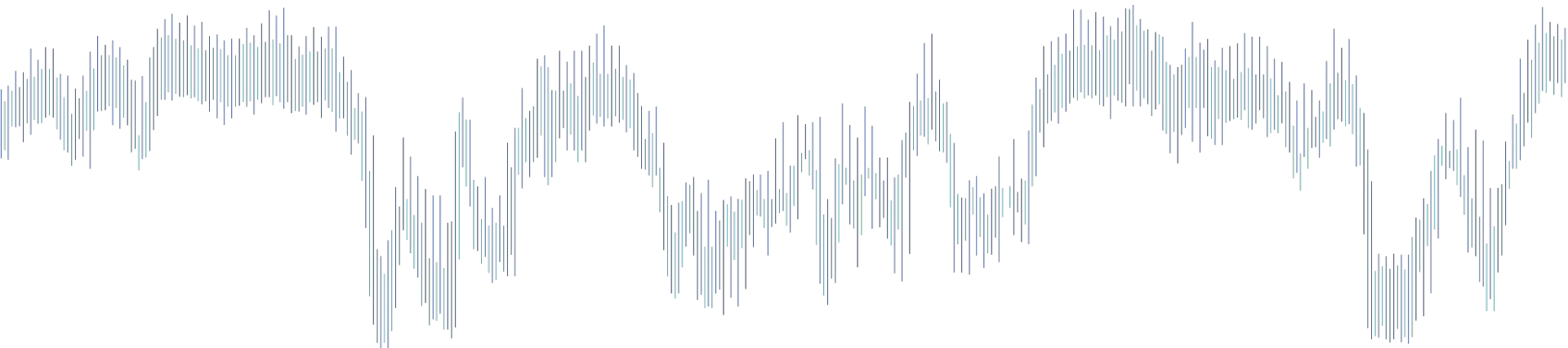
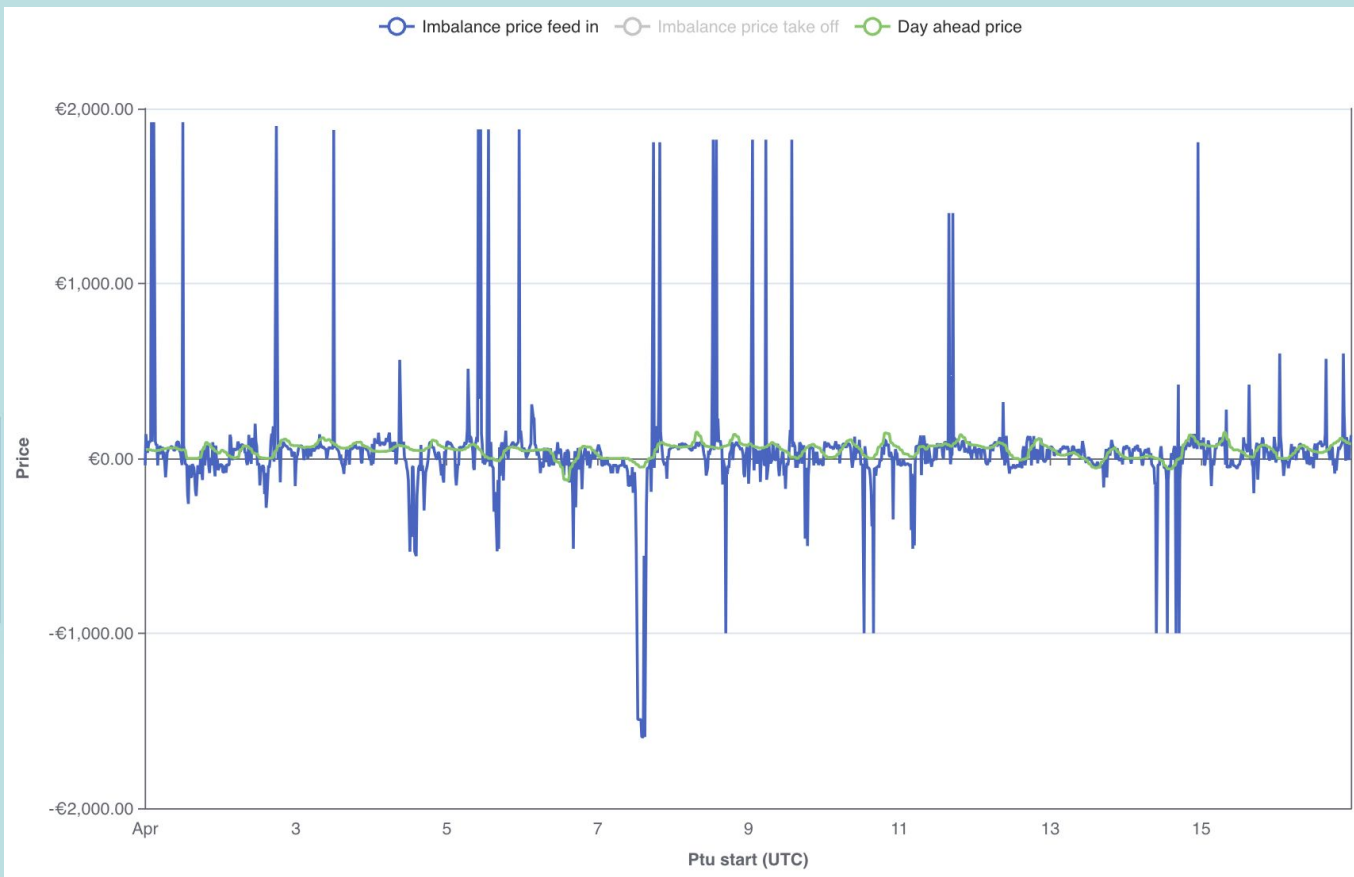


