Berliner Hafen- und Lagerhausgesellschaft mbH

What´ s our business?

WIR SIND HAFEN!

Operator of two trimodal ports in the capital of Germany

- Railway company
- Container terminal
- Transhipment of bulk cargo, general cargo and heavy cargo
- Storage in outdoor storage areas, halls and silos
- Approx. 150.000 TEU / year and 4.500.000 t cargo handling / year

Electric vehicles at BEHALA

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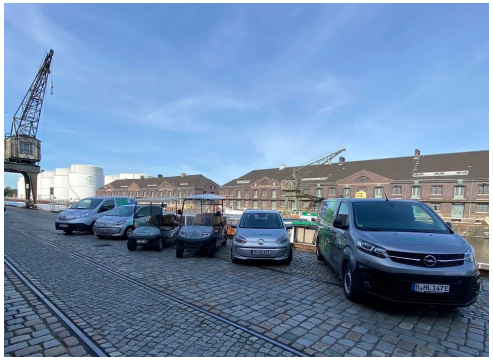

BEHALA
HAUPTSTADT.LOGISTIK

Electric vehicles at BEHALA

Total fleet: 18 vehicles street legal (11x fully electric; 3x CNG; 2x Hybrid; 2x Diesel)

Multipurpose and favourite car:

Nissan NV-200
22.000 € net
250 km real range
Different equipment possible

Why electric?

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Fulfillment of our responsibilitiy as an state company to minimize emissions

„to be a good example for others“

The more economical solution

funding programs make electric vehicles affordable

very low running costs in terms of maintenance, taxes and „fuel“

with green electricity real zero running emissions

Because it works!

perfect fitment to our usage profil (a lot of short distances)

230V loading socket sufficient for over night charging

BEHALA® HAUPTSTADT.LOGISTIK

What is possible?

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Exchange of diesel powered handling equipment

for example: electric shunting system 10% of running costs + remote controle

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What is not possible?

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Heavy diesel powered handling equipment

excavator, wheel loader, reachstacker, heavy forklifter (Container), locomotive

(not enough energy density for all day use + not affordable)



Transporter for craftsman with on call duty

not enough range + not affordable

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Disadvantages?

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It´ s better not getting cold

massive restriction in possible uses in winter (due battery capacity and heating)

If it´ s empty, it´ s empty

compared to refueling, charging needs a lot of time

Lifespan of batterys

until now it´ s not clear, how long the different batterysystems will last

Conclusion?

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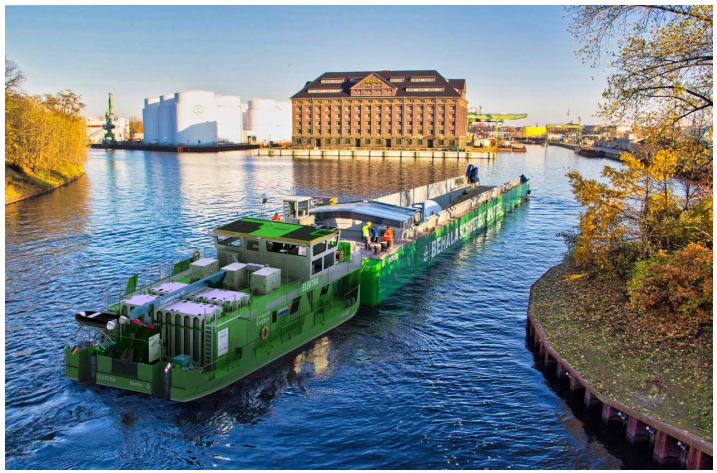
The Usecase decides the choice

(There are more possibilities in renewable „fuels“)



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Questions?

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