AI-BASED OPTIMISATION FOR BATTERY STORAGE: UNLOCKING VALUE ACROSS MULTIPLE ENERGY MARKETS

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Maximizing Green Energy Value Through Market-Leading Technology



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RESEARCH SINCE 2015 AI-TRADING SINCE 2021

10 years of research into battery optimisation

> 750 MW **UNDER MANAGEMENT**

Stand-Alone, Co-Location and Co-Optimierung

40 EMPLOYEES

Experts in software development, data science and the energy industry

LOCATION HAMBURG HAFENCITY

OVER 60 PARTNERS IN THE ENERGY TRANSITION





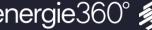


















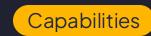




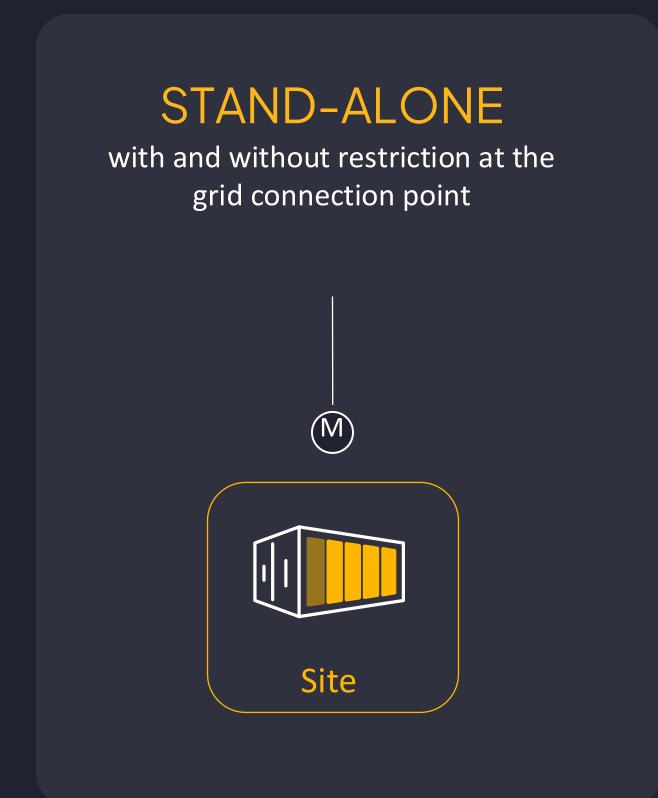


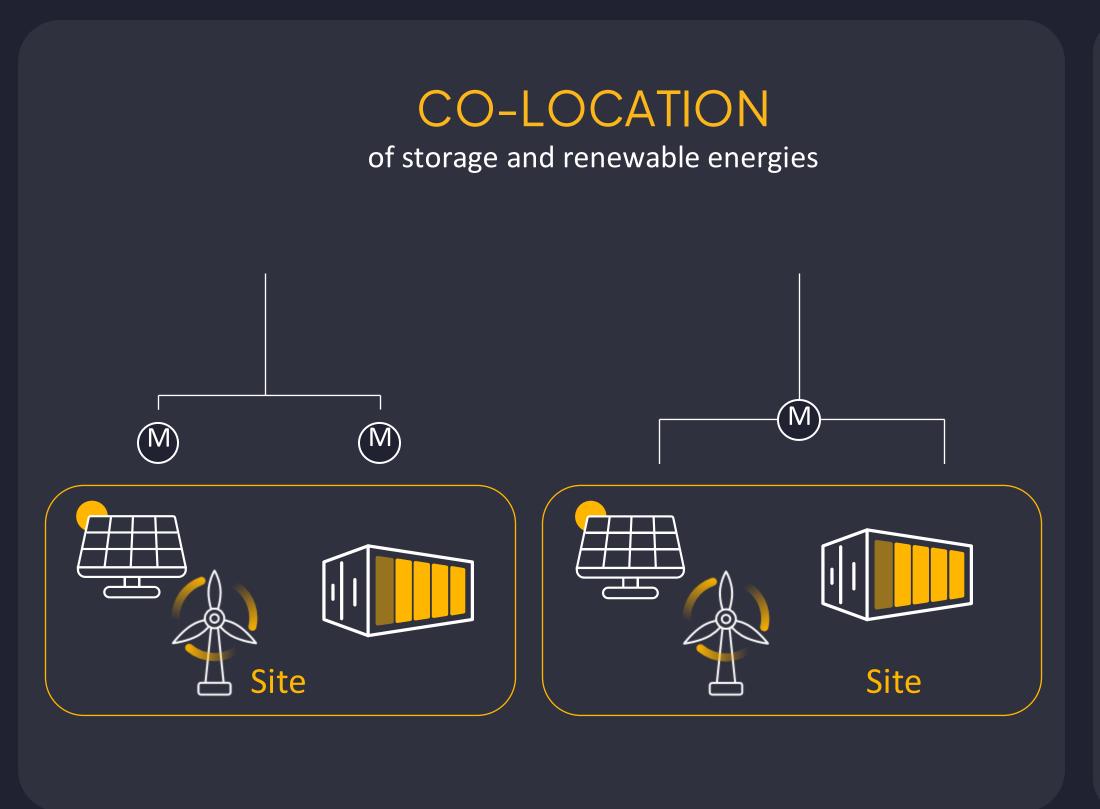


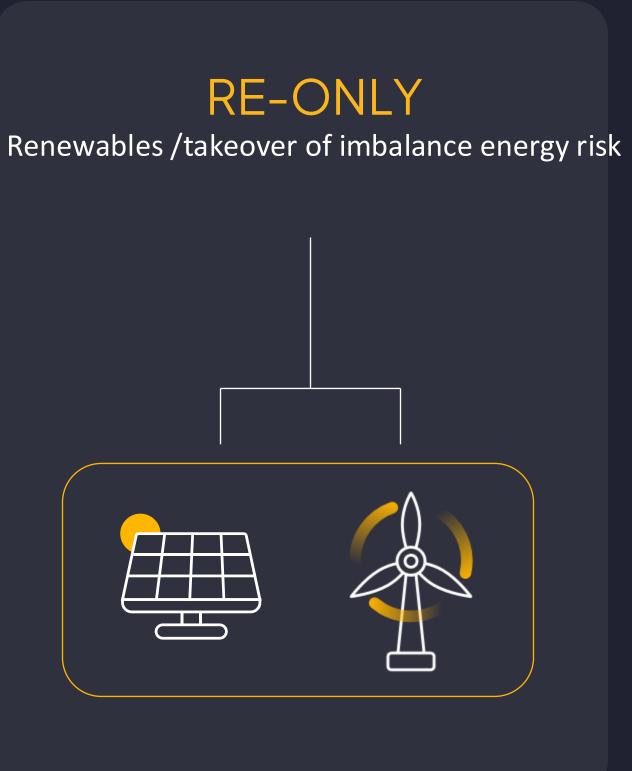




suena offers Al-trading for all asset configurations



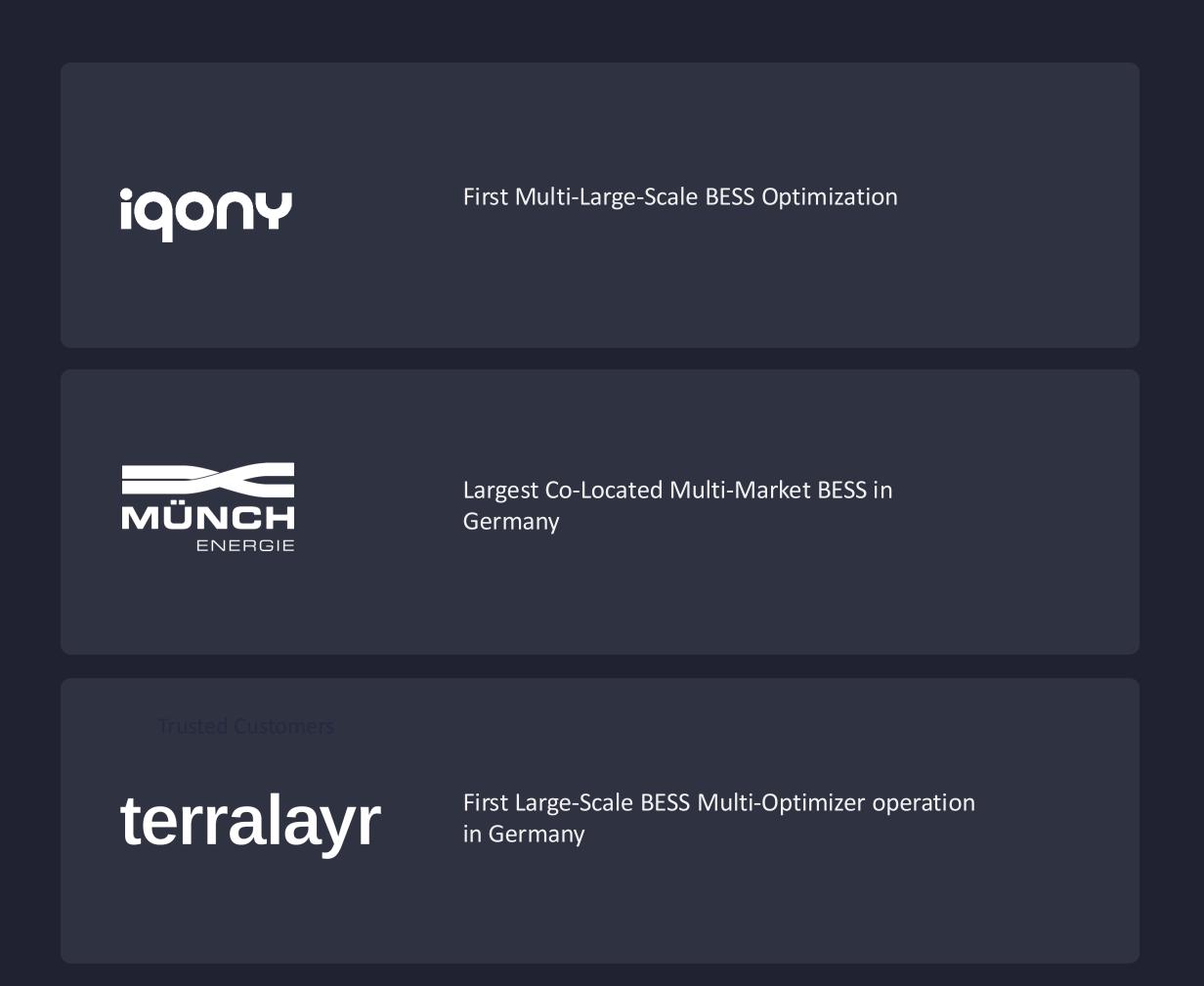


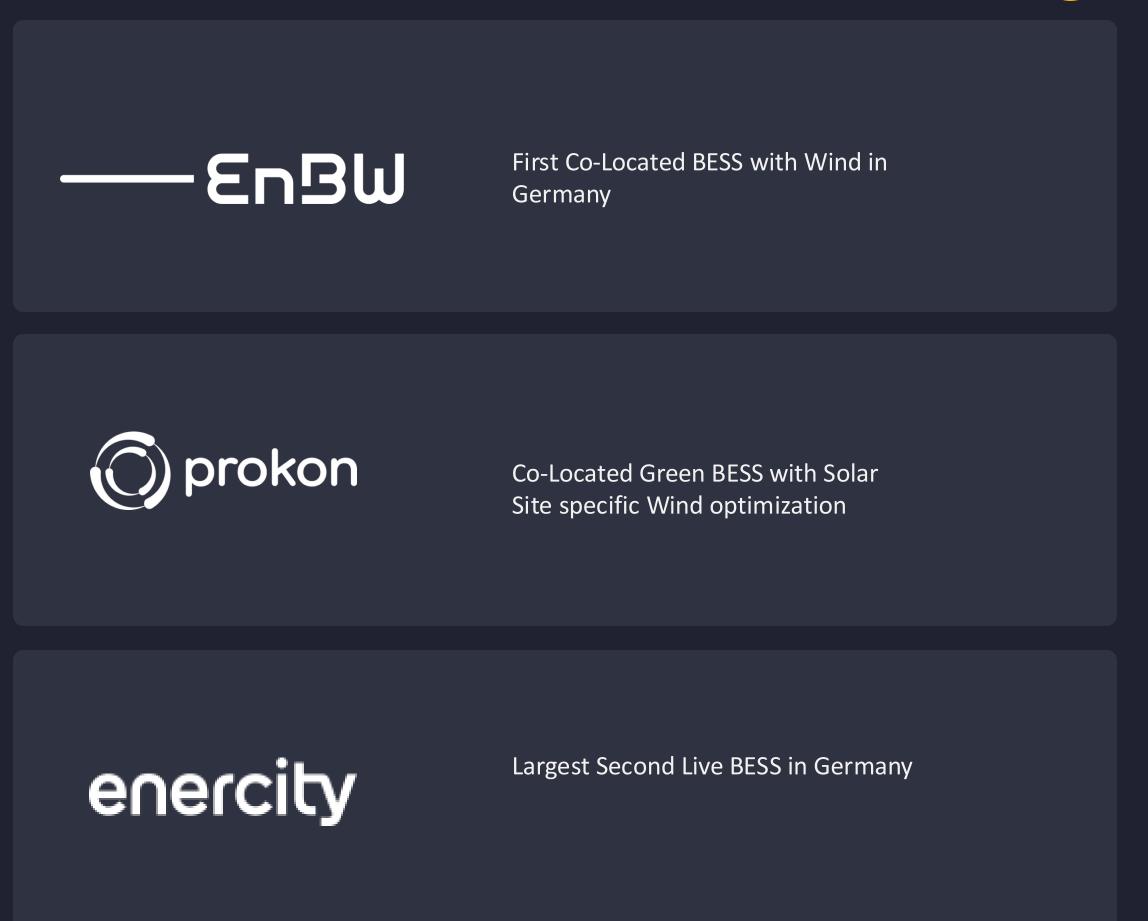






