



Bus Fleet Electrification:

The story of lucrative waste-products

September 2024

VentusVentures Group

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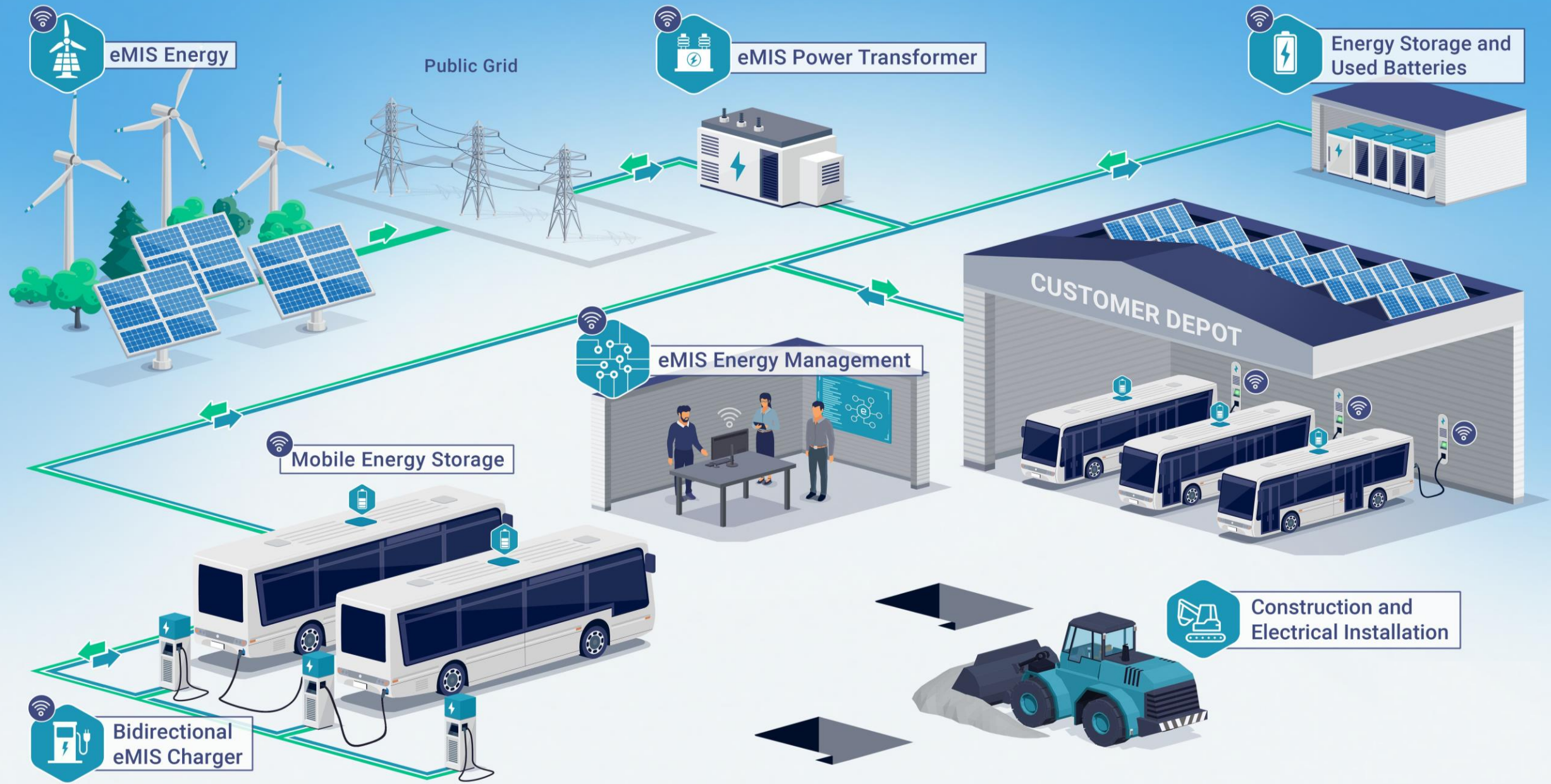


