

Oslo, Norway | June 2022 | Electric Vehicle Symposium | 35th Edition

ZERO EMISSION BUSES IN GERMANY'S PUBLIC TRANSPORT

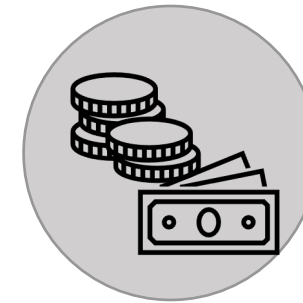
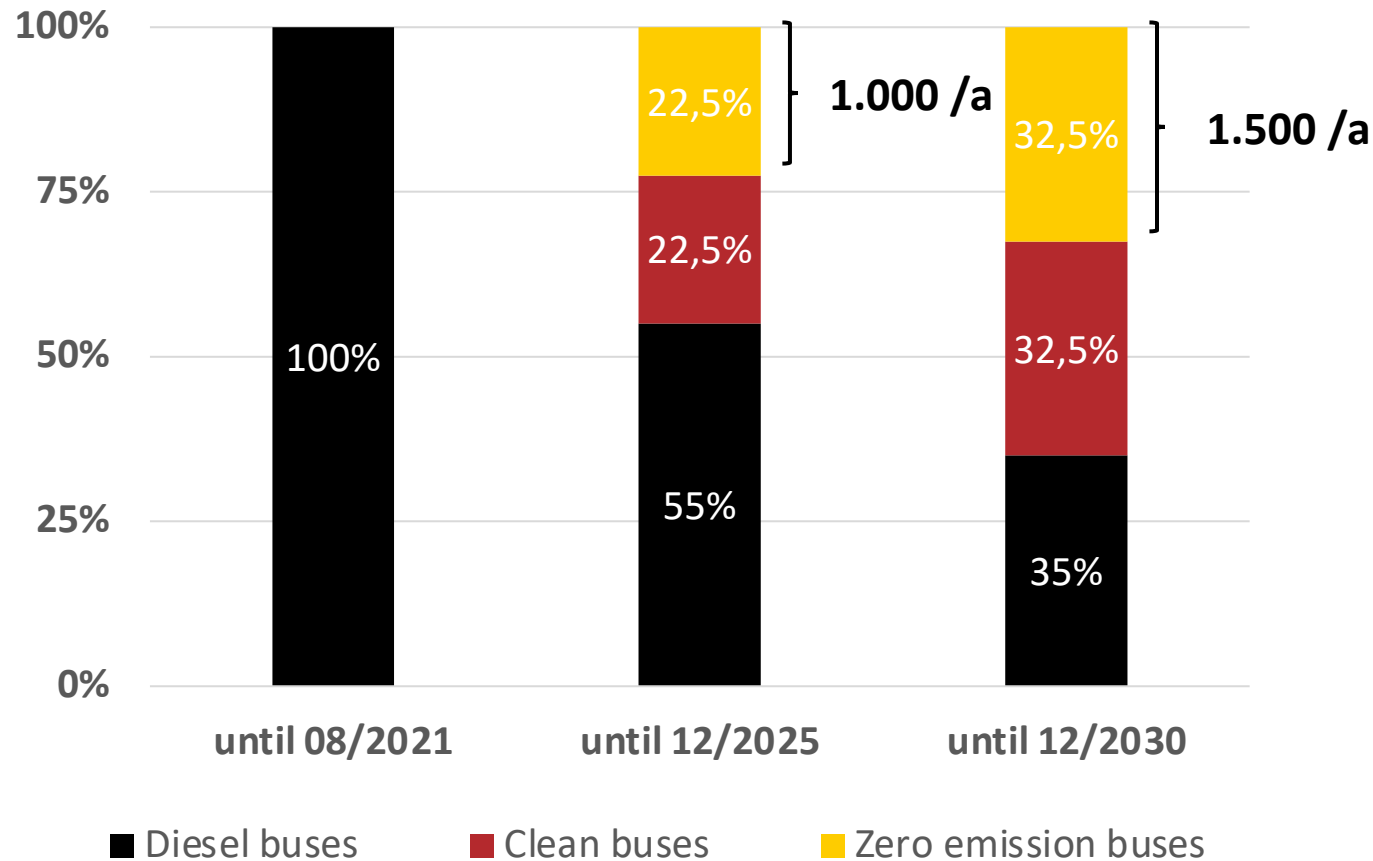
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Insights of the Accompanying Research on
e-Buses for the German Federal Ministry for Digital and Transport

