Serbia

Institut za nuklearne nauke Vinča

# Alati za pripremu plana upravljanja istraživačkim podacima

Obrad Vučkovac

Institut za nuklearne nauke „Vinča“ – Biblioteka

Univerzitet u Beogradu

Ova prezentacija je rezultat rada na projektu „Boosting EOSC readiness: Creating a scalable model for capacity building in RDM“, koji finansira Evropska unija u okviru projekta H2020-EU.1.4.1.1. EOSC Secretariat br. 831644

# Fond za nauku

Фонд за науку
Републике Србије

PROMIS
*Dissemination of results* (t. 2.2)

IDEJE
*Data usage* (t. 1.2.1)

# Šta je DMP?

Plan upravljanja podacima (eng. *Data Management Plan*, *DMP*) je dokument kojim se opisuju postupci za upravljanje i čuvanje podataka proisteklih sa naučnog projekta.

Image by StartupStockPhotos from Pixabay

# Obaveze i smernice

DMP je postao obavezan kod većine sponzora istraživanja:

- Evropa: 


- SAD: 


- Privatni finansijeri: Wellcome trust, Gates foundation

# Obaveze i smernice

## Smernice i obrasci

- Horizon 2020 DMP template
- Science Europe: *Practical Guide to the International Alignment of Research Data Management* (2018)

# Obaveze i smernice

## Smernice i obrasci

- Horizon 2020 DMP template

- Science Europe: *Practical Guid* *ternational Alignment of Research Data Ma* *gement* (2018)

FAIR principi

# Obaveze i smernice

DMP je „živi dokument“ - može da se menja tokom projekta

„… the DMP is intended to be a **living document** in which information can be made available on a finer level of granularity through updates as the implementation of the project progresses and when significant changes occur. “

