OpenDCO – Open Data City Officer Project No.: 022-1-CY01-KA220-HED-000089196 Erasmus+ Strategic Partnerships Key Action 2



WP2 - T2.4 ORGANIZATION OF A MULTIPLIER EVENT

Development of the Pedagogical Educational Approach







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1. Document Metadata

Document Title: Intermediate Report of the Work Package WP2 (OpenDCO Development of Pedagogical Educational Approach).

Keywords: Competencies; self-assessment tool; learning journeys; learning goals.

Abstract: The purpose of this document is to describe the conduction of the tasks developed in WP2 related to the development of the self-assessment tool that identifies learning gaps in OpenDCO (Open Data City Officer) competencies and determines individual learning experiences and traits, detailing all the activities developed, the applied methodology and the description of the results.





1.1. Document information

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1.2. Document Change History

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2. Introduction

The OPENDCO Project aims to create and strengthen a professional profile focused on open data in smart cities at the European level. The project is to develop a systematic curriculum to address all aspects of an Open Data City Officer (OpenDCO). This curriculum covers various competencies essential for success in the realm of open data, including strategic thinking, long-term planning, decision-making, transparency promotion, and data dissemination.

The purpose of the WP2 is the development of the pedagogical educational approach for the OpenDCO project, aiming to enhance the skills of professionals engaged in the use and management of open data in cities, ensuring effective and individually aligned learning outcomes, as well as benefiting the municipalities.

In this regard, WP2 focuses on the development of a pedagogical educational approach for the OpenDCO project. To achieve this, two specific objectives were identified, as follows:

 Develop a self-assessment tool to evaluate the current competencies of OpenDCO professionals (knowledge, skills, and attitudes) and identify learning goals to enhance their competencies.

The purpose of this tool is to provide professionals with feedback on their level of knowledge, learning preferences, and experience in open data strategies and city management while recommending improvements. This tool will be directly linked to the OpenDCO curriculum and Training Kit, suggesting learning journeys tailored to individual needs.

2) Create a tool for designing personalized learning journeys, aligned with specific city needs and individual competence levels identified by the self-assessment tool.

The objective of this tool is to design personalized learning journeys that allow defining learning objectives, target skill levels, required training resources, and learning experiences that best suit the professional's circumstances. This tool also includes the evaluation of success in achieving the established learning goals, milestones of progress, and demonstration exercises that support their achievement. To fulfill the objectives of WP2, the following tasks have been outlined:

- Development of the self-assessment tool
- Development of a tool for designing personalized learning journeys
- Evaluation of the tools
- Organization of a multiplier event
- Publication in a conference/journal

For each of these tasks, a set of activities has been developed along with a schedule for their completion. The table below presents the activities and their corresponding timeline.

Table 1. WP2 Activity Schedule (in project proposal).

ID	Task	Start	End
T2.1	Development of the self-assessment tool	12/2022	05/2023
T2.2	Tool to design tailored learning journeys	12/2022	10/2023
T2.3	Evaluation of tools	01/2023	10/2023

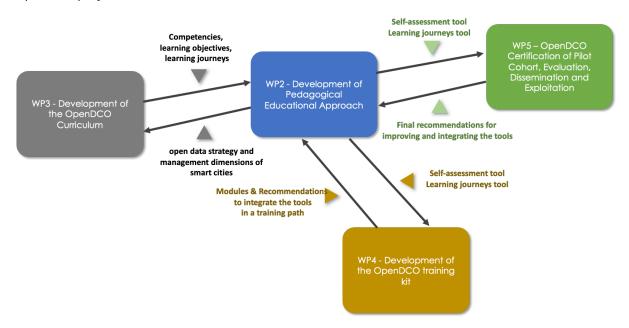




T2.4	Organization of a multiplier event	10/2023
T2.5	Publication to a conference/journal	02/2024

The target participants for the developed tools include decision-makers, policymakers, municipal associations, and professionals involved in aspects of open data for smart cities. The tools will benefit European local governments, associations, and entities interested in innovation and urban development.

It is important to highlight that WP2 is an integral part of a series of WPs designed to accomplish the OpenDCO project. As such, the outcomes of this WP have a direct impact on the other WPs within the project. The diagram below illustrates the interconnection between WP2 and the other WPs of the OpenDCO project.



 $\textit{Figure 1. The diagram illustrates the interrelationship among the various WPs of the \textit{OpenDCO Project}.}\\$

The following sections describe the implementation of WP2 and each of the activities (Table 1). As this is an intermediate report, the activities are based on the delivery date of May 2023.

It is worth noting that UMINHO (University of Minho) leads WP2 and oversees all its tasks. However, it should be emphasized that the partner organizations involved in the OpenDCO Project have been actively involved and collaborated in all the development tasks of WP2.





3. Organization of a multiplier event (T2.4)

This task involved coordinating and organizing a multiplier event to disseminate the project's results and raise awareness among stakeholders. The event aimed to reach a wide audience and promote the outcomes and impacts of the OpenDCO project.

The main focus of this event was on the Educational Strategy and Approach of OpenDCO. It featured presentations highlighting the importance of open data in smart cities for economic growth, discussions on the competencies inventory, and demonstrations of the assessment tools and learning journey design.

The objective of the multiplier event was to mobilize OpenDCO stakeholders, increase awareness about open data, validate competencies, and facilitate knowledge exchange.

The University of Minho team presented the OpenDCO Project and the tool locally to collect feedback and identify areas for improvement from external participants from various fields, including municipalities, companies, and vocational education and training providers. In addition, the University of Minho presented the OpenDCO Project locally to gather feedback and identify areas for improvement.

To ensure the success of the multiplier event, the following activities were undertaken:

- Careful selection and preparation of a suitable venue capable of accommodating 40+ participants.
- Identification and invitation of experts and speakers who could provide valuable insights and expertise.
- Promotion of the event through the project website, partner websites, and local media platforms to generate interest and attract a diverse audience.
- Development of a targeted list of stakeholders, including decision-makers, policymakers, and relevant organizations, to encourage their active participation and engagement.
- Design and distribution of an online questionnaire to gather feedback from attendees, allowing for continuous improvement and evaluation of the event's effectiveness.

Through meticulous planning and execution, the multiplier event served as a platform to showcase the project's achievements, foster collaboration among stakeholders, and drive further advancements in the field of open data and smart city competencies.

The multiplier event yielded positive and valuable results for the improvement of the OpenDCO project's tools and strategies. Some of the key findings include:

- High participant satisfaction: Around 94% of participants reported being satisfied or very satisfied with the event, particularly praising the quality of the presentations and the discussions on the importance of open data in smart cities.
- Relevance of the topics covered: 90% of participants considered the topics presented to be highly relevant to their fields of work, highlighting the importance of the competencies inventory and the assessment tools showcased.





- **Feedback on the assessment tools**: The demonstrations of the assessment tools generated significant interest, with 88% of participants suggesting that these tools would be useful in their own professional contexts, especially in educational and vocational training environments.
- Suggestions for improvement: While the results were largely positive, some suggestions were made to enhance the project's dissemination process. Among the key suggestions, participants mentioned the need for more regional events to increase outreach and deepen engagement with diverse audiences.

These results demonstrate the success of the event in raising awareness of the OpenDCO project's goals while also providing constructive feedback for improving future initiatives and the overall impact of the project.





ANNEX A. LIST OF REFERENCES

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