# Maximizing short-term trade profits with the power of AI



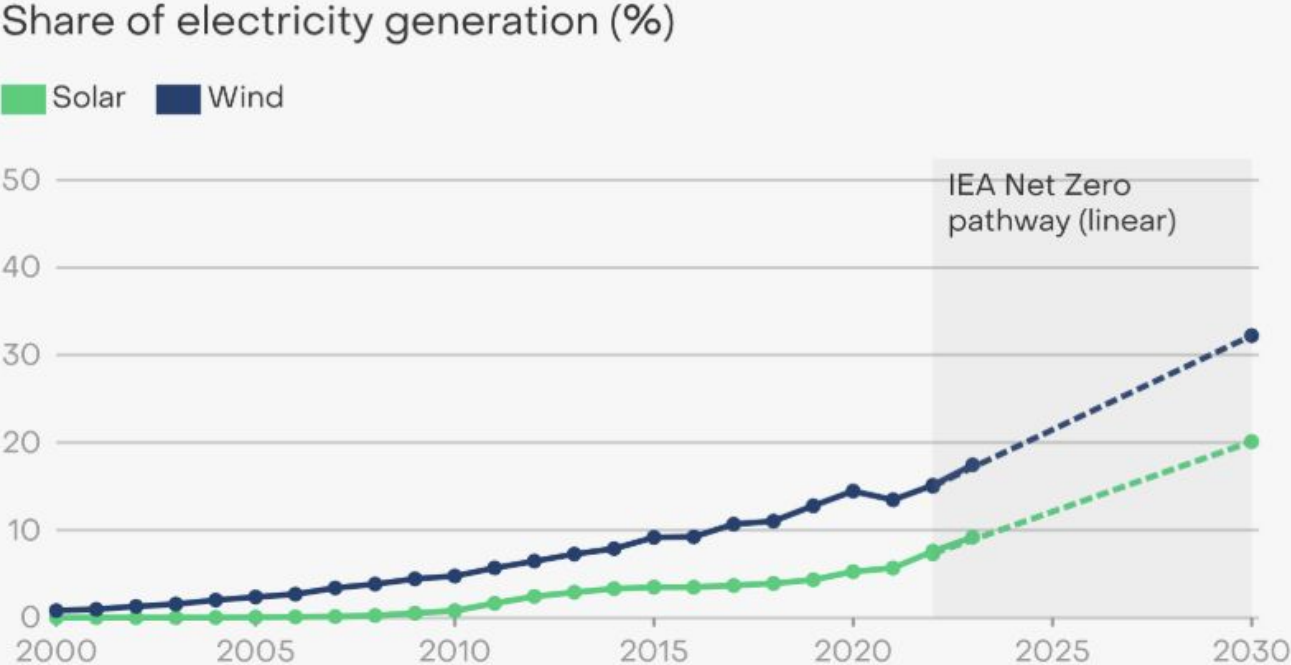




# DEXTER

Forecast & trade optimization to  
maximize short-term trade profits

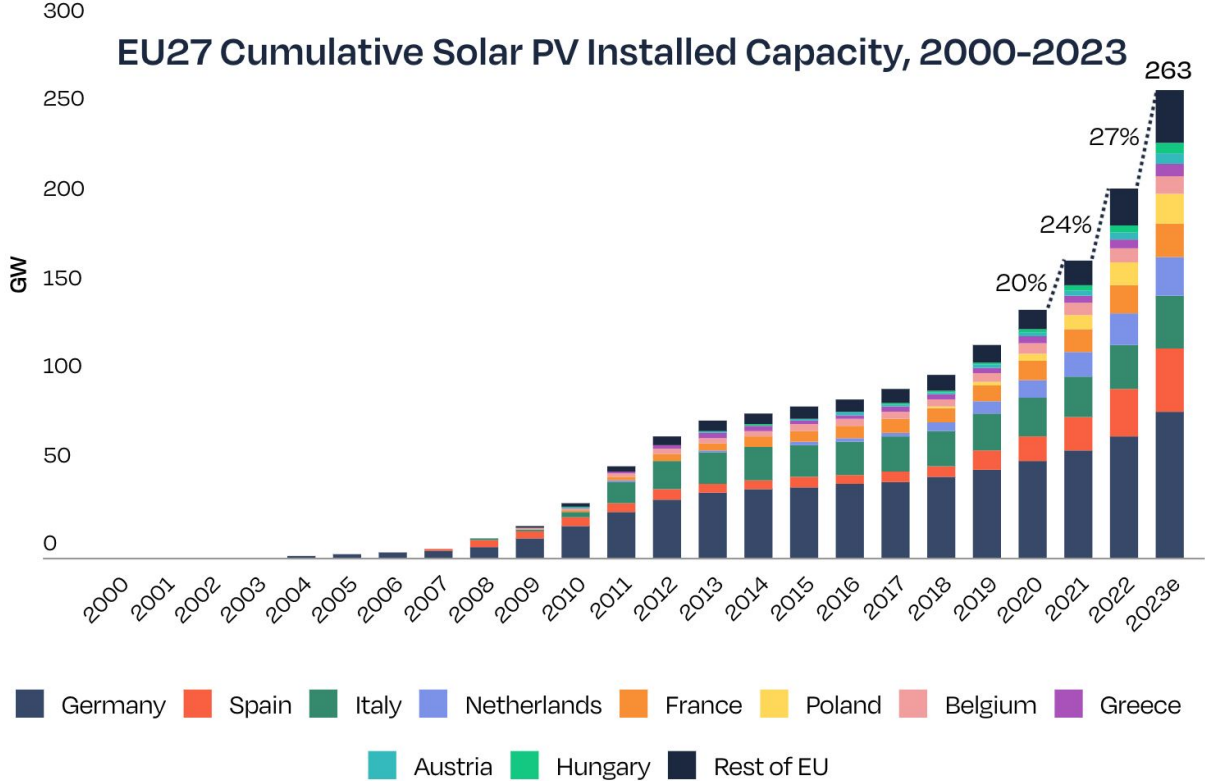
# EU wind & solar electricity generation & pathway to net zero



Source: Annual electricity data, Ember (solid line); IEA Net Zero (2023) figures for 2022 and 2030 (dotted line)

