

OUTPUT FACTSHEET

Project index number	CE0200649	Acronym	EnCLOD		
Output type ("x" to be included)	Strategy/ action plan	X	Pilot action		Solution
Output number (O.xx)	1.2	Output title	5 Action Plans on OD usage and citizens' involvement strategies for the 5 Pilot Areas		
If the output target is > 1 in the AF, please specify the output(s) described in the factsheet	5				
Output delivery date	30/04/2025				
Project website	https://www.interreg-central.eu/projects/enclod/				

Summary description of the output

Please present the output by addressing the following topics.

Territorial challenges and needs in the regions specifically addressed by the output
(max. 700 characters)

The Central European countries face growing challenges such as environmental pollution and traffic management, which are further exacerbated by the problems caused by climate change, and they are struggling to ensure sustainable urban development. Open Data is a crucial resource for territorial governance, innovation, and economic growth. However, despite having some valuable data, many local authorities lack the necessary tools and strategies to turn it into actionable solutions due to fragmented data systems, limited real-time information, and low citizen engagement.

To support and enhance territorial governance through the use of Open Data, there is a strong need for better coordination, open access to data, and more inclusive decision-making that involves both public institutions and local communities.

Main aim(s) of the output and how it contributes to tackle the identified challenge(s)
(max. 500 characters)

The Local Action Plans draft by the EnCLOD partnership support the diffusion and usage of Open Data in five pilot territories (cities of Žilín, Olomouc, Debrecen and Nova Gorica, province of Vicenza) to provide strategic aid for territorial governance. Each plan constitute a roadmap for advancement of Open Data usage empowering local authorities to take more informed decisions. The plans directly address challenges like climate resilience and traffic management, laying the groundwork for smarter, more transparent public services both during and beyond the project life.

Technical description of the output (e.g. scope, main features, innovative elements etc.)

(max. 1500 characters)

This output consists of five Local Action Plans, each developed in a pilot region involved in the project. These plans aim to improve the use of Open Data and Internet of Things (IoT) technologies to support smarter, more effective territorial governance. Each plan provides a detailed roadmap tailored to the areas' specific needs, outlining both medium-term actions (to be implemented during the project) and long-term strategies. These include improving data collection and accessibility, fostering collaboration between public authorities and private stakeholders, and encouraging citizen engagement.

Some of the topics addressed by the Local Action Plans, that will be further developed within the EnCLOD project, are:

- in the province of Vicenza (IT), the environmental data collection for the monitoring of icing on mountain roads;
- in Debrecen (HU) the collection of traffic data for the implementation of new public transports lines;
- in Olomouc (CZ) the collection of traffic data for planning public parking avoiding heat islands;
- in Nova Gorica (SI) the usage of environmental data for monitoring air pollution;
- in Žilina (SK) the collection of traffic speed data for the definition of public safety measures.

Key innovative features considered by the Action Plans include the introduction of microzoning for more precise urban data analysis, the integration of dynamic (real-time) data from low-cost sensors, and the development of digital tools such as public dashboards and early-warning systems. The plans also promote co-creation through workshops, hackathons, and trainings, making Open Data more usable and impactful.

Involvement of target groups during output development and/or implementation

(max. 700 characters)

Target groups were actively involved throughout the development of the Local Action Plans. According to the specific need addressed in each pilot area, local governments, infrastructure and public service providers were directly engaged in the elaboration of the strategic documents. Their input was generally gathered through targeted workshops and meetings.

The main target groups involved were the public authorities competent for the territorial governance (urban planning, public transports, environmental protection):

- the local Municipalities in Debrecen, Nova Gorica, Olomouc and Žilina;
- the Regional governments in the province of Vicenza, Debrecen, and Olomouc;
- the Environmental agencies in the province of Vicenza, Olomouc and Nova Gorica;
- the Public transport companies in Debrecen and Olomouc.

Other target groups involved were also the SMEs associations and hubs of the IT sector, enterprises in the province of Vicenza, Debrecen, Olomouc and Žilina. In Slovakia, the general public was addressed too, with a public survey on the perception of traffic (un)safety in the pilot area of Žilina.

Cooperation dimension of the output, i.e. joint development within the partnership and, if applicable, joint implementation (see output indicator definitions in chapter I.3.3 and Annex 2 of the programme manual)

(max. 700 characters)

The Local Action Plans were jointly developed following a common approach defined by a set of preliminary guidelines, which outlined the roadmap for advancing the use of Open Data for territorial governance. These preliminary guidelines were collaboratively defined by all partner organizations, led by the University of Ljubljana and CityOne, and are now available to be used also by other interested cities or territories. Based on the defined approach, partners cooperated locally and transnationally in the elaboration of the respective Action Plans, which were then discussed with the technical partners and the entire partnership before their validation as a project output.

Results - expected change and lasting effects in the territories generated specifically by the output, its uptake by relevant organisations and benefits for target groups
(max. 1000 characters)

The main effect of the EnCLOD Local Action Plans is the introduction of Open Data as a key topic in the strategic agenda of local authorities. The Open Data gap analysis conducted revealed that there were wide margins for improvement in the use of Open Data for territorial governance in each pilot area.

The Local Action Plans have therefore outlined a strategic roadmap for advancing Open Data collection and use, integrating it into the strategic programs of the partner public administrations. During the project period and after its conclusion, the proposed roadmap for the use of Open Data will be further discussed and shared in alignment with the local needs of relevant stakeholders and specific actions included in the plans will be tested through the five pilot actions.

The main benefits of the expected results, will be for officers and decision-makers involved in territorial governance. However, citizens and civil society will also benefit from broader public access to data, such as traffic and environmental information, increase participation in governance processes and activate new economic opportunities by reusing available Open Data.

Ownership and durability of the output after the project end, considering financial and institutional support including, if applicable, maintenance
(max. 700 characters)

The Local Action Plans have been developed by the public administrations partner of Project EnCLOD, competent for territorial governance (urban planning, public transports, environmental protection): the identified actions have been discussed and validated at political level and will be implemented in coherence with the need of the pilot territories. Some activities will already be carried out during the project duration (for example through implementation of the Pilot Actions), others will constitute a long term commitment of the project partners for the advancement of Open Data in management of their territory.

Transferability of the output to other territories, sectors or target groups and planned measures for supporting such transfer
(max. 700 characters)

By proposing innovative and transferable approaches - including tools like microzoning- for using Open Data to support governance in mobility, environment, and urban planning, the Local Action Plans offer concrete examples for other cities and regions to follow, and can offer inspiration to city planners.

The common methodology (preliminary guidelines) used to draft these Action Plans is publicly available, and will be further refined during the second part of the project, promoting knowledge sharing and broader uptake of the EnCLOD approach at wider european level.

Related final deliverable(s) (Number(s) and title(s) to be included)	D1.4.1 "5 Action Plans for Open Data and IoT usage for territorial governance in project Pilot Areas" D1.3.1 " EnCLOD preliminary guidelines for boosting the usage of OD and IoT in local governance"
Output web link (if applicable)	https://www.interreg-central.eu/projects/enclod/?tab=media
GPS coordinates (if applicable)	n/a