



# Discipline-specific Guidance for DMPs


***RDA in the Netherlands  
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# Who are we?



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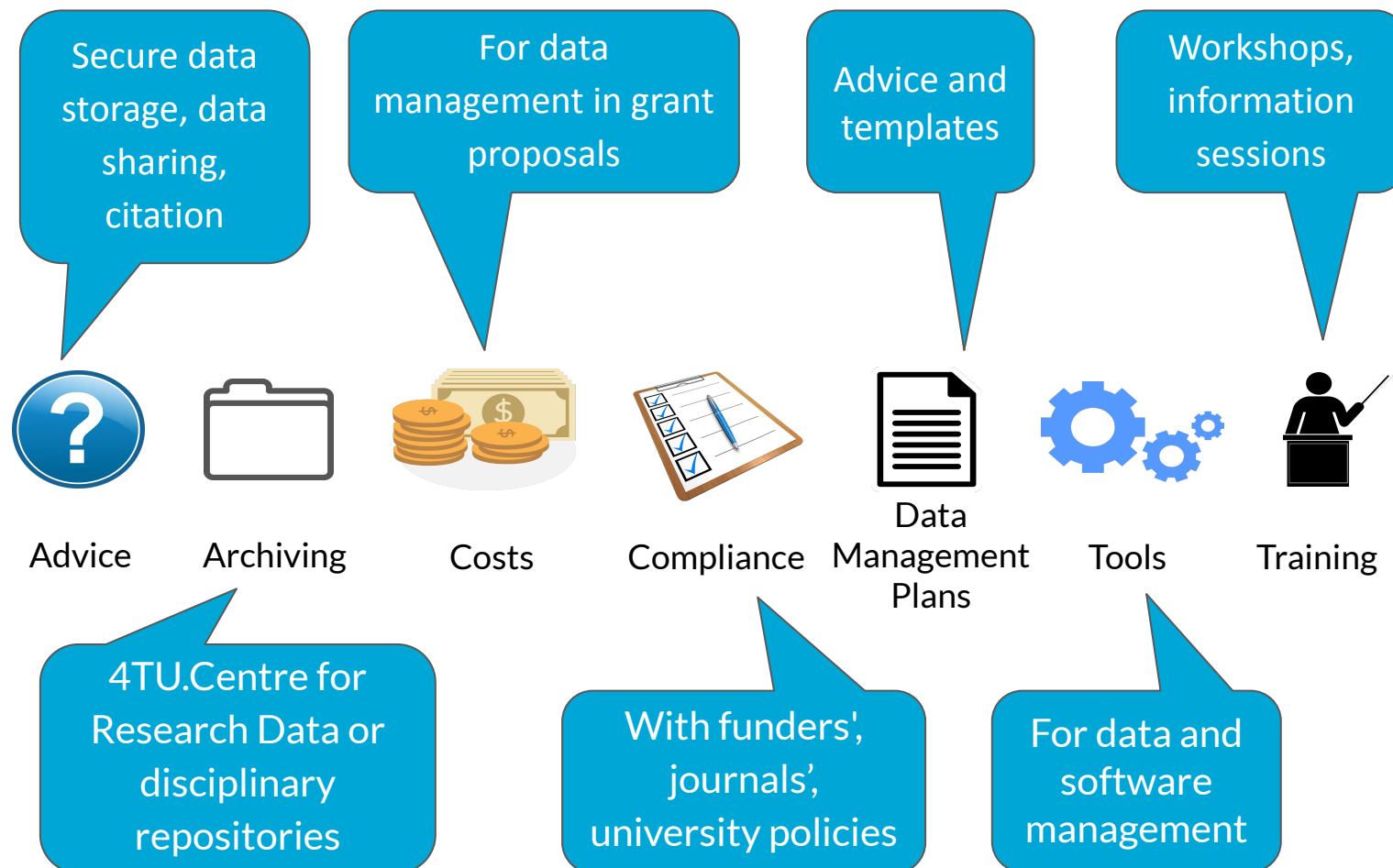
Data Steward at Faculty of Electrical Engineering,  
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Data Steward at Faculty Mechanical,  
Maritime and Materials Engineering,  
TU Delft