Avner Shahal

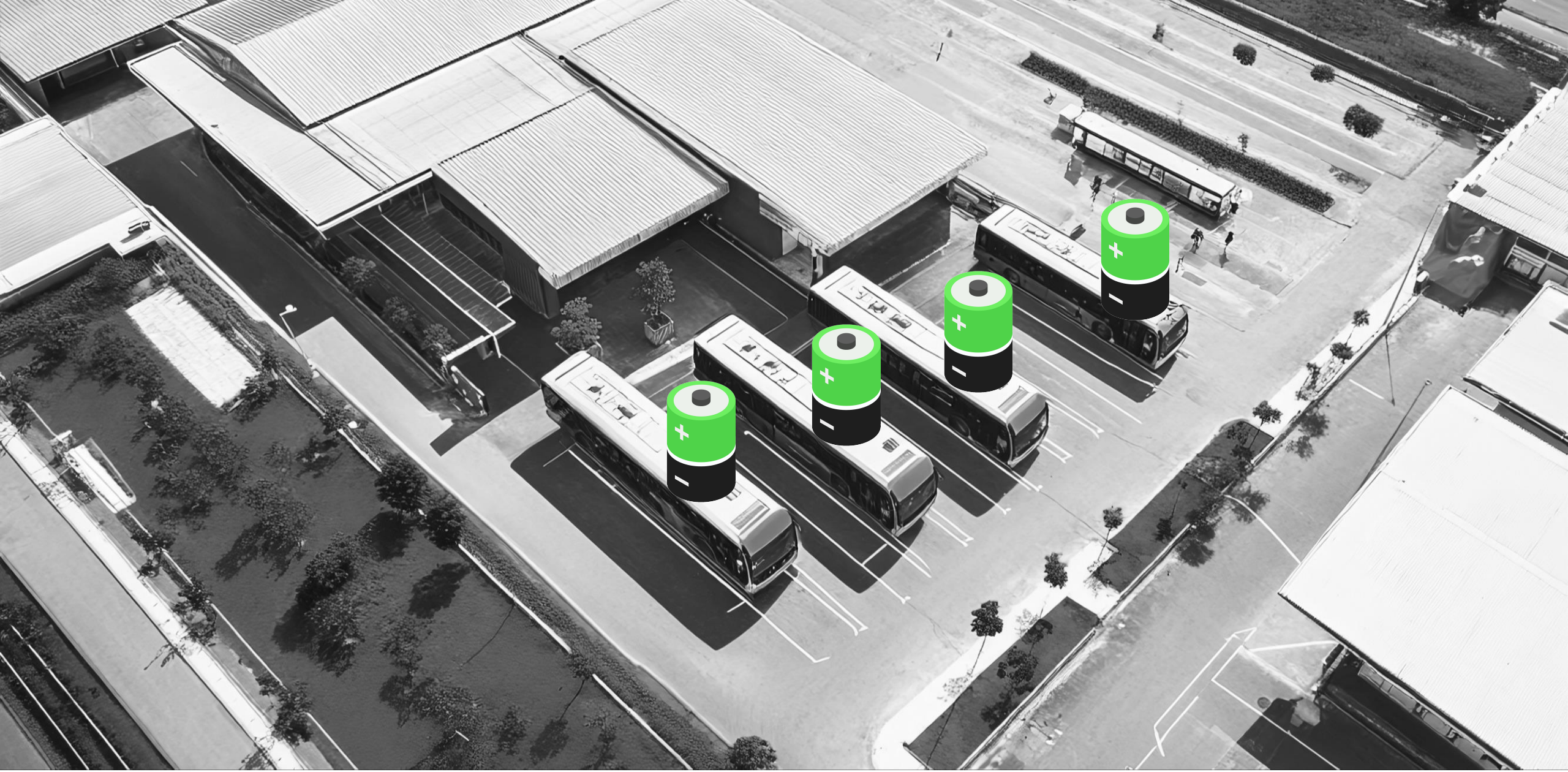
Chief Information Officer, VV Group

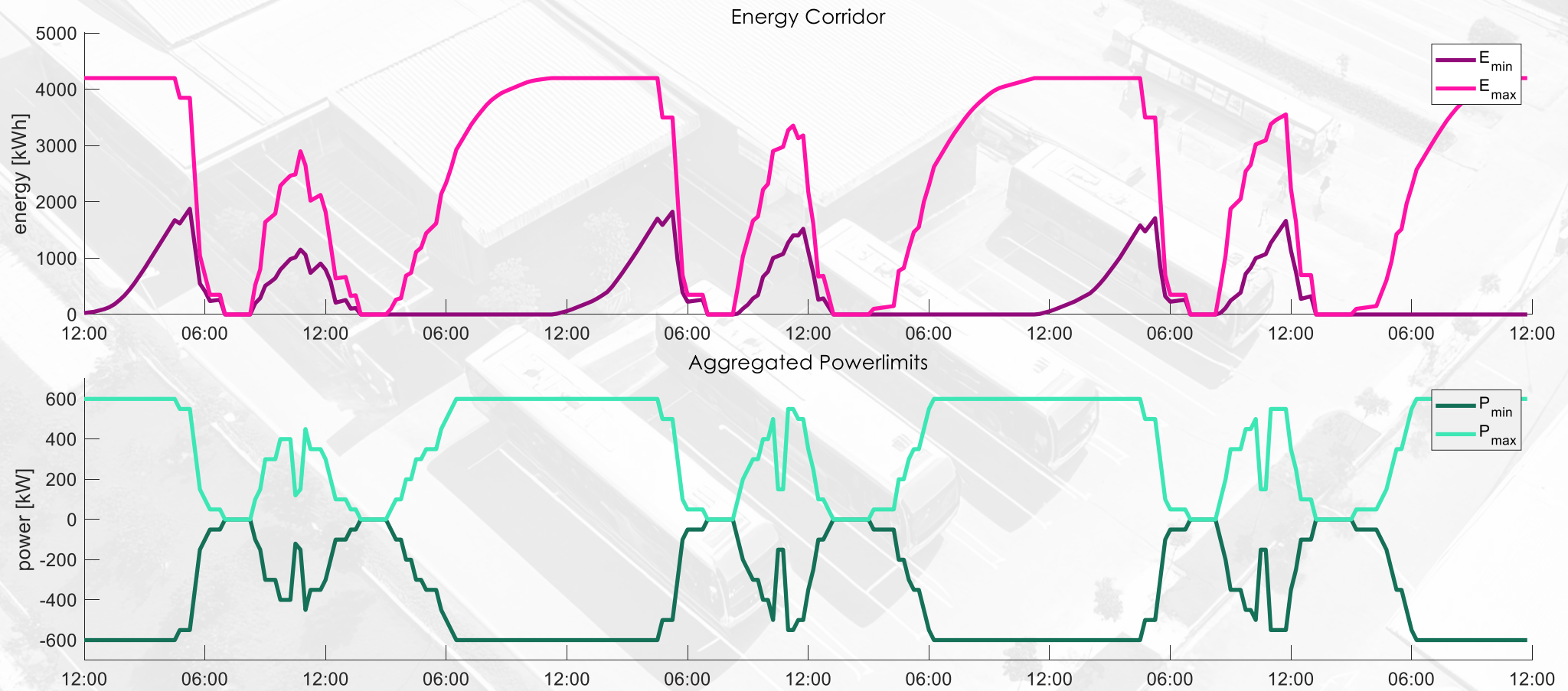


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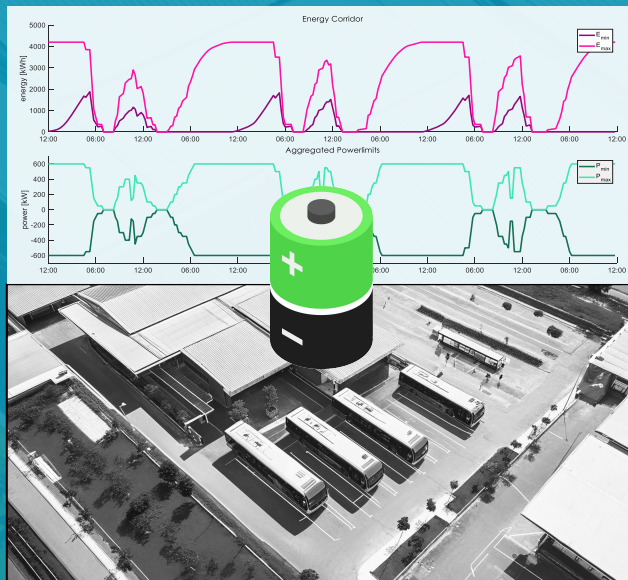