Oliver Hoch, Christopher Borger, Steffen Schulze; NOW GmbH

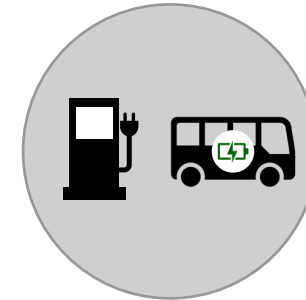


POLITICAL DIRECTIVES AND INDUSTRIAL CHALLENGES

Clean Vehicle Directive and new technologies



Investment



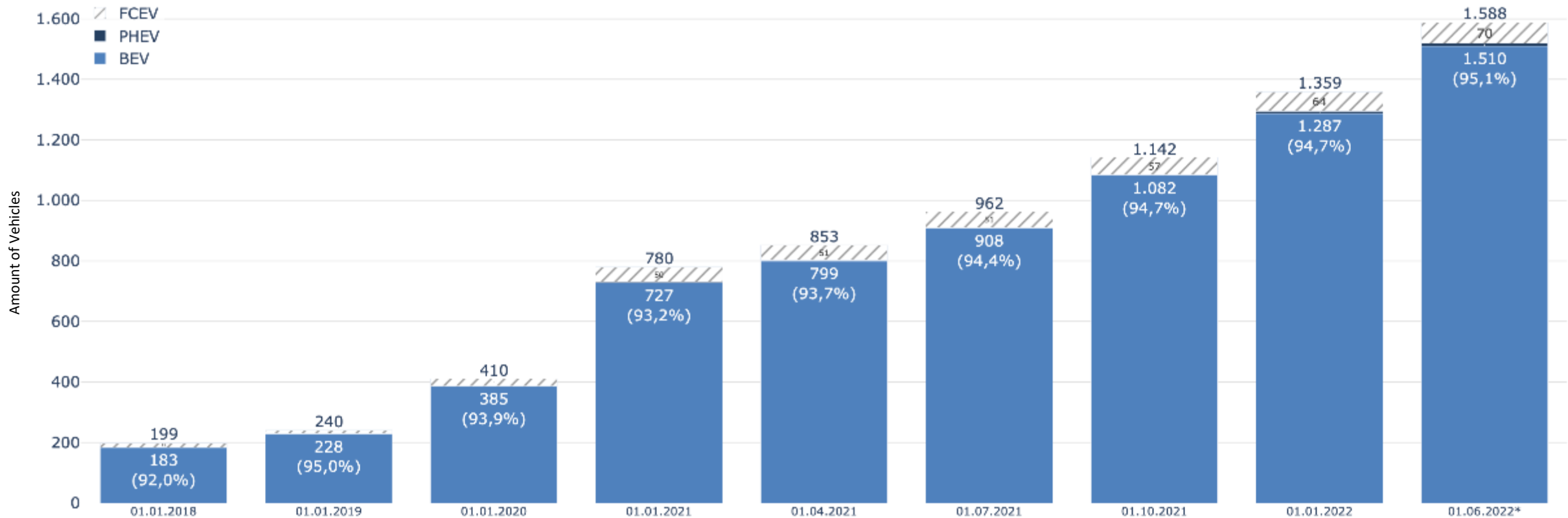
Operation



Data

MARKET DEVELOPMENT

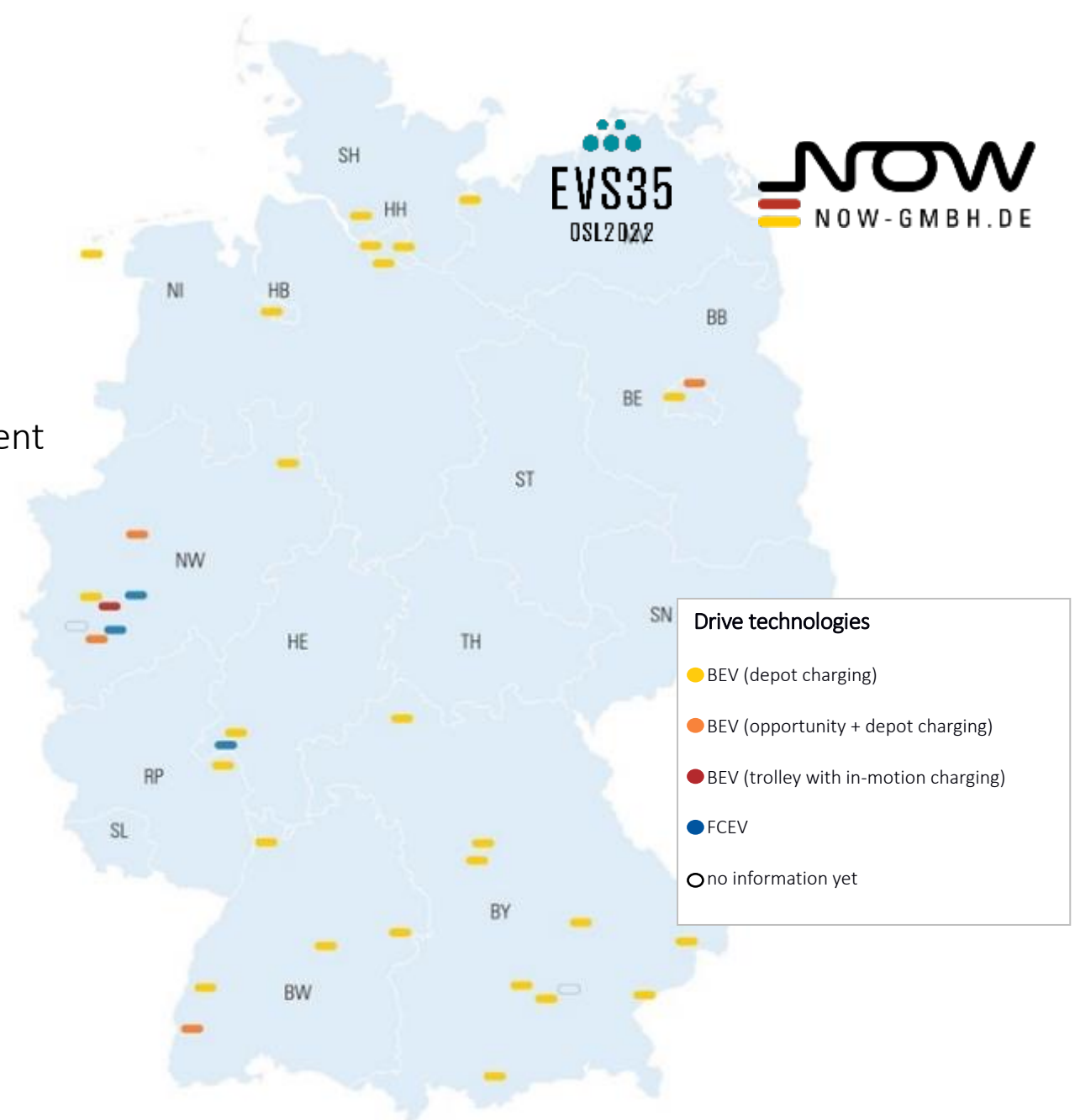
Zero emission buses have a share of ~2 % in the German bus fleet