*H2020 Online Manual – Open access & Data management*

# DMP alati


DMP
ONLINE


argos

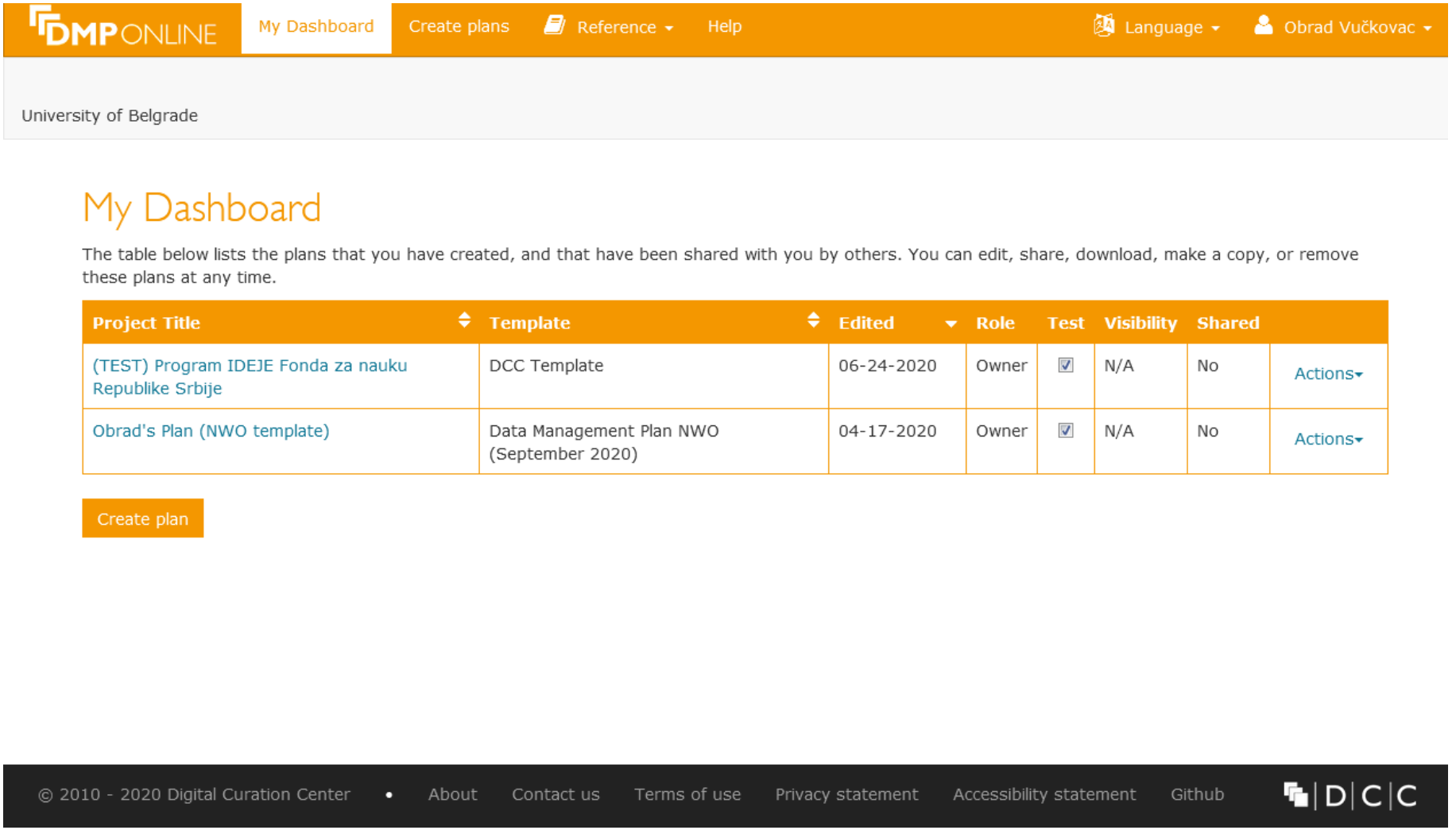

DMPTool
Build your Data Management Plan


DSW

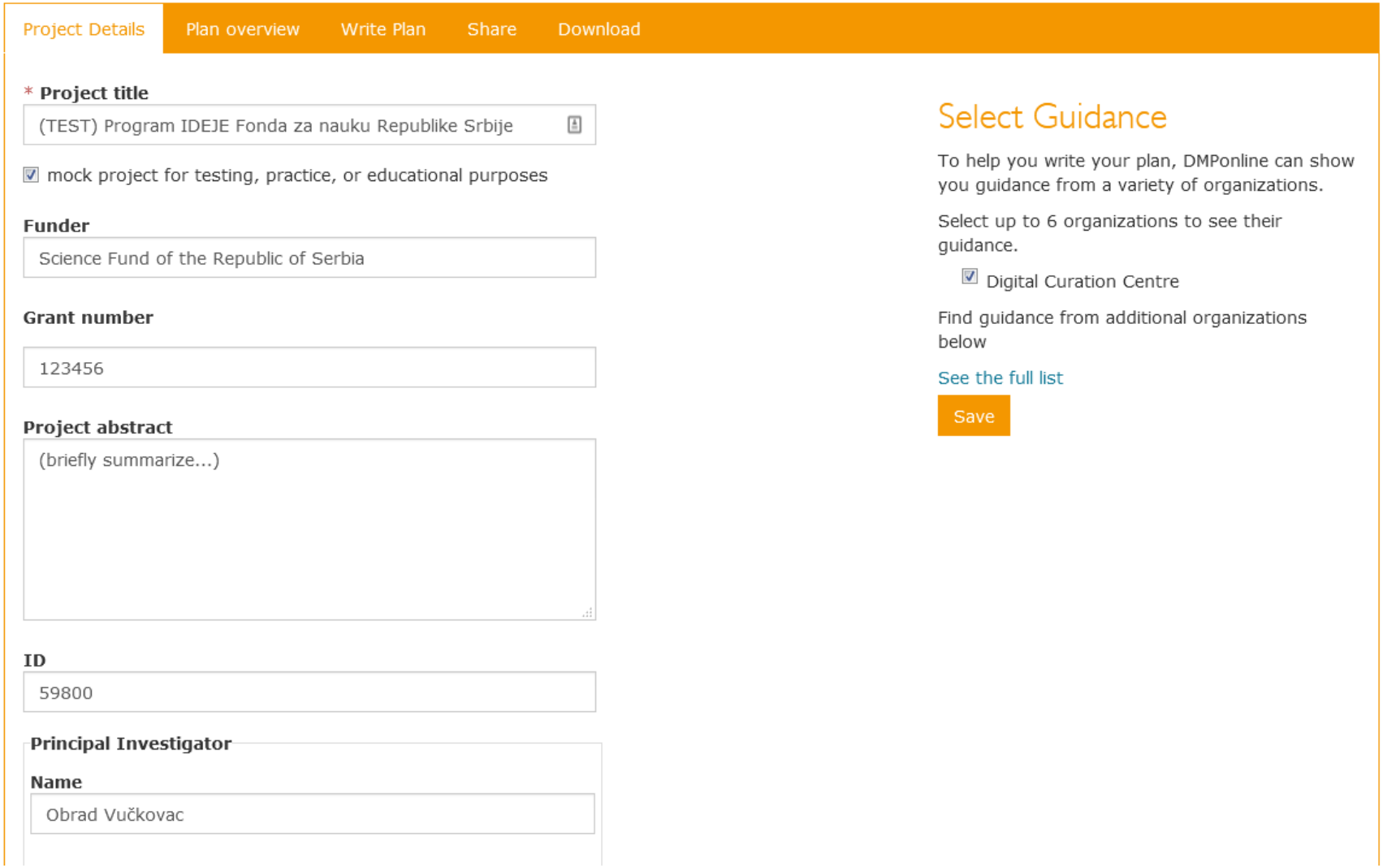
# Primer: DMPOnline


dmponline.dcc.ac.uk

# Primer: DMPOnline (1)



# Primer: DMPOnline (2)



# Primer: DMPOnline (3)

Project Details | Plan overview | Write Plan | Share | Download

## DCC Template

This plan is based on the "DCC Template" template provided by Digital Curation Centre.

The default DCC template

**Template version 0, published on 15 June 2020**

Instructions

Write plan

The DCC default template

Data Collection
- What data will you collect or create?
- How will the data be collected or created?

Documentation and Metadata
- What documentation and metadata will accompany the data?

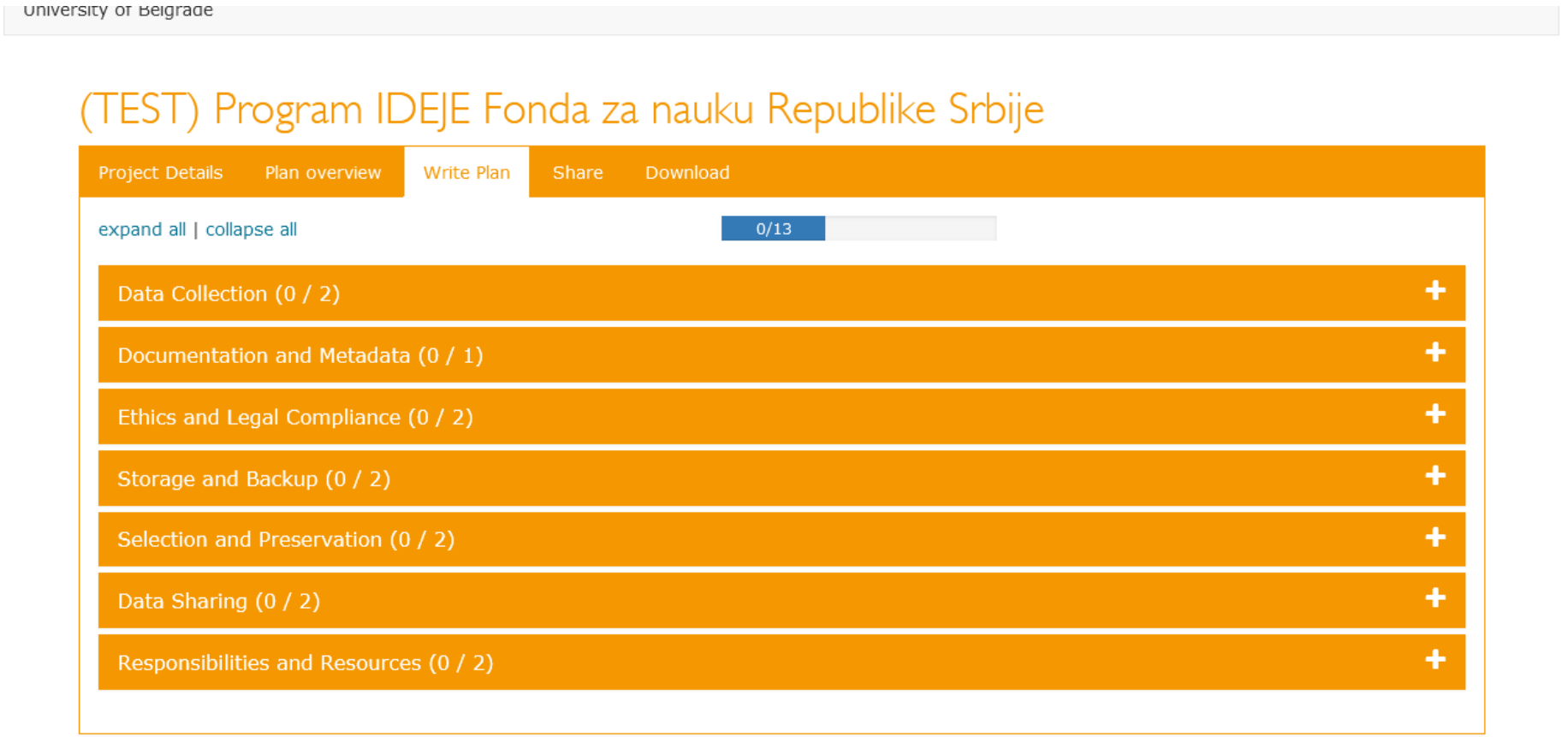
Ethics and Legal Compliance
- How will you manage any ethical issues?
- How will you manage copyright and Intellectual Property Rights (IPR) issues?

