## Research Data Alliance 14th Plenary

## DMP Training: A New Methodology



### The DMP Common Standard Model

The DMP Common Standard WG created a minimum set of universal terms to ensure basic interoperability of systems using maDMPs.

The model was used as basis to develop the **training methodology** that was implemented in the Ready4BioDataManagement event.

### The Challenge with DMP Creation

**DMP creation** is:

Time-consuming

Requires Experience

Appropriate tools

Specific knowledge

These factors lead to:

**Less motivation** to create DMPs

Lack of general knowledge on what is a DMP

Knowledge being restricted to a limited number of key elements.

# How to solve this?

### Ready4BioDataManagement

Biodata.pt developed and organized the Ready4BioDataManagement training event.

The objective was to bridge the gap between DMP experts and DMP users.



Participants presenting their "DMP Canvas"

Participants were organized in groups, given a mock project, and a written description of the methodology steps.

They were then asked to fill in a "DMP Canvas", using post-its, with all the relevant information.

Finally they were asked to present their "DMP Canvas" and give feedback on their experience.

### Participant Feedback

Usefullness for the understanding of DMPs Attendee Type

**Usefullness for Professional Activities** 



Ready4BioDataManagement

Feedback given by participants indicates that the event and methodology were found to be useful and helped to improve the overall ability to prepare a DMP document.

### **DMP Training Methodology**

The training methodology that we propose is designed to introduce inexperienced users to the topic of DMP creation.

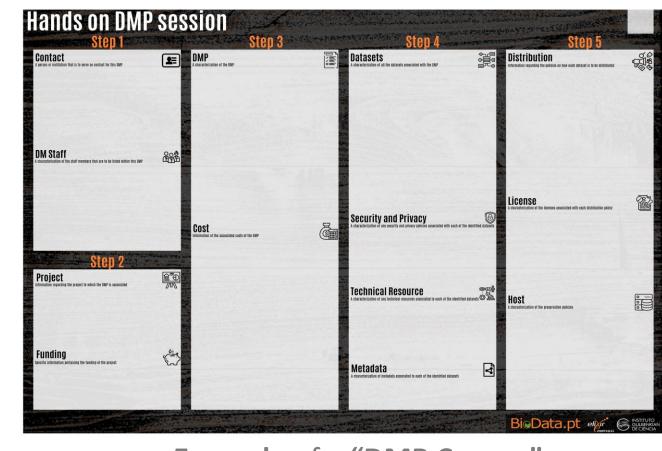
It comprises on a five-step approach to DMP creation, where users should

gather information on five different categories:

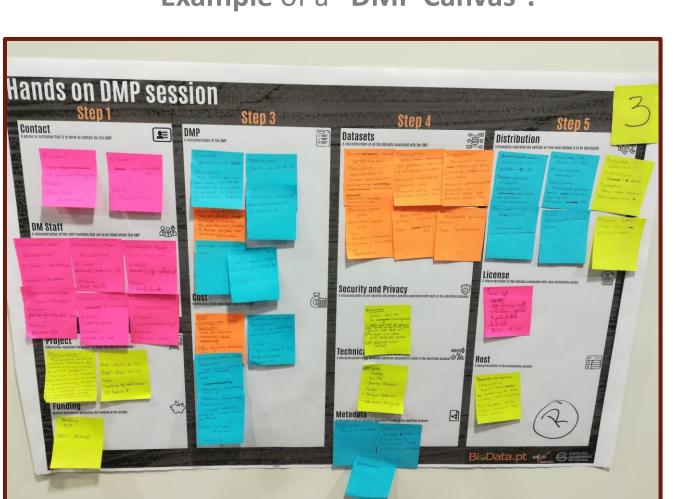
Step 1 **Administrative** Administrative information regarding the project (e.g. people and entities). **Data** Step 2 A summary of the **project** (e.g. the name, duration, purpose, information regarding **Project and** the funding agency, etc.). Funding Step 3 General characterization of the DMP document (e.g. title, version, etc.), as well as all **DMP** associated costs (e.g. preservation costs, maintenance costs, etc.). Characterization Generic characterization of the Datasets that will be created during the project and/or Step 4 after its conclusion (e.g. title, keywords, description, authors, language, metadata **Dataset** Characterization standards, etc.). Step 5 Information on which data will be shared and for how long will it be preserved. As well Preservation

Information gathered by users, should be placed in a "DMP Canvas".

The "DMP Canvas" is inspired in the already established Business Model Canvas.



Example of a "DMP Canvas".



Example of a filled "DMP Canvas"-



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