



Regulating Vehicle Access for improved Liveability

# UVARs in transition

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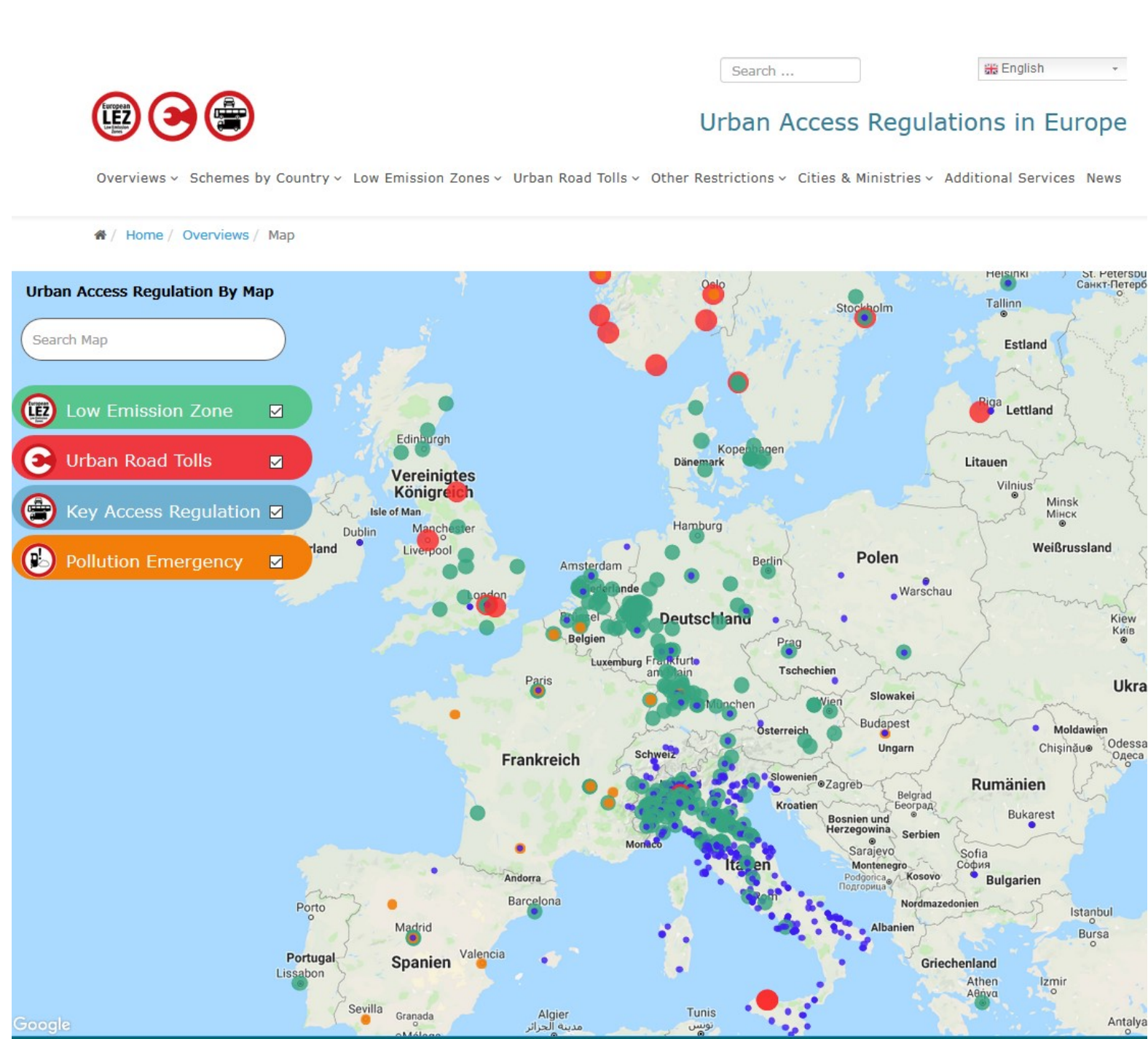
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 815069





Over 700 Urban Vehicle Access Regulations (UVARs) in 24 European countries

Source: [urbanaccessregulations.eu](http://urbanaccessregulations.eu)



## Different types of UVAR on [urbanaccessregulations.eu](http://urbanaccessregulations.eu)



Low Emission Zones



Toll / Congestion Charging



Emergency Pollution Schemes



Other access regulations: Limited Traffic Zone, Permit, Delivery regulations, Weight....



