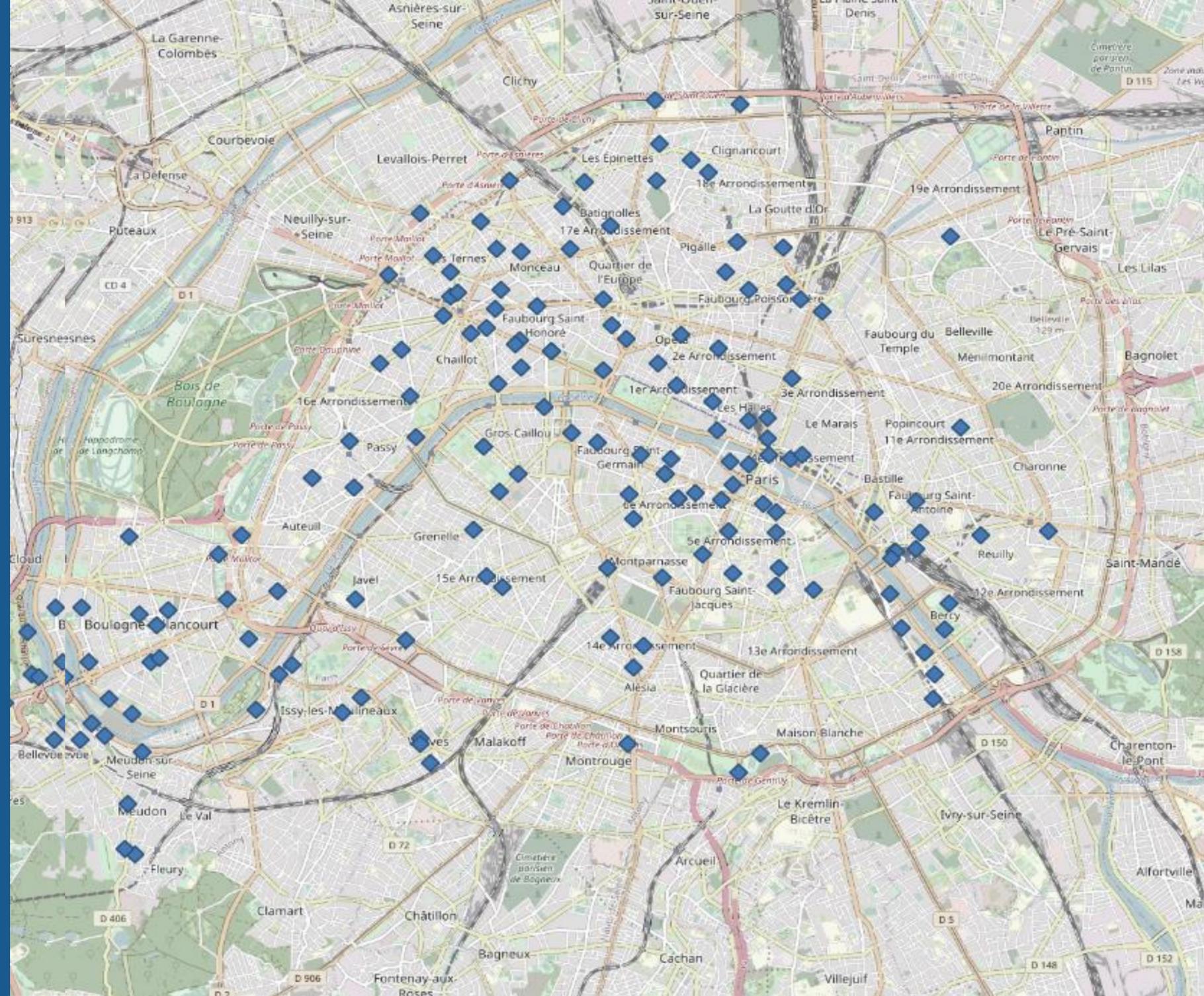


# A European Regulated Parking Data Profile

Mobility Data Days  
November 8th, 2023 | Nigel Williams

The European Parking Association



# EU Delegated Regulations

Under the ITS Directive 2010/40/EU several Delegated Regulations have been established with the objective of harmonising mobility data services across the European Union

Several Delegated Regulations reference parking related information

## Relevant Delegated Regulations:

- 885/2013 ... the provision of information services for safe and secure parking places for trucks and commercial vehicles.
- 2015/962 ... the provision of EU-wide real-time traffic information services.
- 2017/1926 ... the provision of EU-wide multimodal travel information services
- 2022/670 ... the provision of EU-wide real-time traffic information services.
- Revision of 2017/1926 - the provision of EU-wide multimodal travel information services \*

**The Delegated Regulations are written as legal texts.  
They lack precision on the data content needed to meet the obligations**