# What do we do as Data Stewards?



# Who are you?

Please go to: <https://edu.nl/w4hd3>

# RDA Discipline-specific Guidance for DMPs WG



Daniela Hausen  
RWTH Aachen  
University



Ivonne Anders  
DKRZ



Santosh  
Ilamparuthi  
TU Delft



Yasemin  
Türkyilmaz-van der Velden  
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Shannon Sheridan  
Pacific Northwest  
National Laboratory



Briana Wham  
Penn State  
University



Jessica Hrudey  
Vrije Universiteit  
Amsterdam

## Working Group

- 69 members
- 7 co-chairs from Germany, Netherlands and US

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## Impressions during training and consultation:

How to implement DMPs in the daily workflow of researchers?

How to make DMP a useful tool for them?

How to reflect discipline specific RDM requirements in DMPs?

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- Initial discussions during the Active DMP Interest Group session at the 14th Plenary in Finland.
- Discipline specific DMP templates?



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**Aim:** Develop a *discipline-specific guidance catalog for Data Management Plans (DMPs)* that can be used by DMP tool providers, funders, institutions, researchers and RDM professionals.

**Starting point:** Science Europe DMP template



## Working Program

1

- Exchange to the topic with different RDM expert and elaboration of a case statement
- First BoF session at P16

## Working Program

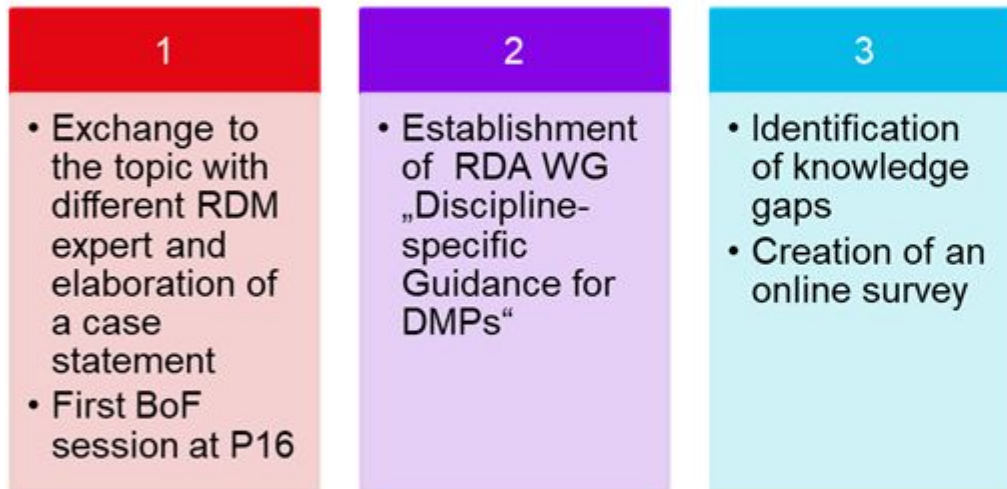
1

- Exchange to the topic with different RDM expert and elaboration of a case statement
- First BoF session at P16

2

- Establishment of RDA WG „Discipline-specific Guidance for DMPs“

## Working Program



M1: Identification of What is Already Known, Knowledge Gaps, Overlaps and Additional Use Cases (0-6 months)

# What do you need to do when you have a WG?

- Periodic meetings
  - We have fortnightly meetings.
- Public sessions
  - Public consultation sessions for input and evaluation of working group output
- RDA Plenary sessions
  - Organize sessions during the RDA plenary to share progress and for input
    - Evaluation of survey questions
    - Topics to be covered
    - Survey length
  - Have a presentation or an invited speaker to discuss relevant topics
    - *(add the speakers and topics discussed here)*
- Coordinate with other working/interest groups

# Survey

- A survey was conducted to gather data from among researchers and research support staff on the discipline specific data management practices.

