



RAIL4CITIES

Data Management Plan

Deliverable D1.2

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Consortium of partners

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We have made significant progress in our field, and we are eager to showcase these developments to interested parties. However, due to the proprietary nature of this information, we are unable to disclose the details publicly at this time.

We invite you to contact us directly if you would like to learn more about our advancements. We would be happy to discuss how these innovations might be beneficial to you or your organization.

Please let us know your thoughts at your earliest convenience.





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1 Introduction

The Horizon Europe project RAIL4CITIES brings together 14 participants from seven different countries. The central ambition of RAIL4CITIES is to develop a new operational, readily available and highly applicable model of stations as sustainable city promoters (SCP model), combined with a common European methodology and tool for its effective implementation. The project takes inter-dependent impediments (profit-orientated business model, complex web of agents and stakeholders, policy gaps) into account and provides decision makers with the tools to transform stations into promoters of sustainable cities.

The target of this deliverable (related to Task T1.4) is to provide an initial data management plan (DMP) identifying the relevant datasets in RAIL4CITIES and describing how these datasets will be managed. This DMP will be updated in Month M24 with the consolidated datasets identified and managed in the project.

The approach relies on the description of the expected project outcomes and activities planned during project operation to systematically identify relevant datasets. In a second step, the management of the identified datasets is described. This activity has several targets:

- At project management level, to ensure that all the project activities (and the respective datasets created in this context) have been carefully planned at operational level. Especially, to ensure that no major activities are missing, that each activity and dataset has an owner and defined processing rules.
- At partner level, to raise awareness on data management and provide guidance on relevant dataset categories in the project and how to manage the datasets accordingly.
- At stakeholder level, to provide information about the datasets managed in the project, and especially the datasets planned to be shared in the context of the open research strategy. The sharing of project documentation (e.g., deliverables, scientific publications) and sharing of datasets is an explicit strategy to strengthen the innovation ecosystem around the RAIL4CITIES project.

In total, 9 datasets have been identified and classified into the following categories:

(a) Datasets with confidentiality issues; Unintended disclosure of the dataset might lead to a loss of competitiveness for one or more partner(s) (e.g. datasets with elements protected by IPR (including the sui generis protection for databases) or trade secrets rules (cf. Directive (EU) 2016/943 of the European Parliament and of the Council of 8 June 2016 on the protection of undisclosed know-how and business information (trade secrets) against their unlawful acquisition, use and disclosure **Erreur ! Source du renvoi introuvable.**)).

(b) Datasets with cyber-security issues; Modification of the dataset (unintended or malicious) might lead to issues related to hazards in the operation (cf. the new NIS Directive (Directive (EU) 2022/2555 of the European Parliament and of the Council of 14 December 2022 on measures for a high common level of cybersecurity across the Union, amending Regulation (EU) No 910/2014 **Erreur ! Source du renvoi introuvable.** and Directive (EU) 2018/1772, and repealing Directive (EU) 2016/1148 (NIS 2 Directive)), or the Proposal for a Regulation of the European Parliament and of the Council on horizontal cybersecurity requirements for products with digital elements and amending Regulation (EU) 2019/1020 **Erreur ! Source du renvoi introuvable.**)).

(c) Datasets including personal data; Unintended access might lead to privacy issues, lack of management might lead to non-compliance regarding relevant national and European regulations (e.g., GDPR **Erreur ! Source du renvoi introuvable.**).

(d) Datasets to be published in the context of open research data and ones that could be impacted by access rights exercised by third parties based e.g. on the PSI Directive n° 2 (Directive (EU) 2019/1024 of the European Parliament and of the Council of 20 June 2019 on open data and the re-use of public sector information (recast) **Erreur ! Source du renvoi introuvable.**) or the Data Governance Act (Regulation (EU) 2022/868 of the European Parliament and of the Council of 30 May 2022 on European data governance and amending Regulation (EU) 2018/1724 (Data Governance Act)) **Erreur ! Source du renvoi introuvable.** or the Data Act Proposal (Regulation on the fair access to and use of data (COM(2022) 68 final) (2022/0047(COD)) **Erreur ! Source du renvoi introuvable.**).

The deliverable is organized as follows: Section 2 includes the data management plan template from Horizon Europe [8] to provide clarity on the official methodology. Section 3 provides project related information, especially the main expected project outcomes and discussion on related datasets. Section 4 focuses on information about the operation and steering of the project, and general approach for data management. This is refined in Section 5, which provides a detailed overview of the datasets and how these datasets will be managed; Section 6 describes the most relevant data flows, while Section 7 concludes this document.