Storage and Backup
- How will the data be stored and backed up during the research?
- How will you manage access and security?

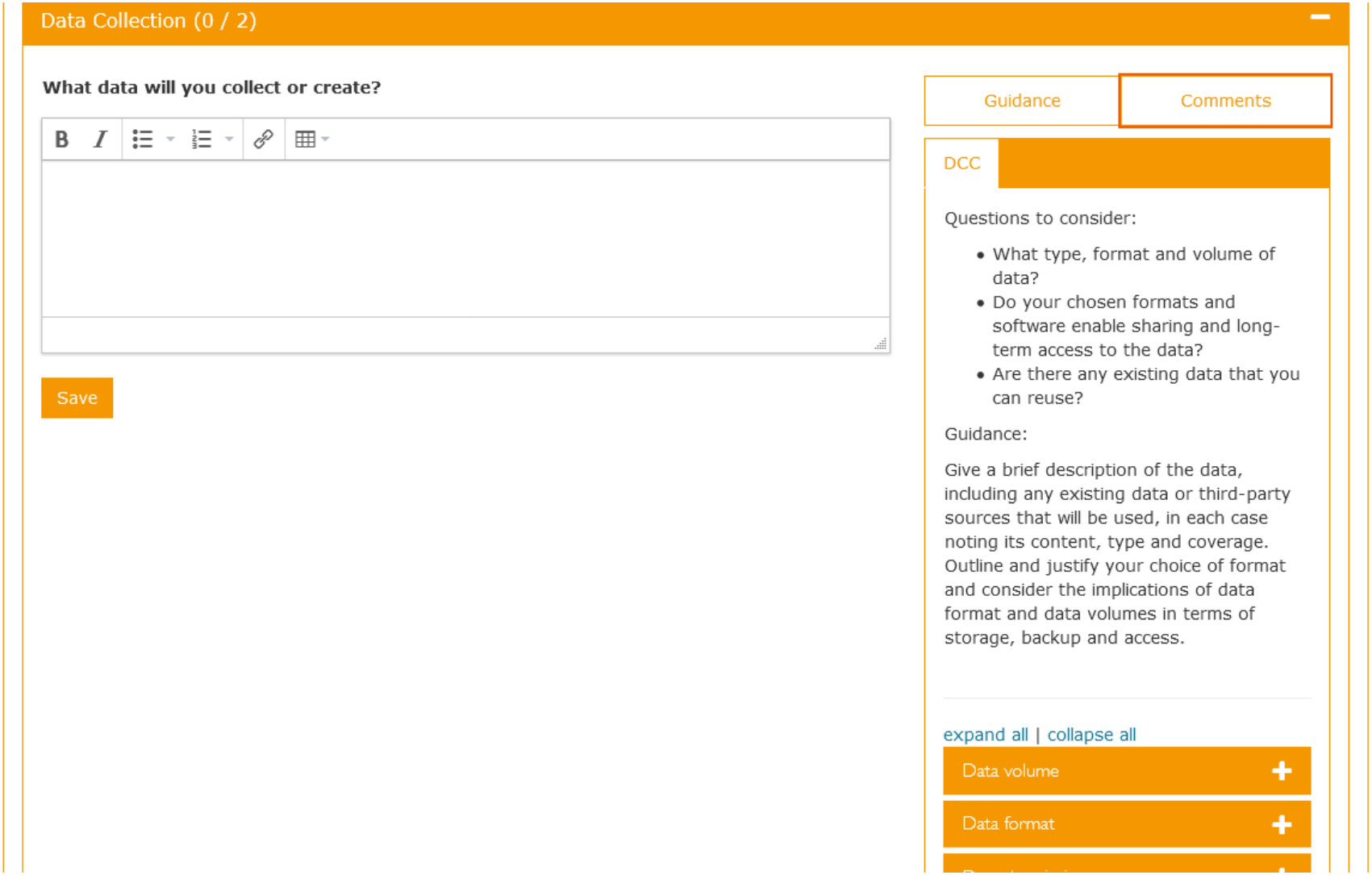
Selection and Preservation
- Which data are of long-term value and should be retained, shared, and/or preserved?
- What is the long-term preservation plan for the dataset?

Data Sharing
- How will you share the data?