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- A survey was conducted to gather data from among researchers and research support staff on the discipline specific data management practices.

**1. Which position do you have?**

PhD Candidate ▼

**2. In which discipline do you work?**

You may work in or support more than one discipline; please choose the one where you spend the majority of your time.  
Please select one of the options to see the sub-specialties, the classification is from the German Research Foundation (DFG).

☐ Humanities and Social Sciences

☐ Life Sciences

☐ Basic Research in Biology and Medicine

☐ Plant Sciences

☐ Zoology

☒ Microbiology, Virology and Immunology

☐ Medicine

☐ Neurosciences

☐ Agriculture, Forestry and Veterinary Medicine

☐ Natural Sciences

☐ Engineering Sciences

Other, namely:

**3. Where are you from?**

This questions is optional.

Argentina ▼

# Survey : (cont.)

- The survey was distributed internationally among universities and other research establishments.

## Data Description and Collection

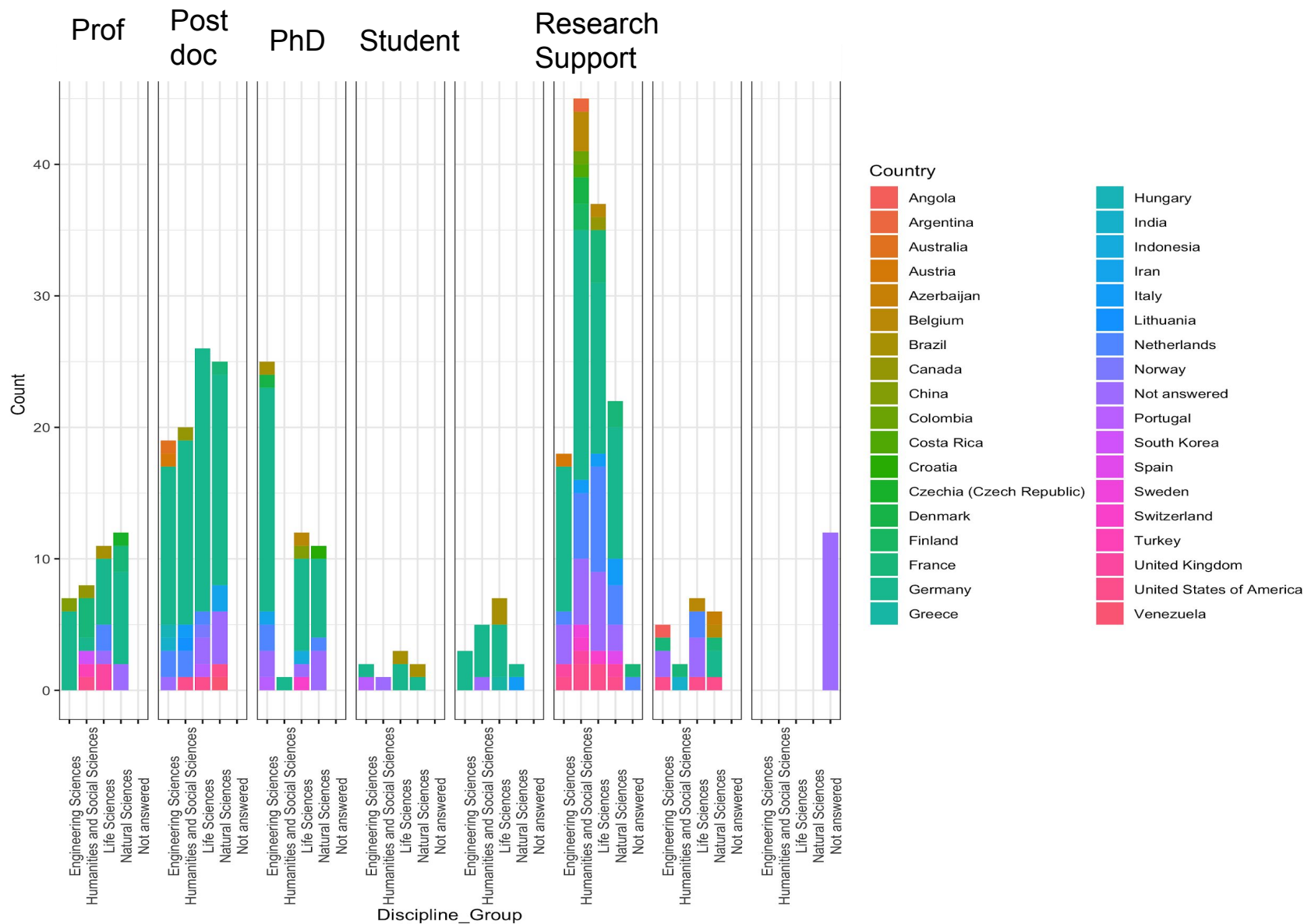
### 4. What kind of research data do you use or are used in the domains you support?