Zero Emission Zones - **Needed & Coming**



Combined schemes increasing

- Milano Low Emission Zone**  
Access regulated by vehicle emission
- Milano LEZ & CS**  
Access regulated by payment
- Milano - AR**  
Access regulated by other requirements
- Milano LEZ Area B Low Emission Zone**  
Access regulated by vehicle emission

All information about the Scheme Expand All

- Dates & Standards
- Electric Vehicles
- Which vehicles are affected
- Costs
- Alternative transport options
- How to pay
- Are foreign vehicles affected?
- Retrofitting?
- Hours of operation
- Enforcement method used
- Penalty fee
- National legal framework
- Further Information
- City website

## I varchi della Cerchia dei Bastioni



Scheme boundary detail

### Road Sign



Road sign detail

All schemes in this country

Show all Schemes in Italy

- Emergency Scheme**  
Access regulated by vehicle emission
- Delivery Low Emission Zone**  
Access regulated by vehicle emission
- Low Emission Zone**  
Access regulated by vehicle emission

### Route Planner

Check for Access Regulations on your Journey. Don't get caught out during your trip. Find out what regulations are in the towns and cities on your route



+

*Cities along your journey*

### Urban Access Regulations in Europe

Overviews | Schemes by Country | Low Emission Zones | Urban Road Tolls | Other Restrictions | Cities & Ministries | Additional Services | News

Home / Cities & Ministries

Does your city or ministry are improving the environment or traffic in your city or ministry? Are you operating, planning, considering, investigating a Low Emission Zone, Congestion Charging, urban road user charging, access regulation, vehicle access restriction, lorry ban etc? Then the CLARS Platform is for you.

*Public Authority Support*

*Detailed, updated information*

# ReVeAL

## Why UVAR?

- Air Quality
- Urban congestion
- Noise
- Livability
- Safety
- Climate Change

### EU transport goals for cities

- Halve conventionally fueled cars - 2030
- CO<sub>2</sub>-free city logistics - 2030
- Phase out conventionally-fueled cars