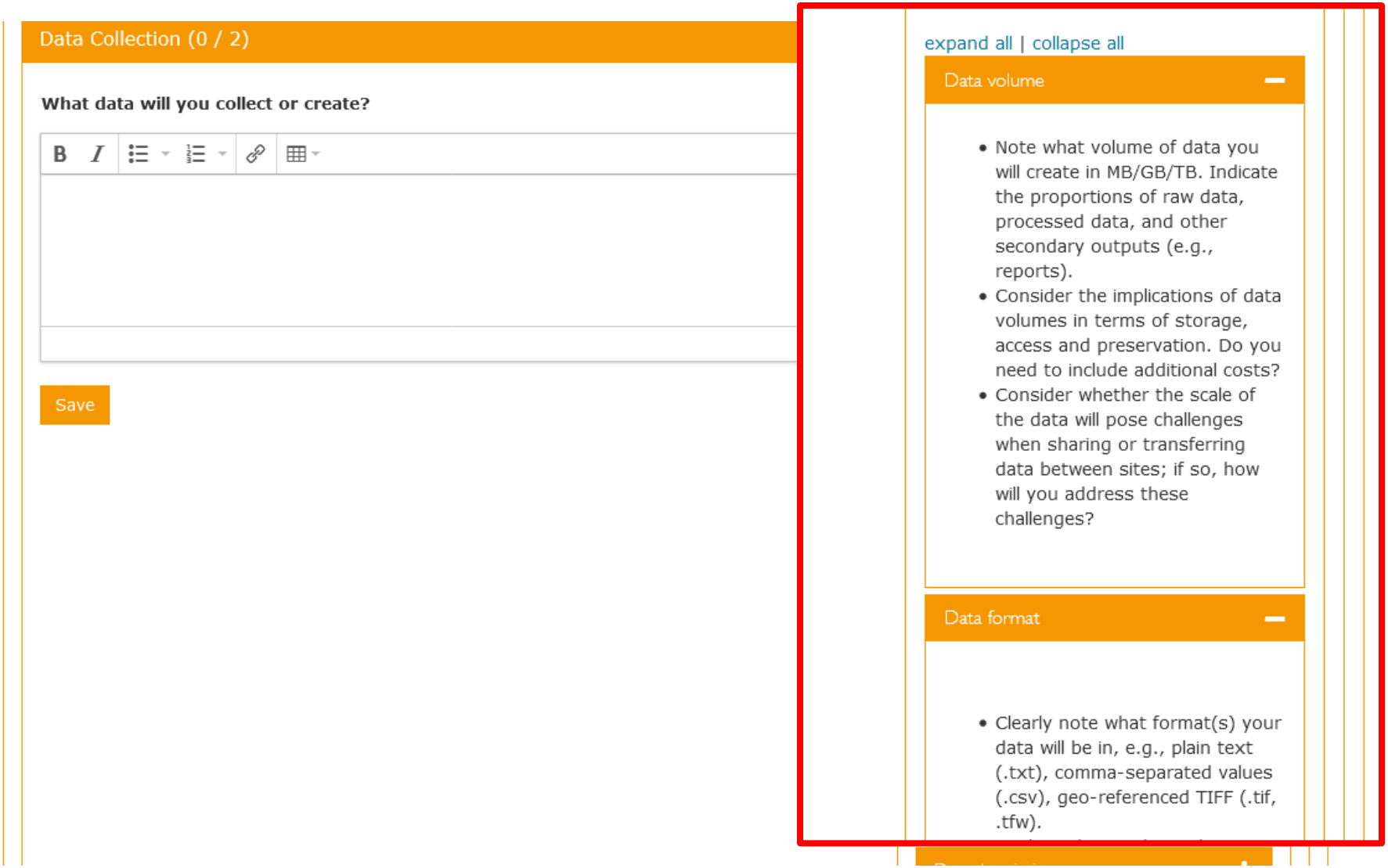
# Primer: DMPOnline (4)



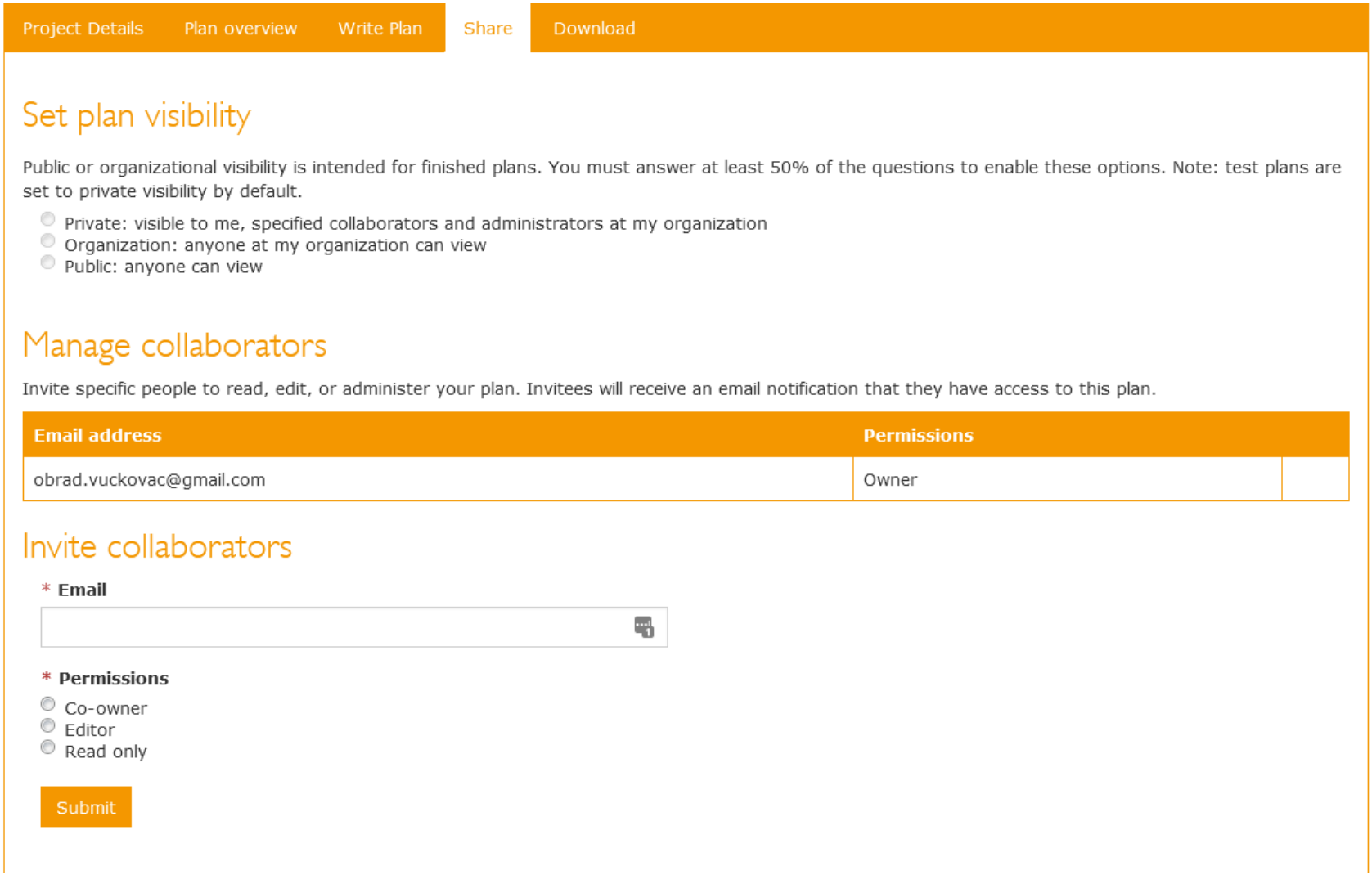
# Primer: DMPOnline (5)



