

POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

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#POLIS2022

UVAR Box

How to make your UVAR more effective

UVAR
Box

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www.urbanaccessregulations.eu

www.civitas-reveal.eu

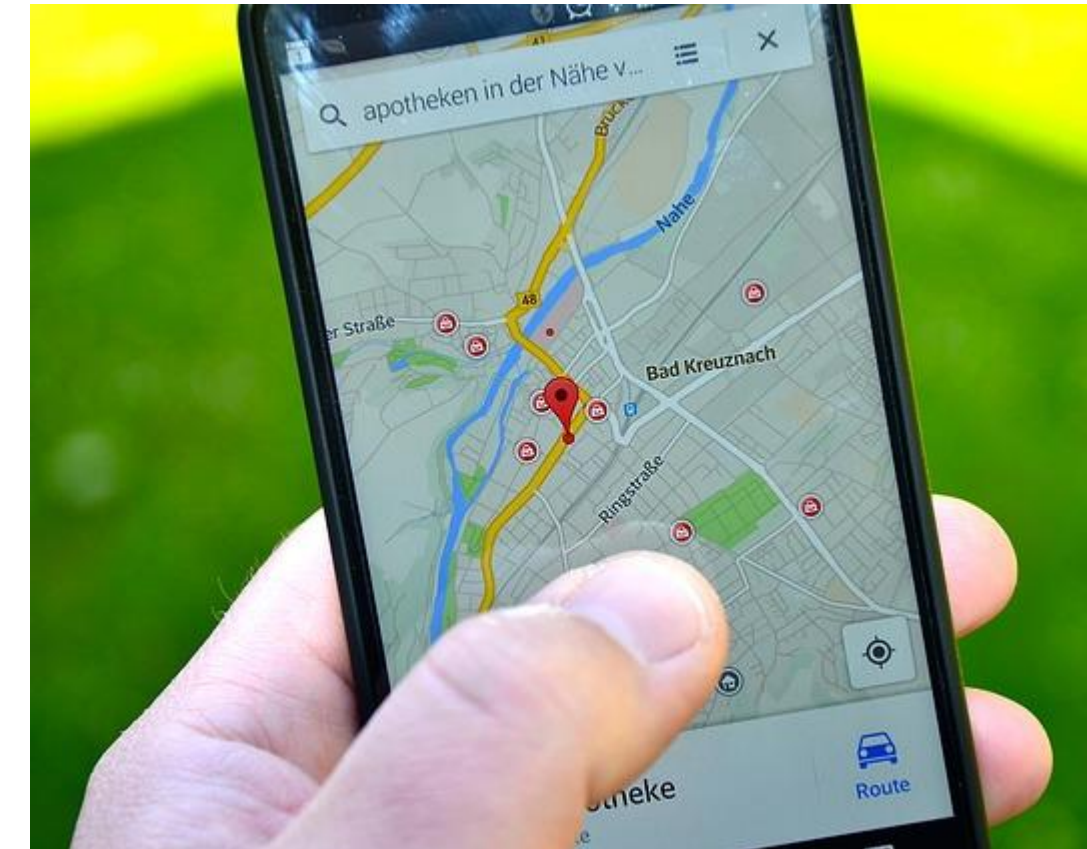
www.uvarbox.eu

How do you navigate somewhere new?

Let me guess: Using your phone or other digital device

So do most people and companies

So, if you want visitors to your city to know about your UVAR it needs to be in the navigation systems



How to do this?