**Because carrots aren't enough**



# ReVeAL Measure fields



**Zero-emission zones \***



**Spatial interventions**

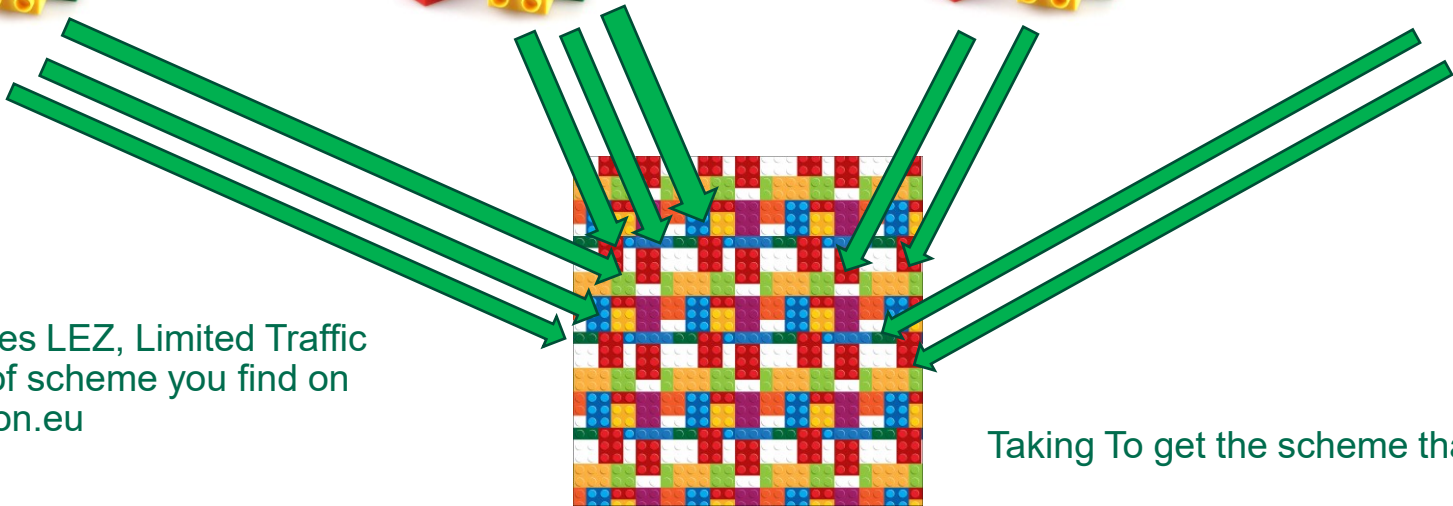


**Pricing measures**



**Future options**

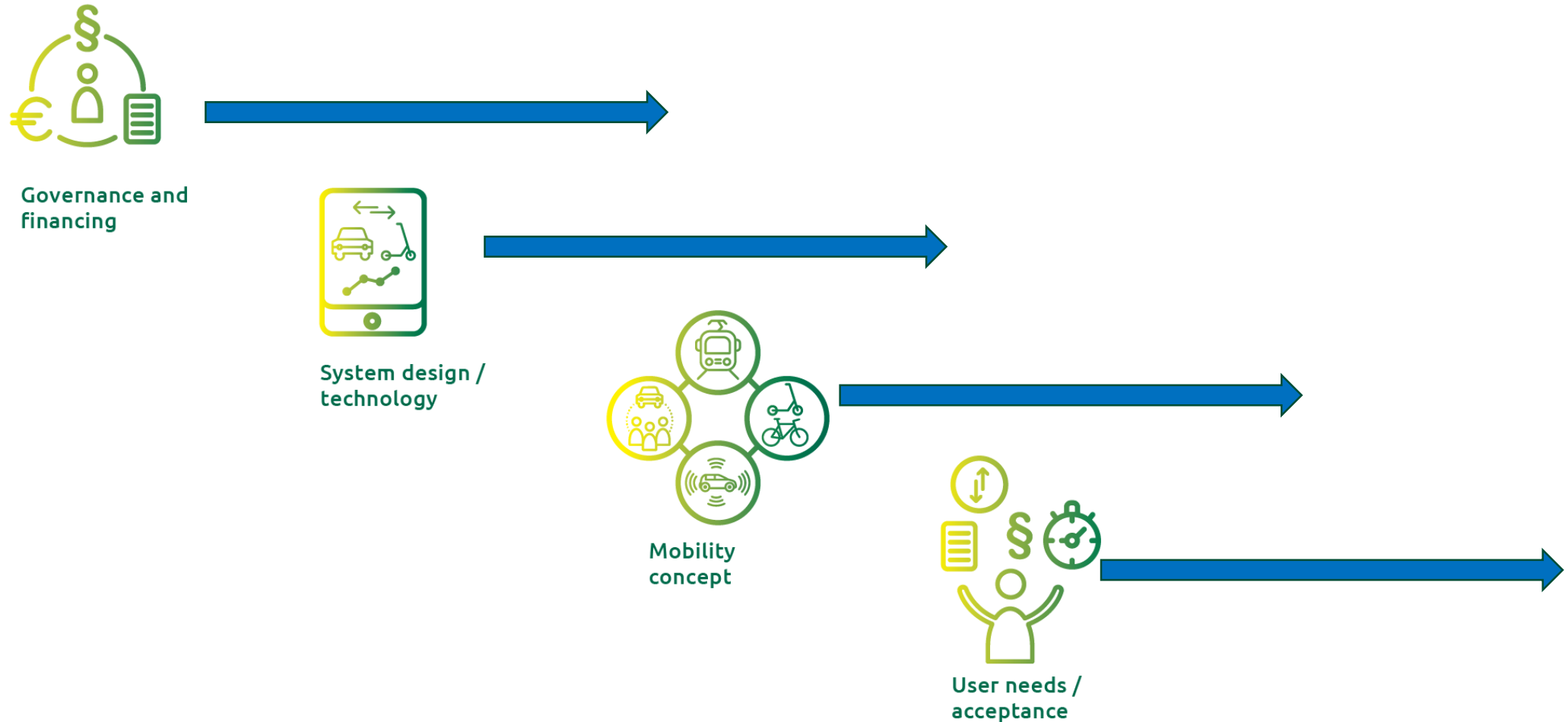
## Building Blocks



\* Pathways to ZEZ. Includes LEZ, Limited Traffic Zones, most of the types of scheme you find on [www.urbanaccessregulation.eu](http://www.urbanaccessregulation.eu)

