpeg, mp3, docx	4 workshops with prisoners, 2 with staff, 1 workshop with local neighbors (±500 MB)	**Primary data:** - notes and drawings created by researchers and participants during the participatory design workshops with prisoners, staff and local neighbors - pictures made during workshop - audio recording during the workshops - transcriptions of the audio recordings created by researchers afterwards
6. notes and pictures from site visits	pdf (scans), jpeg	1 site visit (±100 MB)	**Primary data:** - notes and pictures created by researchers during site visits of the Blueprint projects with staff and local neighbors
7. notes and drawings from individual discussions	pdf (scans)	to be decided	**Primary data:** - notes and drawings created by participants and researchers during individual discussions with visitors (adults and children) - preparatory notes and drawings created by participants

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.

- Yes

Privacy Registry Reference: G-2022-5096

Short description of the kind of personal data that will be used:

- Identification data (names) (data types 2, 3, 5, 6, 7)
- Characteristics of a person's living context (data types 2, 3, 4, 5, 6, 7)
- Audio recordings (data types 3, 5)
- Pictures made during observations (data type 4), site visits (data types 2, 6) and workshops (data type 5)
- Drawings and notes made during interviews (data type 3), workshops (data type 5), and individual discussions (data type 7)

No special categories of personal data will be collected directly. However, the possibility exists that we collect special categories of personal data indirectly. Other 'atypical' data can also be personal data if they can lead to the identification of a person, for example (blurred) pictures (data types 2, 4, 5, 6), transcripts of interviews (data type 3) or a description of a participants' observation (data type 4).

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)

- Yes

SMEC reference number: G-2022-5096 (approval pending)

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?

- Yes

The data we collect could be valorized in the context of Scenario-Based Design (e.g., as a basis for persona's and scenario's). If so, LRD will be contacted to offer guidance.

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?

Details on (the setting of) the observations (data type 4), interviews (data type 3), workshops (data type 5), site visits (data types 2, 6) and individual discussions (data types 7) and the informed consent process will be documented in a Word document. In addition, steps taken to remove direct identifiers in the data will also be described.

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

The metadata will consist of a Read me.docx and a folder with all the study documents (e.g., informed consent, ethical approval, etc.) to further contextualize the collection of the data underlying our publications.

5. DATA STORAGE AND BACKUP DURING THE FWO PROJECT

Where will the data be stored?

All data will be kept in a single location for the duration of the research project, namely a shared folder accessible only to the researchers (Céline Ramioul, Koen Coomans, dr. Margo Annemans and prof. Tom Daems) and supervisor prof. Ann Heylighen, and managed by the ICTS of KU Leuven. Because the network drive is password-protected, no one other than the research team has access to the data.
Paper data (such as notes, drawings, …) will be stored in the office of the researchers in a locked drawer or cupboard that can only be accessed by the researchers.

How is backup of the data provided?

Automatic back-up is ensured by using KU Leuven's J-Drive.

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 Department of Architecture has a 2 TB storage capacity + 5 TB for archiving available. This capacity can be extended, if needed.

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

We do not expect extra costs for data storage. In case we need to extend the storage capacity, costs will be covered by the budget of the FWO project.

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

Data will be pseudonymized and stored on encrypted KU Leuven drives. In the event that third parties illegally try to gain access to the data, the identity of the participants can be indirectly traced by means of the pseudonymization codes. To reduce this risk, the pseudonymization codes will be deleted after the ending of the project.

As mentioned before, paper data (such as notes, drawings) will be stored in the office of the researchers in a locked drawer or cupboard that can only be accessed by the researchers.

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 collected data will be stored for 20 years. Field notes and/or drawings on paper will be scanned. Once the notes have been saved electronically, paper notes and drawings will be destroyed.

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

As stated before, the Department of Architecture has a 5 TB archiving capacity. This capacity can be extended, if needed.

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

There are no expected costs for data preservation during the retention period of 20 years.

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?

All data will only be made available for follow-up research within the Research[x]Design group.

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

- Other (specify):

Data will only be shared with researchers from the Research[x]Design group for reuse in follow-up research.

When will the data be made available?

- Immediately after the end of the project

The data that will be shared for reuse (within our Research[x]Design group) can be made available immediately after the end of the project.

Who will be able to access the data and under what conditions?
Only uses for research purposes within Research[x]Design will be allowed and commercial reuse will be excluded. Researchers have to comply with the confidentiality rules for the given data.

What are the expected costs for data sharing? How will the costs be covered?
There are no expected costs for data sharing.

8. RESPONSIBILITIES

Who will be responsible for data documentation & metadata?
The PhD student (Céline Ramioul) bears the responsibility of data documentation & metadata.

Who will be responsible for data storage & back up during the project?
The PhD student (Céline Ramioul) bears the responsibility of data storage & back up during the project.

Who will be responsible for ensuring data preservation and reuse ?
The supervisor (prof. Ann Heylighen) bears the responsibility of data preservation and reuse.

Who bears the end responsibility for updating & implementing this DMP?
The supervisor (prof. Ann Heylighen) bears the end responsibility of updating & implementing this DMP.