BIG4LIFE
BUILDING-INTEGRATED GREENERY

D1.2
Project Management Plan

Project Acronym: LIFE22-ENV-ES-BIG4LIFE

Project name: Building-Integrated Greenery (BIG): Collaborative xeriscaping-based maintenance and monitoring in Mediterranean cities (project number: 101114024)

Call ID: LIFE-2022-SAP-ENV

Work Package: WP1. Management, coordination and quality

Task Number: T.1.1 Technical, financial and administrative coordination (M1-M36)

Lead beneficiary: University of Lleida

Contributing beneficiary(ies): All project partners

The BIG4LIFE project has received funding from the LIFE Programme of the European Union

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Plan Overview

A Data Management Plan created using CORA.eiNa DMP

Title: BIG4LIFE (Building-integrated Greenery): Collaborative xeriscaping-based maintenance and monitoring in Mediterranean cities

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DMP ID: 3350

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Project abstract

The BIG4LIFE project aims to achieve the co-design of framework plans for co-maintenance, co-monitoring and co-evaluation of impacts, of Building-Integrated Greenery (BIG) systems, i.e. green roofs and facades, under the demanding conditions of the Mediterranean climate. For this scope, the BIG4LIFE project will demonstrate that by applying xeriscaping and networking approaches, supported by the suitable smart solutions, not only the long-term viability of BIG systems is

feasible, but also their positive service life, in terms of ecosystem services provided, is possible to be enhanced. Co-designed with key stakeholders, and following a “by building typology approach”, the elaborated plans will be tested and validated in real BIG projects under operational phase, both failed and successful ones. The aim is to demonstrate that by means of establishing “networking approaches” through involving owners, users, maintenance companies, among other, as well as also taking advantage of the Community Service Learning methodologies, it is possible to achieve long-term sustainability for BIG systems. Moreover, by assessing and enhancing their positive service life, it is possible to calculate their cost-effectiveness and feasibility to be subsequently incorporated in the local and national policies and standards. By promoting the re-naturalization of the built environment through sustainable construction systems, the BIG4LIFE project aims to promote the building sector’s transition towards a more sustainable, circular, toxic-free, energy-efficient and climate-resilient model, in addition considering the restoration and improvement of life quality. As a result, the BIG4LIFE project will contribute to the New European Bauhaus initiative through the reduction of environmental impacts of new and refurbished buildings, the creation of circular value chains to boost urban economies whilst producing urban and territorial regeneration, as well as enhancing citizen’s well-being and supporting biodiversity in the urban environment.

Start date: 01/09/2023

End date: 31/08/2026

DMP License:

1. Data Summary

1A. State the purpose of the data collection/generation and its relation to the objectives of the project

The general objective of the BIG4LIFE project is to demonstrate that through the application of appropriate collaborative strategies for the management, maintenance and impact's monitoring & evaluation of Building-Integrated Greenery systems (BIG) i.e. green roofs and green walls/facades, it is possible to guarantee the positive service life in terms of long-term sustainability and the optimal and continuous provision of its ecosystem services, with special emphasis on the Mediterranean climate.

The BIG4LIFE project will contribute to the achievement of the established goals in European policies for the built environment, specifically to the New European Bauhaus (NEB), which connects living spaces with the Green Deal strategy. NEB calls for the reduction of environmental impacts of new and refurbished buildings throughout their service life, and will contribute to the creation of circular value chains to boost urban economies whilst producing urban and territorial regeneration. NEB will also contribute to citizen's well-being improvement, to the biodiversity support within the urban environment, while providing several benefits at building and at city scales.

In order to achieve the general objective, the following specific objectives are considered within the BIG4LIFE project (Figure 2):

- **SO1.** To characterize the current operation of 8 BIG projects, in terms of ecosystems provided, involved stakeholders, and maintenance and monitoring activities (drivers of success and causes of failure). (WP2).

