Project name:	E-parking management
Date:	16 June 2022 14-15h30
Notes:	Kurt Marquet & Peter Van der Perre
Location:	Zoom meeting
Participants:	Attached

Agenda:

1. Challenges for the city - *Nathalie Neirynck, Consultant mobility and parking policy, City of Antwerp*
2. Challenges for CPOs - *Stefaan De Ganck, Director Mobility & New Energies, TotalEnergies*
3. Start of an overall approach to 'business architecture' - *Kris De Pril, CEO, Geosparc*
4. Discussion - lessons learned - common steps forward - *Peter Van der Perre, director, ITS.be*

Notes & decisions

0.
Peter Van der Perre, director ITS.be, welcomes all participants and highlights the goal of this meeting. Goal of the webinar is to give an overview of emerging best-practices (at the urban & regional level) when deploying charging infrastructure in combination with related domains such as parking management, enforcement and interventions in the public domain. The roll-out of charging stations has started and will accelerate, therefore this is a good moment to take stock of where we are and what is needed to manage this optimally in the future, from the point of view of cities, charging point operators and the end users.

Slides – recording

1.
Nathalie Neirynck, consultant mobility and parking policy of the City of Antwerp sets the scene by explaining Antwerp's electromobility policy and by showing how operational excellence requires linking to different domains. She also shares some first lessons learned.

Q&A:
- Regarding charging stations in semi-public places sur as car parks, did you had any problems with the firebrigade or insurance companies?
  - There is indeed a problem for parking garages lower than -1. Not every city follows the same rules for this.
  - Agoria and Fireforum have made a paper on this topic (NL / FR)
- Is Antwerp fine with electrical cars staying put at charging station without charging while they pay parking fees?
  - No but we can't do anything about this at the moment since this is a grey zone in the Federal highwaycode. They are changing this in the coming weeks/months. After this change, we will possible to enforce this.
  - ITS.be as well will follow up on this topic.

2.

Stefaan De Ganck, Director Mobility & New Energies at TotalEnergies shares his view as CPO and highlights 6 lessons learned:

1. Data-driven approach

- in choosing locations
- in determining when to open a 2nd EVSE, there are 2 options:
    - some cities wait to open a 2nd EVSE on a charge point until there is sufficient demand
    - some cities do it immediately and this quickly attracts new demand

So the 2nd option seems better - it seems to be a self-fulfilling prophecy

2. EVSE availability = charge point accessible + in operation

- maintenance is a challenge

3. occupation rate vs rotation

- minimal nr of sessions per day is needed for CPO for a positive business case
- this is a joint responsibilit, for:
    - authority
    - CPO
    - customer (awareness)

4. icing & 'laadpaalkleven' (electric vehicle not leaving after charging)

- needs to be avoided completely, rotation needs to be stimulated
    - call for legal framework adjustment (road code) asap
    - motivate customers
        - carrot: to choose the right time for charging (when low demand)
        - stick: punishment/rotation fee: this needs to be sufficiently <u>high</u> - enforcement is essential

5. legal framework on parking management & use of charge points

See above

6. customer experience & user interface: take away the frustration of e-drivers!

- Again, joint responsibility:
    - CPO
    - authorities
- mindshift is needed (reluctance to provide dedicated charging infrastructure to e-drivers is luckily dropping)
- communication of the CPO is key (price, availability, status of session)

He concluded that so far fantastic work has been done by engineers but that we are only at the beginning of realising operational excellence: operational parking management (and enforcement) can be greatly improved. This leads to the following take-ways:

1. Every stakeholder has to communicate his experiences. Let's be modest - what is key today could be useless tomorrow
2. Foresee enough resources. Writing the tender is the easiest part. Foresee more manpower than before

Q&A:

- How open is TotalEnergies to integrate EV capabilities with smart parking solutions in the B2B/private parking space?
  - We have been the market leader for several subdomains within the fuel market. So we have a very large set of customers and we help them in this transition toward e-mobility. Smart parking and charging solutions are within our portfolio that we offer to B2B customers.

3.

Kris De Pil, CEO Geosparc, hightlights how they support companies & cities towards effective and supported policy and decision making with GEO platforms and Data Technology that facilitates and drives processes with qualitative data from APIs and IoT hardware.

