

# Non-legal aspects of data sharing for resource- constrained organisations

Johanna Walker, King's College London  
25/10, 14:30-15:15, Room 4D



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# Format



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- 14.30 – 14.45:  
Data management plans, data inventories, ethics frameworks and data justice plans  
(Johanna)
- 14.45 – 14.55  
Activity 1 (Discussion, All)
- 14.55 – 15.10  
Activity 2 (Fill in template, All)
- 15.10 – 15.15  
Wrap up and feedback (All)



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# Resource-constrained

- Medium-sized municipalities
- Start ups and SMEs
- Participatory data organisations
- Data Innovation Hubs
- Creative data groups and individuals
- Anyone who wants to manage the aims and purpose of their data (these tools work equally well with large governance systems!)



# Non-legal (and non-technical)

- TECHNICAL                      Quality, availability, integrity, security standards and frameworks
- REGULATORY                      DPIA, Industry standards, registers
- SOCIAL & ETHICAL                      Managing your data impact





# Data Management Plans

- FROM RESEARCH
- LIVING DOCUMENT - ITERATE
- DATA SHARING AND PRESERVATION
- WHAT DO YOU WANT TO HAPPEN TO THE DATA?

Data that will be collected/processed during the project	Expected data format	Size	Partner	Planned publication of data (yes/no/TBD), if yes, where
<b>Project management data: time tables, deliverable plans, documentation and performance tables, information sheets</b>	Textual (.docx) Tabular (.csv, .xlsx)	Small (<1GB)	LUH	LUH data repository ( <a href="https://data.uni-hannover.de">https://data.uni-hannover.de</a> ) and on the MediaFutures homepage ( <a href="https://mediafutures.eu">https://mediafutures.eu</a> )



# Data Inventories

- PER PROJECT
- WILL DIFFER FOR DATA HOLDERS & SHARERS
- INCLUDE ALL DATA USED (DON'T FORGET GEODATA!)
- PREVENT TRIANGULATION
- MANAGE LICENSE ISSUES

SCIFI Datasets for Waste Management in City 4					
Name applicant	Dataset (ENG)	Owner	Open data	Published	Published where (URL of)
SME1	Locations of public litterbins	City 4	Y	Y	<a href="#">City 4 data portal</a>
SME1	Network of roads in the city	Rijkswatersta	Y	Shared	
SME1	Location of green spaces	City 4	Y	Publication	<a href="#">City 4 data portal</a>
SME1	Events calendar + Locations	City 4	Y	Shared	City 4 website
SME1	Demographic data	City 4	Y	Y	<a href="https://www.cbs.nl/en-">https://www.cbs.nl/en-</a>
SME1	Intended use for buildings	City 4	Y	N, shared	Basisregistratie
SME1	Building types in the city	City 4	Y	N, shared	Basisregistratie
SME1	Locations of markets in the city	City 4	Y	N	
SME1	Type of urbanized area	City 4	Y	Y	<a href="http://data-">http://data-</a>
SME1	Tourist attractions	City 4	Y	N, shared	
SME1	Map of elevation	City 4	Y	Y	PDOK
SME1	Citizen reports on public litterbins or	City 4	N	Shared	
SME1	Distribution of the team for collecting	Werkse!	N	Shared	
SME1	Number of people in city by date	Stichting	N	N	
SME1	Ages of the buildings in the city	City 4	N	N, shared	Basisregistratie
SME1	Commercial activities	ntb	N	N, shared	
SME1	Benches		Y	N, shared	
SME1	Picknick tables		Y	N, shared	
SME1	Bus stops		Y	N,shared	
SME1	Play grounds		Y	Y	



# Data Ethics Frameworks



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- IDENTIFY AND MANAGE ETHICAL ISSUES
- WHO COULD BE NEGATIVELY AFFECTED?
- DATA ETHICS CANVAS (ODI)



Those who contribute data rarely  
get sufficient recognition or  
benefit from that contribution.

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Parking data  
Air quality data



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This can make data holding organisations reluctant to share data. If we want to change how benefits from data are distributed, we need to change how we work with data.

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If we want to change how benefits from data are distributed, we need to plan benefits from data alongside the entire data lifecycle early on to help benefits for data contributors materialise

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# Data Justice Plans

1. Who contributes data to your project, and why?
2. How do they benefit from the data?
3. How does this benefit materialize?
4. Who is responsible for making this happen?
5. What happens if the plan changes? (How) Can you salvage this benefit?
6. Who else benefits from the data and how?



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# Data Justice Plans

Please fill in your draft Data Justice Plan, and our survey,  
here

[bit.ly/DJPWorkshop](https://bit.ly/DJPWorkshop)

This will give you a first draft plan that you can download.  
We will also use your insights to improve the template!

# Thank you!

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