- **SO2**. To co-design two specific “networking plans” for each selected project, integrating xeriscaping and smart approaches: a) Maintenance, and b) Impacts Monitoring & Evaluation, by defining the tasks to be carried out, which tasks can be automated (smart solutions), the stakeholder’s responsibilities, and the needs/possibilities of integrating Community Service Learning activities. (WP2).
- **SO3.** To partially refurbish currently selected BIG projects that have failed, considering circular economy and xeriscaping criteria, to establish the reference conditions (failed vs refurbished). (WP3).
- **SO4.** To install the facilities and smart control systems necessary for those maintenance activities and the monitoring of those ecosystem services/KPIs that can be automated. (WP3).
- **SO5.** Stakeholders capacity building. To carry out awareness raising and training activities on BIG systems, also on their maintenance (xeriscaping and smart approaches) and the monitoring and evaluation of their impacts (ecosystem services), as well as on “networking” and Community Service Learning approaches. (WP4).
- **SO6**. To apply the two networking plans, maintenance and monitoring, for 24 months and to evaluate the positive impact that the new approaches will produce in the operation of the selected BIG systems. (WP5).
- **SO7.** To draft the two definitive EU “framework plans” that can be replicated in the future in any BIG system. (WP5).
- **SO8.** To catalyse the large-scale deployment and application of the BIG4LIFE project achievements, both in the Mediterranean area and worldwide, also guaranteeing the consolidation of BIG4LIFE methodologies, approaches, results and conclusions in the medium and long term, as well as its integration in regulations, policies and professional guides. (WP6).

1.B Specify the types and formats of data will generate/collect

The types of data will mainly be:

- Observational: data captured in real time in the 8 BIG real cases (sensor data, survey data, etc.).
- Simulation: data generated from test models (climate, mathematical, economic, etc.). Mainly for energy performance of the buildings as well as for the cost-benefit simulations.
- Derived or compiled: data that are reproducible but difficult to reproduce (text and data mining, 3D models, compiled databases, etc.).

Data will be generated in the following formats:

- Graphics: jpeg, odg, pdf, png, pttx
- Tables: odsu, opj, xlsx
- Text: docx, pdf, txt
- Other: nb, cpp

1.C Specify if existing data is being re-used and how

The raw data from the 2-year monitoring process (WP5) will be completely new.

The data for the preparation of the complementary materials will come from existing databases, websites, scientific bibliography and references either "open", or by requesting permission and making the appropriate citation when necessary.
e.g. Climate data, prices and cost of materials and energy, demographic data, etc.

1.D Specify the origin of the data

BIG4LIFE data has multiple origins:

- Prior knowledge of the different partners
- Data from the scientific literature

- Raw data collected in the ecosystem services monitoring process
- Data from simulations
- Data processed from the raw data
- Project coordination, management, dissemination and communication data
- Project replication and exploitation data

1.E State the expected size of the data

The expected size of the data is not currently known, but it is likely to be between 15 to 20 GB of data. This data will be updated in later versions of the PDM.

1.F Outline the data utility: to whom will it be useful

Whitin the consortium

The data will be shared within the consortium to carry out all the project tasks and achieve the set objectives. These will be the basis for producing the technical documents of results, as well as the final documents of the project that will be shared openly with society, either in official or informative format.

Beyond the consortium

The data can be used by independent researchers to understand better the contents and conclusions of the scientific publications, which base their findings on the data. Furthermore, independent researchers can use the files to produce figures and publications, showing comparisons of their own results and the BIG4LIFE results. Scientists can also use the data files to repeat the experiments and measurements to verify and validate the BIG4LIFE research. The data sets may also be used by scientific writers and the press to produce high-quality infographics, demonstrating the impact potentials of the technology.

- Finally, the official technical documents generated in the project, such as technical guides and protocols, will be widely disseminated at national and

international level and will be of professional application in the urban green infrastructure sector.

It is expected that multiple municipalities will release these documents for the improvement of the management of BIG systems in the cities.

2. Fair data

2.1. Making data findable, including provisions for metadata

2.1.A Outline the discoverability and identifiability of data produced/used

The metadata standard used to describe the dataset will be the Dublin Core Schema and Data Cite as it is a flexible and common used standard and is also the one adopted by CORA.RDR (https://dataverse.csuc.cat/dataverse/UdL) is a federated and multidisciplinary data repository that allows Catalan universities, CERCA research centres and other research entities to publish sets of research data in a FAIR way and following the guidelines of the EOSC.

