Plan Overview

A Data Management Plan created using DMPonline

Title: Robust Decision-Making for Inland Waterway Transport Businesses

Creator: Ronaldus Lassooij

Principal Investigator: Ronaldus Lassooij

Data Manager: Ronaldus Lassooij

Project Administrator: Ronaldus Lassooij

Affiliation: Delft University of Technology

Template: TU Delft Data Management Plan template (2021)

Project abstract:
This research attempts to figure out how robust decision-making can help inland waterway container transport (IWT) businesses secure their future competitiveness against other modes of transport. A model/method that applies robust-decision-making with regards to IWT businesses' future navigability of the Rhine will be developed. Interviews with participants from the private companies and public organisations that are involved in inland waterway transport will firstly act as a source of information for the development of the model/method and secondly a method of validating the model's/method's benefit to businesses.

ID: 78315

Start date: 15-04-2021

End date: 25-08-2021

Last modified: 27-05-2021

Robust Decision-Making for Inland Waterway Transport Businesses

0. Administrative questions

1. Name of data management support staff consulted during the preparation of this plan.

My faculty data steward, Nicolas Dintzner, has reviewed this DMP on 26.05.2021.

2. Date of consultation with support staff.

2021-05-27

I. Data description and collection or re-use of existing data

3. Provide a general description of the type of data you will be working with, including any re-used data:

Type of data	File format(s)	How will data be collected (for re-used data: source and terms of use)?	Purpose of processing	Storage location	Who will have access to the data
Audio recording	.mp4	Interviews	Capture professional perspective on inland waterway transport	TUDelft OneDrive	Floortje d'Hont
Transcript	.pdf	Audio recording	Capture professional perspective on inland waterway transport	TUDelft OneDrive	Floortje d'Hont
Summary	.pdf	Transcript	Capture professional perspective on inland waterway transport	TUDelft OneDrive	Floortje d'Hont
List of participants	.xlsx	Targeted Social Networks Online Professional Network	Finding purposeful participants	TUDelft OneDrive	Floortje d'Hont

4. How much data storage will you require during the project lifetime?

- < 250 GB

II. Documentation and data quality

5. What documentation will accompany data?

- Methodology of data collection

Documented in MSc Thesis

III. Storage and backup during research process

6. Where will the data (and code, if applicable) be stored and backed-up during the project lifetime?

- OneDrive

IV. Legal and ethical requirements, codes of conduct

7. Does your research involve human subjects?

- Yes

8A. Will you work with personal data? (information about an identified or identifiable natural person)

If you are not sure which option to select, ask your [Faculty Data Steward](#) for advice. You can also check with the [privacy website](#) or contact the privacy team: privacy-tud@tudelft.nl

- Yes

8B. Will you work with any types of confidential or classified data or code as listed below? (tick all that apply)

If you are not sure which option to select, ask your [Faculty Data Steward](#) for advice.

- No, I will not work with any confidential or classified data/code

This relates to public work and public access to the waterways, therefore summaries will be reviewed by the participants before publication.

9. How will ownership of the data and intellectual property rights to the data be managed?

For projects involving commercially-sensitive research or research involving third parties, seek advice of your [Faculty Contract Manager](#) when answering this question. If this is not the case, you can use the example below.

The datasets underlying the published papers will be publicly released following the TU Delft Research Data Framework Policy. During the active phase of research, the project leader from TU Delft will oversee the access rights to data (and other outputs), as well as any requests for access from external parties. They will be released publicly no later than at the time of publication of corresponding research papers.

10. Which personal data will you process? Tick all that apply

- Names and addresses
- Email addresses and/or other addresses for digital communication
- Photographs, video materials, performance appraisals or student results
- Telephone numbers
- Signed consent forms
- Data collected in Informed Consent form (names and email addresses)

Job description and institution that participants works for

11. Please list the categories of data subjects

Professionals in the field of inland waterway transport
Public administration

12. Will you be sharing personal data with individuals/organisations outside of the EEA (European Economic Area)?

- No

15. What is the legal ground for personal data processing?

- Informed consent

16. Please describe the informed consent procedure you will follow:

All study participants will be asked for their written consent for taking part in the study and for data processing before the start of the interview.

17. Where will you store the signed consent forms?

- Same storage solutions as explained in question 6

Stored in Tudelft OneDrive.

18. Does the processing of the personal data result in a high risk to the data subjects?

If the processing of the personal data results in a high risk to the data subjects, it is required to perform a [Data Protection Impact Assessment (DPIA).](#) In order to determine if there is a high risk for the data subjects, please check if any of the options below that are applicable to the processing of the personal data during your research (check all that apply).
If two or more of the options listed below apply, you will have to [complete the DPIA](#).
Please get in touch with the privacy team: privacy-tud@tudelft.nl to receive support with DPIA.
If only one of the options listed below applies, your project might need a DPIA. Please get in touch with the privacy team: privacy-tud@tudelft.nl to get advice as to whether DPIA is necessary.
If you have any additional comments, please add them in the box below.

- None of the above applies

22. What will happen with personal research data after the end of the research project?

- Personal data will be shared with others - please explain which personal data will be shared, with whom, how and whether you have specified this in the informed consent form
- Anonymised or aggregated data will be shared with others
- Personal research data will be destroyed after the end of the research project

Personal data: people who agree to share their personal namen, will be published
Anonumised: summaries will always be published (with or without names)
Audio recordings and transcripts: will be deleted once the MSc thesis project is done

V. Data sharing and long-term preservation

27. Apart from personal data mentioned in question 22, will any other data be publicly shared?

- I do not work with any data other than personal data

29. How will you share research data (and code), including the one mentioned in question 22?

- I will upload the data to another data repository (please provide details below)

Data will be shared to TU Education Repository

31. When will the data (or code) be shared?

- At the end of the research project

VI. Data management responsibilities and resources

33. Is TU Delft the lead institution for this project?

- Yes, the only institution involved

34. If you leave TU Delft (or are unavailable), who is going to be responsible for the data resulting from this project?

Floortje d'Hont

35. What resources (for example financial and time) will be dedicated to data management and ensuring that data will be FAIR (Findable, Accessible, Interoperable, Re-usable)?

4TU.ResearchData is able to archive 1TB of data per researcher per year free of charge for all TU Delft researchers. We do not expect to exceed this and therefore there are no additional costs of long term preservation.