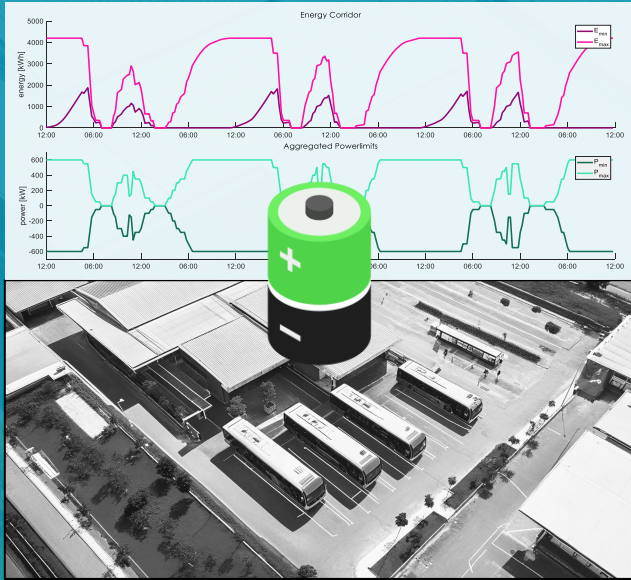




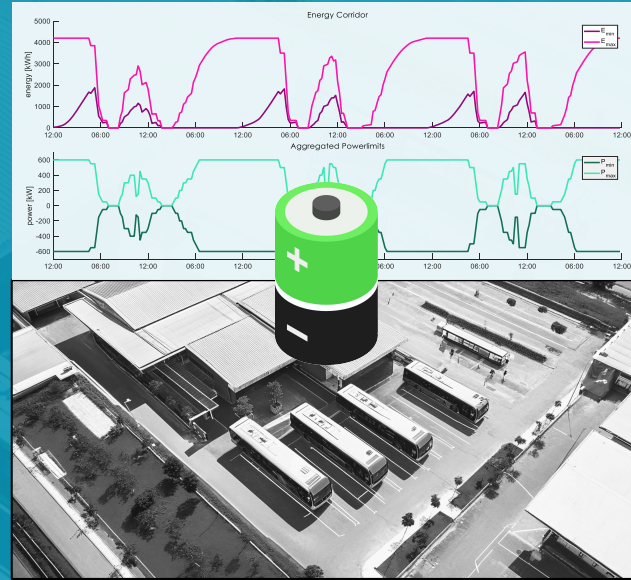
Depot 1



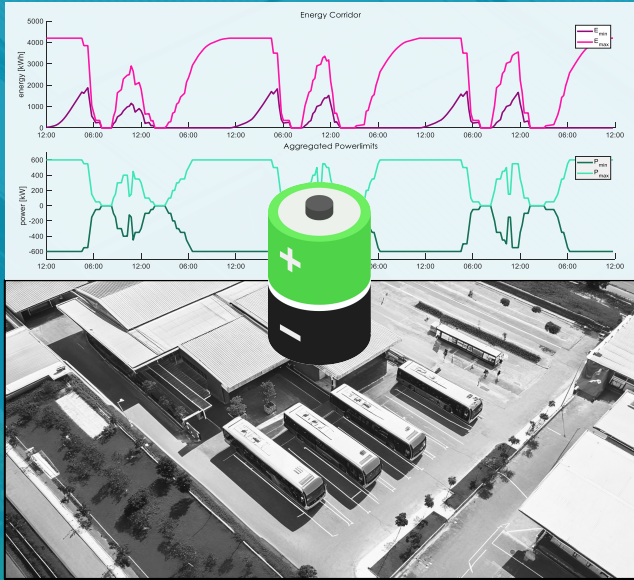
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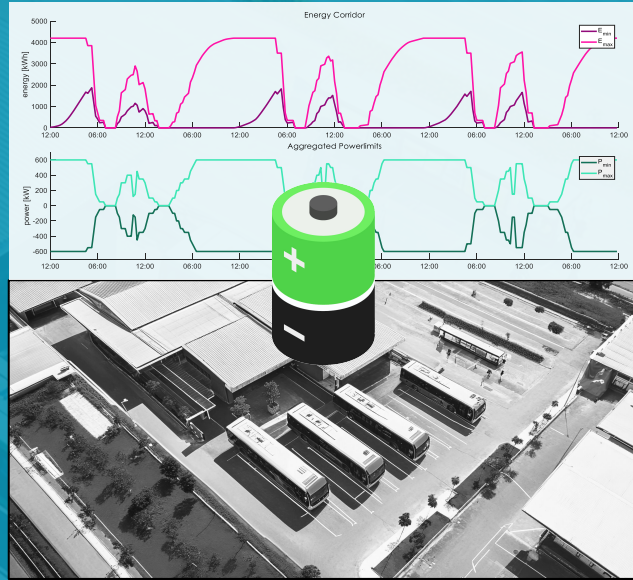