Step 1 is putting the UVAR into Machine-to-Machine readable format

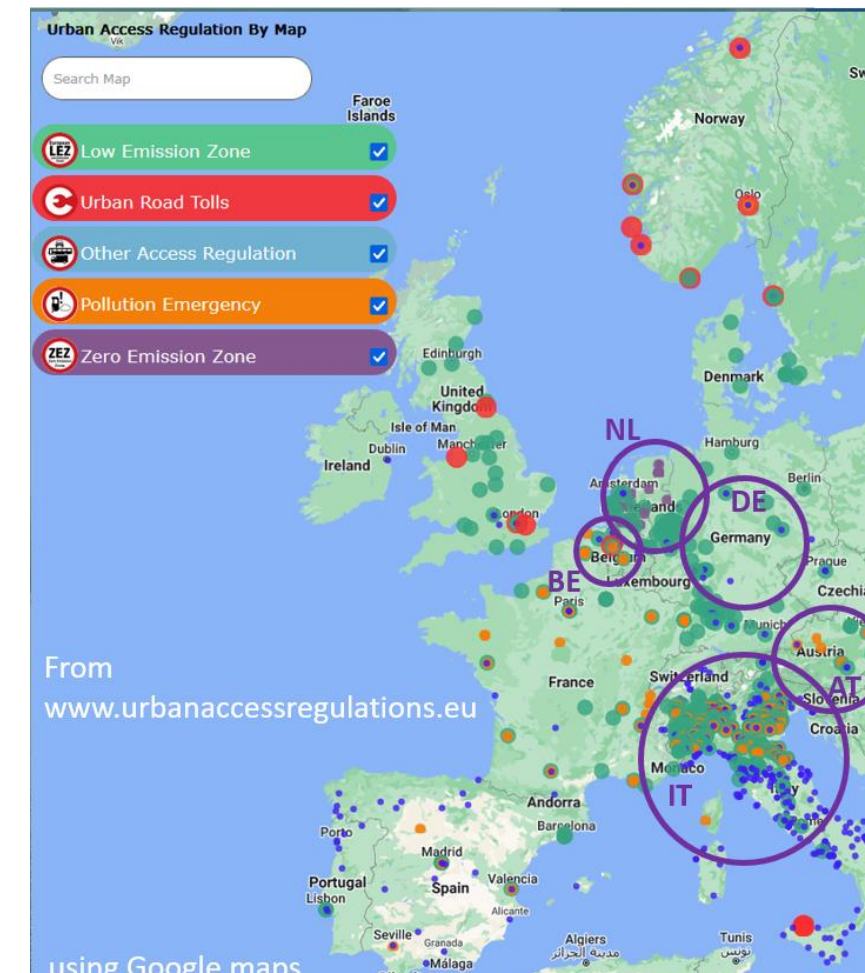
That doesn't sound easy I hear you say.....

 UVAR Box to the rescue !

UVAR Box

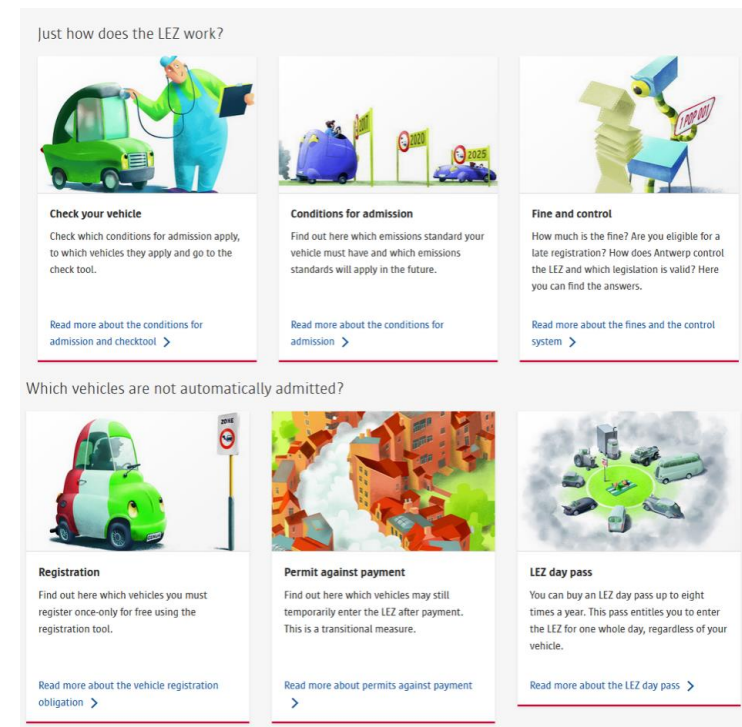
1. User-friendly tool to help UVAR authorities to put UVAR regulations into Machine to Machine (M2M) readable data
2. Create M2M data for
 - LEZs in 5 Member States
 - Focus Countries: Austria, Belgium, Germany, Italy, the Netherlands
 - At least one of each UVAR type
 - UVAR definition: LEZ, LTZ, Congestion Charges, Parking zones, pedestrian zones, Emergency schemes
 - Used 4 country coaches to best support authorities
3. How to get cities to digitise UVARs
 - [SUMP Guidance](#), benefits, EU law (eg [ITS Directive](#)), [NAPCORE](#).....

