Plan Overview

A Data Management Plan created using DMPonline

Title: Setting Up green eNergy Research In SErbia (SUNRISE)

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Project abstract:

The EU aims to reduce greenhouse gas emissions and be climate-neutral by 2050. Serbia has also adopted the Clean Energy for all Europeans package and agreed to a decarbonization roadmap. The transition to net-zero greenhouse gas emissions includes the decarbonization of the power sector. However, up to date, the majority of the energy in Serbia is fossil-fueled, with very little or no progress towards energy decarbonization. Moreover, pollution in Serbia is reaching alarming numbers, placing it as one of the leading countries in Europe related to bad air quality and pollution. Nonetheless, research capacity in the power system decarbonization domain at UB, as well as other actors in Serbia and the region, are undeveloped and insufficient for competitive R & I. Therefore, SUNRISE aims to support the Power System Department (the University of Belgrade – School of Electrical Engineering) in improving excellence capacity in the field of Power system decarbonization. Research excellence will be promoted in three
dimensions by improving research infrastructure through the development of Real-Time Simulation Laboratory for power system simulation, upskilling research staff through training and mobility, the development of new approaches in exploratory research projects with partners. Furthermore, as network and collaboration between UB and other research institutions in the EU is modest or non-existent, as well as low linkages between UB and industry, the special focus in SUNRISE will be given to mobility and networking activities. One more SUNRISE objective is to improve the research management and administrative skills of the staff at UB, to enhance funding attraction and participation in international research projects. SUNRISE partners have a long experience and high scientific impact in the power system decarbonization field, and they can support UB to improve scientific performance and research profile, as well as participation success in HE.

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Copyright information:

Setting Up green eNergy Research In SErbia (SUNRISE) - Initial DMP

1. Data summary

Provide a summary of the data addressing the following issues:

- **State the purpose of the data collection/generation**
- **Explain the relation to the objectives of the project**
- **Specify the types and formats of data generated/collected**
- **Specify if existing data is being re-used (if any)**
- **Specify the origin of the data**
- **State the expected size of the data (if known)**
- **Outline the data utility: to whom will it be useful**

2. FAIR data

2.1 Making data findable, including provisions for metadata:

- **Outline the discoverability of data (metadata provision)**
- **Outline the identifiability of data and refer to standard identification mechanism. Do you make use of persistent and unique identifiers such as Digital Object Identifiers?**
- **Outline naming conventions used**
- **Outline the approach towards search keyword**
- **Outline the approach for clear versioning**
- **Specify standards for metadata creation (if any). If there are no standards in your discipline describe what metadata will be created and how**

2.2 Making data openly accessible:

- **Specify which data will be made openly available? If some data is kept closed provide rationale for doing so**
- **Specify how the data will be made available**
- **Specify what methods or software tools are needed to access the data? Is documentation about the software needed to access the data included? Is it possible to include the relevant software (e.g. in open source code)?**
- **Specify where the data and associated metadata, documentation and code are deposited**
- **Specify how access will be provided in case there are any restrictions**

2.3 Making data interoperable:

- **Assess the interoperability of your data. Specify what data and metadata vocabularies, standards or methodologies you will follow to facilitate interoperability.**
- **Specify whether you will be using standard vocabulary for all data types present in your data set, to allow inter-disciplinary interoperability? If not, will you provide mapping to more commonly used ontologies?**

2.4 Increase data re-use (through clarifying licenses):

- **Specify how the data will be licenced to permit the widest reuse possible**
- **Specify when the data will be made available for re-use. If applicable, specify why and for what period a data embargo is needed**
- **Specify whether the data produced and/or used in the project is useable by third parties, in particular after the end of the project? If the re-use of some data is restricted, explain why**
- **Describe data quality assurance processes**
- **Specify the length of time for which the data will remain re-usable**

3. Allocation of resources

Explain the allocation of resources, addressing the following issues:

- **Estimate the costs for making your data FAIR. Describe how you intend to cover these costs**
- **Clearly identify responsibilities for data management in your project**
- **Describe costs and potential value of long term preservation**

4. Data security

Address data recovery as well as secure storage and transfer of sensitive data

5. Ethical aspects

To be covered in the context of the ethics review, ethics section of DoA and ethics deliverables. Include references and related technical aspects if not covered by the former

This project will not lead to the creation of any personal data and therefore this question does not apply.

6. Other

Refer to other national/funder/sectorial/departmental procedures for data management that you are using (if any)

Question not answered.