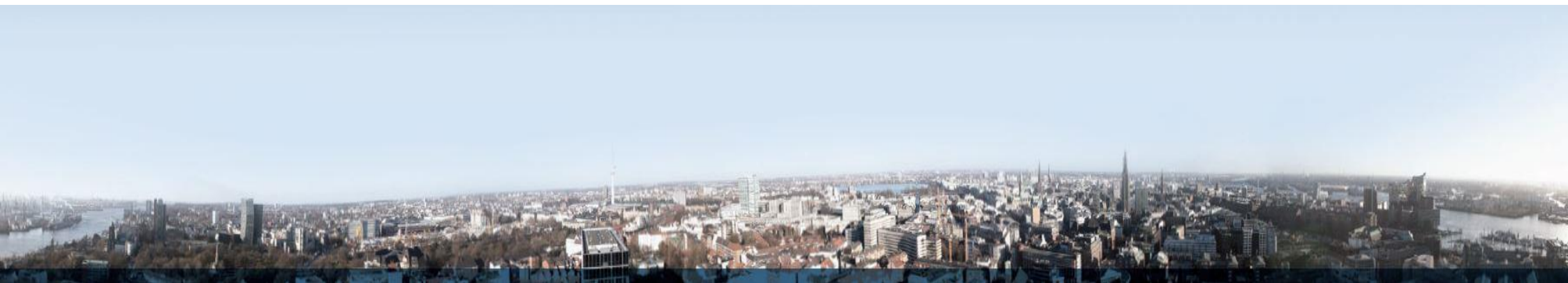


Presentation of **EVAKON** GmbH – Evaluation and Conception in Public Transport

Exportinitiative Energie: AHK-Geschäftsreise Spanien
Madrid, 20. November 2018

Andrea Seegmüller, B. Eng.
Project leader E-Mobility



Introducing EVAKON GmbH

- found and located in **Hamburg** in 2016
- team of **5 consulting engineers** from different disciplines
- huge experience in **operative requirements** of public transport
- extensive knowledge in deployed traffic **software applications and infrastructure**



Introducing EVAKON GmbH

- aim to **shape the future of public transport**
 - digitise ticketing and operational processes
 - leverage mobility conceptual and in practice
- working for public transport **operators and associations**
- **development partnerships** with major suppliers



- operative disposition and malfunction management
- customer service and (electronic) ticketing
- realtime passenger-information
- automatic passenger counting systems
- **maintenance and depot management**
- **conceptual and in practice use of electric buses**

Target Market in Spain

What kind of partners are we searching for?

- public transport **operators** and associations
- software **producers and suppliers** who offer innovate products
- **emobility stakeholders**
- **consulting engineers** to start co-operations



Depot and Charging Management for Electric Buses

Factor 100: One electric bus unburdens nature as much as 100 cars

Aims:

- run clean fleets and protect environment
- automate processes
- increase vehicle availability
- decrease number of vehicles in reserve
- raise economic efficiency



SSB



rnv
Mit gutem Gefühl unterwegs.

