

User-friendly Information Tool on Urban and Regional Access Regulations Schemes

Contract: MOVE/B4/SER/2019-498/SI2.832125

Deliverable D2.6 - UVAR data

Consortium:



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Administrative section

Document bios

Document file name	Work package	Tasks
UVARBox_WP2_Deliverable2.6_09-2022_1.0	WP2	T2.2

Version history

Version	Date	Description of changes	Author	Partner
1.0	06.09.2022	First draft	WPO	ARMIS

Disclaimer

The views and opinions expressed in this document are the sole responsibility of the author(s) and do not necessarily reflect the views of the European Commission.

General section

1 Introduction

The converted/generated machine-to-machine data resulting from the 5 pilot Member States (Austria, Belgium, Germany, Italy, the Netherlands) may be stored by the cities themselves, and should be made available for reuse, for instance, via the National Access Points (NAPs). These data include the LEZs and Diesel Bans that are currently being implemented, along with any other schemes the Consortium deems appropriate to consider, taking resource management and scope into account.

During the lifetime of the project, the data was stored and maintained by ARMIS. In this regard, during several project internal meetings, it was identified the need for an additional deliverable associated with the description of this data. Thus, D2.6 was added, to be presented by the end of the project. In light of the preliminary recommendations stemming from the Sustainability Strategy, the Consortium as looked into possible ways to maintain this data with the 5 Pilot Member States NAP authorities (see WP4 deliverables).

The outputs from WP1, and primarily "Task 1.2: Data structure" and "Task 1.3: Interface development", from which the DATEX II UVAR data model has emerged, were an essential precondition for the activities in WP2 and the development of the UVAR Box Tool. The UVAR data model developed by WP1, in combination with the UVAR Box Tool, developed by WP2, and taking advantage of the activities performed by the Country Coaches (CCs), resulted in more than 500 UVAR schemes digitised and harmonised according to the DATEX II standard.

2 UVAR DATEX II data results

With the CCs support and engaging activities, with the help of the UVAR Box Tool, and making use of the UVAR DATEX II data model created by WP1, it was possible to digitise more than 500 UVAR schemes. The number of UVARs produced by Country and per UVAR type are presented in the Table below.

Table 1 – Digitised UVAR DATEX II data.

	Italy	Belgium	Netherlands	Austria	Germany	Portugal	Total
LEZ	195	3	15	7	66	2	288
LTZ	3	2	1	0	0	1	7
PED	0	0	0	1*	0	0	1
PARK	0	0	0	260	0	0	260
EMERG	8	0	0	6	0	0	14
	206	5	16	274	66	3	570

*1 UVAR scheme comprising 260 streets.

Moreover, LEZ from the Netherlands and Germany were digitised and made accessible via NDW¹, and Mobilithek², respectively.

The list of the digitised UVAR DATEX II data can be found in the annex of D2.4.

3 Where to get access to the UVAR DATEX II data

Under the scope of WP4 - *Definition of a strategy to ensure the sustainability of data collection and accessibility* - recommendations were formulated on a European, national and local level to ensure sustainable UVAR data access. This formulates a long-term strategy where the NAP community plays a crucial role.

For the project lifetime, data was stored by the UVAR Box Tool hosted by ARMIS. The tool allows data export on the DATEX II standard.

For being able to download the data via the UVAR Box Tool, it is necessary to have credentials for accessing the weblink <http://uvarbox.armis.pt:2403/uvar/>. The UVAR Box website³ provides all the necessary information for getting access and make use of the tool. Only allowed users will be able to download the data, according to their user permissions.

Currently, only German and Dutch LEZs are publicly available at their respective NAPs, in the places mentioned in the section above.

1 <https://opendata.ndw.nu/milieuzones.xml>

2 <https://mobilithek.info/>

3 <https://uvarbox.eu/uvarbox-tool/>

Glossary

Term	Definition
CCB/CCs	Country Coaches Board/Country Coaches
DATEX II	Electronic language used in Europe for the exchange of traffic information and traffic data
EMERG	Emergency scheme
LEZ	Low Emission Zone
LTZ	Limited Traffic Zone (ZTLA in Italy)
NAP	National Access Point
NDW	National Road Data Portal
PARK	Parking Regulation
PED	Pedestrian Zone
UVAR	Urban Vehicle Access Regulation
UVAR Box Tool	Tool to enable the digitisation of UVARs
UVAR DATEX II data	UVAR data following the DATEX II model created under the UVAR Box project

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