We strive where complexity get's high!

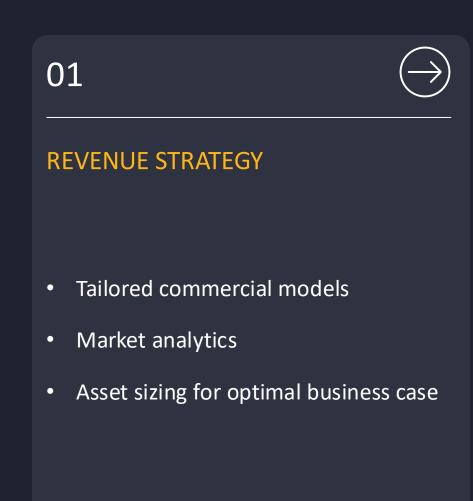


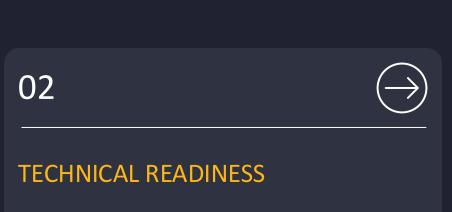






Powerful partnerships meet high-performance trading strategies





- Regulatory compliance, metering and EMS
- Optimal warranty design for the specific use case
- Consideration of grid constraints