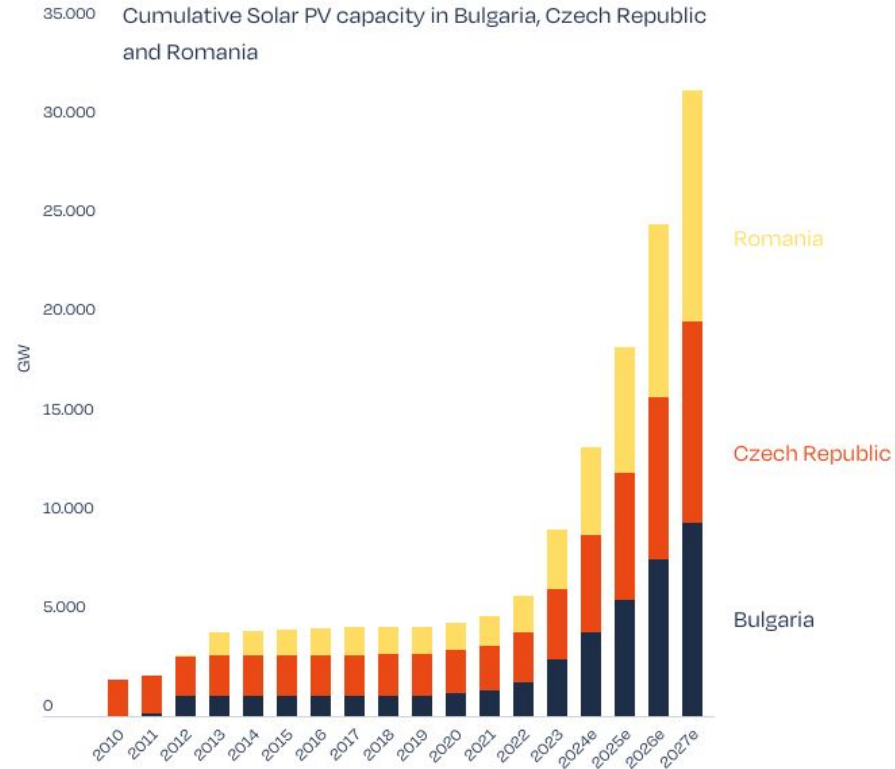


# Poland, Greece, Hungary & Austria in top 10 solar installers



Source: EU Market Outlook for Solar Power 2023-2027

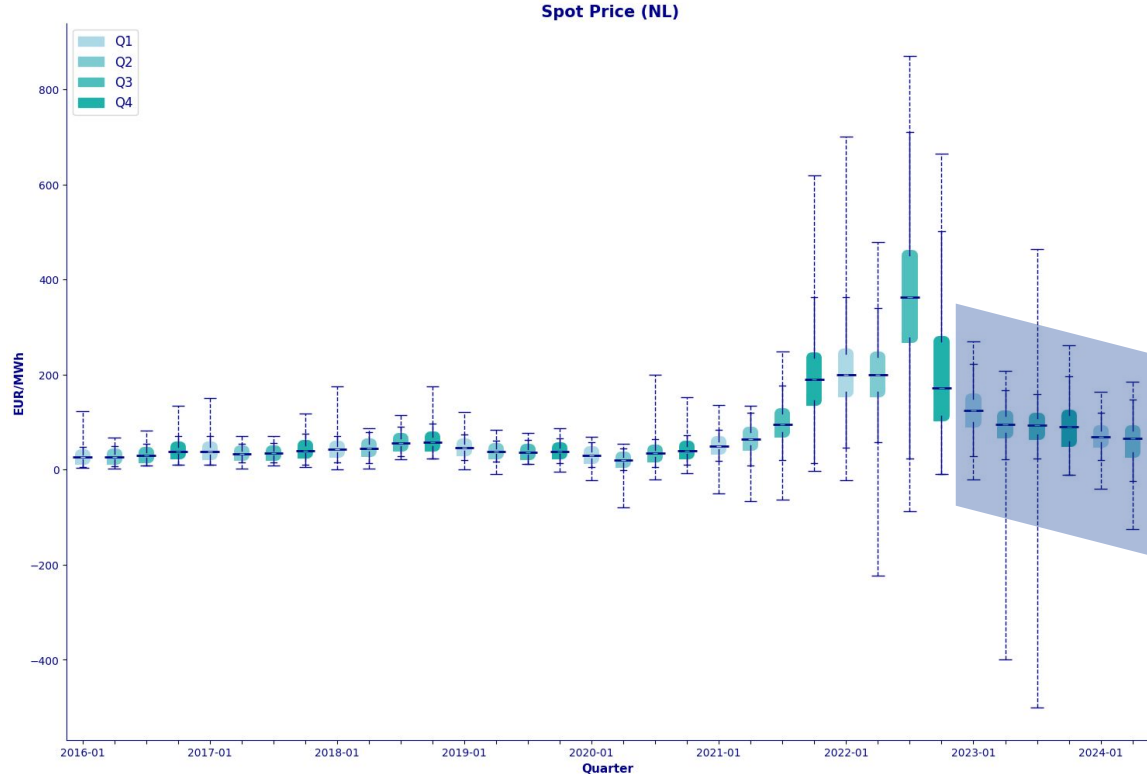
# PV capacity in Eastern EU set to skyrocket in next 3 years