2.1.B Outline naming conventions do you follow

To be defined, but the project dataset identification will follow the naming: BIG4LIFE <WPno> <SerialNumberDataset> <DatasetTitle>. Example: BIG4LIFE_WP2_1_01.

2.1.C Outline the search keywords are provided that optimize possibilities for re-use

To make data findable easily, rapidly and identically, exact and standard measures will be used to identify the datasets. This can include the definition and use of naming conventions, search keywords, version numbers, metadata standards and standard data identifiers.

Search keywords: BIG4LIFE, WPX, DX

2.1.D Outline the approach for clear version numbers

The result file (all open data, publication…) will be uploaded to the institutional repository University of Lleida provide a unique URL to access the document.

The repository assigns handles for persistent identification and citability of the dataset. Also the public repository Zenodo will use DOI versioning. DOI versioning allows for updating a dataset after it has been published and to cite either a specific version of a dataset or all versions of a dataset.

Currently, the related deliverables (publication, datasets...) of the project are being deposited in an institutional repository, Repositori Obert UdL, (http://repositori.udl.cat), which is linked to the OpenAIRE. All the datasets produced within the project will be deposited in CORA.RDR (https://dataverse.csuc.cat/dataverse/UdL). The institutional repository provides a unique URL (handle) to access the documents. CORA.RDR use of Digital Object Identifiers (DOIs) and generic or specific metadata promotes data visibility. It aims to increase the efficiency and transparency of research through a fast dissemination of data sets and facilitating their reuse.

2.2 Making data openly accessible

2.2.A Outline the discoverability and identifiability of data produced/used

Once processing, quality control, organisation, analysis and publication are complete, all the data will be made openly available from CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)

The data will be accessible using the following software: MS Office, Matlab, Mathematica, Origin, Open Office, Adobe Reader, Image Viewer.

The majority of the data will be shared in open-source formats. There are no restrictions on the use of the published data, but users will be required to acknowledge the consortium and the source of the data in any resulting publications.

2.3 Making data interoperable

2.3.A Outline the discoverability and identifiability of data produced/used

The data produced in the project will be interoperable as the datasets will adhere to standardised formats: ASCII, txt, csv, xml, tiff. If MS Office, pdf viewer or image viewer cannot be used, a text (ASCII) file will be provided with the dataset that explains where a free reader can be obtained.

2.4 Increase data re-use (through clarifying licenses)

2.4.A Outline the discoverability and identifiability of data produced/used

Wherever possible the data will be shared right after production following the Creative Commons 4.0 International License with Attribution (CC4-BY).

The data will remain re-usable after the end of the project and for a minimum of 10 years.

3. Allocation of resources

3A. Estimate the costs for making your data FAIR in your project

The estimated costs for making the data Findable, Accessible, Interoperable and Reusable (FAIR) are 1,000 € (personnel costs). These costs have been kept to a minimum by using an institutional repository, CORA.RDR.

3.B Specify how will be covered

The cost of preserving the database will be assumed by the coordinator University.

The costs for making the data FAIR will be assumed by the coordinator University.

3.C Specify who will be responsible for data management in your project

The coordinator University will be responsible for coordinating updates to the data management plan. The coordinator University will be responsible for organising data backup and storage, data archiving and for depositing the data within the repository CORA.RDR.

3.D Describe the resources for long-term preservation

There are no costs associated with the long-term preservation of the data.

4. Data security

4A. Address data recovery as well as secure storage and transfer of sensitive data

Deposition in the Open Repository University of Lleida and Zenodo public repository will provide additional security as it has multiple replicas in a distributed file system which is backed up on a nightly basis.

The data will be safely stored in Zenodo open access repository, is working towards ISO certification of the organisational and technical infrastructure which Zenodo relies on for long-term preservation (https://blogs.openaire.eu/?p=1485).

The data will be safely stored in Open Repository University of Lleida, which is stored on two physically and geographically separated servers that are regularly backed up.