multiple responses possible

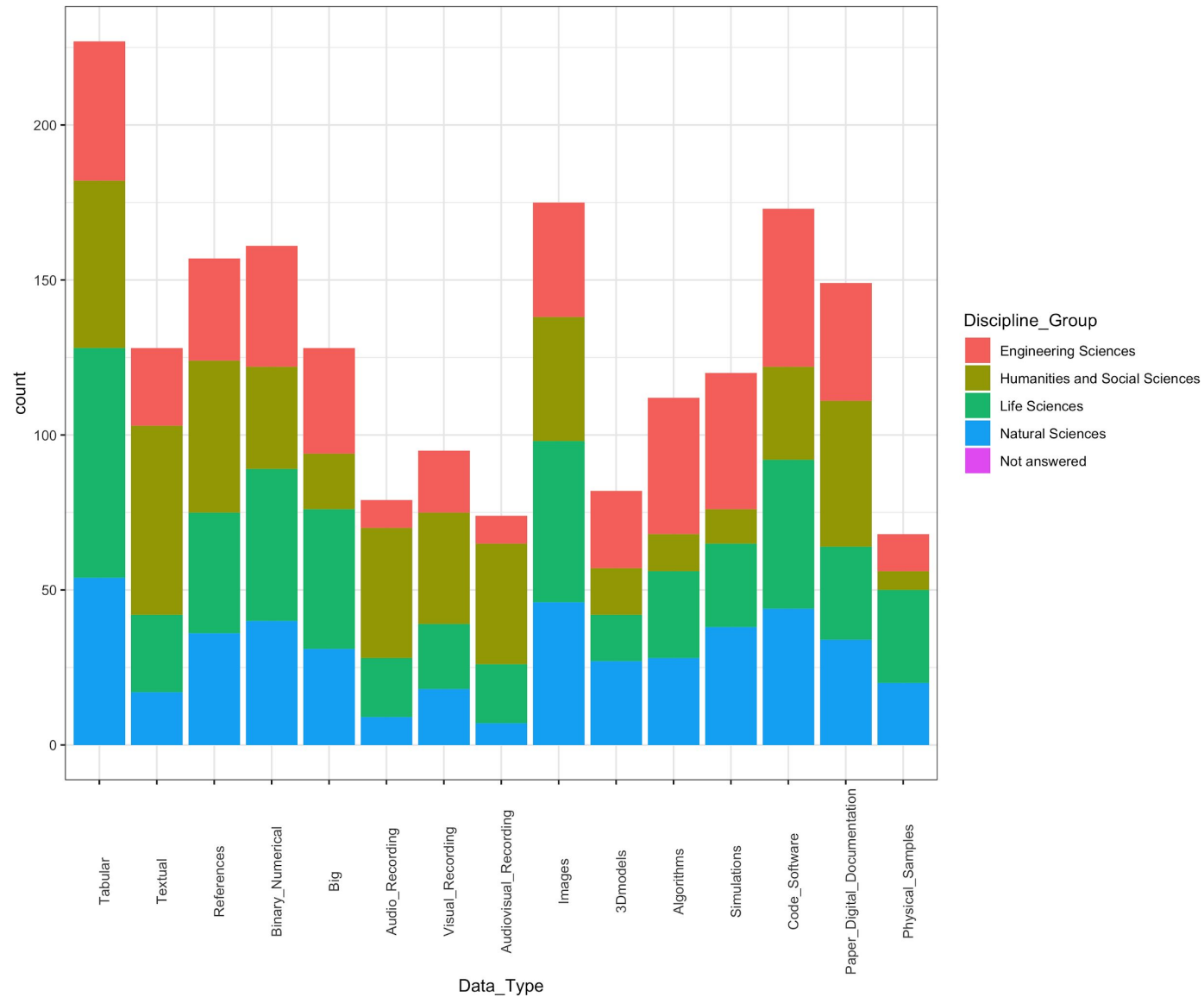
- ☐ Tabular data
- ☐ Textual data (such as interview transcripts or survey responses)
- ☐ References (i.e. bibliography)
- ☐ Binary or numerical data
- ☐ Big data (heterological data types)
- ☐ Audio recordings
- ☐ Visual recordings
- ☐ Audiovisual recordings
- ☐ Images
- ☒ 3D models
- ☐ Algorithms
- ☐ Simulations
- ☐ Code/software
- ☐ Paper or digital documentation
- ☐ Physical samples, including:
- ☐ Other, namely:



