



EUROPEAN PARKING ASSOCIATION

Positively promoting parking solutions for sustainable mobility

Introduction to EPA

Intertraffic Amsterdam, EPA Presidents' Session, 17 April 2024

European Parking Association

The background of the slide is a photograph of a long row of colorful flags from various European countries, including the United Kingdom, France, and Germany, flying from a building. The flags are arranged in a perspective that recedes into the distance. The image is slightly blurred and has a light blue overlay.

Founded 1983 in Vienna

Umbrella organization
(recently) based in
Brussels

Represents the parking
sector in Europe (public &
private, on- & off-street)

EPA Mission Statement

Provide mutual support, exchange of professional experience, scientific research and information to its members

Monitor and engage with initiatives at EU level related to parking management and sustainable urban mobility

EPA Members (old and new)

24 Full Members (national associations)

Austria	Italy
Belgium	Luxembourg
Bulgaria	Netherlands
Croatia	Norway
Cyprus	Poland
Czech Republic	Serbia
Denmark	Slovakia
Finland (2 Associations)	Spain
France	Sweden
Germany	Switzerland
Ireland	Turkey
	United Kingdom

34 (+4) Associate (**Corporate**) Members

Aeroparker	Hub Parking Technology
Amano	Ispark
Arvoo	MG Comm
Automatic Systems	Mycicero
Came Parkare	Nagels
CCV	Orbility
Commend	Partktrade
Designa	Parkunload
EasyPark	Planet
EMPARK	Projekt w
EPC	Riverty Group
Evopark	Scanacar
Fair Parken	Scheidt & Bachmann
Flowbird Group	SKIDATA
Gart	Smart Parking
Genetec	Unip
Hectronic	Worldline
	+ APCOA, Indigo, Interparking, Q-Park

EPA Board 2023/2024



President
Nigel Williams
British Parking Association
United Kingdom



Vice President
Michael Kessler
Bundesverband Parken
Germany



Vice President
Stefan Sadleder
WKO
Austria



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Belgian Parking Federation
Belgium



Board Member
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Vexpan
Netherlands



Board Member
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FNMS
France



Board Member
Jaime López de Aguilar
ASESGA
Spain



Board Member
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NORPARK
Norway



Associate Board Member
Morten Hother Sorensen
EasyPark
Sweden



Associate Board Member
James Toal
Skidata
Austria

EPA Secretariat



Tom Antonissen
Executive Director



Vasiliki Orfanaki
Finance & Office Manager



Pauline Delannoy
**Research & Project
Manager**



Melina Keinemann
**Events & Communication
Manager**



Yasmin Jefferies
**Membership Development
& Social Media Manager**

EPA General Assembly

- Takes place annually in September (in Brussels)
- Election of the EPA Board and Policy & Strategy Committee
- Budget approval
- Each Member sends a Voting Delegate



EPA Activities

- Studies and publications (e.g. Electric Vehicle Charging in Europe, Erasmus UPT, 2022)
- **Biennial European Parking Congress & Exhibition (17-19 September 2025, Brussels)**
- EPA Awards
- European Standard Parking Awards (ESPA) Off-Street and On-Street
- **Parking Trend International (PTI)**
- Cooperation with POLIS, MaaS Alliance, ALICE, ERTICO – ITS Europe, AVERE, NAPCORE, ...



EPA Committees & Working Groups

- ✓ Policy & Strategy Committee
- ✓ Scientific Committee
- ✓ Congress & Events WG
- ✓ Communications WG
- ✓ EVs & Fire Safety WG
- ✓ Digitalisation & Data WG

Join us!

www.europeanparking.eu



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Positively promoting parking solutions for sustainable mobility



**EUROPEAN
PARKING
ASSOCIATION**
*Positively promoting
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for sustainable mobility*

