



Improving access to digital information about UVAR schemes - UvarBox

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Why UVARBox?

The context

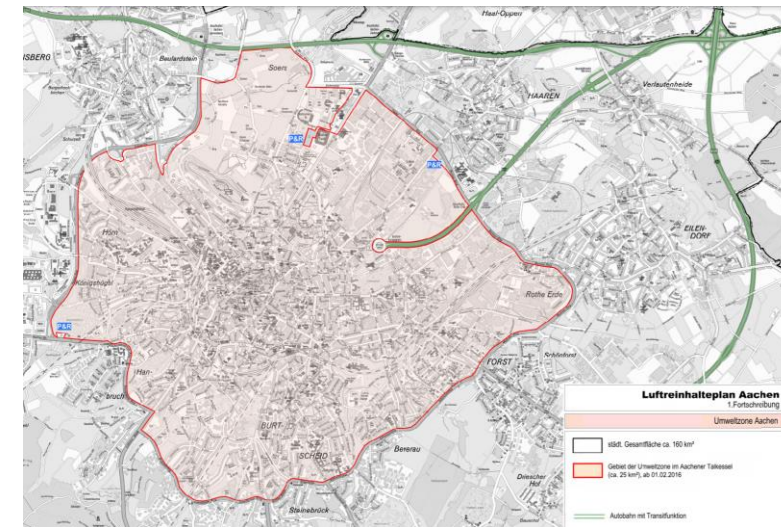
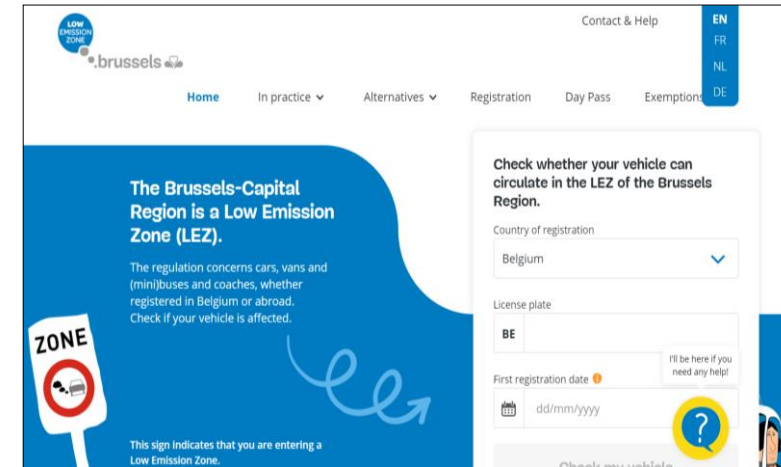
- UVAR schemes are diverse: type; spatial extent; temporally
- Information about UVAR schemes: local; not machine-readable; not standardised

The problem

- Information about UVAR schemes is not easily accessible through digital tools (navigation, fleet management, route planning apps, etc)
- Infringement is therefore high amongst foreign drivers in particular
- EC receives many complaints from frustrated drivers about penalties and lack of information

The solution

- Integration of UVAR schemes into digital tools
- Support for cities in putting their UVAR scheme into a standardised and machine-readable form

