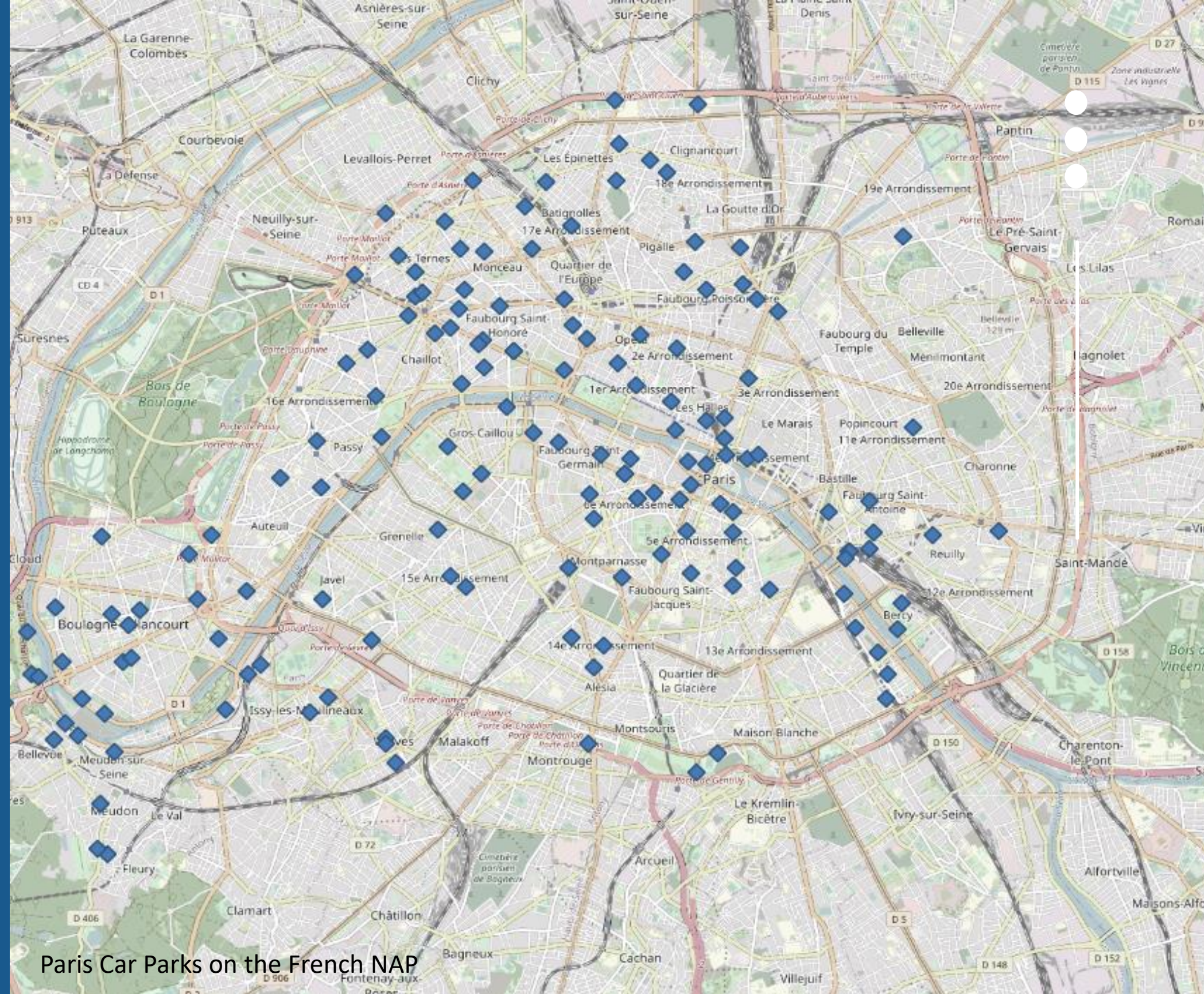


A Study of the Parking Data currently available on the NAPs



The European Parking Association



Methodology

1st Pass

Is each NAP easy to find, access and use?

2nd Pass

What Parking Data is available on each NAP?

Focus

Data quality and consistency:
(e.g. Truck Parking)

Results

Preliminary Results a

Note:

Every effort has been made to find and assess the parking data currently available on the NAPs.