Netherlands #1 solar producer with 1'280 Watt per capita

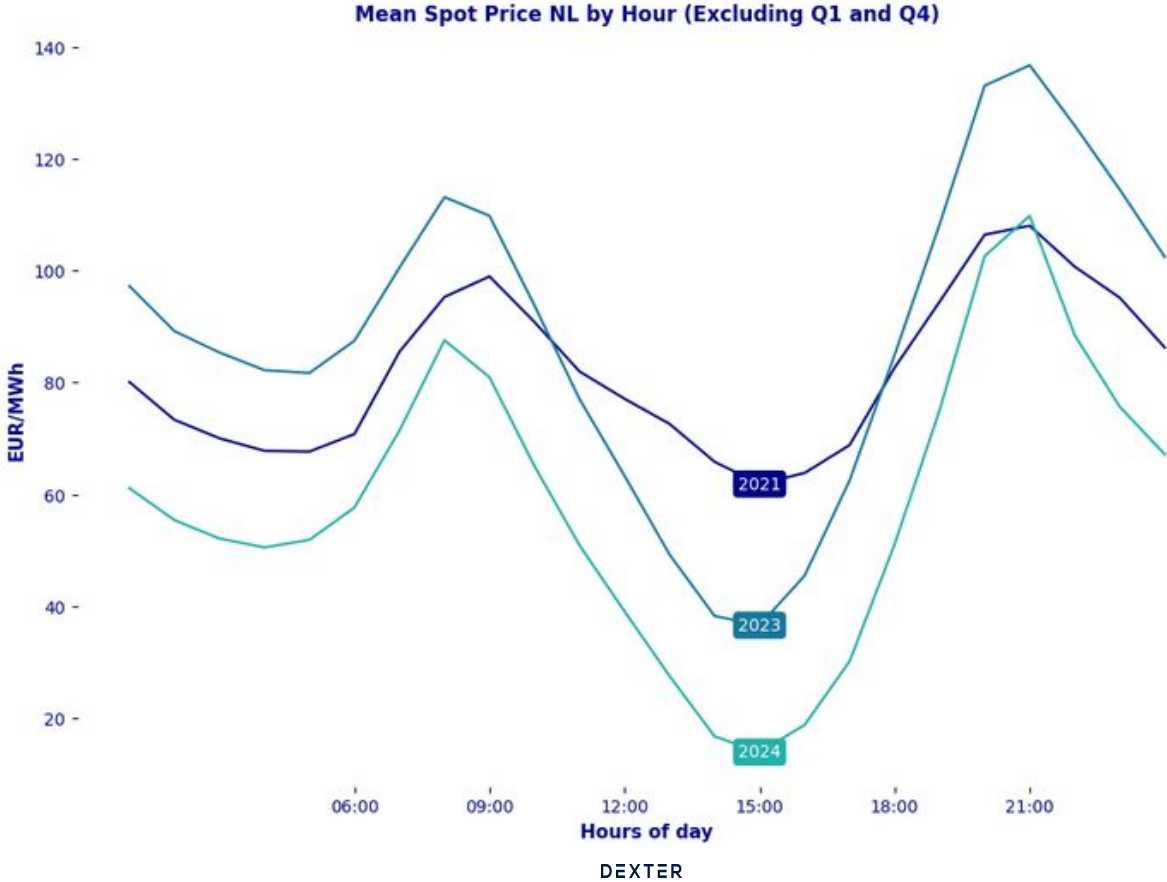


# A bigger share of renewables drives down the