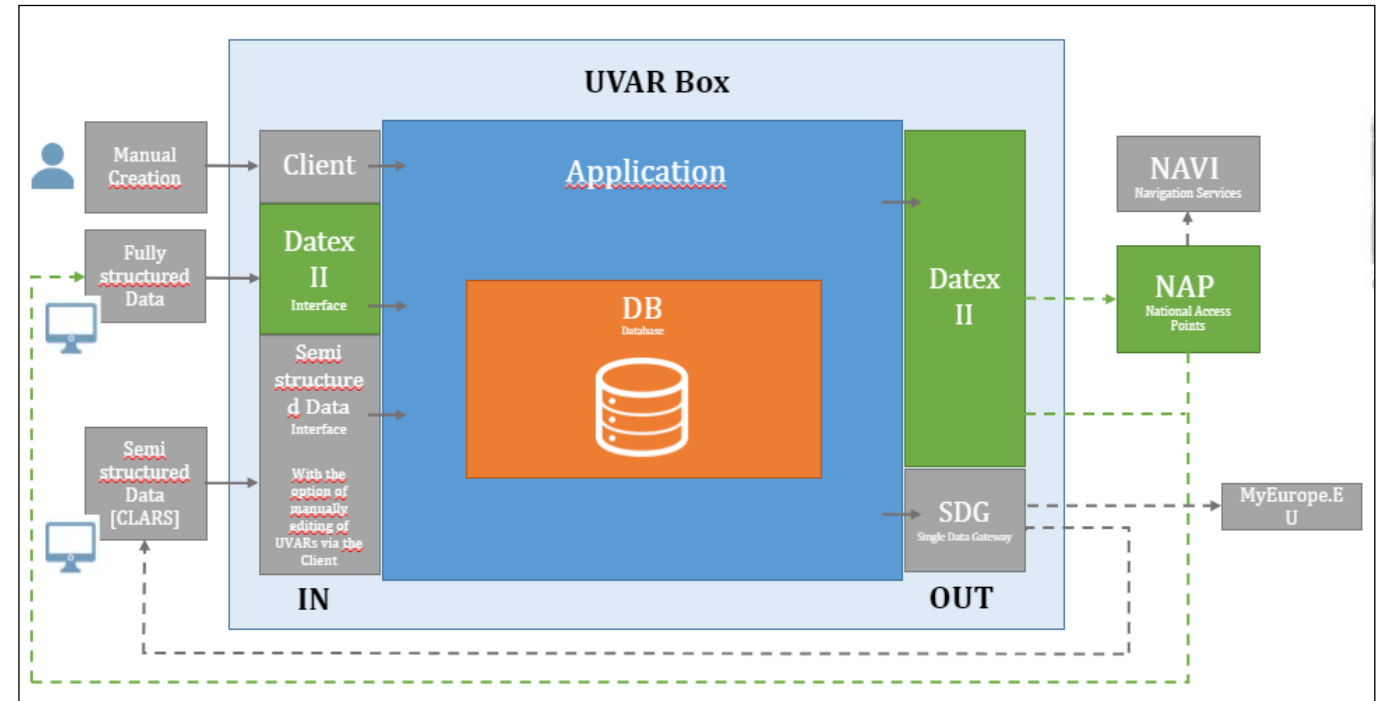




UvarBox

Tool box for Uvar implementing authorities offering the following functions:

- Automatic conversion of digital Uvar data (GIS, Excel, etc) into a standardised form (DATEX II)
- Digitisation of analogue Uvar data (eg, pdf file) & conversion into a machine-readable DATEX II file
- Generation of Word and Excel files compliant with potential European legislation (revised RTTI delegated regulation) and the SDG directive



Use cases

UC 1 : Authority has no digital data

=> Uses the client to create UVARs which are convertible to Datex II

UC 2: Authority has digital data, but not fully convertible to Datex II

=> Imports the data to the Uvar box and then fulfils it in the webclient

UC 3: Authority has digital data which is fully convertible to Datex II

=> Imports directly via the Datex II Interface

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UVARBox benefits

For public authorities:

- A tool that is fit for purpose
- Integration of UVAR schemes into pre- and on-trip information services:
 - ✓ improved compliance among drivers, especially foreign drivers
 - ✓ Fewer polluting emissions
 - ✓ Fewer complaints about not being aware of schemes/fines
- Preparedness for EC legislation (RTTI delegated regulation & SDG Directive)
- Support digitalisation of traffic regulations and wider local government digitalisation efforts

For road users:

- Easier trip planning
- More informed decisions
- Support for vehicle/fleet purchasing or renting strategy
- New types of services may emerge



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

Tender reference: MOVE/B4/2019-498 , 08/20-07/22
(Notice: 2019/S229-561113)

First workshop: 24 November!

Thank you for your attention.



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