5. Ethical aspects

5.A Ethical or legal issues that may affect the collection and sharing of data

Main ethical issues within BIG4LIFE project will be relating to the collection of data for the characterization of the 8 projects (buildings and stakeholders) in WP2 as well as to the preservation of surveys participant identity (WP5)

There are issues that could impact on data sharing.

The data from the well-being and health surveys (WP5) will be made anonymous to comply with the General Data Protection Regulation (GDPR). Informed consent for data sharing and long term preservation will be included in the surveys, but the project has no plans to share data with identifiable personal information.

In all meetings and workshops and stakeholders, image permission will be requested to be able to promote the events and disseminate the contents and images.

6. Other issues

6.A Refer to other national, funder, sectorial, departmental procedures for data management that you are using (if any)

Data management will be compliant with the open access policy of Partner1 and with Spanien and European laws about data security and the protection of privacy.

7. Further support in developing your DMP

7.A Explain what resources have supported you to develop your DMP

This DMP has been created with an specific tool provided by the Consortium of University Services to which the coordinator university (University of Lleida) belongs.

References:

- Data Management in the context of Horizon 2020: http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cuttingissues/open-access-data-management/data-management_en.htm
- Guidelines on Data Management & FAIR data principles under H2020 OA policy: http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot /h2020-hi -oa-data-mgt_en.pdf
- The Open Research Data (ORD) Pilot in H2020: https://www.openaire.eu/what-is-theopen-research-data-pilot
- OpenAIRE Guidelines for Literature Repositories, Data Archives, and CRIS Managers based on CERIF-XML: https://guidelines.openaire.eu/en/latest.

PLANNED RESEARCH OUTPUTS

DMP will describe the data management life cycle for the data to be collected, processed and/or generated in the project. Intended for use by project partners. English language, presented to the EC in digital format and uploaded at project web space and publicly available.

D1.3. Main meetings minutes

Minutes from the meetings, including participant list and related cost. Intended for use by project partners. English language, presented to the EC in digital format and uploaded at project web space and publicly available.

D1.4. BIG4LIFE Project Outcomes

Report summarising the main project results and final conclusions (50 pag max.), English language, presented to the EC in digital format and uploaded at project web space and publicly available.

D1.5. Green Management principles

Green Management principles aims to considering the project entire lifecycle by ensuring a net positive environmental, social, and economic impact. English language, presented to the EC in digital format and uploaded at project web space and publicly available.

D1.6. Green Management summary report

Report summarizing the quantified achievements of green project management. English language, presented to the EC in digital format and uploaded at project web space and publicly available.

D2.1. BIG4LIFE projects characterization

Critical analysis summary report about the selected BIG projects characterization and current state, both "success-case" and "failed-case", mainly addressed to selected buildings stakeholders It will be presented during the workshop scheduled in Subtask 2.1.6. English language, in digital format and uploaded at project web space and publicly available

D2.2. EU Networking Plan for Monitoring and Evaluation of BIG4LIFE systems Impacts

Document compiling all individual proposals of “EU Networking Plan for Maintenance of BIG systems” by selected BIG project, which will be presented to the stakeholders of the selected buildings in the workshop that will take place at the end of WP2, i.e. Subtask 2.2.3. English language, in digital format and uploaded at project web space and publicly available

D2.3. EU Networking Maintenance Plan for BIG4LIFE systems

Document compiling all individual proposals of “EU Networking Plan for Maintenance of BIG systems” by selected BIG project, which will be presented to the stakeholders of the selected buildings in the workshop that will take place at the end of WP2, i.e. Subtask 2.2.3. English language, in digital format and uploaded at project web space and publicly available

D3.1. Refurbishment of failed-case BIG4LIFE projects

This document will describe the entire co-design process of the rehabilitation of the BIG failed projects, describing the circular economy and xeriscaping criteria used, the final designs, and the construction process. It will include all drawings and technical specifications. They will be open to the public as an example of good practices in the design of xeriscaping-based landscape architecture of living roofs. It will serve as an example of good practices for future actions beyond the end of the BIG4LIFE project. English language, in digital format and uploaded at project web space and publicly available.