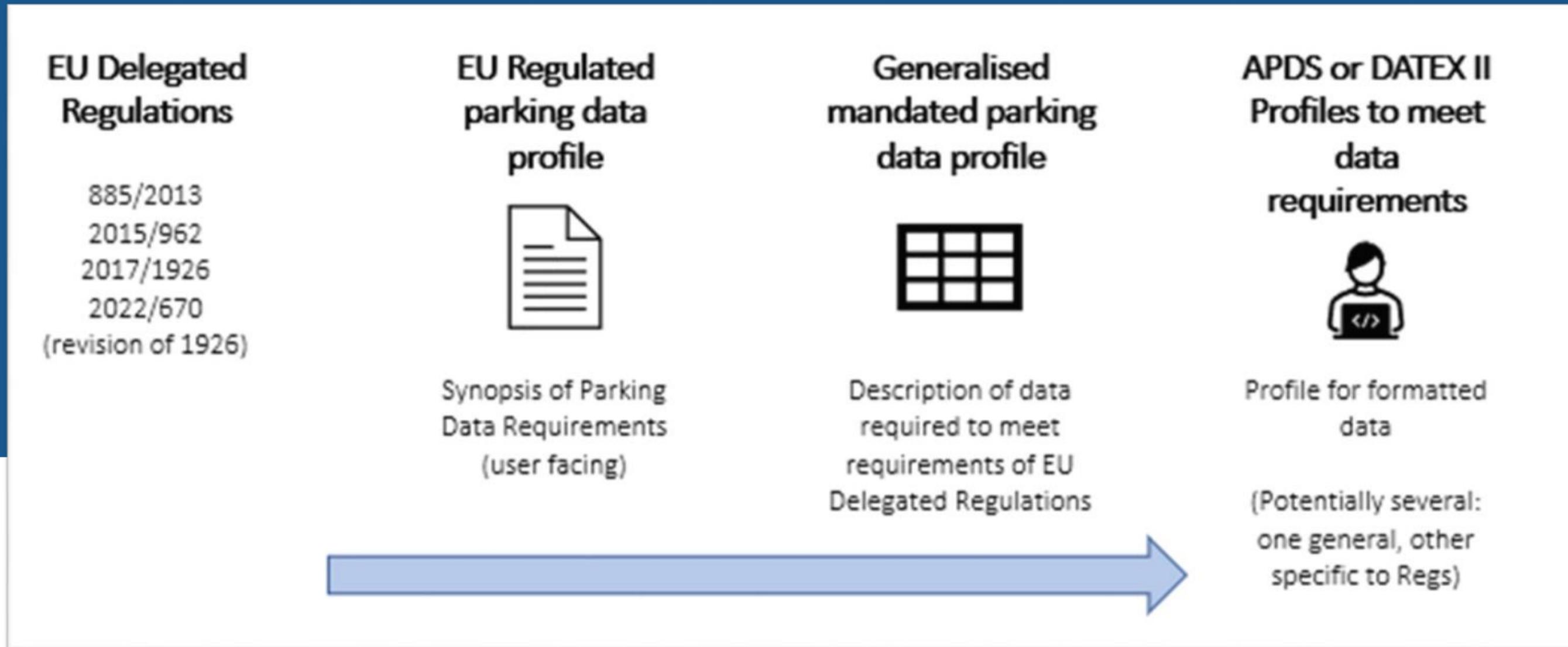


# The Obligations (Summary)

- **Safe & secure parking places for trucks and commercial vehicles – TERN network – effective now**
- **Static data on location of parking places; dynamic data on availability and cost of parking – if existing – TERN network – now but repealed 1 Jan 2025**
- **EV Charge point locations – entire road network – by 1 Jan. 2025**
- **Static data on location for all on- and off-street parking; where and how to pay – entire road network – by 1 Dec. 2024**
- **All static parking tariffs – entire road network – by 1 Dec. 2025**
- **Dynamic information on parking tariffs and car parking spaces available – entire road network – by 1 Dec. 2026.**



# Methodology



# Two products

## Developing an EU Regulated Parking Profile

Document 22 pages

Extracts Parking-related data items from Regulations



## European Regulated Parking Data Profile

Spreadsheet 300 rows

Identifies specific data elements to support data items

Group	Item	Commentary	Profile data items GENERAL	Profile data items SPECIFIC	APDS (?) data items
	Static data related to the parking areas				
	Identification information of parking area (name and address of the truck parking area)	Given name and address detail information concerning parking places (filtered from truck and commercial parking). Del. Reg. presents this as limited to 200 characters (not string)		parking place identifier	
				identifier	Place identifier
				parking place name	
				name	Place name
				parking place address	
				address (city)	Place Address.city
				address (postcode)	Place Address.postcode
				address (country)	Place Address.countryCode



# Technical Standards & Profiles

- **The Delegated Regulations indicate reference technical standards that are expected to be used for the presentation of required data.**
- **Each Regulation indicates the relevant standard(s).**
- **The two primary technical standards mentioned are:**
  - **DATEX II (CEN 16157 series, most relevant is Part 6 - Parking Publications)**
  - **NeTEX (CEN TS 16614 series)**
- **In a similar manner to the EPA profile development, a French national profile for parking data using NeTEX has been developed.**
- **Note: the APDS specifications by EPA are strongly aligned**  
**DATEX II Part 6 (2022) edition**



# NeTEx profile

- **The concepts and linkages of data in the NeTEx and DATEX II/APDS parking models differ.**
- **A proof of concept adapter/converter has been developed by EPA that enables APDS parking data to be converted in NeTEx profile compliant data.**
- **Examination of the FR NeTEx parking profile raises some interest points for discussion, as it contains some data/fields that are not obviously in the scope of the Delegated Regulations**



# Next Steps?

---

## 1. Work with NAPCORE partners

- **review and consider the draft profile**
- **finalise a European Regulated Parking Data Profile**

## 2. Communicate this widely to EPA members and get them to use it and put their data on the NAPs

Contact info:



nigel.williams@europeanparking.eu  
tom.antonissen@europeanparking.eu  
jon@harrodbooth.com



<https://www.europeanparking.eu/>