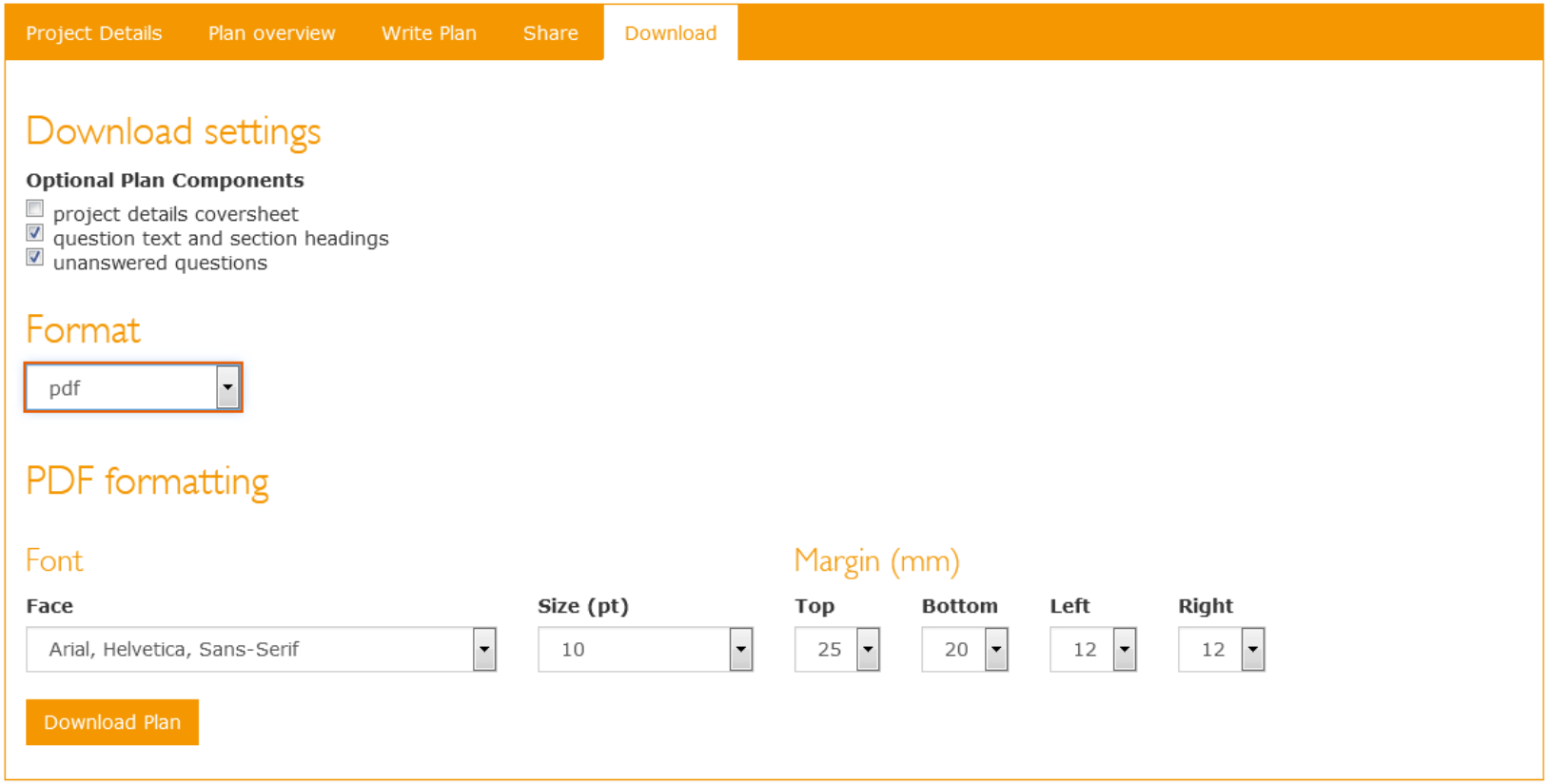
# Primer: DMPOnline (5)