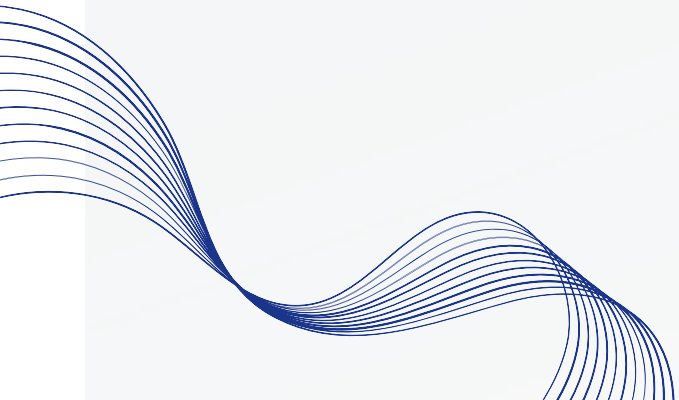
KEY TRENDS IN SMART MOBILITY & SMART PARKING

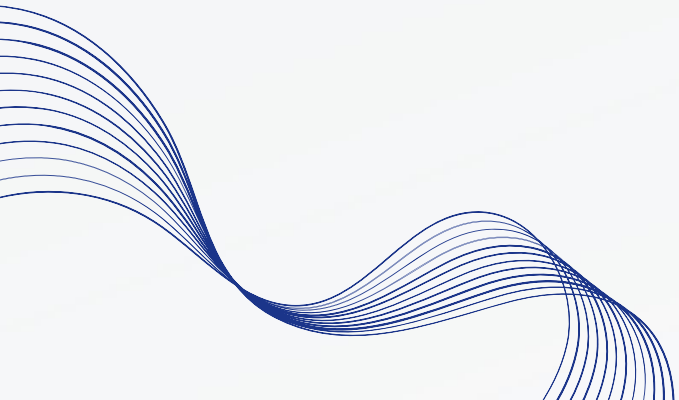
HOW MOBILITY, ENERGY AND URBAN SPACE
ARE COMING TOGETHER IN
SMART PARKING MANAGEMENT SERVICES

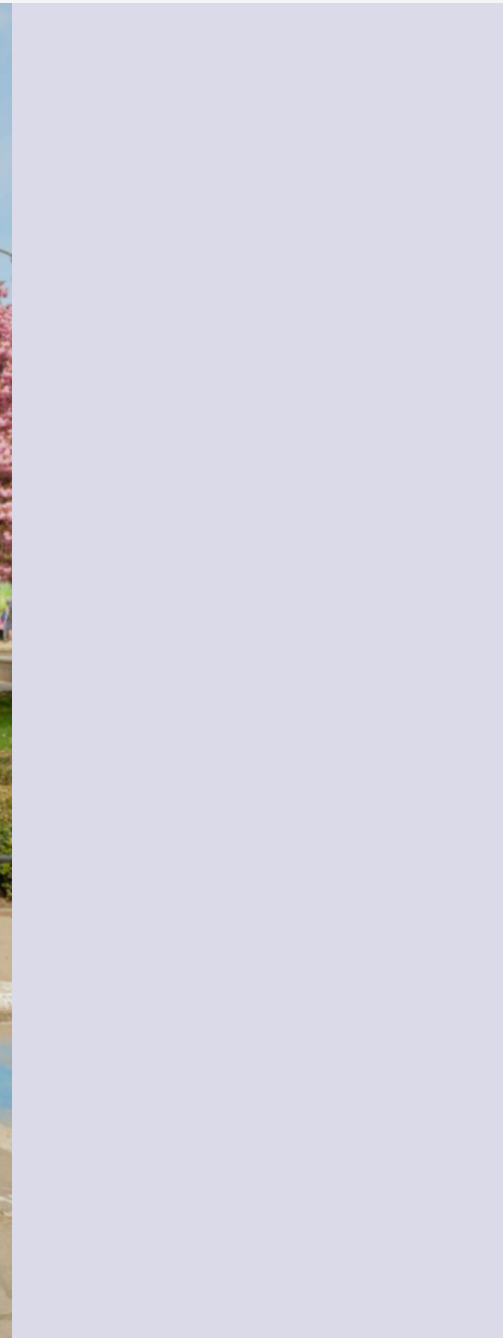
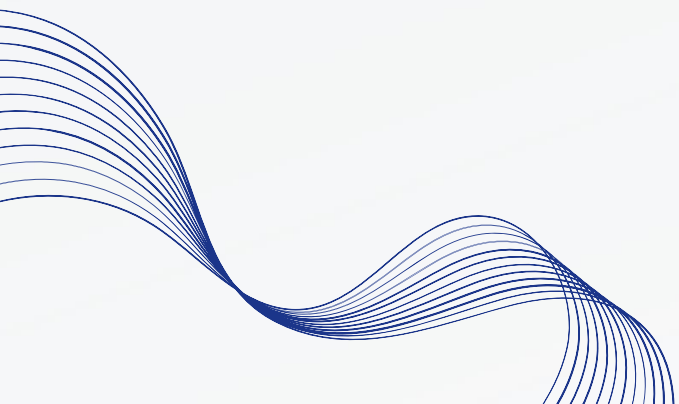
Nigel Williams
EPA President