D3.2. Facilities for monitoring and maintenance of BIG4LIFE projects

The document will include the individual designs of the facilities for monitoring and maintenance in each of the 8 projects, including drawings and technical specifications. It will be very useful as it will show how the designs have been adapted to the cases of each of the real demonstrative cases of the BIG4LIFE project. They will be open to the public as an example of good practices. English language, in digital format and uploaded at project web space and publicly available.

D4.1. BIG4LIFE Community Service Learning (CSL) organization

Report that describes the definition, quantification, organization, criteria and candidate selection procedure, of the CSL activities, by selected project. It is intended for project partners, for use in managing the activities to be developed related to the CSL. English language, in digital format and uploaded at at project web space and publicly available

D4.2. Educational material for capacity building of BIG4LIFE

Document that collects all the teaching material used in the training courses for the capacity building of the participants in the work networks (books, posters, maps, photos, slides, videos, software, models and analogies). It is intended for CSL program participants, but it will be a reference material for anyone who wants to use it in the future in order to develop similar projects. English language, in digital format and uploaded at project web space and publicly available.

D5.1. Cost-benefit analysis of BIG systems within BIG4LIFE project

Report on the Cost-benefit analysis of BIG systems by selected project. This document, which shows the results of the analyses by selected BIG project, will be of interest to anyone interested in this type of BIG cost-benefit studies, from

researchers, owners, architects and engineers, and the general public. English language, in digital format and uploaded at project web space and publicly available.

D5.2. Framework "EU Networking Plan for Monitoring and Evaluation of BIG systems Impacts

Framework "EU Networking Plan for Monitoring and Evaluation of BIG systems Impacts". This document, being one of the main results of the project, will be presented on a national and international scale in the workshops that will take place in WP6. It is aimed at all stakeholders in the BIG sector, specifically for academia and building owners, but also designers and sector companies. English language, in digital format and uploaded at project web space and publicly available.

D5.3. Guideline for Cost-benefit analysis of BIG systems service life

Guideline for Cost-benefit analysis of BIG systems service life. It is intended to all BIG sector stakeholders, and therefore it will be presented and discussed during WP6 for nacional and international replication. English language, in digital format and uploaded at project web space and publicly available.

D5.4. Framework "EU Networking Maintenance Plan for BIG systems

Framework "EU Networking Maintenance Plan for BIG systems". This document, will be presented on a national and international scale in the workshops that will take place in WP6. It is aimed at all stakeholders in the BIG sector, with special focus on maintenance companies, but also designers and building owners. English language, in digital format and uploaded at project web space and publicly available.

D5.5. Professional guide of best practices for BIG systems maintenance

Professional guide of best practices for BIG systems maintenance. This guide is addressed to BIG sector associations, maintenance companies, designers, and professionals. It will be presented national and internationally during the scheduled workshops of WP6. English language, in digital format and uploaded at project web space and publicly available.

D5.6. Report on the "Environmental performance of the 8 BIG selected projects for BIG4LIFE

Report on the building environmental performance by selected project. The document will summarize the comparison between the obtained results on the environmental performance during the monitoring process and the preliminary analysis done (Table 2. Part B) of the selected buildings. This document will be of interest for building owners and managers. English language, in digital format and uploaded at project web space and publicly available. English language, in digital format and uploaded at project web space and publicly available.

D6.1. Study about International replicability of BIG4LIFE project

Report that integrates and summarizes all the tasks done relating to the International replicability of BIG4LIFE project. This study will be of interest to share among the partners of the consortium. The international partners will be able to disseminate it to their public institutions and to the professional sector in their context. English language, in digital format and uploaded at project web space and publicly available.

D6.2. Study about the Integration of EU Networking Plans into regulations and technical standards

Report that integrates and summarizes all the tasks done relating to the Integration of EU Networking Plans into regulations and technical standards. Spanish, Catalan and English language, in digital format and uploaded at project

web space and publicly available. This study, which will be prepared jointly with the professional associations and companies, will serve these associations as a tool to modify the technical codes and building standards so that they include the BIG systems.