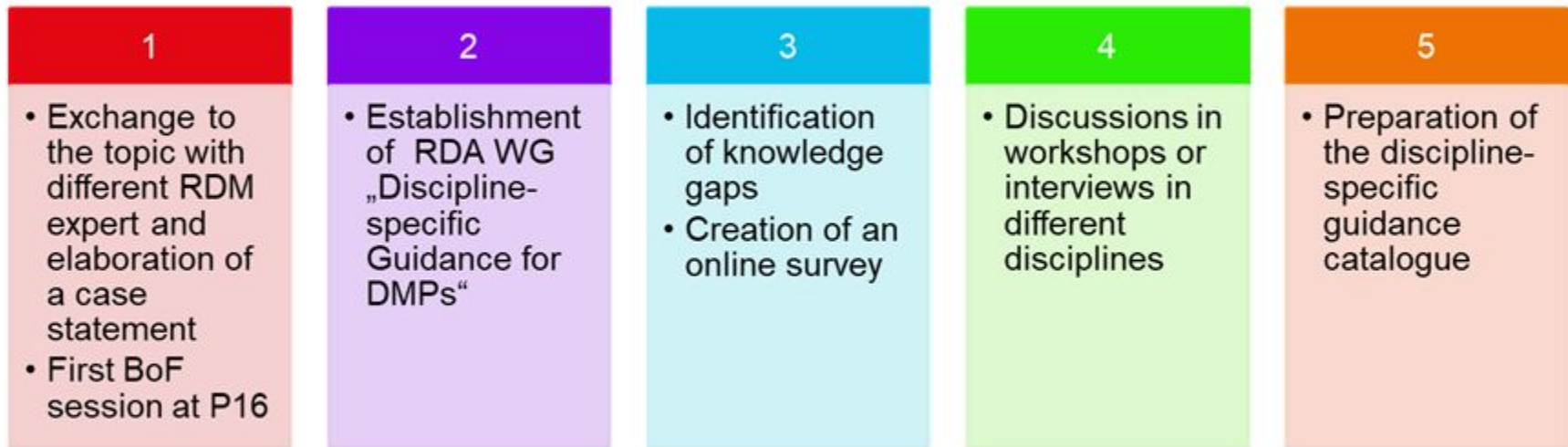
# Survey Results - Preliminary



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## Working Program



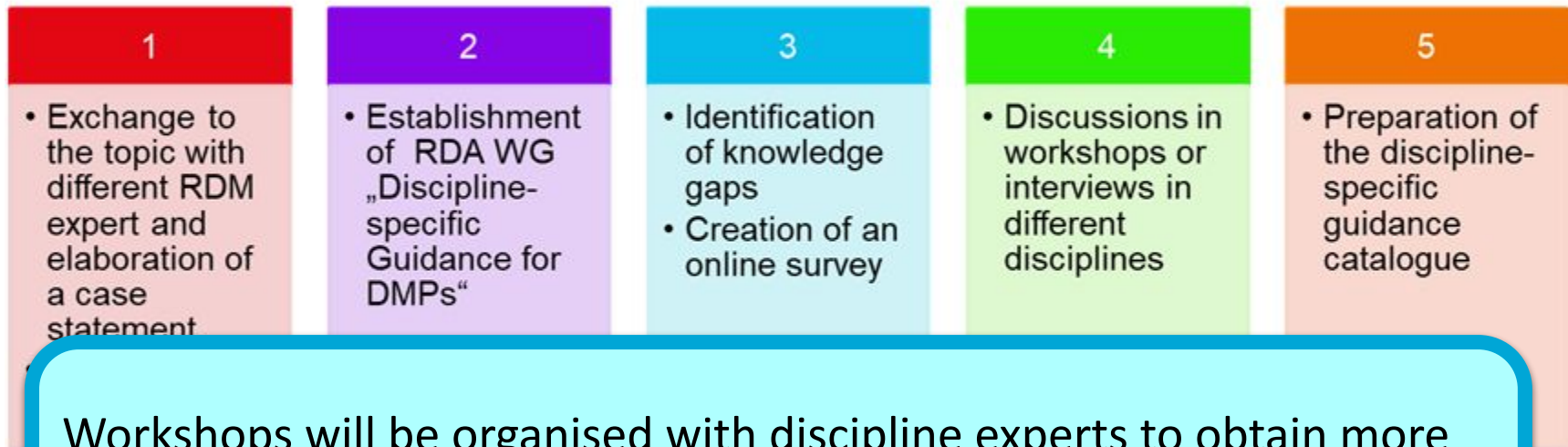
M1: Identification of What is Already Known, Knowledge Gaps, Overlaps and Additional Use Cases (0-6 months)

M2: Discussions with disciplinary experts (6 - 10 months)

M3: Creation of guidance document (10 - 13 months)