1985



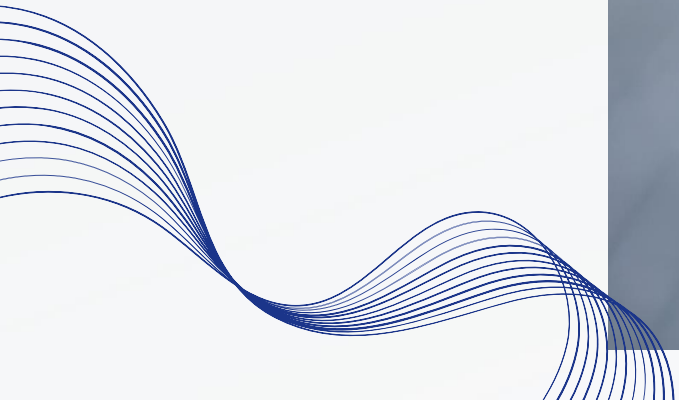






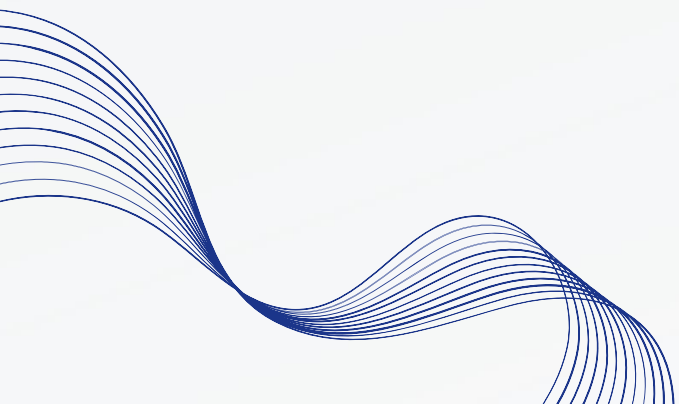
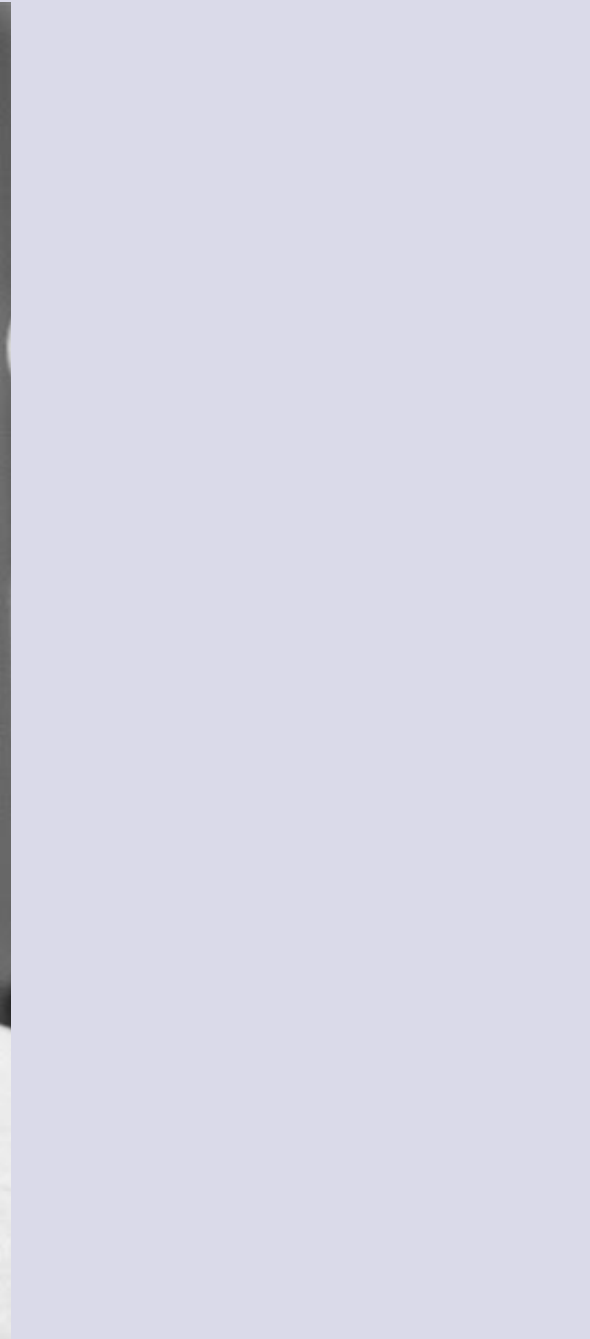