Tool available at: <https://uvarbox.eu/uvarbox-tool>
together with manual & video



Communication Conversion

Scheme ordinance or Traffic Regulation Order M2M → Navigation tools

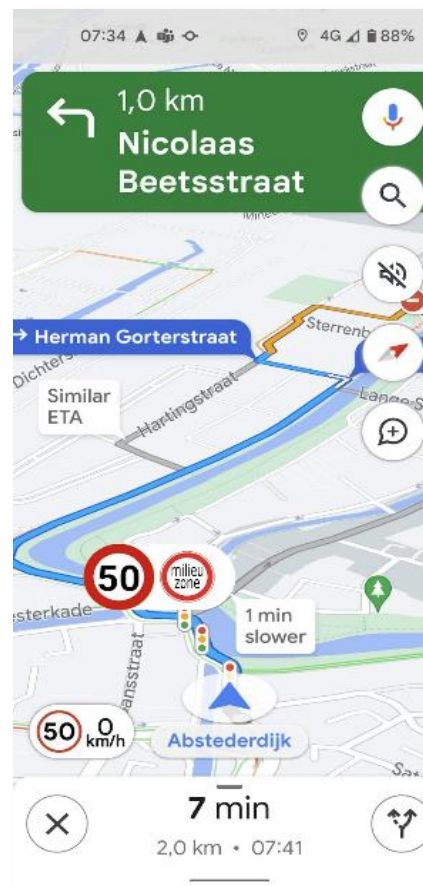
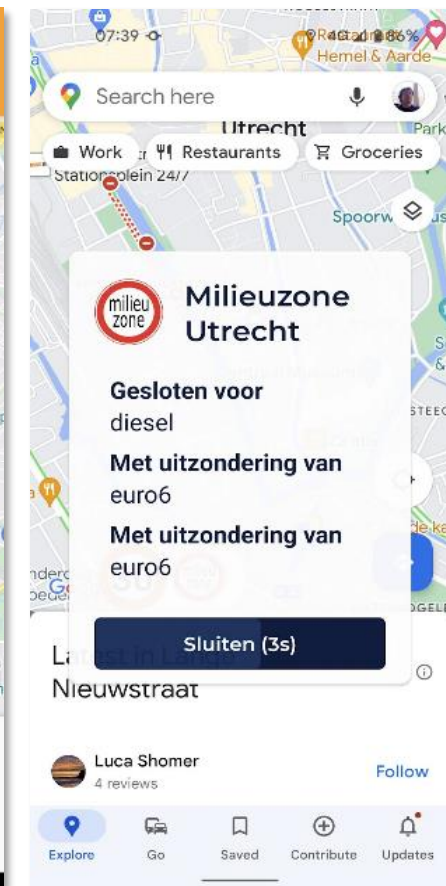
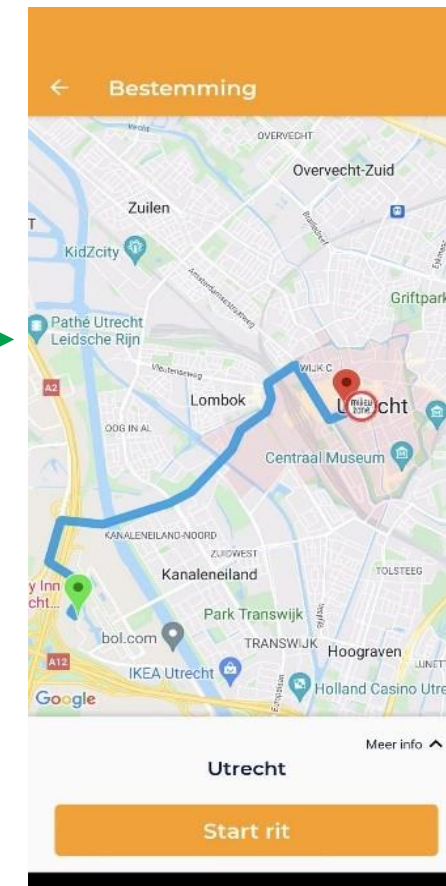


[Antwerp city's LEZ website](#)

DATEX II
format



On [NAP](#) &
city/MS
Open Data
portals



[Onderweg App](#)

& of course many other
Communication forms...