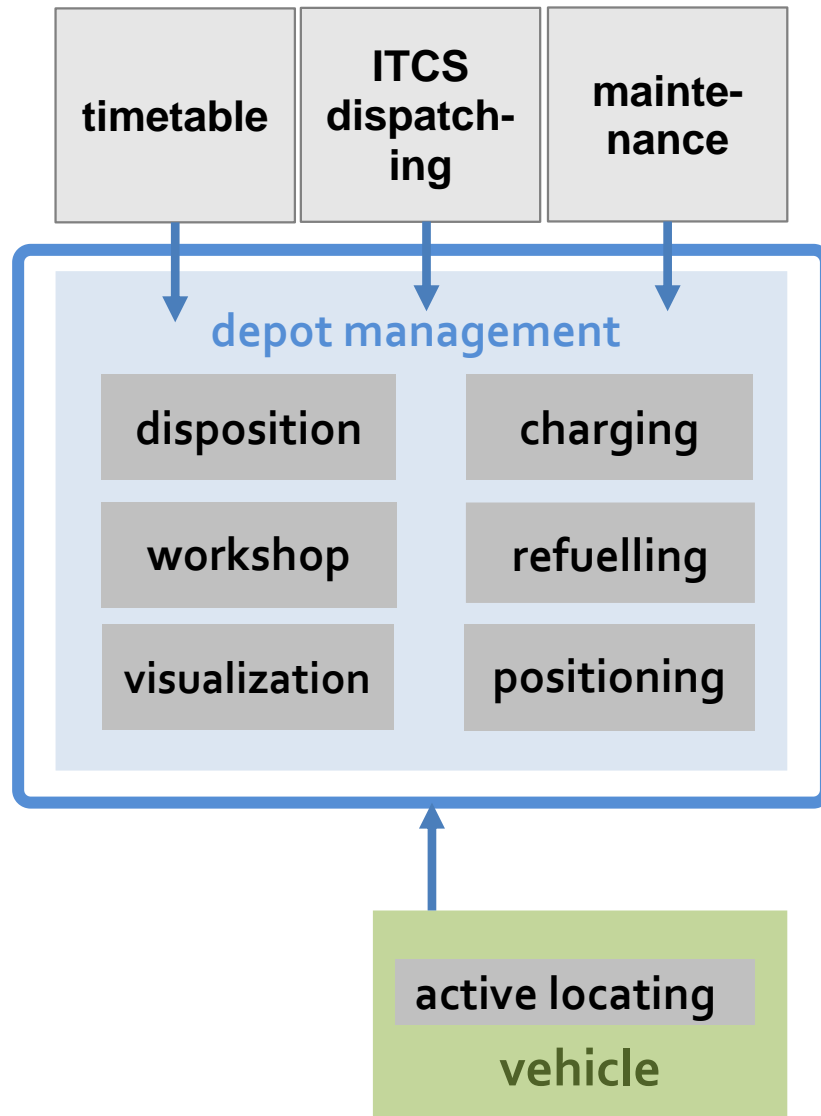


MAINZER
VERKEHRSGESELLSCHAFT



HOCHBAHN

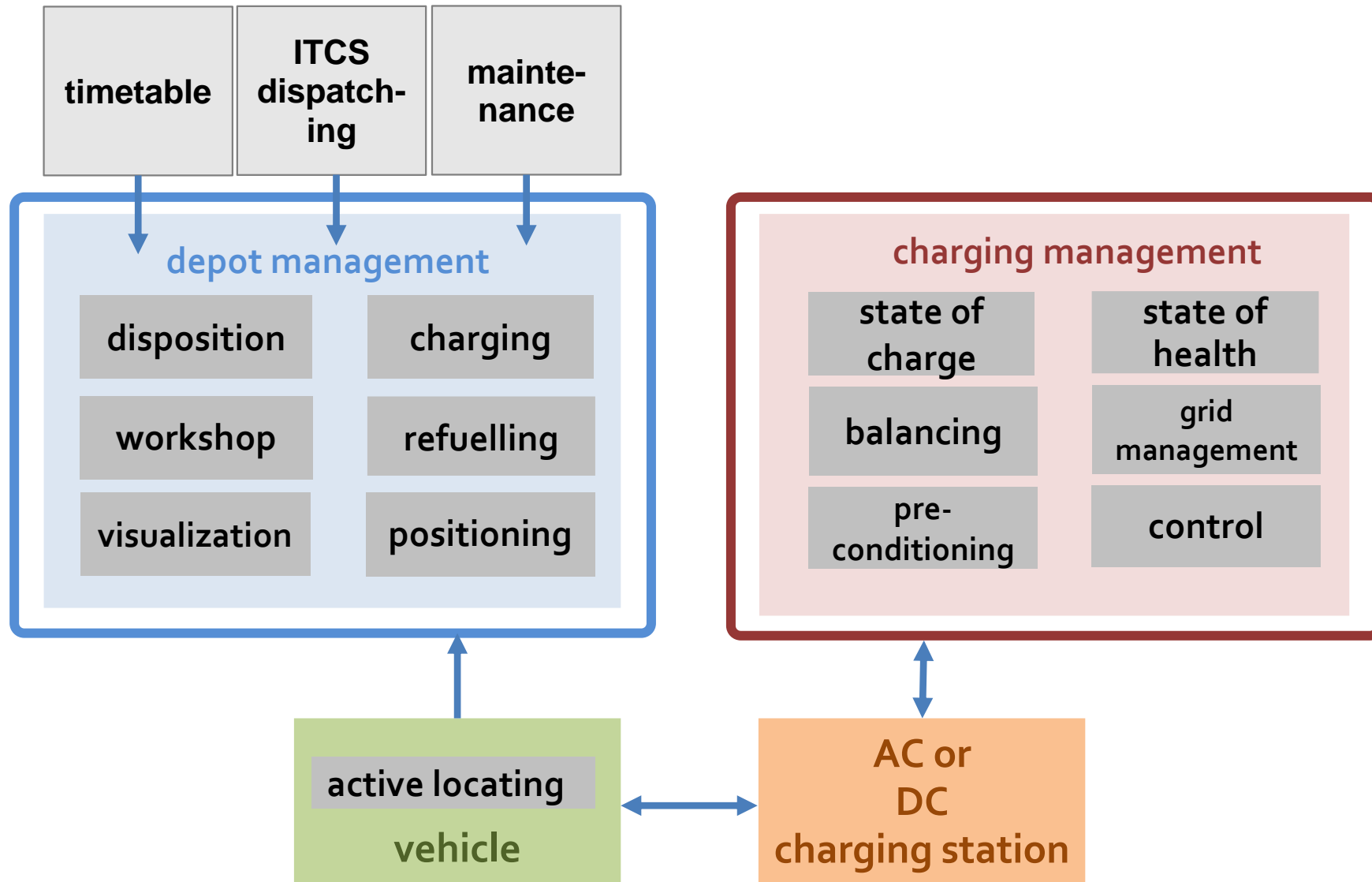
Depot and Charging Management for Electric Buses



Challenges:

- limited vehicle range
- time-consuming charging process
- grid stability

Depot and Charging Management for Electric Buses



Depot and Charging Management for Electric Buses

EVAKON tasks:

- analysis and survey on operational processes
- evaluate how they will be affected by new „fuel“ electricity
- improve sequences in dispatching, positioning and maintenance
- shape infrastructure and IT for the future
- implement intelligent charging and grid management

Thank you for Your Attention!



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