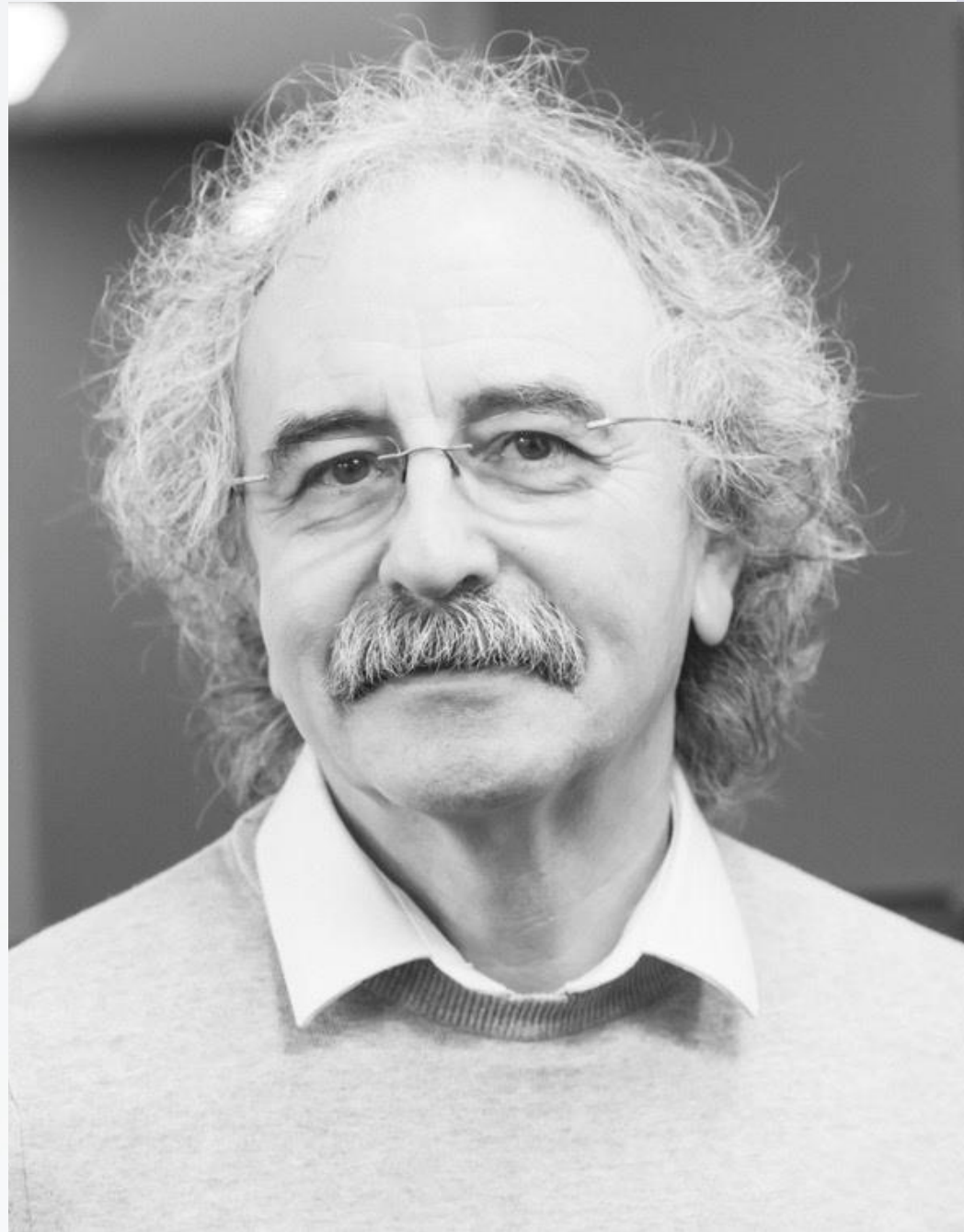
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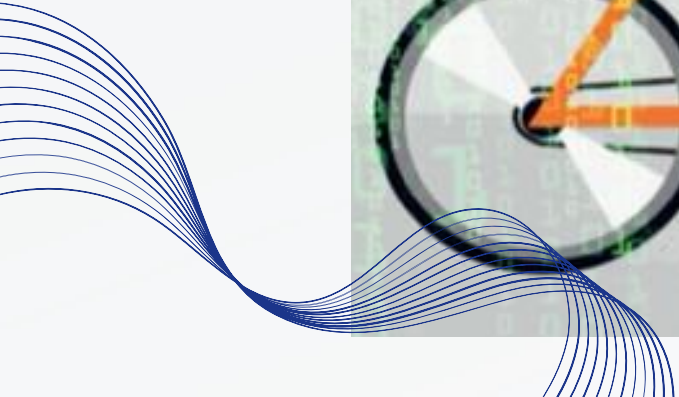