D6.3. Proposal of “municipal incentive for BIG systems

Document in which the Proposal of "municipal incentive for BIG systems" is drawn up. Spanish, Catalan and English language, in digital format and uploaded at project web space and publicly available. The municipal incentive proposal is aimed at the city councils, which will participate in the work tasks, in that at least three of them are owners or co-owners of four of the selected BIGs (BIG1, BIG2, Lleida City Council, and BIG7 El Prat de Llobregat City Council, and BIG8 Barcelona City Council)

D6.4. Recommendation letter to be send to policy makers, municipal technicians, and other stakeholders

Document in “letter of recommendation” format, to be sent to different public and private entities, associations, among others, in which the adoption of the network work plans, as well as the different results of the project, is requested. Approved and signed by all consortium members who support the letter. Spanish, Catalan and English language, in digital format and uploaded at project web space and publicly available. The letter will be electronically sent to as many city councils as possible covering all countries involved in the project.

D6.5. Study on Networking with existing NBS platforms

Report in which the results of all tasks related to Networking with existing NBS platforms are integrated. English language, in digital format and uploaded at project web space and publicly available. This study will be of interest to the project partners, since it will be possible to define the strategy to be followed in the After Life Plan regarding the sharing of project data with currently existing platforms.

D6.6. After BIG4LIFE Plan

Document that contains the strategy to give continuity to the BIG4LIFE project, to its methodologies and approaches, to its results and conclusions, beyond the completion of the project, to achieve its long-term sustainability. The After Life Plan is addressed to all the partners of the project as well as to the stakeholders of the project, both the participants and the sector associations and administrations. Spanish, Catalan and English language, presented to the EC in digital format and uploaded at project web space and publicly available.

D6.7. Exploitation and Replication Plan

Document that describes how the main results of the project can be exploited and replicated beyond the project. It is aimed to main actors within the BIG sector such as municipalities, designers, companies, professional associations. Spanish, Catalan and English language, presented to the EC in digital format and uploaded at project web space and publicly available.

Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
D1.1. Project Management Plan	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	Yes
D1.2. Data Management Plan	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No
D1.3. Main meetings minutes	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema	No	Yes

							and Data Cite		
D1.4. BIG4LIFE Project Outcomes	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	Yes
D1.5. Green Management principles	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No
D1.6. Green Management summary report	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No

D2.1. BIG4LIFE projects characterization	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	1000 KB	CC4-BY	Dublin Core Schema and Data Cite	No	Yes
D2.2. EU Networking Plan for Monitoring and Evalua ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	Yes
D2.3. EU Networking Maintenance Plan for BIG4LIFE ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	Yes
D3.1. Refurbishment of failed-case	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema	No	Yes

BIG4LIFE projec ...							and Data Cite		
D3.2. Facilities for monitoring and maintenance of ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	Yes
D4.1. BIG4LIFE Community Service Learning (CSL) or ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	1000 KB	CC4-BY	Dublin Core Schema and Data Cite	No	Yes
D4.2. Educational material for capacity building o ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	2000 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No

D5.1. Cost-benefit analysis of BIG systems within ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	Yes
D5.2. Framework "EU Networking Plan for Monitoring ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No
D5.3. Guideline for Cost-benefit analysis of BIG s ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No
D5.4. Framework "EU Networking	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema	No	No

Maintenance Plan fo ...							and Data Cite		
D5.5. Professional guide of best practices for BIG ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No
D5.6. Report on the "Environmental performance of ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	Yes
D6.1. Study about International replicability of B ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	Yes

D6.2. Study about the Integration of EU Networking ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No
D6.3. Proposal of “municipal incentive for BIG sys ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No
D6.4. Recommendation letter to be send to policy m ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No
D6.5. Study on Networking with existing NBS platfo ...	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	1000 KB	CC4-BY	Dublin Core Schema	No	No

							and Data Cite		
D6.6. After BIG4LIFE Plan	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No
D6.7. Exploitation and Replication Plan	Text	1st October 2026	Open	CORA.RDR. (https://dataverse.csuc.cat/dataverse/UdL)	500 KB	CC4-BY	Dublin Core Schema and Data Cite	No	No