Why should I digitise my UVAR?

Advantages to cities include:

- **Greater awareness → greater compliance → greater impact**
- **Greater awareness = less enforcement work = fewer complaints & queries**
- Service Providers (e.g. Google) increasingly contacting cities for UVAR data
If provide to one (in their requested format) = need to provide similarly for others ([Open Data Directive](#))
- Using [UVAR Box](#) → single [EU-wide DATEX II format](#) = provide data once only on [National Action Point](#) & city/national open data websites
- Information on emissions stickers and national traffic rules required on the [Single Digital Gateway](#) by end 2023. UVARs also on the SDG. Needed in SDG format - DATEX II can be easily imported into SDG format.
- [ITS Directive & delegated regulation](#) requires Member States to digitise UVARs & encourage cities to do so too. Revised regulation likely to require UVARs to be digitised. T-10 nodes already require UVAR-DATEX II
- UVARs in navigation services significantly reduce the resistance to UVARs at an EU and non-local level
- Cities often have own general digitisation processes
- Some Countries & Cities working on “digital mirror” of traffic regulations (eg [METR](#))
- Digital UVAR data also needed for eg geofencing, Intelligent Speed Assistance (ISA), connected & automated vehicle deployment

→ **It will make a more effective UVAR !**
So use the UVAR Box tool!

More details: [UVAR Box tool](#)
[UVAR Box final conference recording](#)



If you are wanting to use the UVAR data


Eg in App, Sat Nav etc

Data in DATEX II format is currently available for

- 286 LEZs in 5 countries, plus Lisbon LEZ,
- Milan congestion charge,
- 14 emergency schemes,
- 4 LTZs,
- 1 pedestrian scheme,
- 259 parking zones

To get the data from UVAR Box: email sonia.soares@armis.pt

Available on the [Dutch](#), [German](#), [Austrian National Access Points](#)

