



# Pioneering Energy Storage in Germany and Beyond

Lessons from Trina Storage  
and Aquila Clean Energy

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Energy Storage Summit 2025  
February 2025





# Our vision

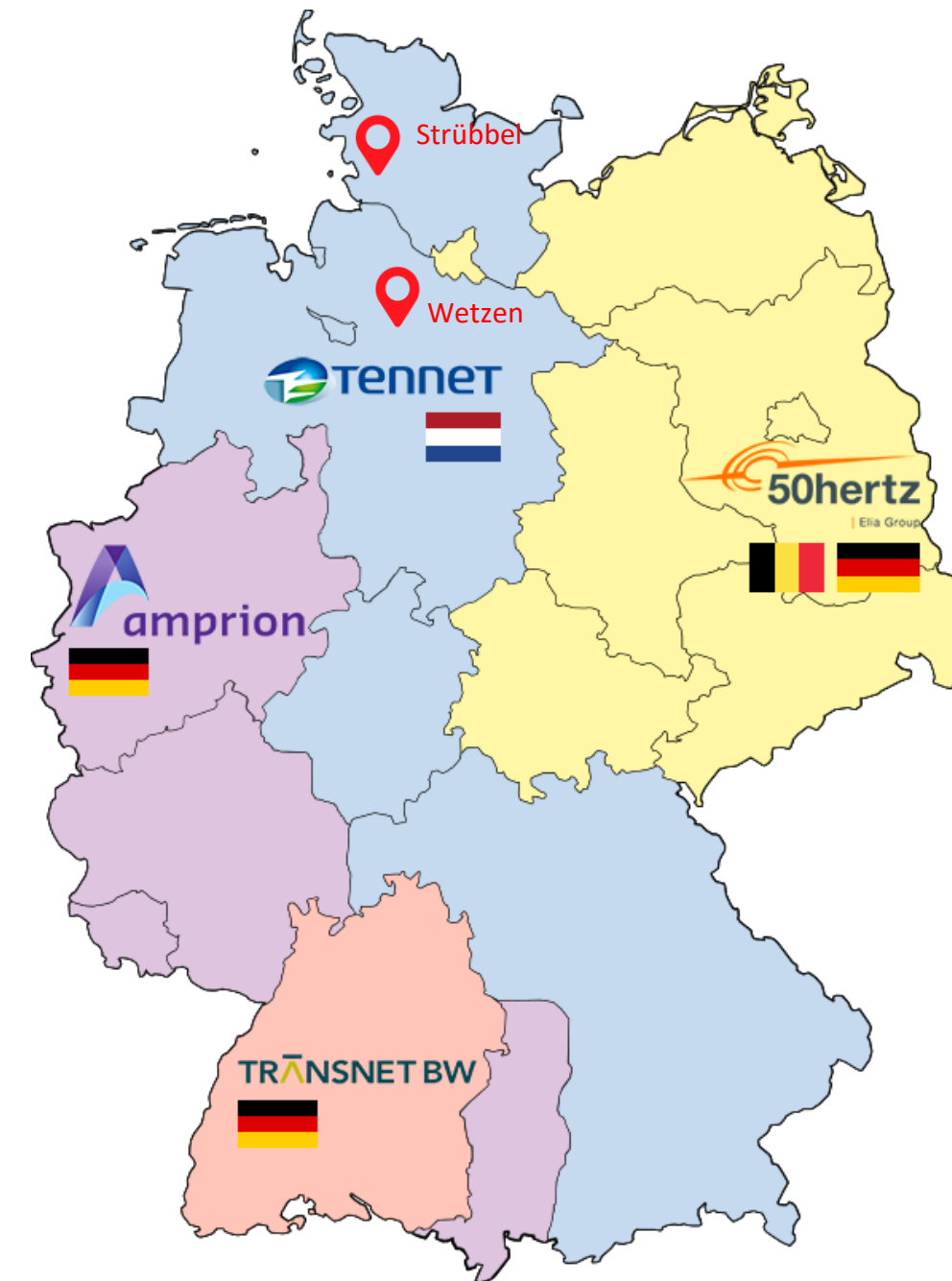
We are committed to leading the way in smart solar and energy storage solutions and facilitating the transformation of new power systems for a net-zero future.





# A Blooming Partnership: Strübbel 50MW|100MWh & Wetzen 56MW|112MWh

- First 2 projects from Aquila Clean Energy's German BESS portfolio with >1.2 GW
- Part of Aquila's >7 GW BESS pipeline across 9 countries in EMEA e.g. Italy, Iberia, Greece, Baltics, Nordics
- Strategic sourcing partnerships with Tier 1 suppliers for portfolio based on capabilities, track record, product and commercial competitiveness to ensure:
  - ✓ Agreed commercial framework with partners to execute quickly on new opportunities
  - ✓ Technology leadership and risk diversification
  - ✓ Portfolio benefits



# A Blooming Partnership: Strübbel 50MW|100MWh & Wetzen 56MW|112MWh

Diverse and attractive revenue streams in German market for BESS

- Highly liquid and volatile intraday market for wholesale optimization driven by strong renewable momentum
- Ancillary services for FCR and aFRR
- New markets: system services like reactive power and inertia, capacity market

Expected Utility-scale BESS build-out of 15-20 GW in German market until 2030

Battery system needs to match the expected use cases

- ✓ Flexible product and system that is well suited for those diverse applications
- ✓ Extended battery warranty + a flexible warranty mechanism enabled an attractive business case
- ✓ Optimized total cost of ownership
- ✓ Main permitting topic: Noise





# Driving the renewable energy transition: a scalable solution for local market needs



Energy storage expertise



Local support in Europe



Global Innovation



Site: Tangermünde, Sachsen-Anhalt, Germany



# Elementa 2 Pro

**Ultra-long lifespan. High efficiency. Maximum safety.**

5.015 MWh @1500V DC

- ↻ **Ultra-long lifecycle & high-performance**  
314Ah cell, delivering up to 15,000+ cycles
- 🛡️ **Triple-layer safety protection for unmatched reliability**
- 🔊 **Low-noise operation ( $\leq 70$  dB) suitable for sites with stricter noise limitations**
- 📏 **Compact footprint and flexible design for optimized space utilization**





Thank you.