day-ahead price, which is a challenge for merchant risk holders

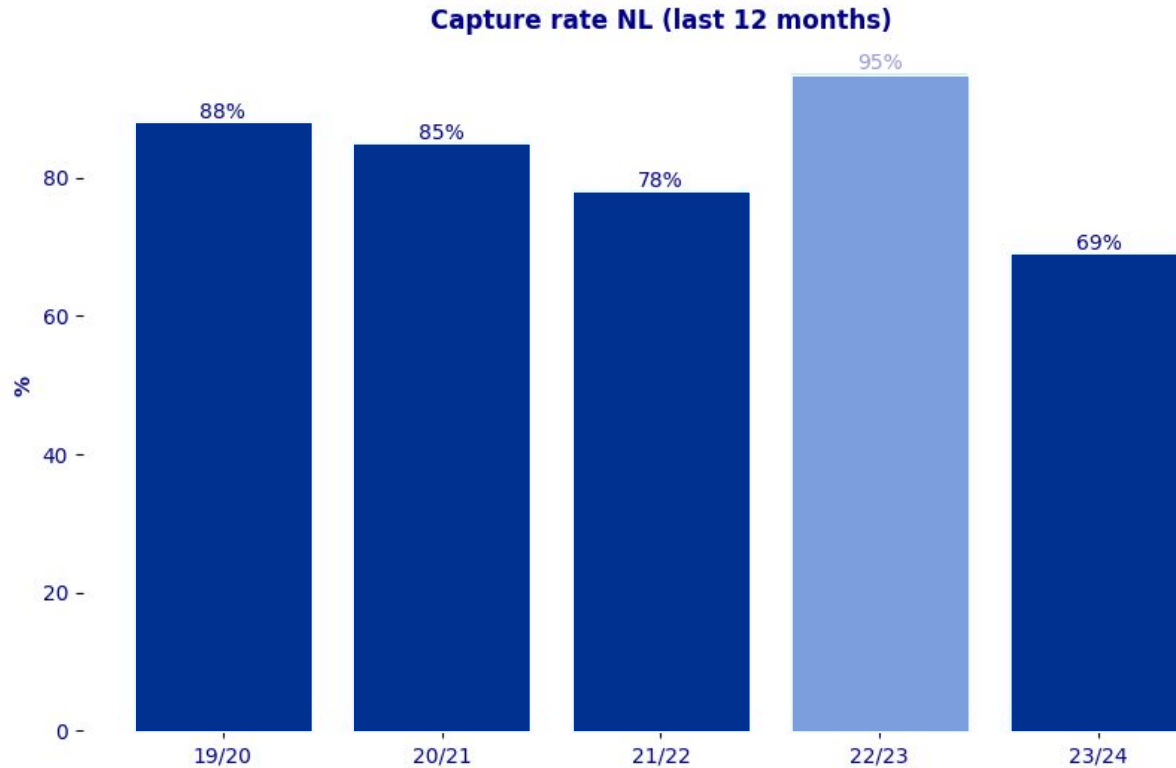




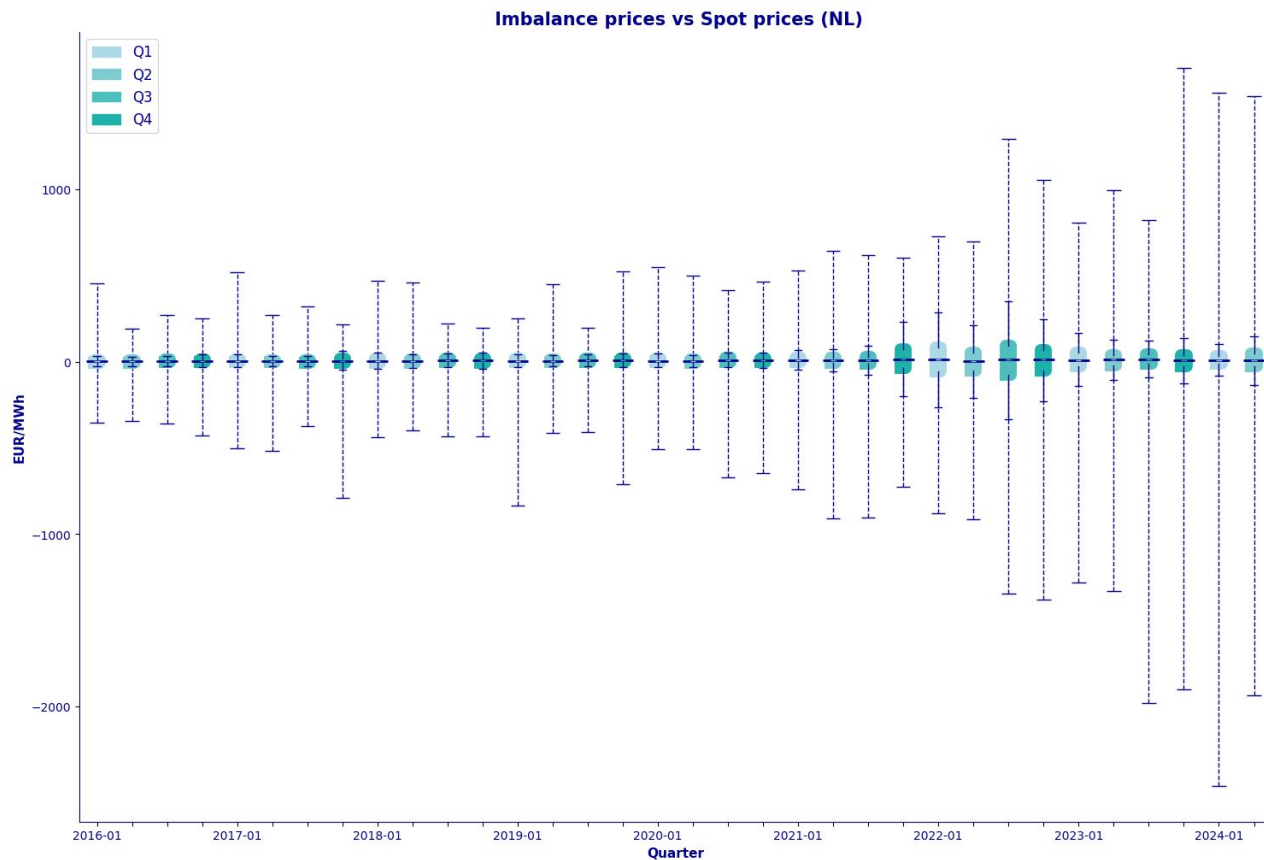