M4: Dissemination and adoption of guidance document for test cases (13 - 18 months)

## Working Program



Workshops will be organised with discipline experts to obtain more details for the development of the guidelines, survey participants who agreed to follow up discussions will be invited to these as well.

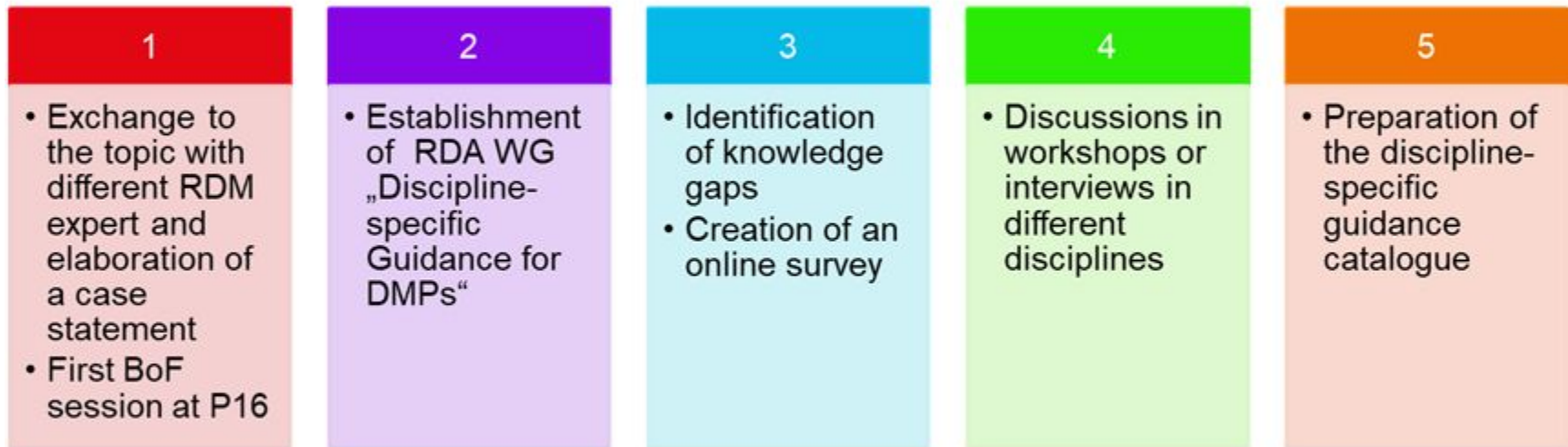
M2: Discussions with disciplinary experts (6 - 10 months)