2024







Customer Apps



Online Booking



Connected Vehicles



Automated Valet Parking



Emissions Reduction



Last Mile Logistics



MaaS



Car Sharing



Micro Mobility



Availability Information & Routing



EVC Availability



Space Availability



Multi Vendor Phone/App Payment



Reservation Service



On Street Space Info



Enforcement



Access Control



Resident Permits



On/off Street Payment



Monitoring & observations



Intelligent Deployment



Back Office

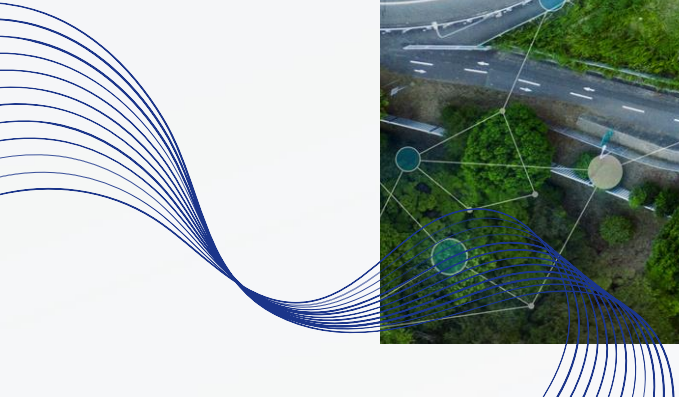


Reporting & Business Intelligence



ALLIANCE FOR PARKING DATA STANDARDS

THE INTEGRATION CHALLENGE





QUESTIONS?