E-BUS PROJECTS IN GERMANY

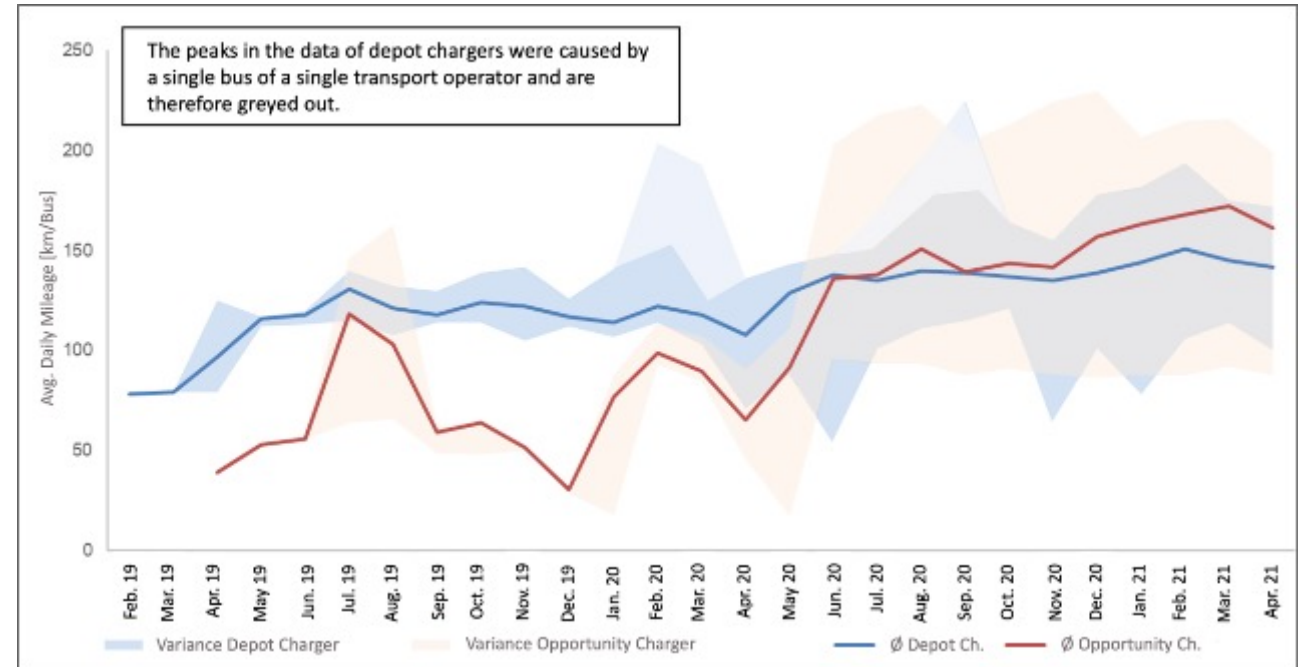
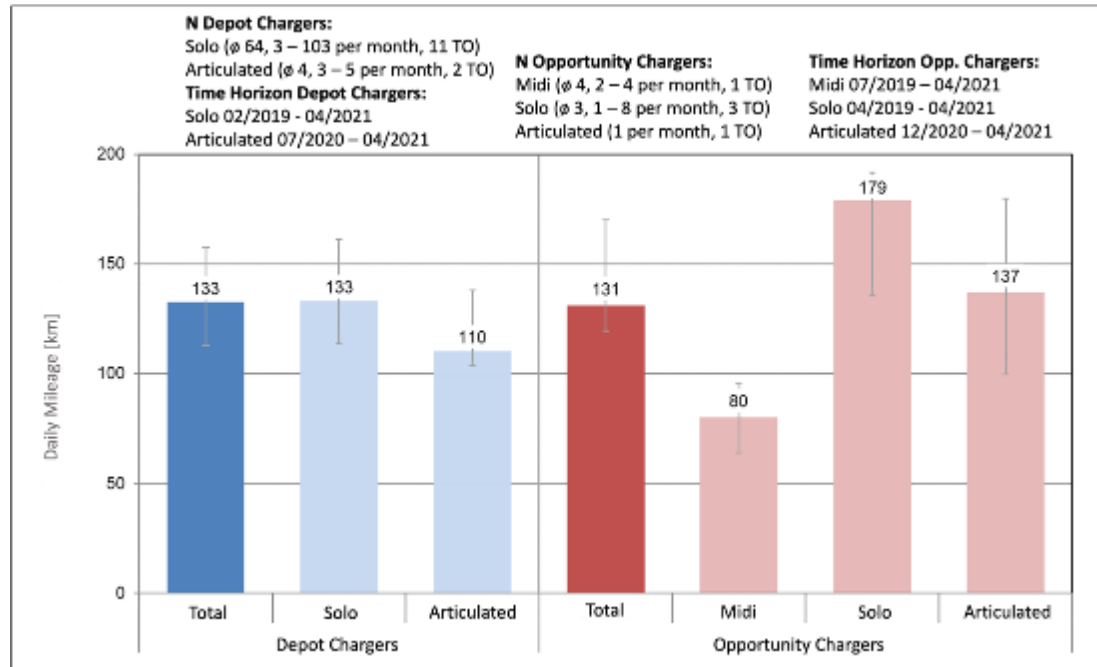
Status Quo of BMDV funded projects (so far)

