

= iSTORMY =

EUROPEAN COMMISSION

HORIZON 2020 PROGRAMME – TOPIC: Hybridisation of battery systems for stationary energy storage

Interoperable, modular and Smart hybrid energy STORage system for stationary applications

GRANT AGREEMENT No. 963527



Deliverable Report

D7.3 – Data Management Plan

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Publishable summary

iSTORMY is participating in the Horizon 2020 Pilot on Open Research Data (ORD) and therefore is required to submit a Data Management Plan in Month 6 of the project. The ORD pilot aims to improve and maximize access to and re-use of research data generated by Horizon 2020 projects and takes 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.

Within the iSTORMY project, a vast amount of data will be generated and collected across all work packages and activities. The purpose of the data collection within iSTORMY is to design, model, test and validate a sustainable, low costs and safe technology. In particular, data will be generated from testing battery cells in WP2, from the power electronics interface modelling and testing in WP3, from the self-healing EMS development in WP4, from the prototype demonstration in WP5 and from the business models in WP6.

In order to validate the approach and methodology of the project, the iSTORMY outputs will be produced in an open innovation process and the intention is for as much data as possible to be publicly available.

This plan outlines the data that will be collected and generated during the project, how it will be stored and managed and the measures taken to ensure it will be discoverable, accessible, assessable, intelligible, usable and interoperable. It also describes the relevant data security and ethical aspects. It is based on the template provided by the European Commission and will be updated and re-issued at intervals throughout the duration of the project as more information on the details of the data and its management become available to make sure that it remains current and relevant.

Acknowledgement

The author(s) would like to thank the partners in the project for their valuable comments on previous drafts and for performing the review.

Project partners:

#	Partner short name	Partner Full Name
1	VUB	VRIJE UNIVERSITEIT BRUSSEL
2	PWD	POWERDALE
3	CEG	CEGASA ENERGIA S.L.U.
4	CEA	COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
5	MGEP	MONDRAGON GOI ESKOLA POLITEKNIKOA JOSE MARIA ARIZMENDIARRIETA S COOP
6	ZIG	ZIGOR RESEARCH & DEVELOPMENT AIE
7	EDF	ELECTRICITE DE FRANCE
8	TNO	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO
9	PT	PRODRIVE TECHNOLOGIES BV
10	GW	GREENWAY INFRASTRUCTURE SRO
11	AIT	AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH
12	UNR	UNIRESEARCH BV



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Appendix A – Quality Assurance Review Form

The following questions should be answered by all reviewers (WP Leader, reviewer, Project Coordinator) as part of the Quality Assurance procedure. Questions answered with NO should be motivated. The deliverable author will update the draft based on the comments. When all reviewers have answered all questions with YES, only then can the Deliverable be submitted to the EC.

NOTE: This Quality Assurance form will be removed from Deliverables with dissemination level “Public” before publication.

Question	WP Leader	Reviewer	Project Coordinator
	NAME (Organisation)	NAME (Organisation)	NAME (Organisation)
1. Do you accept this Deliverable as it is?	Yes / No (elaborate)	Yes / No (elaborate)	Yes / No (elaborate)
2. Is the Deliverable complete? - All required chapters? - Use of relevant templates?	Yes / No (elaborate)	Yes / No (elaborate)	Yes / No (elaborate)
3. Does the Deliverable correspond to the DoA? - All relevant actions performed and reported?	Yes / No (elaborate)	Yes / No (elaborate)	Yes / No (elaborate)
4. Is the Deliverable in line with the iSTORMY objectives? - WP objectives - Task Objectives	Yes / No (elaborate)	Yes / No (elaborate)	Yes / No (elaborate)
5. Is the technical quality sufficient? - Inputs and assumptions correct/clear? - Data, calculations, and motivations correct/clear? - Outputs and conclusions correct/clear?	Yes / No (elaborate)	Yes / No (elaborate)	Yes / No (elaborate)
6. Is created and potential IP identified and are protection measures in place?	Yes / No (elaborate)	Yes / No (elaborate)	Yes / No (elaborate)
7. Is the Risk Procedure followed and reported?	Yes / No (elaborate)	Yes / No (elaborate)	Yes / No (elaborate)
8. Is the reporting quality sufficient? - Clear language - Clear argumentation - Consistency - Structure	Yes / No (elaborate)	Yes / No (elaborate)	Yes / No (elaborate)