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WWW.EUROPEANPARKING.EU



Key trends in smart mobility & smart parking

Peter Dingemans
Vice-President Vexpan

Intertraffic – April 17th, 2024

VEXPAN

PLATFORM PARKEREN NEDERLAND

M

Mission = the authority in the field of parking within the mobility and sustainable urban development sector.

V

Vision = we strive to connect the various stakeholders through the exchange of information in the knowledge network, in order to continuously improve the quality of the field of parking.

Commissions



Members:



Municipality



Operators



Suppliers



Consultancy



Cooperation



Ministerie van Infrastructuur en Waterstaat





How mobility, energy and urban space are coming together in smart parking management services

- CLIP - EV charging in public car parks
- NPR – National Parking Register
- Napcore

CLIP - EV charging in public car parks



VEX PAN
PLATFORM PARKEREN NEDERLAND

CLIP - EV charging in public car parks

- **Convenant Laadinfrastructuur In Parking garages**
- **Unique co-operation**
- **WG members**
 - Ministry of Infrastructure and Water Management
 - Representation of the Vexpan municipalities committee
 - Parking operators: Q-Park, Interparking, APCOA
 - Grid operator representative(s)
 - Vexpan / chair
- **Ambition: 5% of spaces equipped with charge points by 2025 and 10% by 2030**