Taking To get the scheme that works for your city

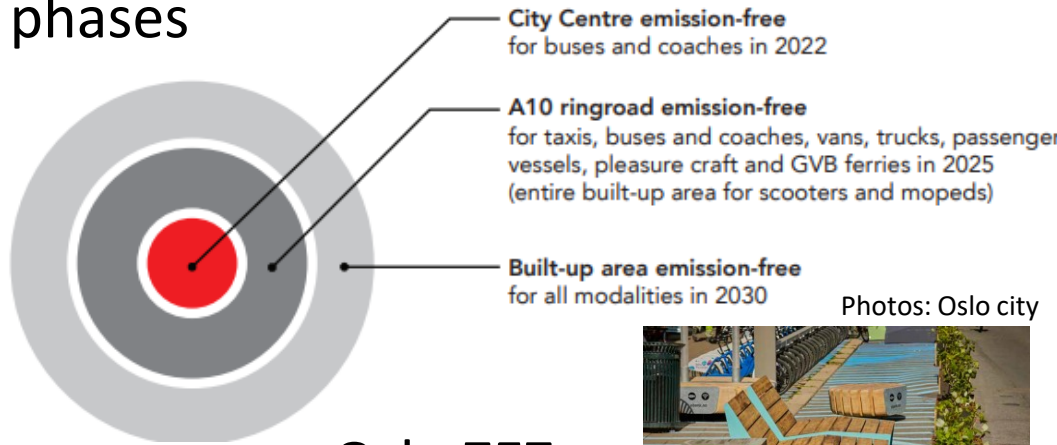
# Making the transition



And 'supporting measures' to facilitate alternatives, as part of a package of measures to facilitate (the best) adaptation



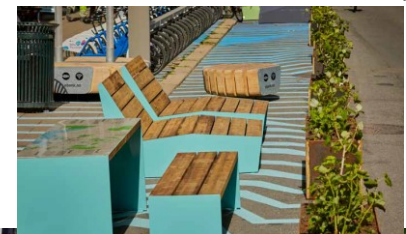
# Amsterdam ZEZ phases



A few Zero Emission Zones already exist

- an increasing number are planned (eg 29 C40 cities)

Photos: Oslo city



Time table for delivery vehicles

## Some of the Pathways to ZEZ

Tightening existing Low Emission Zones

Phasing by vehicle types (Logistics, buses...)

UVARs with ZEV advantages .... then requirements

eg Delivery regulations, time windows

Reducing time windows for non-EV

Requirements on Permits

Agreements with stakeholders

Through planning system & conditions

Making non-EV financially unattractive

ZEZ by Design - removing parking & road space



## Toulouse Delivery regulation

Un-auth. ICE	
Auth. EV	
Auth. ICE	
No motor & EV<3m <sup>3</sup>	





## ReVeAL Reference Group



[Home](#) [About](#) [ReVeAL Cities](#) [UVAR Project Pipeline](#) [News & Events](#) [Tools](#) [Resources](#) [Contact Us](#)



Reference Group

**Become a Member of  
ReVeAL's Reference Group!**

NOVEMBER 18, 2019

- **Diverse group of 30 key stakeholders**
  - to ensure the project developments are in line with user expectations
  - Influence over & access to tools
- Complete application **civitas-reveal.eu**
- Deadline December 13, 2019
- 3 meetings in the 3 year project

# Thank you for your attention

[www.civitas-reveal.eu](http://www.civitas-reveal.eu)

Twitter: [civitas\\_reveal](https://twitter.com/civitas_reveal)

LinkedIn: [CIVITAS-ReVeAL](https://www.linkedin.com/company/civitas-reveal)



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