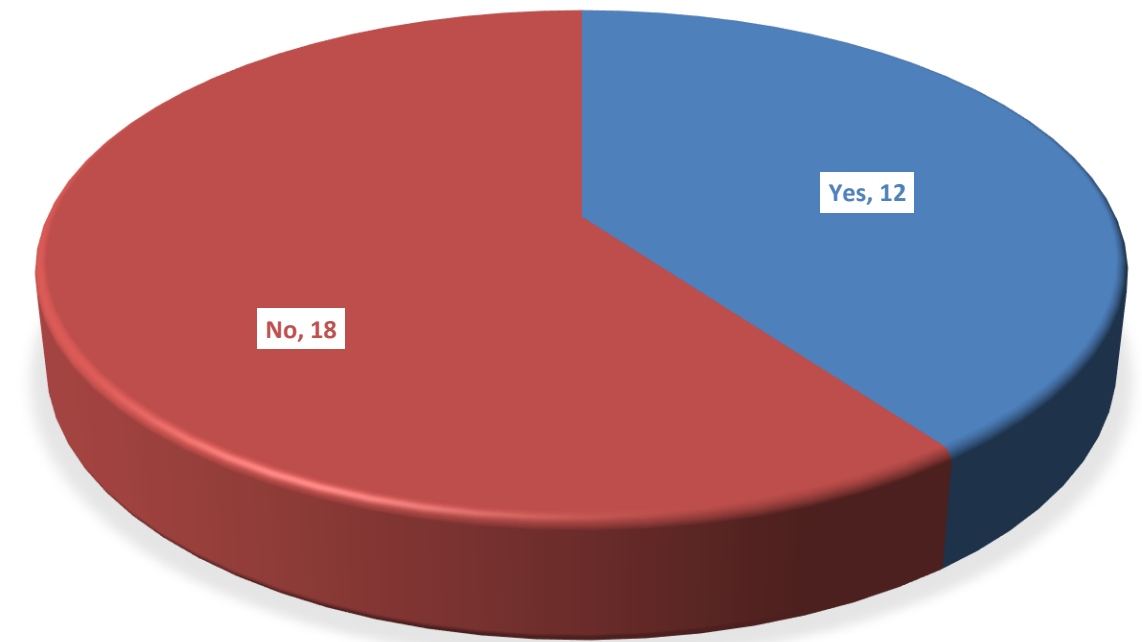
However, it is possible that not all parking data was identified / located.



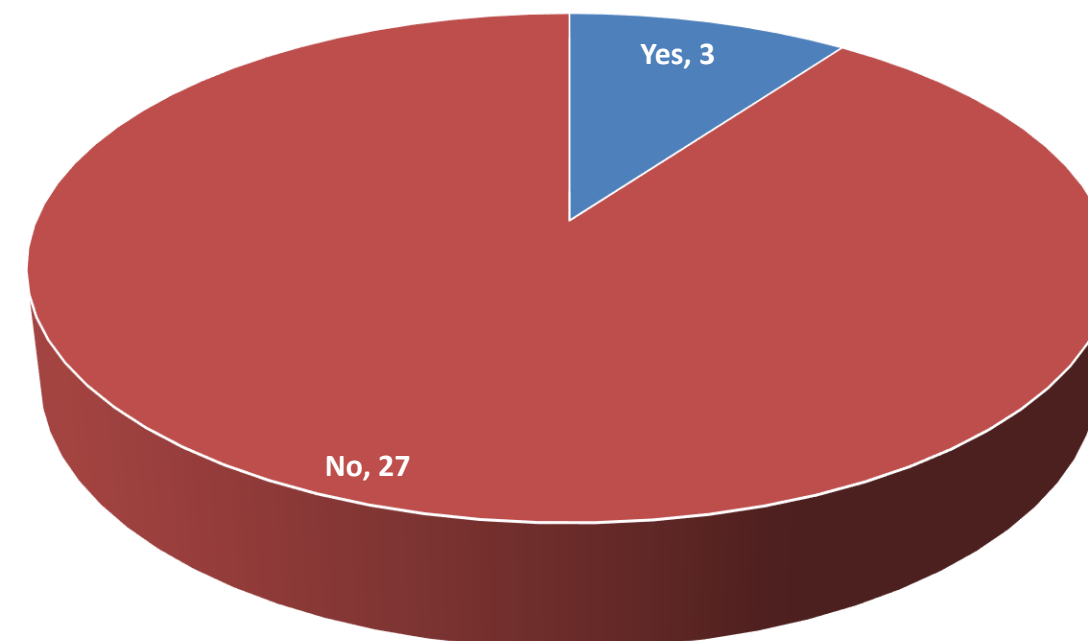
1st Pass

Are the NAPs Easy to : Find, Access & Use?

Easy to find on a Google search?



Is Registration required to access the datasets?

