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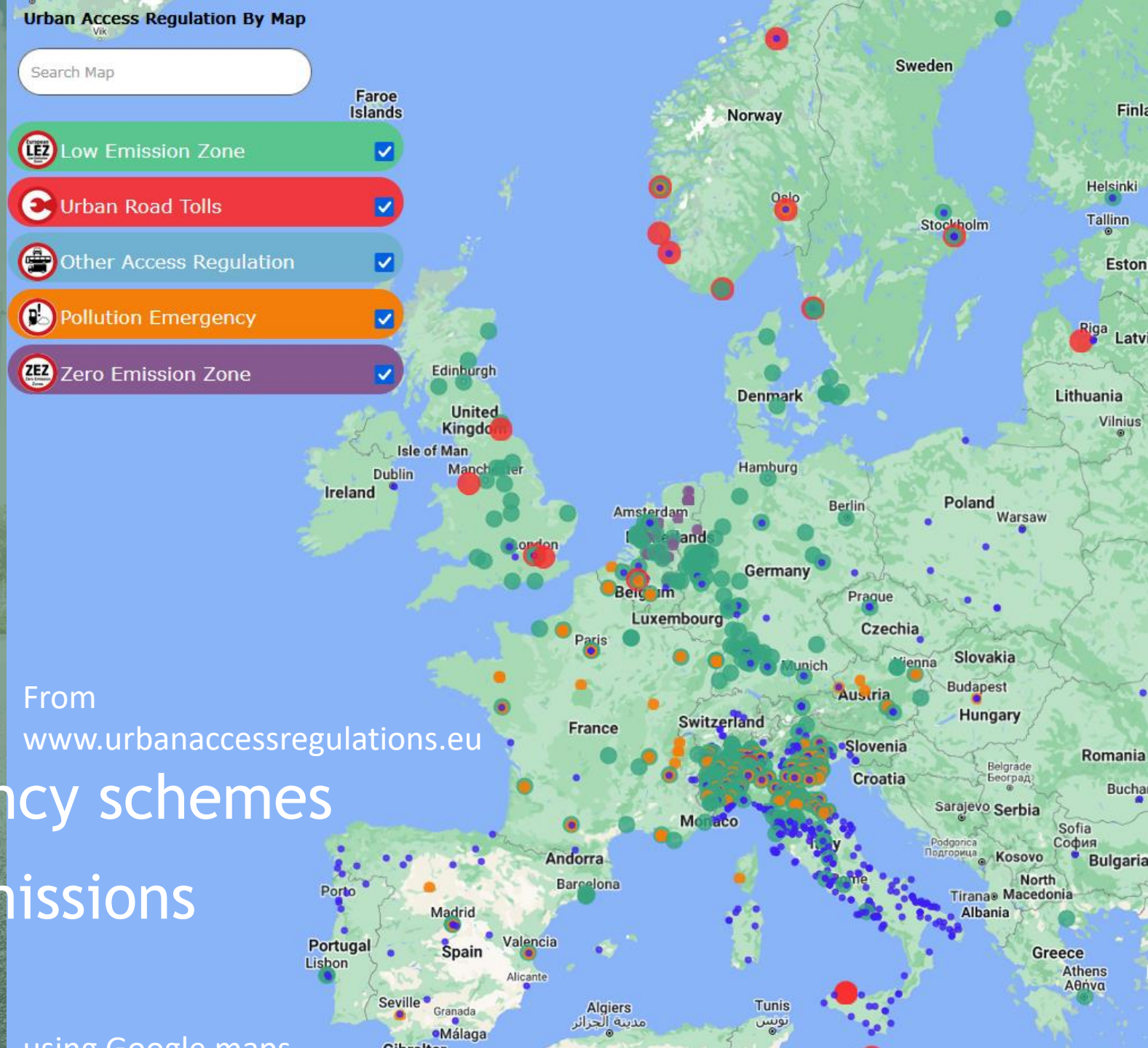
Introduction

- At the start of the UVAR Box project:
- 869 UVARs in Europe
- 830 in EU
  - 315 LEZs
  - 130 Pollution Emergency schemes
  - 394 UVARs without emissions
  - 7 charging schemes