MARKET QUALIFICATION & FAST ACCESS

- German PQ expertise for streamlined documentation and testing
- Efficient coordination with TSOs
- Fast and compliant entry into ancillary services

MARKET-LEADING BESS OPTIMIZATION

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- Al-based trading algorithms proven in German real-market operations
- Real-time bidding with integrated degradation management
- Multi-market optimization to maximize overall returns

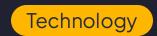
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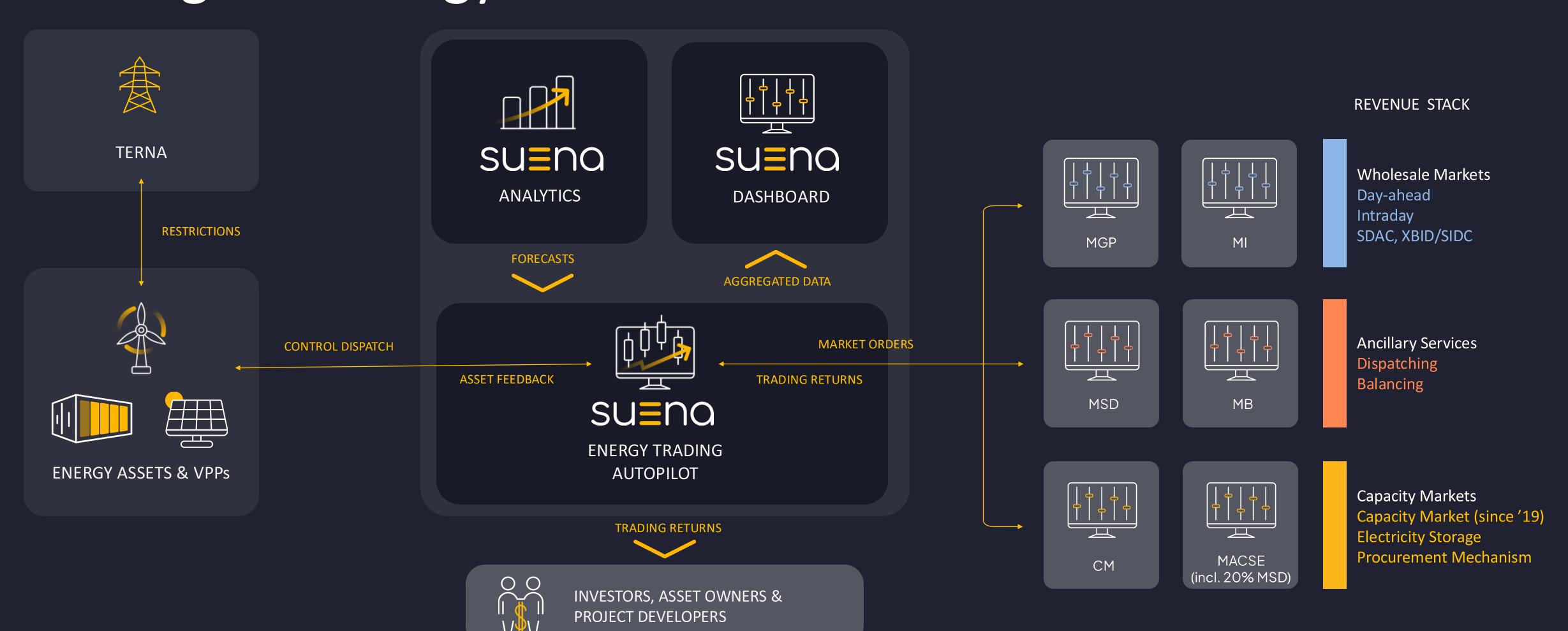
FULL SERVICE AND CONTINUOUS IMPROVEMENT

- 24/7 monitoring with live dashboards
- Expert trading oversight with continuous Al improvement
- Partnership approach to drive ongoing performance optimization