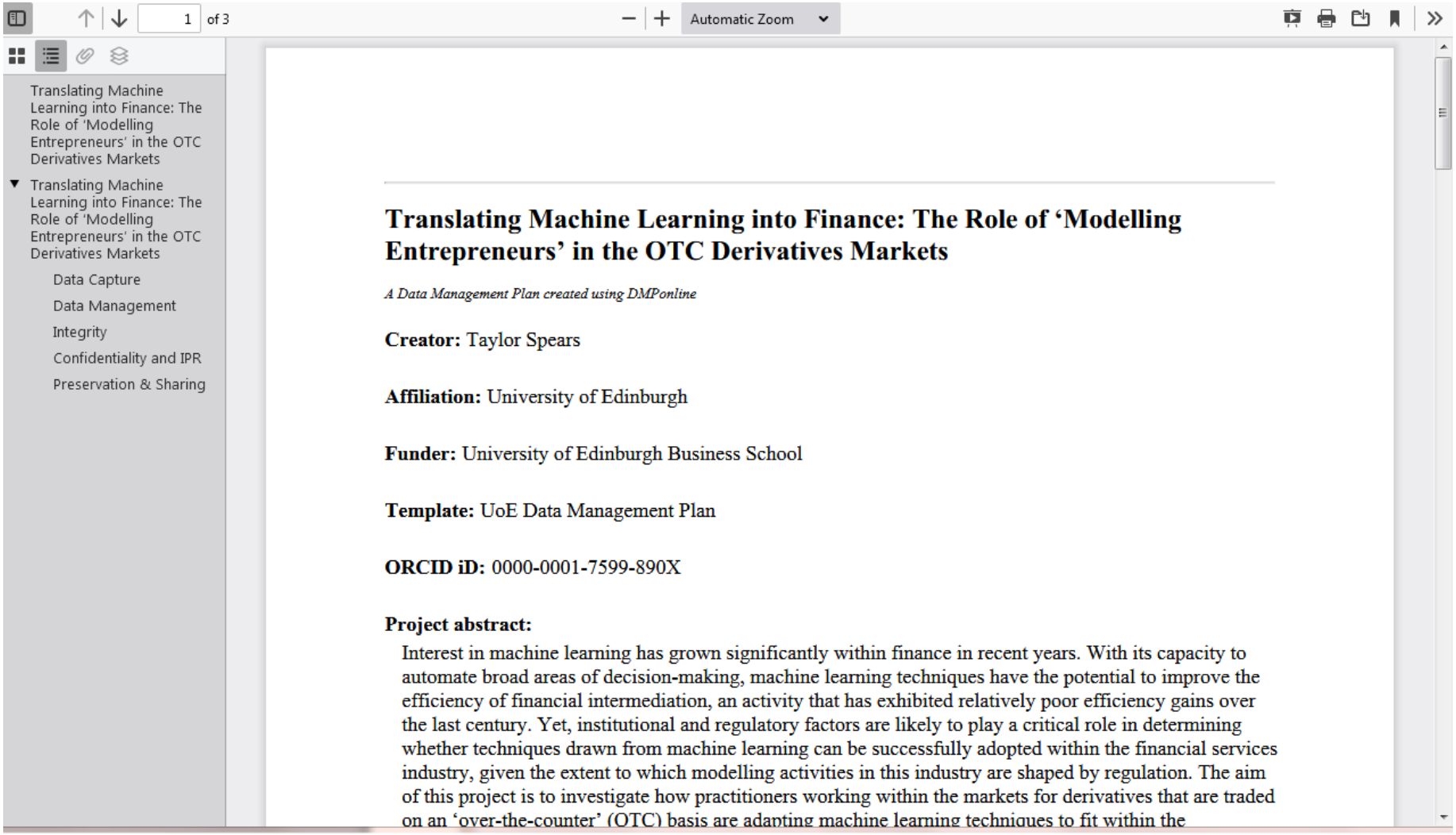
# Primer: DMPOnline (6)



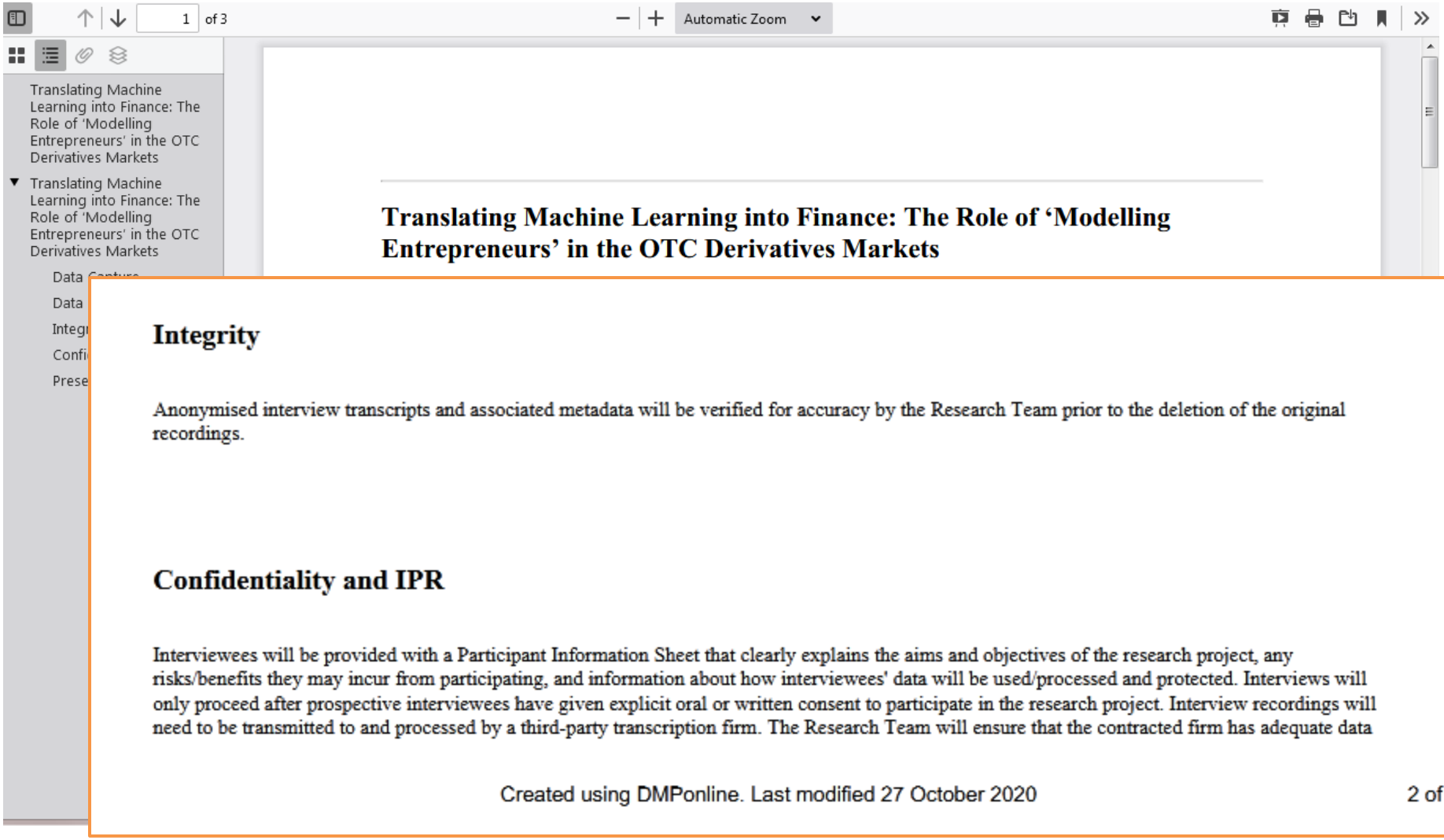
# Primer: DMPOnline (7)