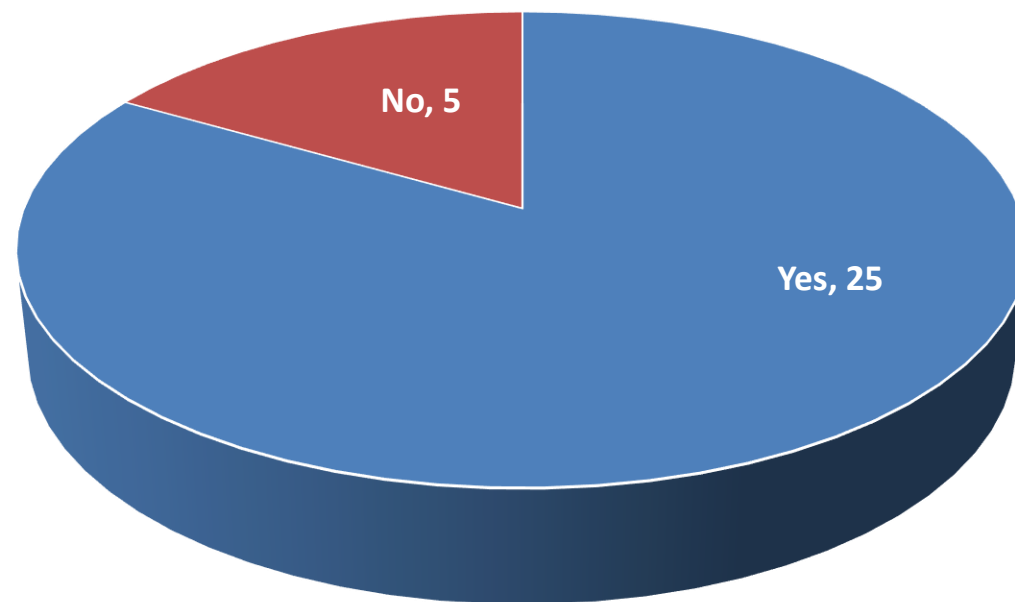


Note: The registration process, when required can be difficult or impossible.

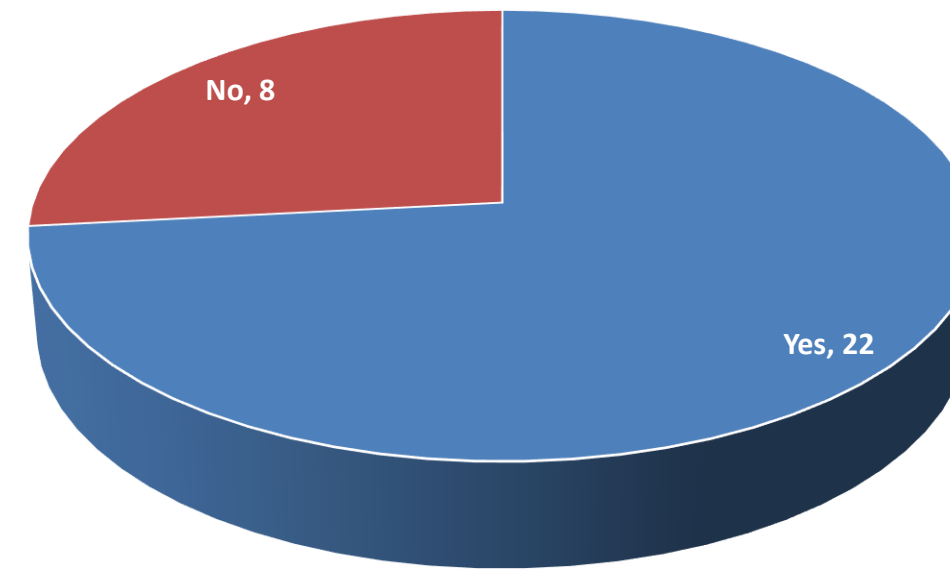


Ease of Use – Finding Content in the NAPs

Does it have a useable search function?



Does the search function yield useful results?



Notes:

- The NAPs vary immensely in terms of type, layout and data format
- The NAPs are confusing to navigate and can be frustrating to use
- However, with perseverance, a search function can be found on most NAPs
- Data is generally not available in an easily re-usable format such as JSON, XML or CSV.