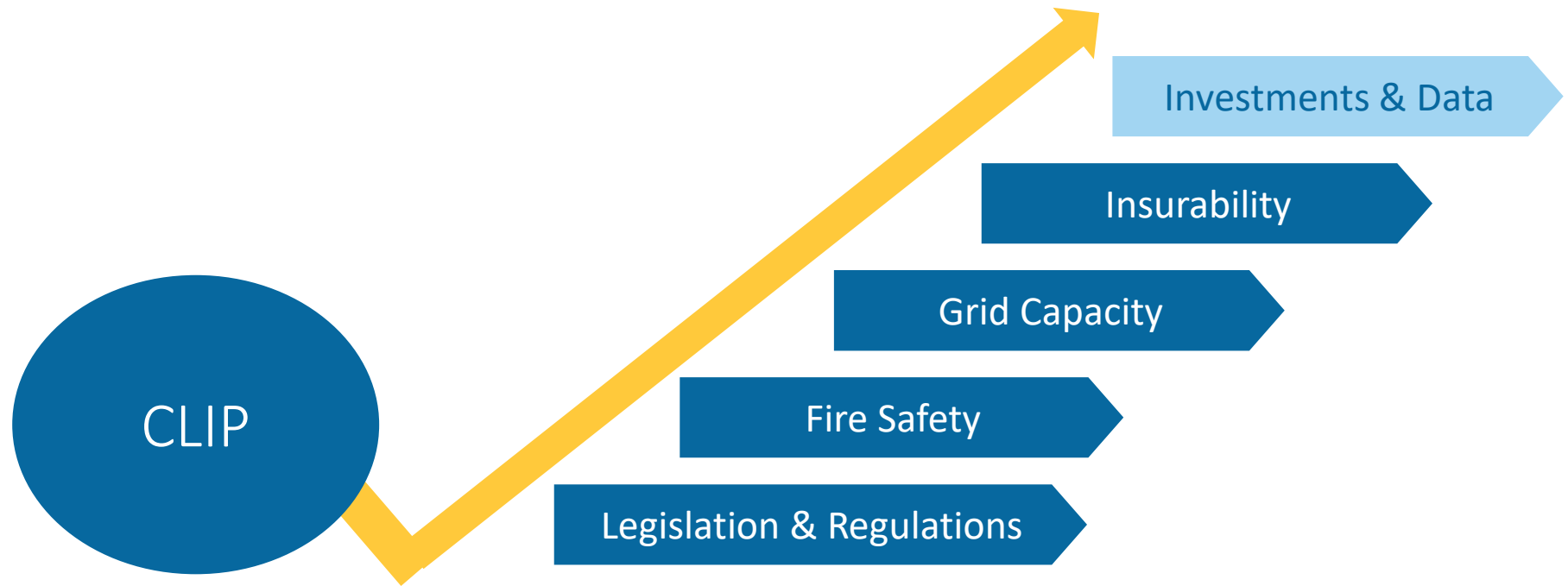


Ministry of Infrastructure
and Water Management

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Focus areas that can accelerate or delay the ambitions



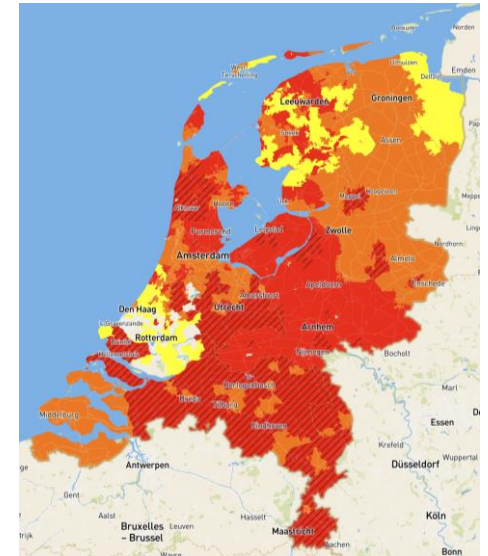
EV-charging infrastructure realised in 2023

Dataset 15-11-2023	# Charge points	# Parking spaces	# Locations	%
Commercial Operators	2.039	90.513	187	2,6%
Municipal Operators	1.724	89.919	222	2,0%
Managed locations	273	71.821	337	0,2%
Total	4.036	252.253	746	1,3%

<https://vexpan.nl/wp-content/uploads/2024/02/3.12-2024-Jaarrapportage-CLIP-Werkgroepresultaten-2023.pdf>

CLIP - EV charging in public car parks

- NL: BEV+PHEV = **8,4%** (March 2024)
- Challenges & focus
 - Grid capacity vs. required charging infrastructure
 - Data collection update
 - Alignment with knowledge institutes - ElaadNL / NIPV
 - Alignment with EPA WG EVs & Fire Safety



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NPR – National Parking Register

- NPR – National Parking Register
- RDW - the Dutch Vehicle Authority
- SHPV - Service Centre Parking and Residence Rights