# Primer: DMPOnline (8)



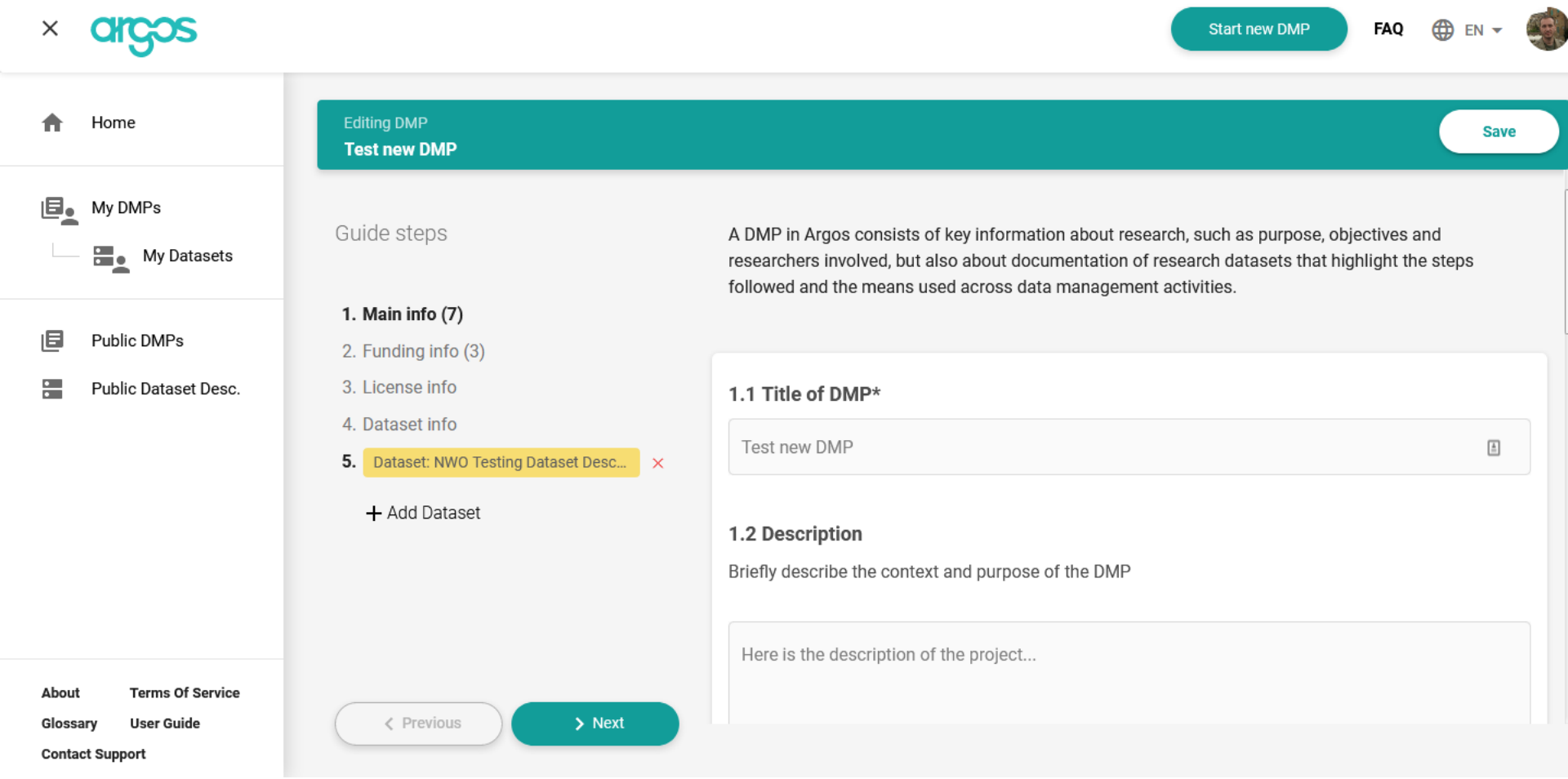
# Primer: DMPOnline (8)



# Nove mogućnosti: Argos


https://argos.openaire.eu/home

# Nove mogućnosti: Argos



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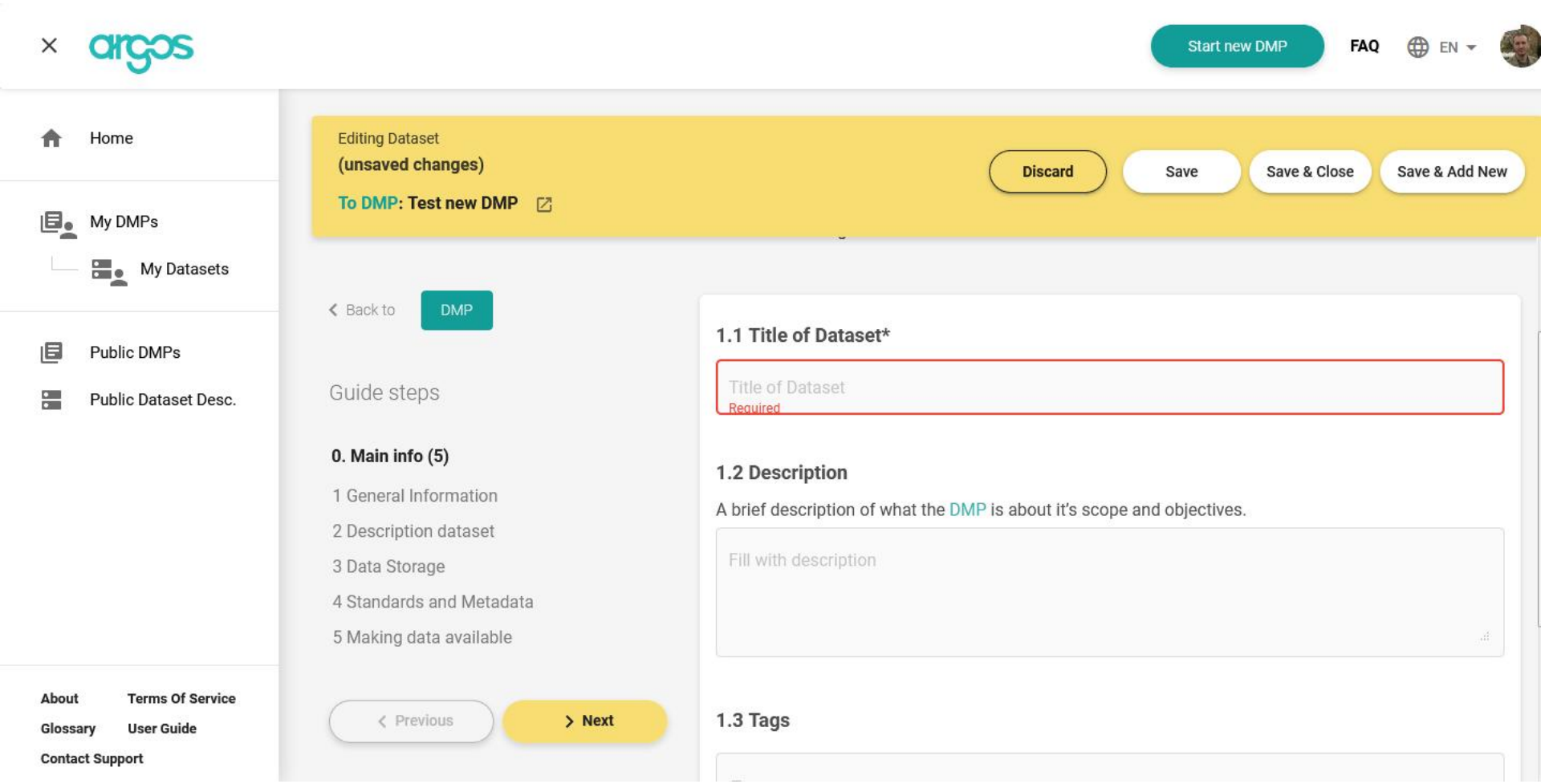