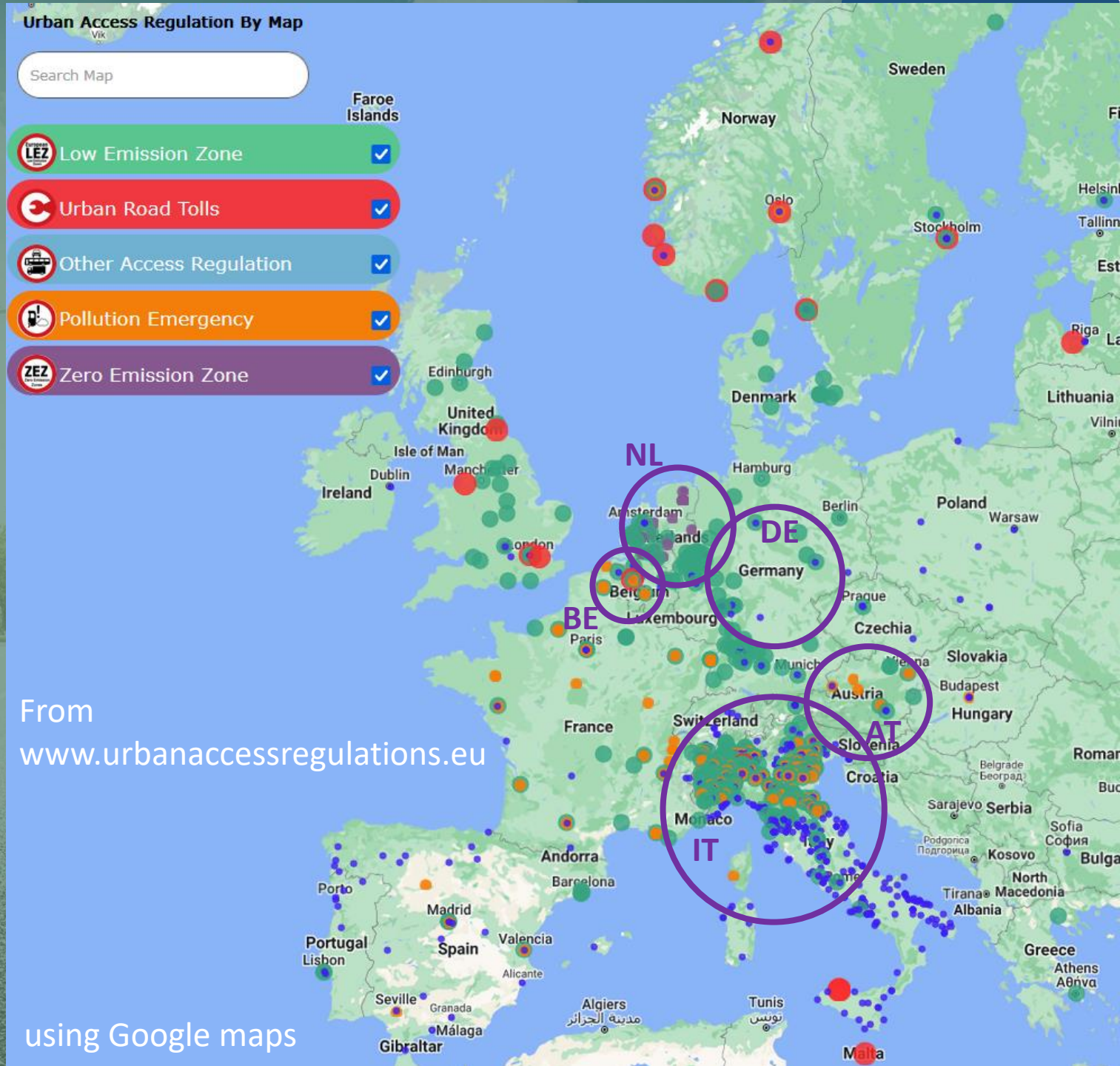


From www.urbanaccessregulations.eu

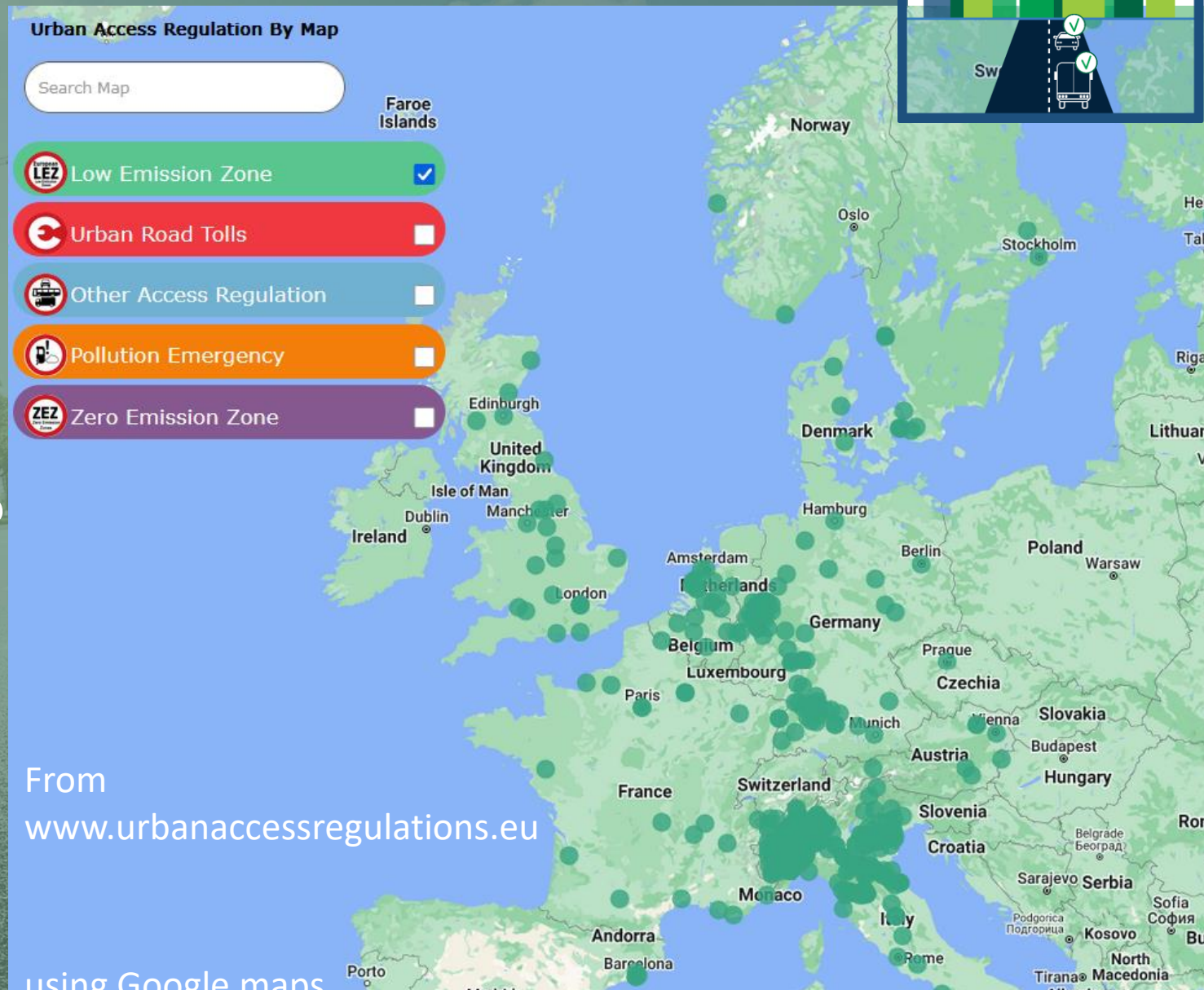
using Google maps

- 5 focus MS chosen as covered (bid writing / project start)
- AT, BE, DE, IT, NL

- 90% of all EU UVARs
- 91% of all LEZs
- & examples of all types of UVAR



- Tool usable for all UVAR types & in all MS
- Agreed data collection:
  - 100% LEZs for focus MS ≥80% EU LEZs
  - ≥1 UVAR of each type
  - ‘Best effort’ for other MS



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using Google maps

UVAR Box

Other Member States

- Outreach has been successful wrt workshops
- In Portugal, Lisbon has digitised their LEZ and LTZ
  - Digitisation undertaken in a virtual meeting with the city, shp files emailed
- Barcelona (Spain) and Riga (Latvia) have been given UVAR Box tool access, after expressing interest

UVAR Box

CC Wrap-up: Target

- The data creation target has been met ☺
- 100% of all current AT, BE, DE, NL LEZs
  - Total number of DE LEZs is lower, as many now combined into single large zone. Two LEZs have been discontinued
  - Italian country coaches digitised 196 LEZs (2 unpublished as no confirmation found on city website) = 30 more than the 166 IT LEZs at the start of the project ☺, but not all current IT LEZs
- However, number of LEZs in EU increased by 40% since 2019
