



BIG DATA VALUE
eCOSYSTEM

D1.10

Research Data Management Plan

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Definitions, Acronyms and Abbreviations

Acronym	Title
BDVe	Big Data Value Ecosystem
BDVA	Big Data Value Association
BDV PPP	Set of PPP projects supported by BDVe
DMP	Data Management Policy
FAIR	Findable, accessible, interoperable and re-usable
ORD	Open Research Data
Research Data	The data needed to validate the results presented in scientific publications

Table 1: Definitions, Acronyms and Abbreviations

Executive Summary

The report outlines the data management policy that will be used by the Consortium with regard to all the datasets. However, during the negotiation phase, taking into account the mission of BDVe *-to support the Big Data Value PPP in realizing a vibrant data-driven EU economy or said in other words, BDVe will support the implementation of the PPP to be a SUCCESS-* it has been agreed that the Reference to Data Management Plan has been removed [**opt out**]; however, a deliverable has still been kept to ensure that the topic is addressed adequately if needed.

This very short deliverable describes the monitoring process in place in BDVe to assess a potential need.

1. Introduction

The Data Management Plan aims at identifying the main research data, generated or processed within the project that could be subject to possible restrictions. As defined in the EC Guidelines on FAIR Data Management in H2020 [2]:

Data Management Plans (DMPs) are a key element of good data management. A DMP describes the data management life cycle for the data to be collected, processed and/or generated by a Horizon 2020 project. As part of making research data findable, accessible, interoperable and re-usable (FAIR), a DMP should include information on:

- *the handling of research data during and after the end of the project*
- *what data will be collected, processed and/or generated*
- *which methodology and standards will be applied*
- *whether data will be shared/made open access and*
- *how data will be curated and preserved (including after the end of the project).*

A DMP is required for all projects participating in the extended ORD pilot, unless they opt out of the ORD pilot. However, projects that opt out are still encouraged to submit a DMP on a voluntary basis.

During the negotiation phase, taking into account the mission of BDVe -to support the Big Data Value PPP in realizing a vibrant data-driven EU economy or said in other words, BDVe will support the implementation of the PPP to be a SUCCESS- it has been agreed that the Reference to Data Management Plan has been removed **[opt out]**; however, a deliverable has still been kept to ensure that the topic is addressed adequately if needed. This is described in p126 of the Grant Agreement number: 732630 — BDVe [1]. We underline that Research data are primarily intended as the data needed to validate the results presented in scientific publications.

This very short deliverable describes the aims of BDVe and its communication strategy, complemented by the monitoring process in place in BDVe to assess a potential need to amend this document and eventually [opt in] back. In case of **[opt in]**, the BDVe project will discuss with the commission on how to make its best effort to implement the best practices explained in [3] and [4] with respect to open access to research data and eventual associated cost.

2. Availability of BDVe project results

As a communication and support action with the mission *to support the Big Data Value PPP in realizing a vibrant data-driven EU economy*, the added value of the BDVe activities largely resides in the largest diffusion of information and knowledge to the European Big Data ecosystem. BDVe aims to raise the awareness and promote the exploitation of European data, framework and skills, notably:

- the exploitation of Open Data provided by European organisations (e.g. European Open Data Portal, ESA data, National and local government data sources),
- the knowledge about European Big Data solutions including commercial frameworks and products on the market, but also promising outcomes of research and innovation activities (including the promotion of technologies and solutions developed along the PPP lifecycle)
- the effort to work on the alignment and coordination between the different EU Member States and between them and the EU strategy,
- the promotion of lighthouse projects (large scale pilots) and innovation and experimentation ecosystems,
- the development of training programs aligned with Industry needs and the promotion of skills exchanges.

Consequently, sharing the information is at the essence of the BDVe success: this includes dissemination in Internet or by means of people, workshops and forums: 100% of the deliverables are Public (except management reports).

3. Monitoring process for potential [opt in]

Once a year during a BDVe Consortium PCC meeting, the Consortium will check whether no significant changes have arisen that may contradict the goal of the Open Research Data Pilot and the [opt out] decision. These goals consist to improve and maximise access to and re-use of research data generated by Horizon 2020 projects and to take into account the need to balance openness and protection of scientific information, commercialisation and Intellectual Property Rights (IPR), privacy concerns, security as well as data management and preservation questions.

The updates of this deliverable will be automatic (but not limited to) in the event of:

- changes in the consortium policies,
- grant amendment implying the management of new research data,
- and changes in consortium composition.

If needed this deliverable will be amended.

4. BDV Meeting held in Galway on May, 17th 2017

The Data Management Plan and related deliverable content was put at the agenda of the BDV Meeting in Galway during the WP1 Management update. We discussed about the data manipulated by each work package and task. The collaboration platform used daily across Work Packages is SAP JAM platform [5] which is hosted in Europe and benefits from the security and compliance level of the SAP Cloud. No BDVe specific Research Data has been identified as we assume that every BDV PPP project is responsible to develop or to opt out for its own DMP in conformance with its own grant agreement.

5. Conclusion

The BDVe consortium agreed that the data currently managed by the project (no Research Data has been identified) does not imply to [opt in] back.

References

- [1] Grant Agreement number: 732630 — BDVe — H2020-ICT-2016-2017/H2020-ICT-2016-1
- [2] EC Guidelines on FAIR Data Management in H2020 – Version 3 – July 2016
http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-data-mgt_en.pdf
- [3] What is the Open Research Data Pilot? <https://www.openaire.eu/opendatapilot>
- [4] How to Develop a Data Management and Sharing Plan:
<http://www.dcc.ac.uk/resources/how-guides/develop-data-plan>
- [5] SAP JAM Product - <https://www.sap.com/products/enterprise-social-collaboration.html>