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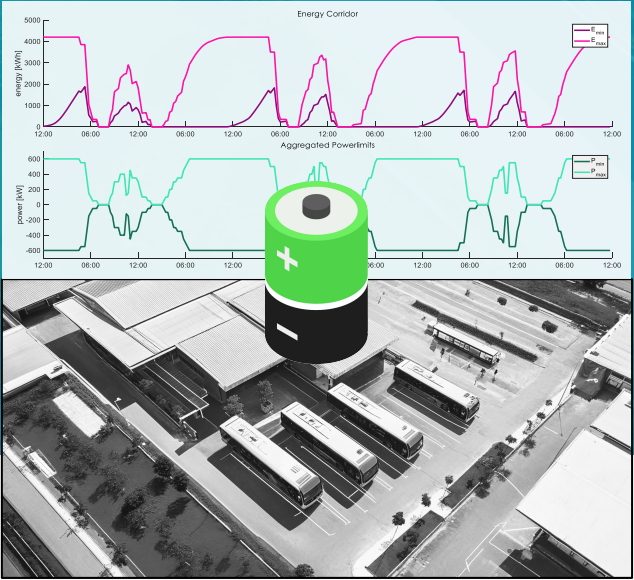
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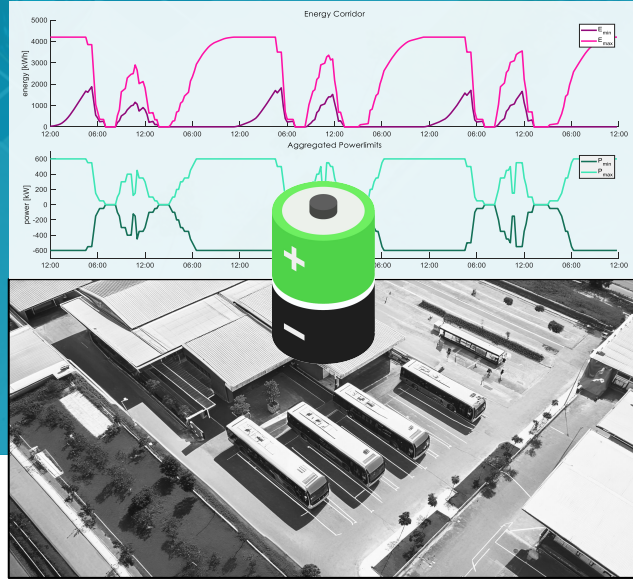
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Depot 3