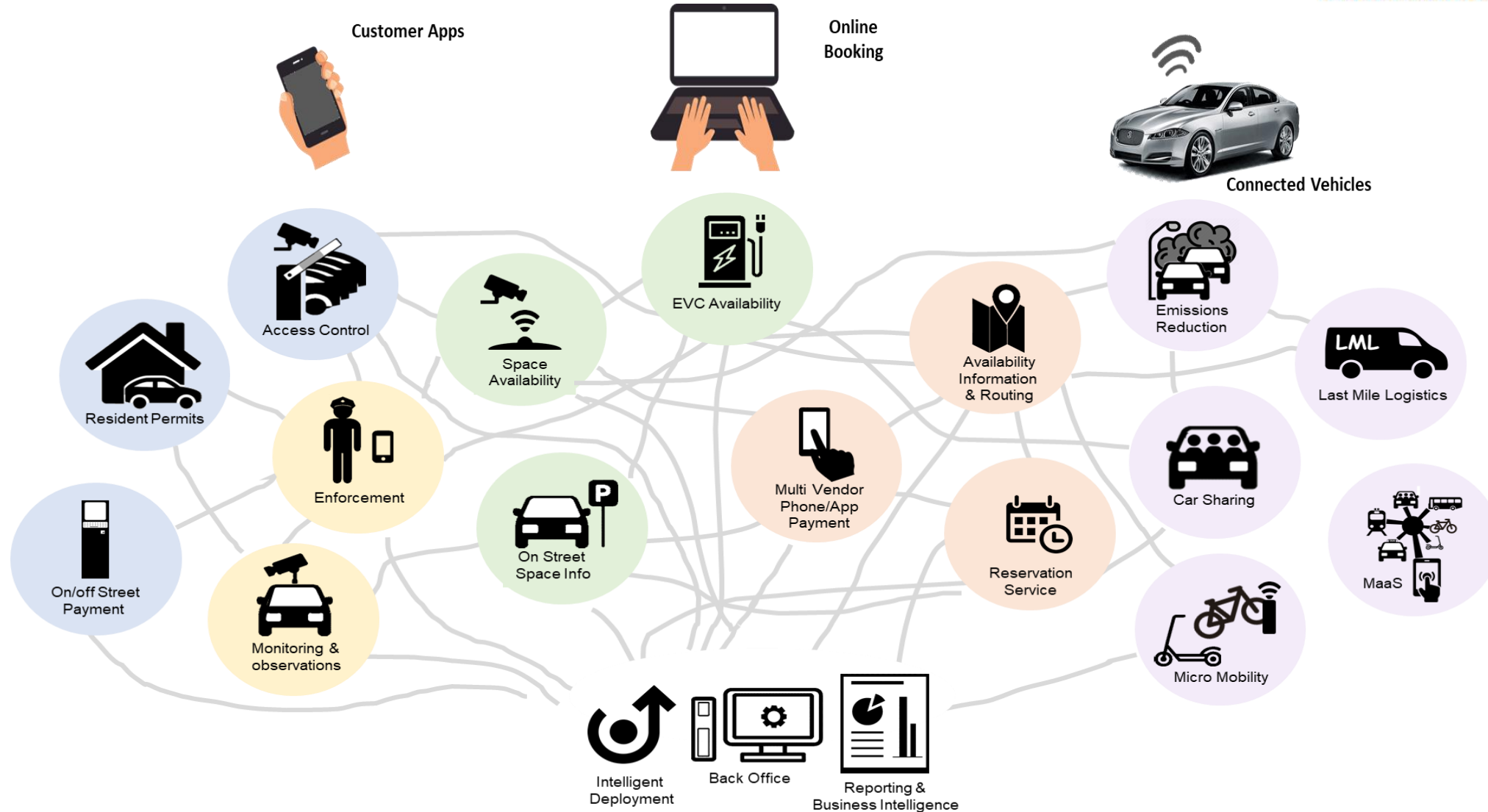
What is the NPR in the Netherlands?

- The National Parking Register (NPR) is a national database in which all current parking rights are registered by license plate.
- The NPR provides the necessary basic infrastructure with which municipalities can digitalise parking services step by step.
- The NPR enables new parking services for municipalities. This provides citizens with a better parking service and municipalities with favourable rates through collective purchasing and more effective and efficient enforcement.



PLATFORM PARKEREN NEDERLAND

Smart Parking Landscape



Overview of NPR Services

- Facilitating **mobile parking** through all parking providers
- Registering **permits and parking rights** via P&D machines
- Registering information about **parking areas and rates**
- Registering **disabled parking permits** [Blue badge]
- Enabling digital **parking enforcement**
- Pilot **Flexible Parking Authorisation** [Car Sharing companies]
- **Off-street parking** with mobile parking providers



Napcore



- **National Access Point Coordination Organisation for Europe**
- ITS Directive 2010/40/EU - establish NAP's
- Dutch NAP NTM <https://www.toegangspuntmobiliteit.nl>
- Focus on availability of all multi-modal mobility data
- Parking data of on-street & off-street facilities available as open data
- Source RDW <https://npropendata.rdw.nl/>
- Vexpan participation in EPA WG Digitalisation & Data + EPA WG EVs & Fire Safety



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Enjoy your day

www.vexpan.nl

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Questions?

www.europeanparking.eu



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