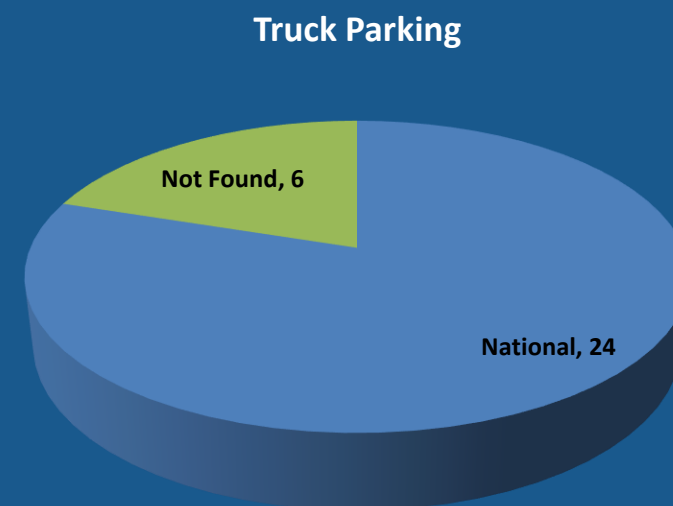
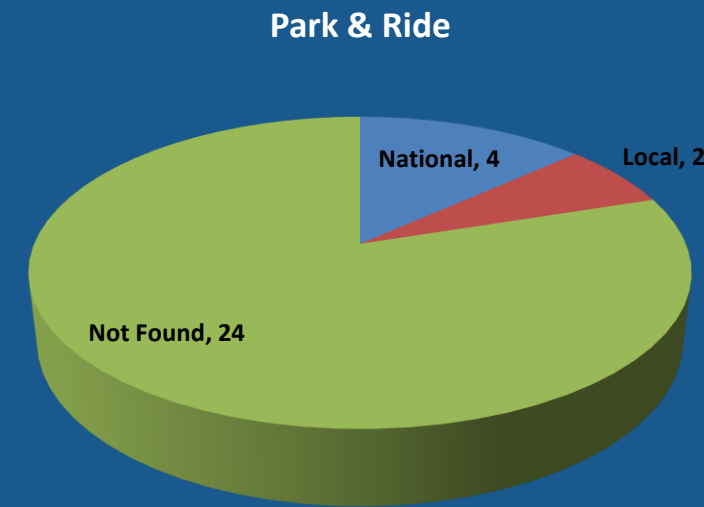
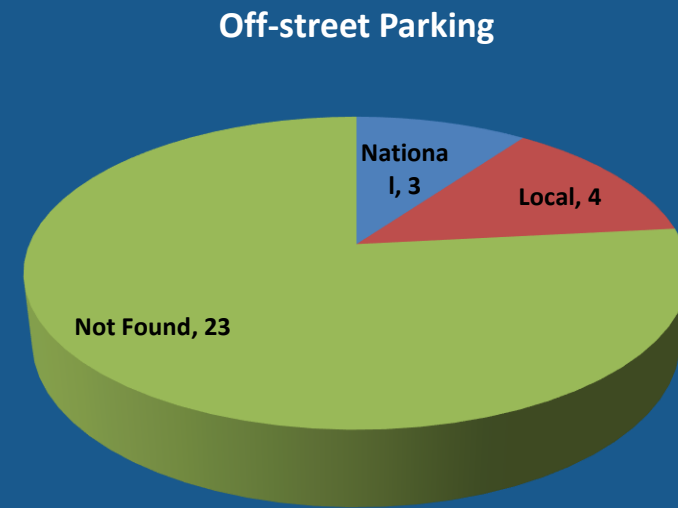


The 2nd Pass identified and analysed the parking datasets available on the NAPs

2nd Pass

Parking Datasets

- **National:** covering the whole nation (or Trans European Road Network)
- **Local:** including some regions or municipalities
- **Not Found:** No parking data found on the NAP.



Focus - On/Off Street Parking

Only 6 Member States have on/off-street parking data on their NAP

- **Austria:** good map-based data on the ÖAMTC portal
- **The Netherlands:** The National Parking Registry (NPR) appears to be complete for on and off-street parking.
Data format : NL Custom (SPDP=Subset of DATEX II)
- **France:** Data on circa 20 cities (800 car parks), many data fields are empty. Data format: NetEx
- **Germany:** Parking data from 25 German cities in the new Mobilithek NAP. Data Format: DATEX II.
- **Ireland:** Some local off-street information uploaded by individual municipalities. Data Format: Custom
- **Norway:** map-based dataset for off street parking



Focus : Park & Ride and Rail parking

6 states have some Park and Ride / Rail Parking data:

- **Austria:** good map-based data on the ÖAMTC portal
- **Belgium and Luxembourg:** appear to be complete
- **France:** has local data for some parts of the country
- **Germany:** has local data for major cities
- **Netherlands:** data forms part of the NPR
- **Switzerland:** has comprehensive data on railway station parking



Focus : Secure Cycle Parking

Searches for 'secure cycle parking' did not yield results.
However, 5 states have some cycle parking data:

- **Austria** bike sharing data at rail stations through OBB rail
- **Belgium** has some data, but the raw data could not be accessed by researcher
- **France** has a dataset exported from OpenStreetMap
- **Luxembourg** has cycle parking information for Luxembourg city
- **Ireland** has some data from municipalities.



Preliminary Study Results

The NAPs are inconsistent in structure and format

There is very little urban parking data on the NAPs, only 6 out of 30 have any

The NAPs are generally confusing and frustrating to use and search

The Netherlands' NAP is easiest to access and has the most complete parking dataset, however it still confusing and hard to navigate

From the point of view of a data consumer the limited parking data available on the NAPs is incomplete and not very useful

The Cyprus , Malta and UK NAPs appear to have no urban or truck parking data