M3: Creation of guidance document (10 - 13 months)

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## Working Program



M1: Identification of What is Already Known, Knowledge Gaps, Overlaps and Additional Use Cases (0-6 months)

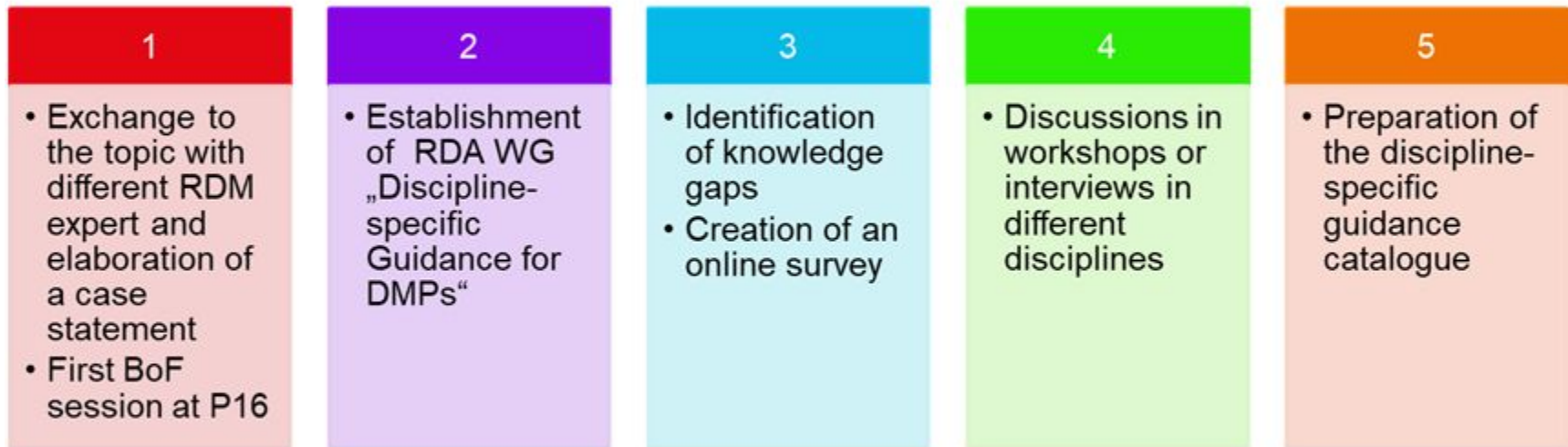
Development of the discipline specific guidelines (6 - 10 months)

M3: Creation of guidance document (10 - 13 months)

M4: Dissemination and adoption of guidance document for test cases (13 - 18 months)

# RDA Discipline-specific Guidance for DMPs WG

## Working Program



M1: Identification of What is Already Known, Knowledge Gaps, Overlaps and Additional Use Cases (0-6 months)

M2: Meeting with discipline-specific experts (6 - 10 months)

Sharing guidelines for evaluation

M3: Drafting of guidance document (10 - 13 months)

M4: Dissemination and adoption of guidance document for test cases (13 - 18 months)



# How to get involved?

- Become a member of the RDA @ <https://www.rd-alliance.org/>
- There are currently 93 Working Groups and Interest Groups
- You can read more about our Discipline-specific Guidance for Data Management Plan WG and join us @ <https://www.rd-alliance.org/groups/discipline-specific-guidance-data-management-plans-wg>



# Questions?

