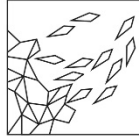
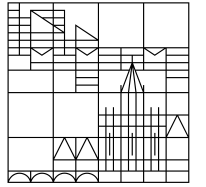


Centre for the Advanced Study
of Collective Behaviour



Universität
Konstanz



Data Management Plans

Dr. Lena Dreher, Ilja Werner
ZT 908

What Is a Data Management Plan?

A document to make your life easier

- Helps you keep an overview of your data and tasks (like a handbook)
- Describes **all data** you will generate in your project
- Is a living document that can and should be updated regularly
- Making a DMP raises awareness for issues that might come up later in the project
- Goes along the lines of FAIR data management. Research data should be kept:
 - Findable
 - Accessible
 - Interoperable
 - Re-usable

A Data Management Plan describes...

Part 1/2

- ... how data are generated
 - Empirical study, machine learning study, ...
- ... what kind of data are generated
 - Data format, subject specific standards, required tools, ...
- ... how the generation of the data will be documented
 - Lab book, software, ...
- ... where the data will be saved, processed, archived
 - Computer in the lab, own laptop, external hard drives, Cloud, HPC cluster, ...
 - Hot data – cold data, time schedule, long-term preservation, repository, external service provider? How much storage will you need, where will you get it from?

A Data Management Plan describes...

Part 2/2

- ... how back ups will be done
 - Who does back ups, when? Where? 3–2–1 principle
- ... who will need access to the data
 - Other project members? Project leader? Names of individuals
- ... which data shall be published
 - What is needed to validate published research results, plus what might be useful for others?
- ... where these data will be published
 - Repository, data journal, ...
- ... the licence under which these data shall be published
 - Creative Commons? MIT-Licence? Consider type of your data and your preferences for possible re-use by others

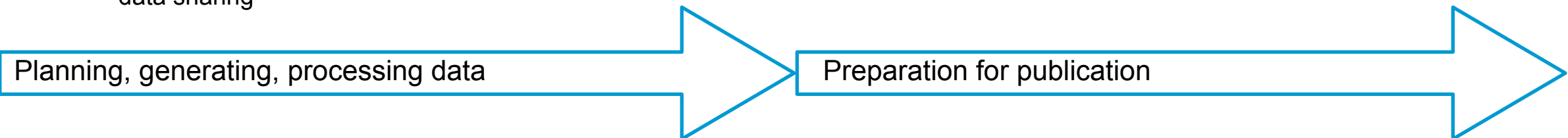
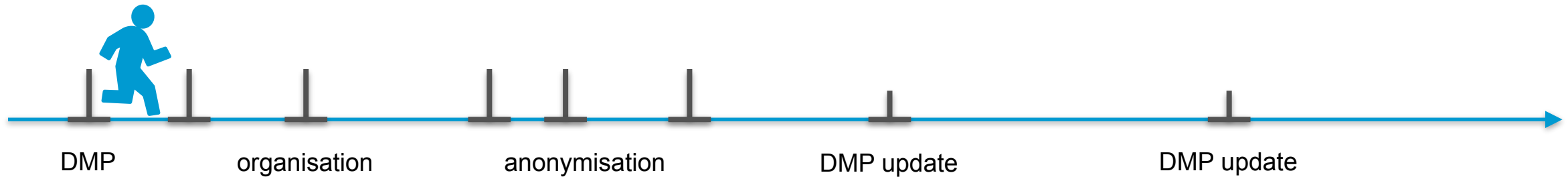
What a Data Management Plan Can Do for You – Start of a Project

Adapted from: Lilkendey, J./Thöricht, H./Zänkert, S., What can a data steward do for you? Discipline-specific RDM support and training, talk on 14. July 2022, Universität Bremen

Without DMP



With DMP



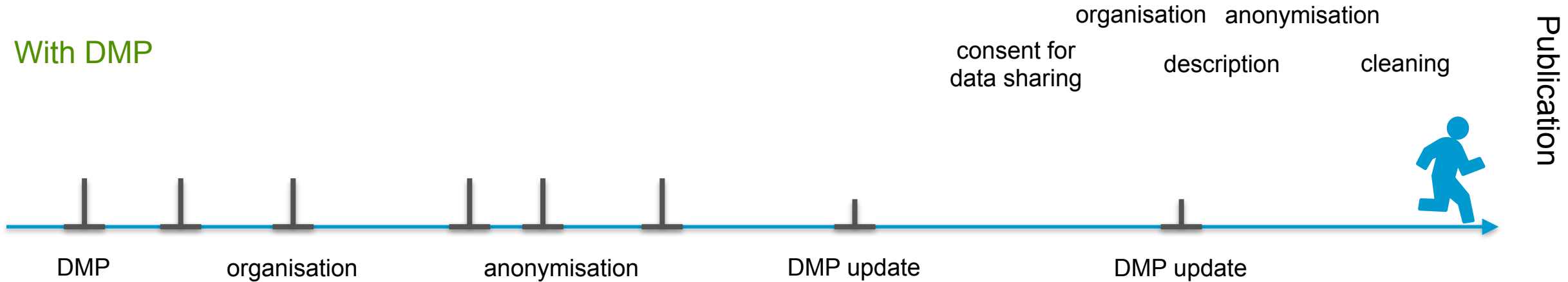
What a Data Management Plan Can Do for You – End of a Project

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Without DMP



With DMP



Planning, generating, processing data

Preparation for publication

DMP Template for CASCB Members

We make it easy for you

For your convenience, we have developed a template for a DMP which you can use. You can find it for download here on our website:

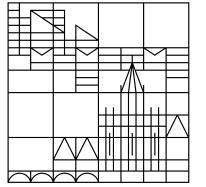
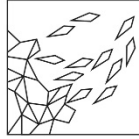
<https://www.exc.uni-konstanz.de/collective-behaviour/research/rdm/dmp/>

Fill in the template as far as you can:

- Some questions might not apply to your project
- Some questions you might only be able to answer with an estimation
- With some questions, you might need advice

That is okay. Making a DMP is supposed to raise awareness for issues that might come up later in the project. You do not have to know everything already, just come back later and add, once you have more info.

If you would like any assistance or advice, please do not hesitate to contact us.



**If you have any questions,
We are happy to help!**

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