



# Regulating Vehicle Access for improved Livability



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 815008.

# What is ReVeAL

The goal of ReVeAL is to add Urban Vehicle Access Regulations (UVAR) to the standard range of urban mobility transition approaches of cities across Europe. The EU funded R&I ReVeAL project looks at this hot topic for the first time since the CURACAO project (ending a decade ago).

The overarching mission of the project is to enable cities to optimise urban space and transport network usage through new and integrated packages of urban vehicle access policies and technologies. Such policies can lead to fewer emissions, less noise and improved accessibility and quality of life, which especially benefits the people living in these cities. These policies can also encourage more sustainable transport choices, enabling cities to become more liveable, ultimately healthier and more attractive for every member of society.

To this end, ReVeAL combines conceptual work and case study research with hands-on UVAR implementation in six pilot cities, as well as systematic stakeholder interaction through professional communication activities.

**Timeframe:** The project started in June 2019 and will run for three years.

# The ReVeAL approach

ReVeAL will demonstrate that current UVAR measures, if planned and executed in smart ways, are effective and financially viable and can make productive use of the latest technologies. In addition, ReVeAL will show that smart UVAR measures can be compatible with emerging mobility patterns and concepts, as well as fit into modern governance structures and gain public acceptability.

The ReVeAL methodology comprises the following stages:

- 1. UVAR transition framework and change management:** Making the change management requirements explicit for any UVAR initiative.
- 2. Reviewing UVAR options and building scenarios:** Setting the groundwork for the implementation of a wide range of UVAR measures (both established and cutting-edge approaches).
- 3. Pilot implementation and testing:** Implementing innovative measures as on-the-ground actions in six pilot cities.
- 4. Impact assessment and process evaluation:** Understanding the nature and extent of the impacts made by the measures introduced in the six pilot cities.
- 5. Decision support and legacy:** Synthesising and consolidating the lessons learned from the project and putting them in a form that can be used by other cities.

## Measure Fields

ReVeAL looks at a range of UVAR measures, both established and cutting-edge approaches, grouped under the four “Measure Fields”.

## The four "Measure fields":



**Zero-emission zones:** areas where only vehicles emitting zero emissions are permitted.



**Spatial interventions:** access regulations based on area planning and design, and physical interventions in the public realm.



**Pricing measures:** financial charging for accessing specific areas.



**Future proofing and future options:** possible tools and emerging technologies that cut across all measures.

## Transition Areas

ReVeAL considers the implementation of UVAR measures a necessary part of a wider transition management challenge. This requires comprehensive and coordinated changes to many elements of the urban transport system, which fall into four "Transition Areas":



**Governance and Financing**



**User Needs/ Acceptance**



**Mobility Concepts**



**System Design/ Technology**

# ReVeAL cities

Different UVAR measures will be developed, implemented and tested in the cities of: Helmond (NL), Jerusalem (IL), London (UK), Padova (IT), Vitoria-Gasteiz (ES) and the project leader Bielefeld (DE).

## Key Outputs

With its built-in mechanisms to accompany, document and analyse the processes and impacts in the six pilot cities, ReVeAL will be able to systematically extract lessons learned and thus support the wider roll-out of smart UVAR approaches across Europe.

The key outputs of the project will be several complementary decision support tools:

- UVAR Readiness Assessment
- UVAR Process Advisor
- Recommendations for the integration of UVAR in SUMPS
- UVAR evaluation framework and metrics

## Stakeholder Involvement

ReVeAL includes world leading UVAR experts who will support the pilot cities concretely during the design and implementation of their UVAR measures. The project will reach out to a diverse group of key stakeholders to ensure the project developments are in line with the expectations of users:

- local government policy makers
- transport service and solutions providers
- technology suppliers
- end user organisations

# The Partnership



Gemeente Helmond



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with:



CLARS Platform, [www.urbanaccessregulations.eu](http://www.urbanaccessregulations.eu)

## More information

For further information on ReVeAL, please visit the project website: **[www.CIVITAS-REVEAL.eu](http://www.CIVITAS-REVEAL.eu)**

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