# Spot prices are dropping during peak solar hours



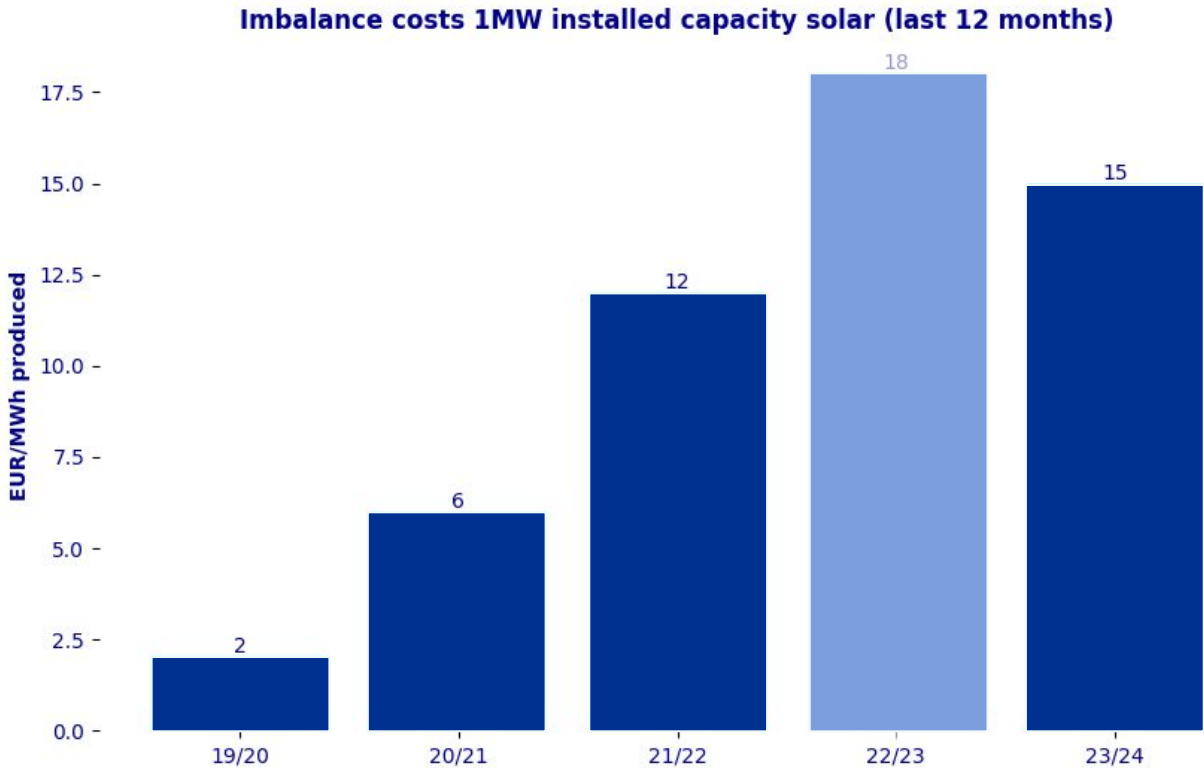
# Capture rate of PV in the Netherlands is going down



