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Project Full Title: Social-industrial collaborative environments integrating AI, Big

Data and Robotics for smart manufacturing





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DELIVERABLE

D1.2 – Data Management Plan

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Executive Summary

This document outlines the data management methodology to be utilized in the CONVERGING project. The methodology aims to ensure the proper handling of data collected and generated during the project's activities throughout its lifecycle. The DMP also identifies the steps needed to make data Findable, Accessible, Interoperable and Re-usable, properties commonly abbreviated as FAIR. Also, the document outlines security measures, and addresses ethical considerations surrounding data collection/generation. The DMP is a constantly evolving document within the CONVERGING project and will be updated as necessary throughout the project's progression, taking into account its advancements and results. The DMP will be reviewed and revised before each project management report and any updates will be reflected in these reports.

If needed updates will take place ad-hoc to ensure the accuracy and comprehensiveness of the DMP before the project's completion. These updates will be included in the project management reports. This deliverable is submitted in M06 of the project and is based on the most recent information available at the time of delivery.

The DMP is structured in the following sections:

- Section Error! Reference source not found. provides introductory information about the DMP, the context in which it has been elaborated as well as about its objectives and structure.
- Section Error! Reference source not found. presents a summary of the data to be
 collected or/and generated during the activities of CONVERGING including the
 purpose of its collection/generation as well as its types and formats. Additionally, it
 outlines its origin, expected volume and the stakeholders that may find it useful.
- Section **Error! Reference source not found.** describes the methodology that is applied in the framework of CONVERGING in order to safeguard the effective management of data across their entire lifecycle, making it FAIR.
- Chapter Error! Reference source not found. estimates the resources required for making the project's data FAIR, while also identifying data management responsibilities.
- Chapter Error! Reference source not found. outlines the data security strategy
 applied within the context of CONVERGING along with the respective secure storage
 solutions employed.
- Chapter Error! Reference source not found. addresses ethical aspects as well as other relevant considerations pertaining to the data collected/generated during the implementation of the project.
- Chapter **Error! Reference source not found.** concludes on the next steps foreseen in the framework of the project with respect to its data management plan.