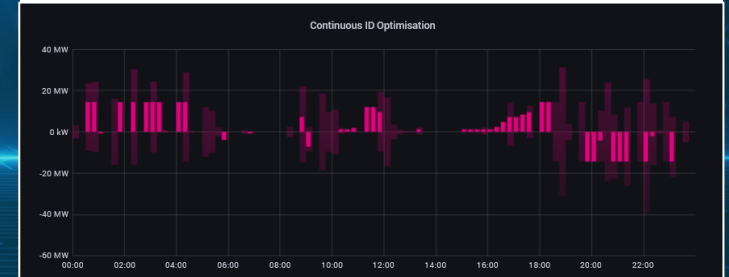
Depot 4





2-Way Commitment

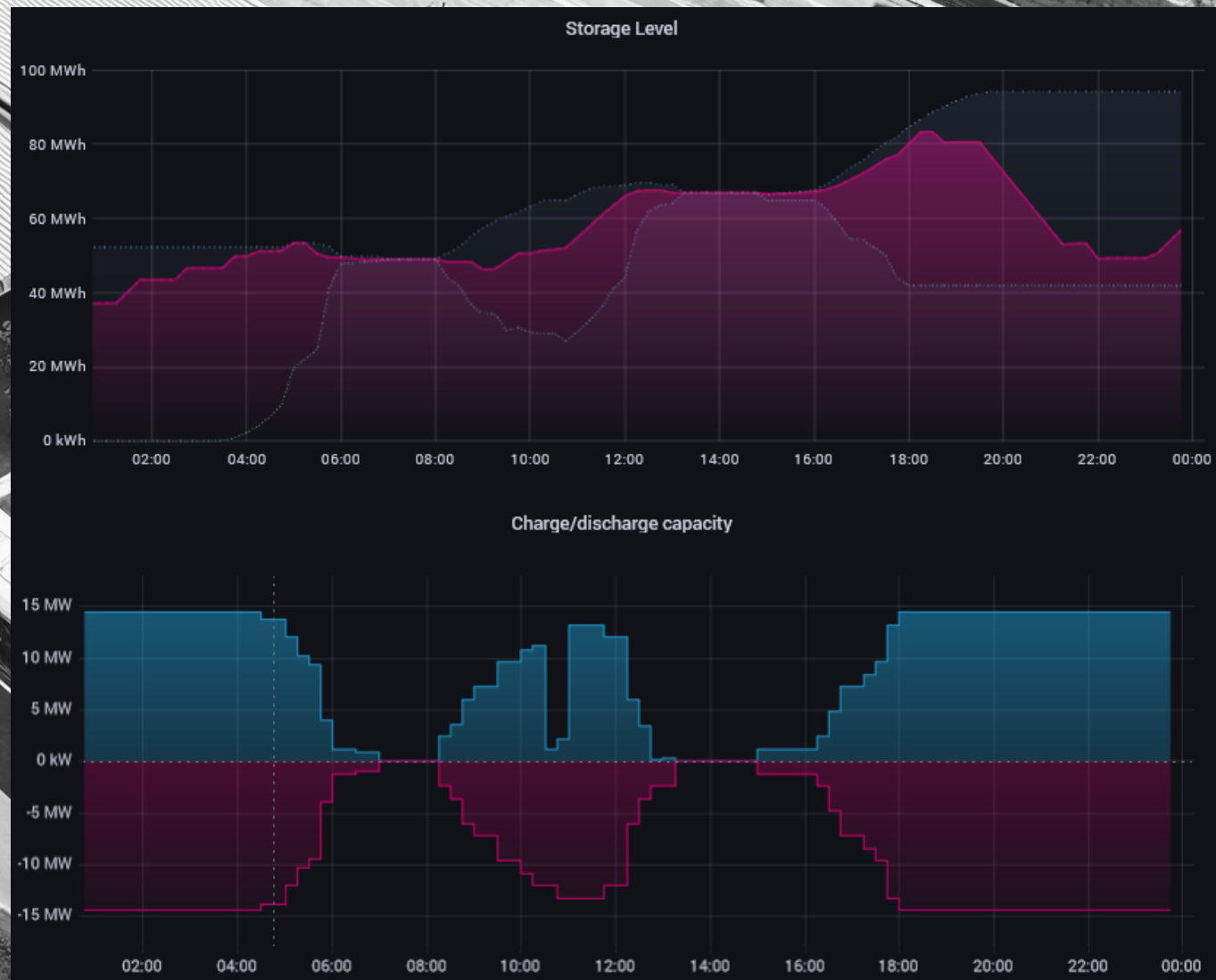
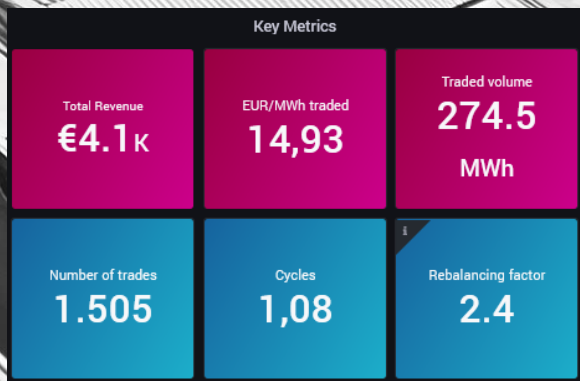
- Towards operator
- Towards market





The Language - FlexSpace

- Technical limitations
- Demand bus / depot / fleet
- Charge / Discharge flexibility



Key Metrics



Storage Level



PnL Overview



DE - Renewables Forecast



DE - Load Forecast



Traded Volume



Charge/discharge capacity



Continuous ID Optimisation



DE - Spot Prices



DE - ID Auction vs. Continuous (hourly)



DE - ID Auction vs. Continuous (quarterly)





Next steps

- Go-Live January 2025 Uni-Directional
- Expansion to Bi-Directional as we roll out further depots



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