# Imbalance price spreads are increasing

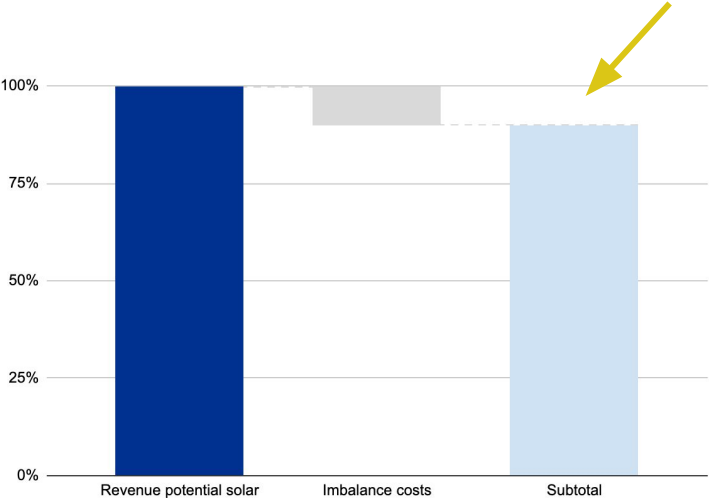


# Leading to higher imbalance costs for renewables

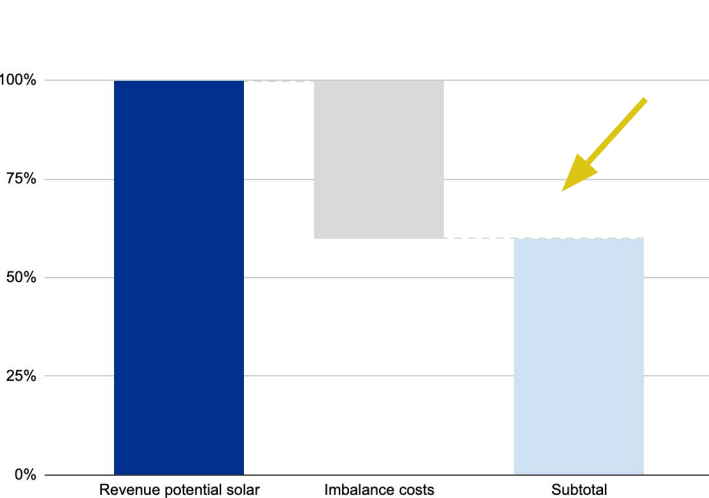


# The economics for renewables are under pressure

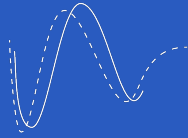
Solar revenue potential (2020 YTD)



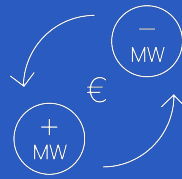
Solar revenue potential (2024 YTD)



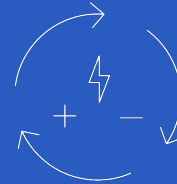
# Optimize financial performance for power trading.