- Ca. 34 projects subsidised by BMDV only
- Ca. 381 buses at 33 transport operators in procurement
- 77% of these are already on the road



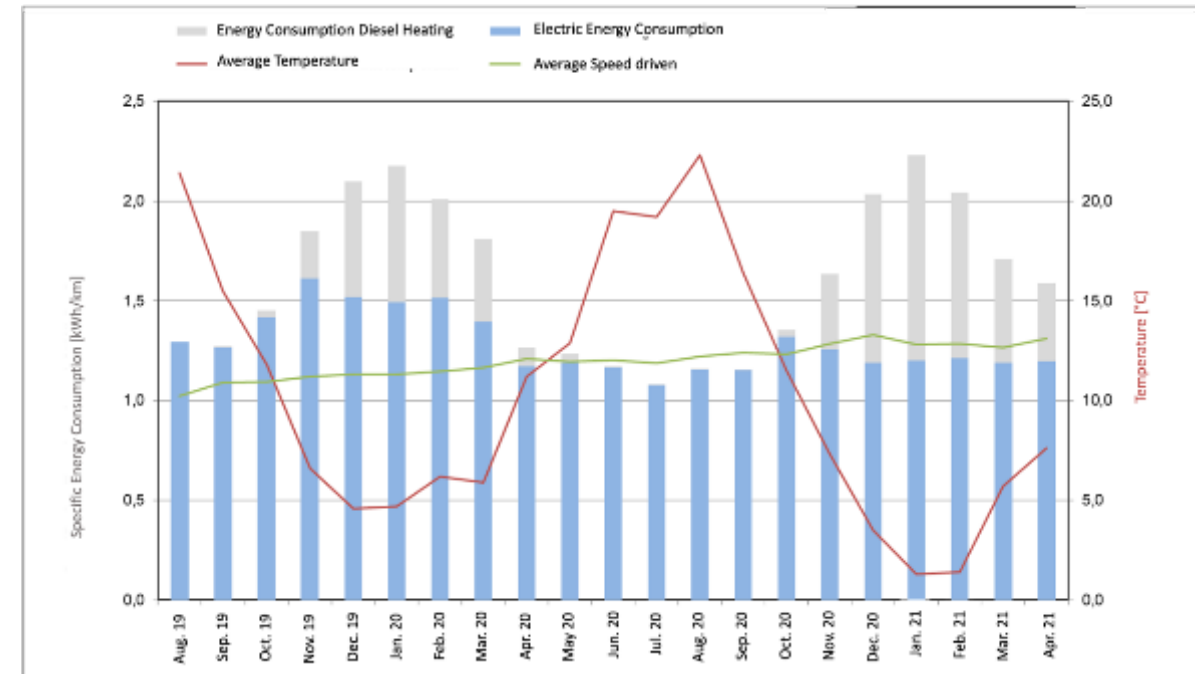
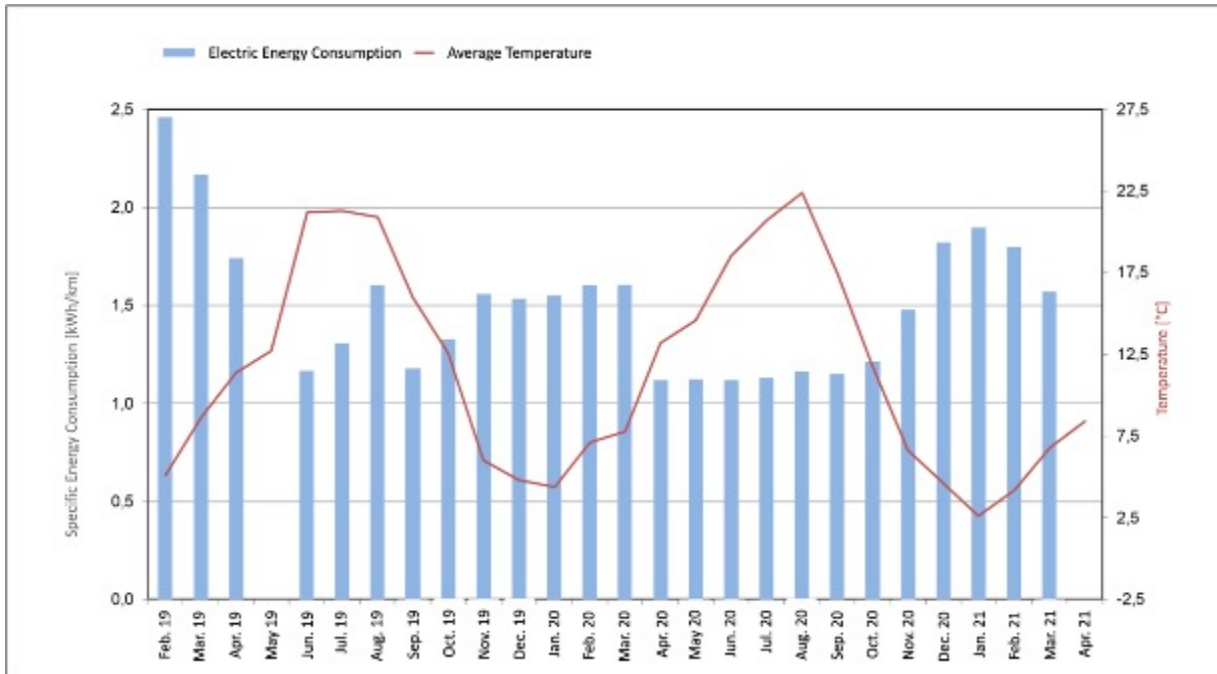
DISTANCE DRIVEN

Development of average daily mileages over time



ENERGY CONSUMPTION

Regarding seasons and heating

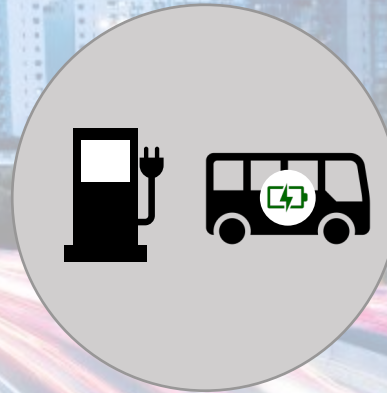


CONCLUSION

Of our paper



Growing market
due to funding and regulations



Regular operation
with longer distances
and different heating systems



Data analysis ongoing
but data availability still
challenging

Funding measures play an active role in the mobility transition, especially for cities and municipalities. Would you like to gain further insights into the funding support programme for e-buses and the accompanying data analysis? Scan for abstract!



