



DELIVERABLE 7.5

DATA MANAGEMENT PLAN

30 March 2022



Summary Sheet

Deliverable Number	D7.5
Deliverable Name	Data Management Plan
Full Project Title	SESA – Smart Energy Solutions for Africa
Responsible Author(s)	Oliver Lah, Edmund Teko (TUB)
Contributing Partner(s)	ICLEI ES, BTH, F6S IE, ICLEI AS, TUB, SIN, Siemens, CENEX NL, TECNALIA, DTU
Peer Review	ICLEI ES, BTH, F6S IE, ICLEI AS, TUB, SIN, Siemens, CENEX NL, TECNALIA, DTU
Contractual Delivery Date	31-03-2022
Actual Delivery Date	30-03-2022
Status	Final Version
Dissemination level	Confidential, only for members of the consortium (including the Commission Services)
Version	V1.0
No. of Pages	22
WP/Task related to the deliverable	WP 7 / T 7.3
WP/Task responsible	TUB
Document ID	SESA_D7.5_ Data Management Plan
Abstract	This document summarizes the Data Management Plan for SESA, including procedures and standards for handling data produced and collected by the project team, as well as ownership rights.

Legal Disclaimer

SESA (Grant Agreement No 101037141) is an Innovation Action project funded by the EU Framework Programme Horizon 2020. This document contains information about SESA core activities, findings, and outcomes. The content of this publication is the sole responsibility of the SESA consortium and cannot be considered to reflect the views of the European Commission.

Table of contents

<i>Table of contents</i>	3
<i>List of tables</i>	3
<i>List of Abbreviations</i>	4
1. Introduction	4
1.1 About SESA - Smart Energy Solution for Africa	4
2. Data Summary	5
2.1 Background and purpose of the Data Management Plan	5
2.2 Data set description	5
2.3 Methods of data collected	7
2.4 Formats	7
2.5 Standards and metadata	7
2.6 Data sharing	16
2.6.1. Open access to research data	16
2.6.2. Specifics to anonymity	16
2.7. Archiving and preservation	16
2.7.1. Data storage	16
2.7.2. Data preservation	17
3. FAIR data	17
3.1. Making data findable, including provisions for metadata	17
3.2. Making data openly accessible	18
3.3. Making data interoperable	18
3.4. Increase data re-use (through clarifying licenses)	18
4. Allocation of resources	19
5. Data security	19
6. Ethical aspects	19
<i>Annex 1: Informed Consent form</i>	20

List of tables

Table 1 Datasets	5
Table 2 Details on datasets	8
Table 3 Metadata of project deliverables.....	17

List of Abbreviations

CSV	Comma-Separated Values file
DOC	Document file (a default file format used by Microsoft for word processing)
DOCX	Document file with XML Format. Extensible Markup Language (XML) is a simple text-based format for representing structured information
DMP	Data Management Plan
DS	Dataset
EDPO	Ethics and Data Protection Officer
EU	European Union
FAIR	findable, accessible, interoperable, re-usable
GDPR	General Data Protection Regulation
H2020	Horizon 2020
ID	Identification
JPG (JPEG)	Joint Photographic Experts Group (for digital image files)
MP3, MP4	Motion Picture
ODT	OpenDocument Text Document file
PDF	Portable Document Format
PNG	Portable Network Graphics (for image files with lossless compression)
SESA	Smart Energy Solutions Africa
WP	Work Package
XLS	Excel Spreadsheet File
XLSX	Excel Spreadsheet File with XML Format

1. Introduction

This document (deliverable D7.5) describes the SESA project Data Management Plan (DMP), which outlines how data will be handled during the project lifetime. The data collection, sharing and storing process is described in this document, following a methodology aligned with the H2020 guidelines on data management. The document describes how collected data will be managed in the demonstration projects. Data security and personal data protection security are outlined in this deliverable. The deliverable also touches on how data generated in this project will comply with the FAIR approach (findable, accessible, interoperable, re-usable). In addition to this deliverable, more details on the data gathering will be included in other relevant documents to be prepared by the project.

1.1 About SESA - Smart Energy Solution for Africa

Smart Energy Solution for Africa (SESA) is a collaborative project between the European Union and nine African countries (Ghana, Kenya, Malawi, Morocco, Namibia, Nigeria, Rwanda, South Africa and Tanzania) that aims at providing energy access technologies and related business models to generate local opportunities for economic development and social cohesion in Africa while mitigating the environmental impact of energy production. Through several local living labs, SESA is expected to facilitate the co-development of easily scalable and replicable energy access innovations, to be tested, validated, and later replicated throughout the African continent. These solutions will include decentralised renewables (solar