# Nove mogućnosti: Argos

**3.1.2 Is there sufficient storage capacity during the project?**

(•) Yes ( ) No

Please Specify

Provide additional information or justification about your selection

**3.1.3 Will the data be backed up regularly during the project? Who is responsible for this?**

( ) Yes ( ) No

Backup manager

# Nove mogućnosti: Argos

Data **Text (PDF)**

**Title:** NewSiest_DMP

**Template:** Horizon 2020

**External References**

*Data Repositories*

*External Datasets*

*Registries*

*Services*

**Dataset Description**

*1 Data Summary*

1.1 What is the purpose of the data collection/generation and its relation to the objectives of the project?

Purpose of data collection/geenration: To study the optimal nanoparticle (NP) concentration and thermal modification conditions to improve the UV stability of wood surfaces. Data will be useful for academic and scientific readers and also has construction, industrial importance. Relation to objectives of project: The main research objectives of the action are: i) to introduce and optimize envelope treatment of wood with UV protecting nanoparticles ii) to set up the process of heat treatment of wood with nanoparticles in the envelope iii) to evaluate UV and fungal resistance of the novel wood-based material for industrial/commercial application. The collected data will therefore include: i) Experimental procedures and reaction conditions to achieve wood envelope treatment. Data on basic liquid properties of NP dispersion, retention and depth of penetration of the nanomaterial onto wood. ii) the generated data includes standard methodology of thermal modification of wood and data on percent mass loss, mechanical properties, contact angle variations, colour and chemical changes. iii) Data from evaluation of wood against light (UV) and fungal stability where change in wood properties will be accessed by weight loss, colour change, Scanning Electron Microscopy (SEM), and changes in chemical constituents using FTIR spectroscopy.

1.2 What types and formats of data will the project generate/collect?

Types and formats of data generated: 1. Envelope treatment of wood using

# Nove mogućnosti: Argos

Datasets

Title: NewSiest_DMP

Template: Horizon 2020

External References

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Dataset Description

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1.1 What is the purpose of the data co
of the project?

Purpose of data collection/geenratio
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Relation to objectives of project: The main researc
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novel wood-based material for industrial/commerc
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1.2 What types and formats of data will the project generate/collect?

Types and formats of data generated: 1. Envelope treatment of wood using

**JSON**


```
{
  "dmp" : {
    "contact" : {
      "contact_id" : {
        "identifier" : "c22450b2-9999-4896-9ec6-f7c0af5bfa37",
        "type" : "other"
      },
      "mbox" : "obrad.vuckovac@gmail.com",
      "name" : "Obrad Vuckovac"
    },
    "contributor" : [ {
      "contributor_id" : {
        "identifier" : "http://orcid.org/0000-0001-5616-2680",
        "type" : "orcid"
      },
      "name" : "Obrad Vučkovac"
    } ],
    "cost" : [ ],
    "created" : "2020-08-06T18:19:38Z",
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        "type" : "other"
      },
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        "type" : "other"
      },
      "mbox" : "obrad.vuckovac@gmail.com",
      "name" : "Obrad Vuckovac"
```


**XML**


```
<?xml version="1.0" encoding="U
  <description>This action will                    ced Chemical Solution Deposition
and wood-based substrates. This                    oys plasma-chemistry in the gas p
chemistry in the liquid formulation, thus combining all benefits of conventional surface coatin
technologies.
The implementation is divided into three main objectives:
Objective I: Building the integrated device,
Objective II: Optimization of the deposition parameters, and
Objective III: Demonstrating the technique's capability and priming the industrial implementati

These objectives will lead to the generation of data:
(I) on the construction, setup, and ongoing improvements of the device,
(II) on the experimental protocols for film deposition and the properties of the resulting coat
(III) on the effectiveness of the demonstrated applications towards commercialization.

Various kinds and forms of data will be generated throughout the project. No previous works on
  <dmpName>DMP For Grant : Demonstration and implementation of an integrated process for the Pl
  <dmpProfile/>
  <funder>
    <label>European Commission||EC</label>
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  </project>
```

# Reference


- Science Europe (2018) Practical Guide to the International Alignment of Research Data Management. https://www.scienceeurope.org/media/jezkhnoo/se_rdm_practical_guide_final.pdf
- Horizon 2020 Online Manual, https://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-data-management/data-management_en.htm
- Miksa T, Simms S, Mietchen D, Jones S (2019) Ten principles for machine-actionable data management plans. *PLoS Comput Biol* 15(3): e1006750. https://doi.org/10.1371/journal.pcbi.1006750
- Digital Curation Centre. *DMPOnline*. https://dmponline.dcc.ac.uk
- University of California Curation Center. *DMPTool*. https://dmptool.org/
- OpenAIRE. *Argos*. https://argos.openaire.eu/splash/ (OpenAIRE-Advance, Grant agreement ID: 777541)
- Czech Technical University in Prague (ELIXIR-CZ). *Data Stewardship Wizard*. https://ds-wizard.org/

# Hvala na pažnji

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