  - So isn't 100% of LEZs in 5 MS (not all current IT due to increase)

CC Wrap-up (2)

- It was really difficult to get involvement from the cities, despite significant interest and contact. Contributing factors were:
  - City lack of resources
  - Short timescales in the project
- The data was often digitised by the CCs, using data from the cities websites
  - German maps were taken from the DE Environment Agency, which collects them from the regions that get them from the cities
  - Italian LEZs cover municipality boundaries, so these maps were pre-loaded
  - Dutch LEZs mainly digitised by national program UVAR Box → they use DATEX II
  - Some city-validated, others UVAR Box validation & checks

CC Wrap-up: other UVARs

- Many Austrian parking schemes were digitised, taking digitised data collected from municipalities
- A number of Limited Traffic Zones (LTZs) have been digitised
- 1 Urban Road Tolling has been digitised
- Outside focus MSs, 2 LEZs from Lisbon, Portugal have been digitised

Wrap-up: Service Providers

- Service providers are using digitised LEZ data
- Great advances have been made with some of the ‘big boys’ in the market – that are now looking into using DATEX II !

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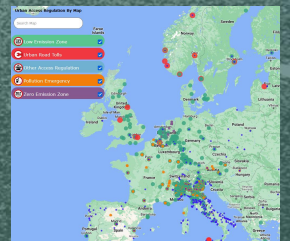
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Specialists in air quality policy