Main points:

- Process-driven approaches not technology-driven approaches
- Qualitative data
- Public interest means interoperability

Must-win battles:

- Support cities towards a data-driven enforcement process (policy & operational perspective) - train for enforcement
- Interoperability & open data policies become the standard within the public domain
- Vademecum / best practices towards optimisation of use and availability

Note good enforcement is win-win: it also means extra revenue.

4.

Peter Van der Perre starts the discussion part by stating that ITS.be:

- Promotes a white paper - happy to help expand support for it -> this should lead to a public vademecum in each of the regions
- Promotes a common business architecture and interfaces incl open data.

Some lessons learned that he heard:

- operational excellence is needed in a public-private (and evolving) setting -> this is a big challenge
- there is clearly a need for data-driven policies
- good moment to accelerate digital transformation in administrations & foresee enough resources
- link e-mobility with ALL other relevant domains.

The 3 speakers concluded:

- today we work demand-driven; we should go to data-driven + suggested open data that are public
- think strategic - people travel across entire regions (and across regions)
- work together, not a single stakeholder knows it all
- global approach over the ecosystem
- we have a lot of data & experience, challenge will be to share
- next step is whitepaper

Peter Van der Perre concluded that this topic will also be part of the bigger **ITS.be congress** (> 600 people in attendance, including the responsibles of many administrations) which will take place on Thursday **6 October** (Bluepoint building Brussels), where one of the sessions focusses on e-mobility (possible topics):

- Public charging infrastructure & data - Simon Ruyters, Beleidsmedewerker Clean Power for Transport, Departement MOW & Roderick van den Berg, CEO Eco-Movement
- Putting it all together in a city, towards a common business architecture - Lukas Dedecker, Coördinator Team Modal Shift Stad Antwerpen & Stefaan De Ganck, Director Mobility & New Energies TotalEnergies & Kris Depril, CEO GeoSparc
- Price transparancy for e-mobility - FOD Mobility & BOSA
- View of the power grid manager on electromobility - Fluvius, Sibelga

Of course, ITS.be warmly suggests all participants to join the congress - a unique matchmaking, knowledge-sharing and business development opportunity in Belgium:

http://its.be/congress2022

Webinar e-parking management
16 June 2022
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Participants list

First name	Last name	Organisation
William	Assenmacher	Lab Box
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Mélisa	Blot	BELGIAN FPS MOBILITY AND TRANSPORT
Jaak	Boon	MOW Vervoerregio Vlaamse Rand
Michael	Bradner	Genetec
Margot	Bultinck	Optimile
Amelie	Cardyn	Agoria

Pieter	Ceuppens	Spie
Nelson	Charlier	Rauwers
Oleg	Chtchoupak	Swarco Traffic Systems GmbH
Grégory	Claessens	Brussels Mobility
Benoit	Criel	Optimile
Caro	De Brouwer	Fastned
Tim	De Ceunynck	LRM
Patrick	De Coninck	Stad Gent
Stefaan	De Ganck	TotalEnergies
Tom	De Kegel	Geosparc
Wim	De Nert	Shell Recharge Solutions
Kris	De Pril	Geosparc
Hans	De Ruysscher	Yunex Traffic
Ludwig	De Schryver	QPark - CityParking
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Lucia	Di Sclafani	Genetec inc
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Sander	Hereijgers	Pluginvest
Jef	Heyse	Mobinck
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Arne	Richters	Allego
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daniel	sevenhans	city of Antwerp
Serge	Starckmann	EDI Network
Damien	Sury	Bruxelles Environnement
Xavier	Teys	Mobiliteitsbedrijf Stad Gent
Geert	Thoelen	Smart Region Limburg
Jean-Marc	Timmermans	Agoria
Anse	Uyttersprot	Stad Leuven
Yoram	Van Camp	VO
Peter	Van der Perre	ITS.be
Anke	Van Elsacker	Q8
Mathias	Van Gossum	Deloitte
Anke	van Hintum	Optimile
Michiel	Van Hove	GeoMobility
Koen	Van Melckebeke	Mobiliteitsbedrijf Stad Gent
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hans	van winckel	be-mobile
Katrien	Vandenhecke	Stad Gent
Arnaud	Vandeputte	Powered by Zeno
Michael	Vanderheeren	Smappee
Tom	Vandeweghe	Interparking
Koen	Vansteenland	Stad Brugge
Mattias	Vansteenwegen	Tractebel

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