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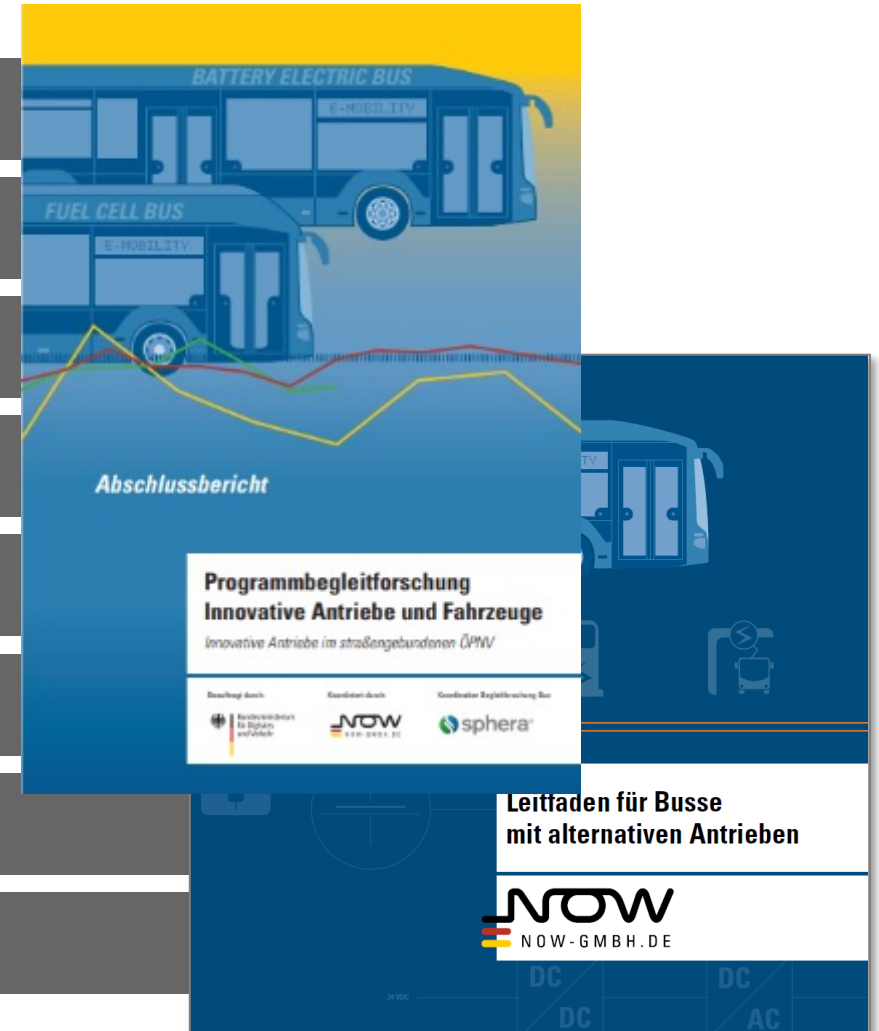
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ANY
QUESTIONS?



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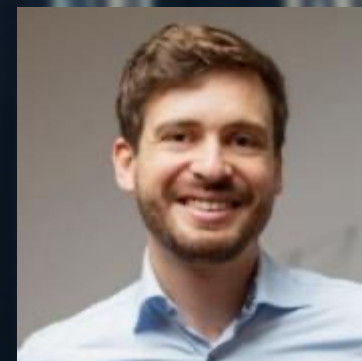


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