

## Session Plan

<b>Session Name:</b>	Session 2: Planning for FAIR: Introduction to RDM and DMPs	<b>Duration (synchronous)</b>	2 hours & 30 minutes project work
<b>Level:</b>	Beginner		
<b>Topic:</b>	<ul style="list-style-type: none"> <li>• Why RDM and who should do what?</li> <li>• What is a DMP and how do you create one?</li> <li>• The research data lifecycle and when to create a DMP</li> <li>• Content of a good DMP</li> </ul>		
<b>Summary:</b>	<p>In 'Planning for FAIR: Introduction to RDM and DMPs' learners are introduced to the reasons for managing research data and are prompted to consider who should do what within a research project in terms of Research Data Management (RDM). There is an introduction to what a Data Management Plan (DMP) is and how to create one, followed by an overview of the research data lifecycle and when to create a DMP. This section closes with a discussion on 'Data Management Planning: obstacles and incentives?' What are some of the challenges involved in data management planning? What are some of the benefits?</p> <p>Following the lecture/discussion component of the session, learners are steered towards some more discipline-specific learning through an exercise on some DMP use cases. They are presented with DMPs in various disciplines and guided to consider how the DMP has been structured, what information has been provided, what do they think is good about the DMP?, what they think could be improved? Is there anything they have learnt from reading this DMP that they will plan to carry into their own research? Finally, there is the project work for this section, where learners continue to apply their knowledge to a project that unifies several sub-areas of FAIR research data management.</p> <p>Though learners will take away knowledge that is broadly applicable across the disciplines, there is a focus on discipline specific learning through the presentation of use cases in different domain areas; through the exercises; and by offering discipline-specific choices for project work.</p>		

<b>Learning Outcomes:</b> By the end of this session, learners will be able to	
<b>1.</b>	Define research data management (RDM) and describe its relevance and benefits
<b>2.</b>	Explain why data management planning is a step towards FAIR
<b>3.</b>	Describe what a data management plan (DMP) is
<b>4.</b>	Paraphrase the general areas covered by a DMP

Time/Duration	Topic	Instructional activity	Learner activity	Learner Assessment	Resources
15 Minutes	Introduction	Introduction to the session	Opportunity to reflect on project work	Extent of participation in the opportunity to reflect  Learning Objective (LO): Define research data management (RDM) and describe its relevance and benefits	Slide deck
20 Minutes	Why RDM and who should do what?	Lecture (synchronous)  <i>Video (asynchronous)</i>	Watch and listen  Participate  Ask questions	Extent of participation in Participate  LO: Explain why data management planning is a step towards FAIR	Slide deck  Participate
30 Minutes	What is a DMP and how do you create one?	Lecture (synchronous)  <i>Video</i>	Watch and listen  Ask questions	LO: Paraphrase the general	Slide deck

	The research data lifecycle and when to create a DMP	<i>(asynchronous)</i>		areas covered by a DMP	
5 Minutes	What is a DMP and how do you create one?	Discussion	Discussion: What is the most difficult aspect of Data Management to plan	Discussion	
10 Minutes	BREAK				
10 Minutes	Project work	Project work for Session 2	10 minutes of reflection in breakout groups with 30 mins of project work to be completed afterwards (synchronous and asynchronous)		Project platform
30 Minutes	Content of a good DMP	Presentation of Use Cases and questions/comments (synchronous)  <i>Reading of use cases and comments (asynchronous)</i>	Exercise: discuss how the DMP has been structured, what information has been provided, what do you think is good about the DMP?, what do you think could be improved? Is there anything you have learnt from reading this DMP that you will plan to carry into your own research?	Extent of participation in the exercise  LO: Paraphrase the general areas covered by a DMP	Exercise document
5 Minutes	Session Close	Encouraging reflections,	Quiz	Completion of quiz	Slide deck

		<p>explanation of preparation for next session (synchronous)</p> <p><i>Encouraging reflections, written description of preparation for next session (asynchronous)</i></p>	Take home message	<p>Completion of the reflection</p> <p>LO: Explain why data management planning is a step towards FAIR</p>	
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