

THE ZIPPEL GROUP

- BATTERY LOGISTICS | USE CASE -



5. BATTERIEFORUM BERLIN-BRANDENBURG



ZIPPEL AT A GLANCE

PASSION FOR LOGISTICS...



>200 trucks

Long & short distance
Dangerous goods, waste,
Reefer



300 trailers

Container, Reefer, Box, Tarpaulin



30 trains weekly

German deepsea ports,
Berlin, Schkopau, Elsterwerda

3 shunting locomotives

Port of Hamburg

4 depots

Container handling & storage, fumigation services



INTERMODAL NETWORK

... AND SOLUTIONS



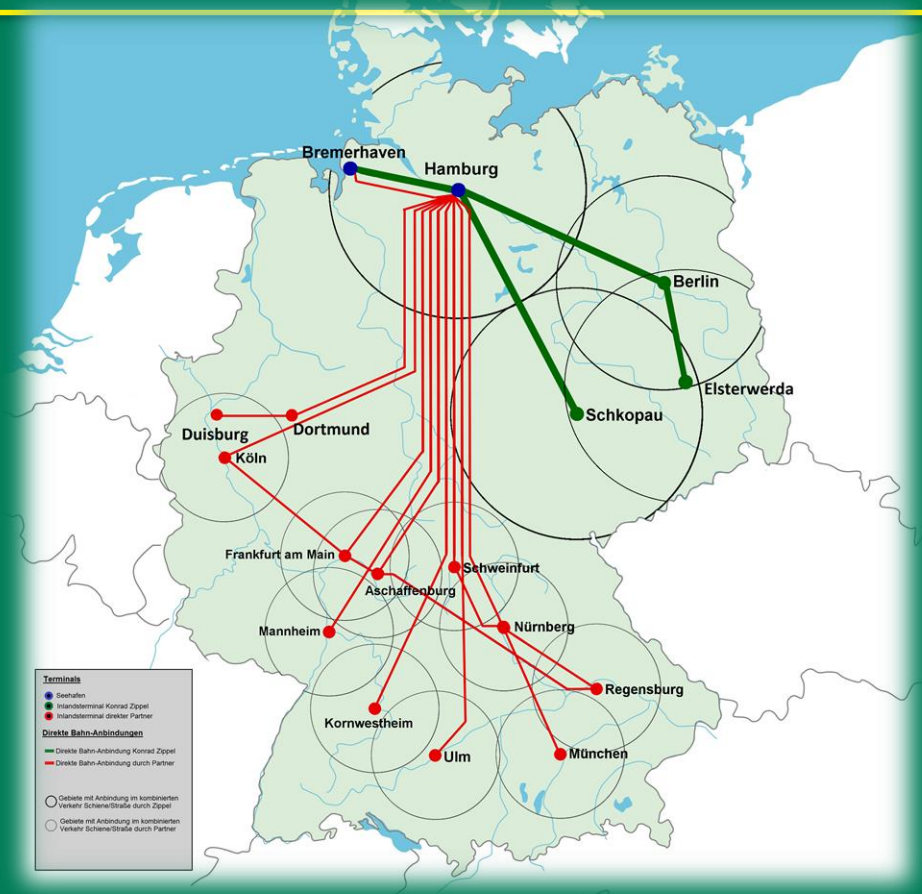
350 container wagons



24/7 railway dispatch



2 railway partner
3 railway service provider



5 YEARS AGO...



growing BEV market

BEV in press/media

Line2Ramp Output (producer)

J-I-T Input (consumer)

No standards / experience



CAUTION
HOT

CHALLENGES



use case

partner / collaboration

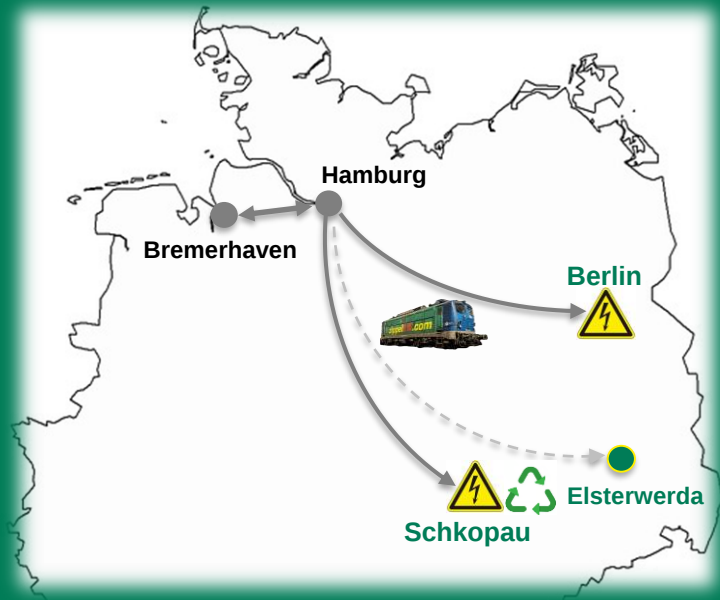
fire brigade / emergency concept

EXPERTISE!!!

Authority Approval



BATTERY SET UP



battery container depot

[Li-Ion - UN3480/3481]

separated area

gate in process

trained / equipped fire brigade

special stowage requirements

24/7 observation



FOLLOW UP



battery production materials

used batteries

recycling materials

THE ZIPPEL GROUP

YOUR FORWARDING AGENT



STAY CHARGED