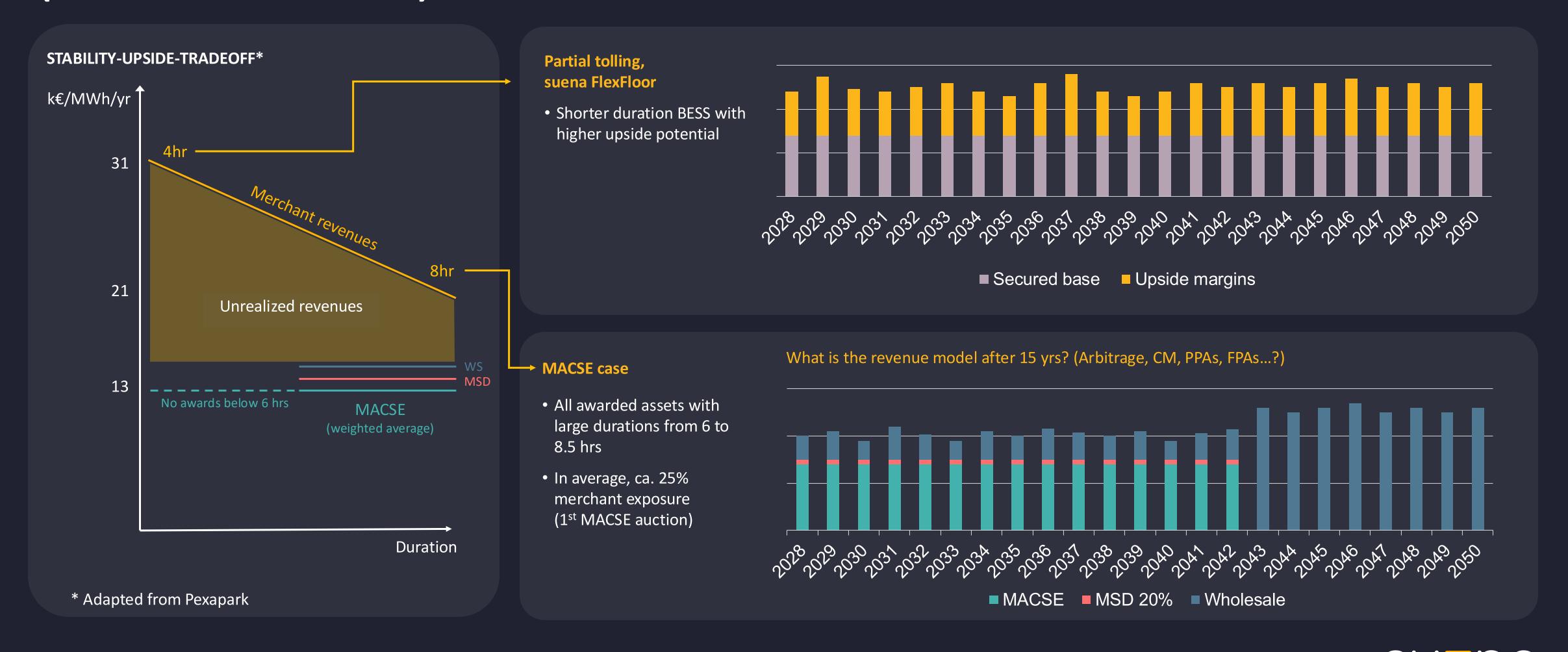
Unlocking the full value of your assets through market-leading technology







The revenue strategy determines your initial asset setup (and vice-versa)







suena's FlexFloor combines the security of steady floor revenues while adding merchant revenues on top

HOW IT WORKS

- suena holds the trading contract and forwards merchant revenues
- suena operates and dispatch battery storage in daily energy trading with leading technology to maximize merchant revenues
- Counterparty with high investment-grade guarantees revenues, backed by its balance sheet
- This enables risk mitigation and while participating in merchant upside