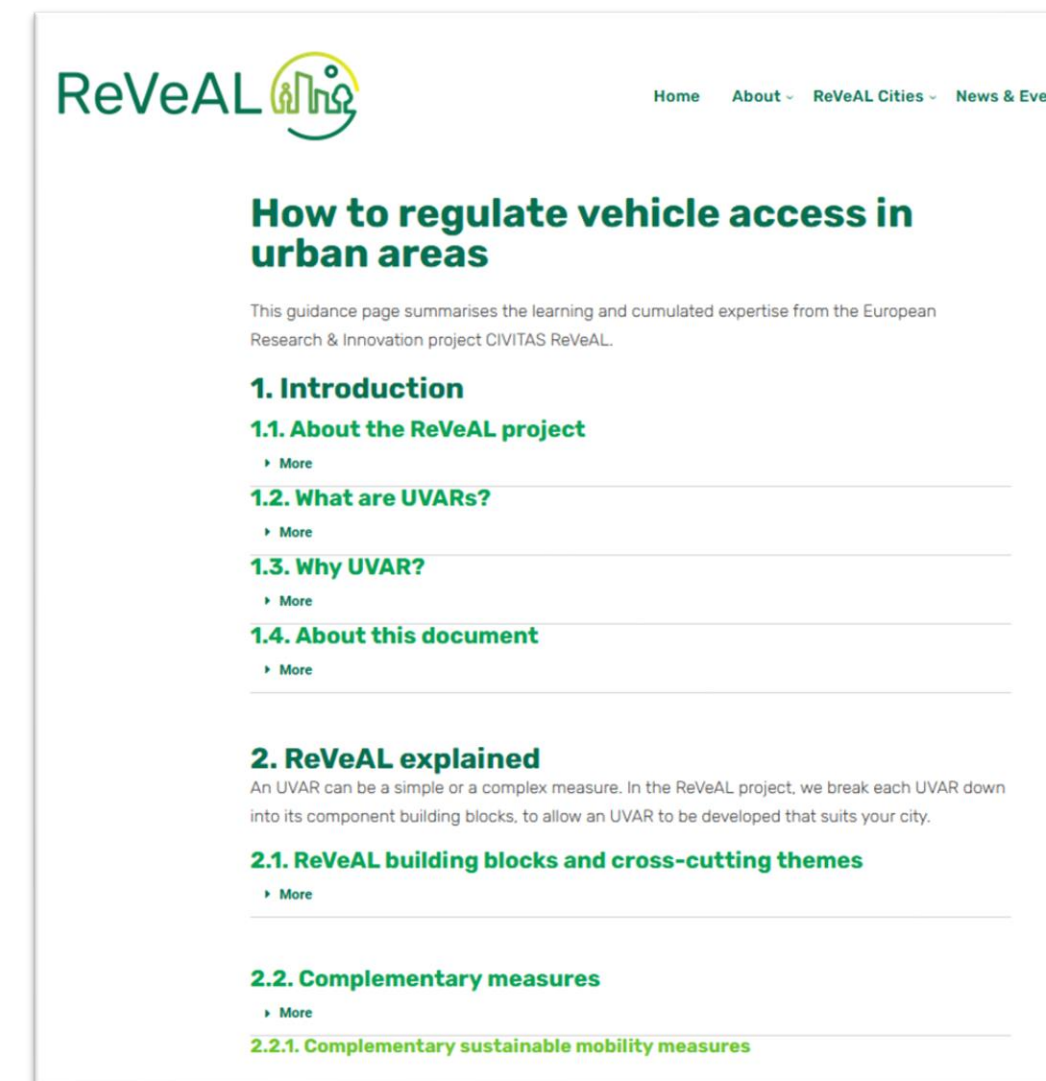
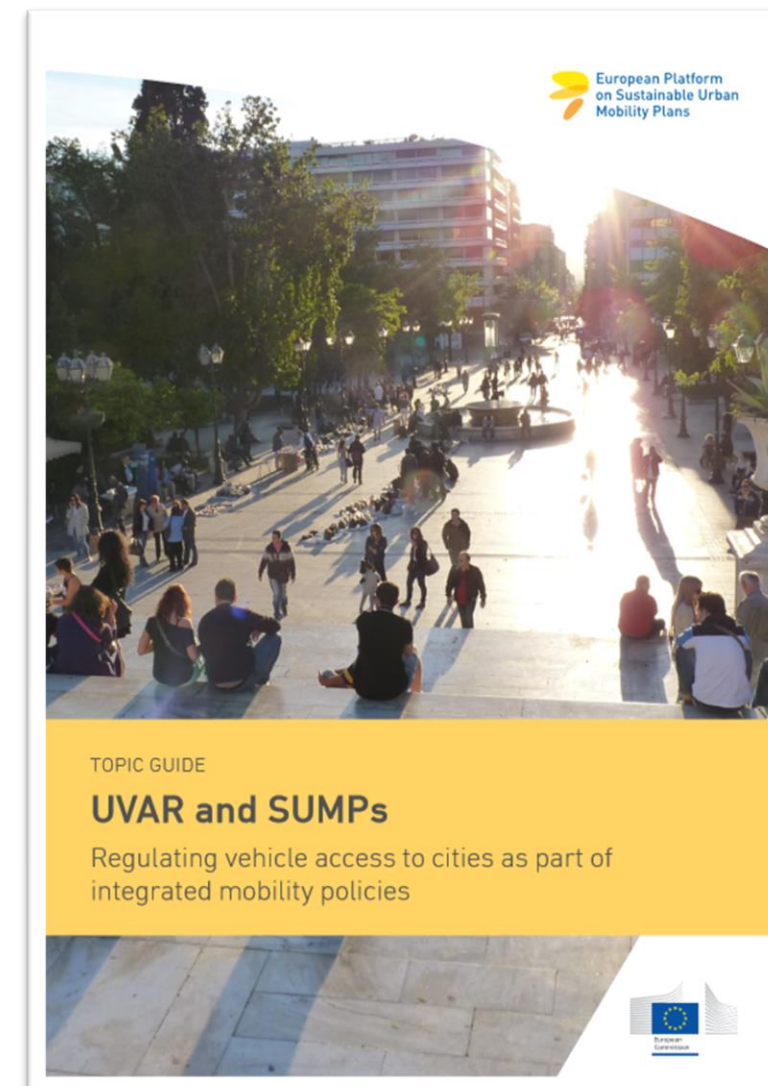
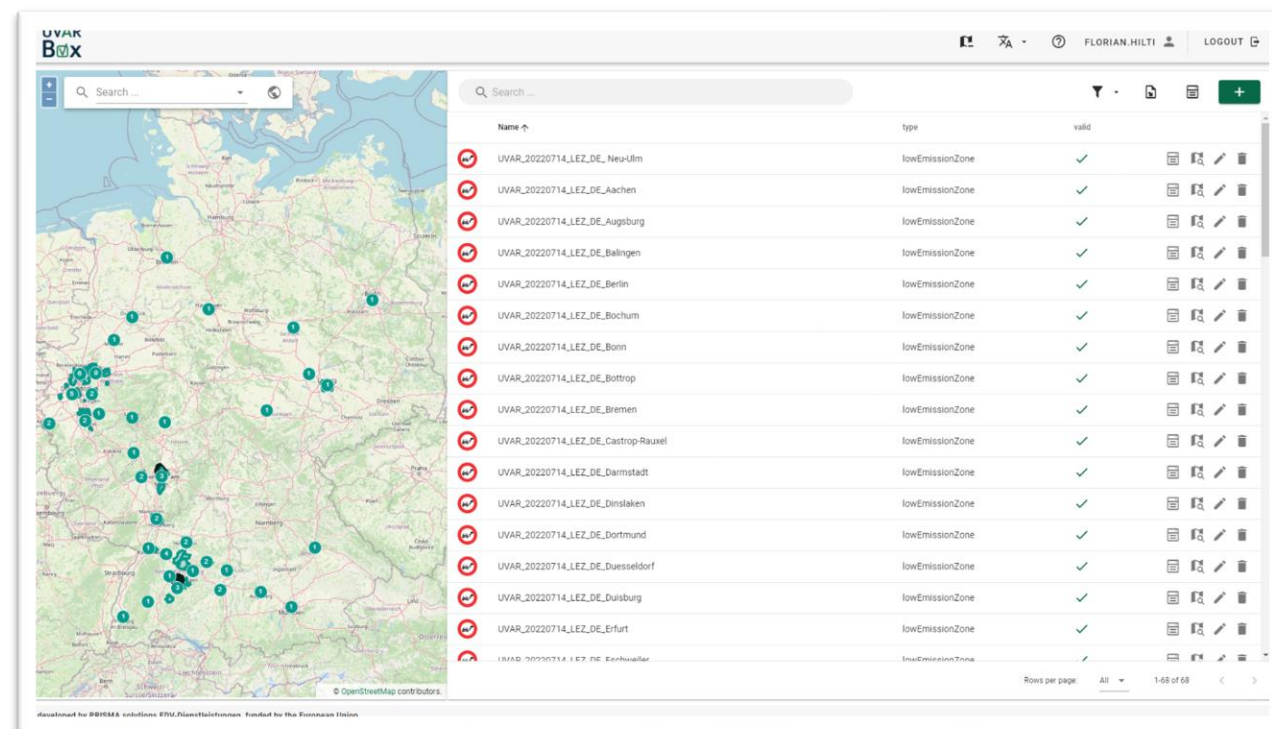
 Comprehensive UVAR data (not digitised) available from urbanaccessregulations.eu

UVAR Box

It is included in the [ReVeAL guidance: https://civitas-reveal.eu/resources-overview/publications/guidance/](https://civitas-reveal.eu/resources-overview/publications/guidance/)

Will also be included in an update to the UVAR SUMP [Topic Guide](#)

Is likely to be required in future EU regulations – but more importantly, makes your UVAR better known, therefore better complied with



[UVAR Box tool](#)

www.civitas-reveal.eu

[UVAR Box final conference recordings](#)

[UVAR Exchange](#)

To get an UVARBox account: email

Sonia.Soares@armis.pt

Thank you for your attention!

For questions:

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