Generation  
Forecast

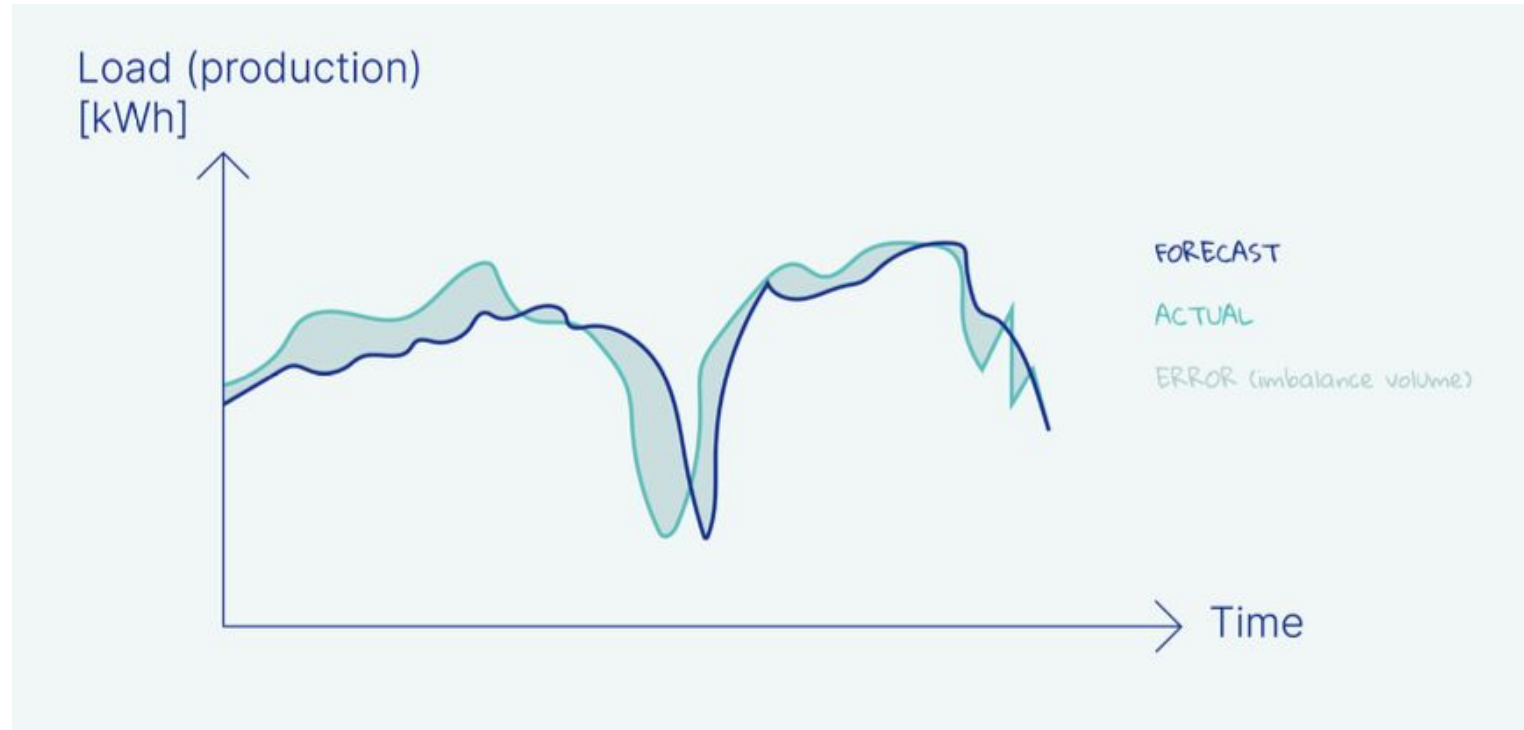


Trade  
Optimization

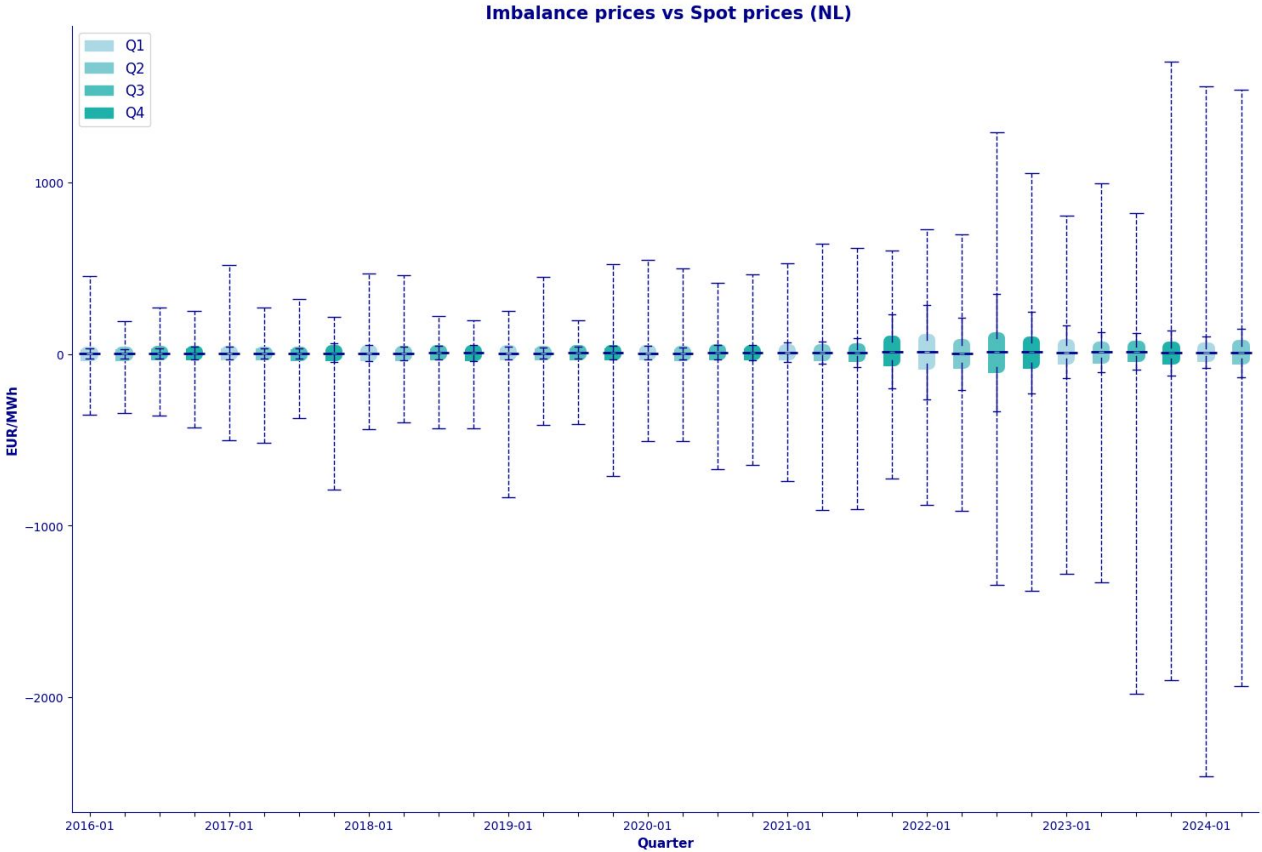


Flex  
Optimization

# Accurate generation forecasts dampen imbalance risk



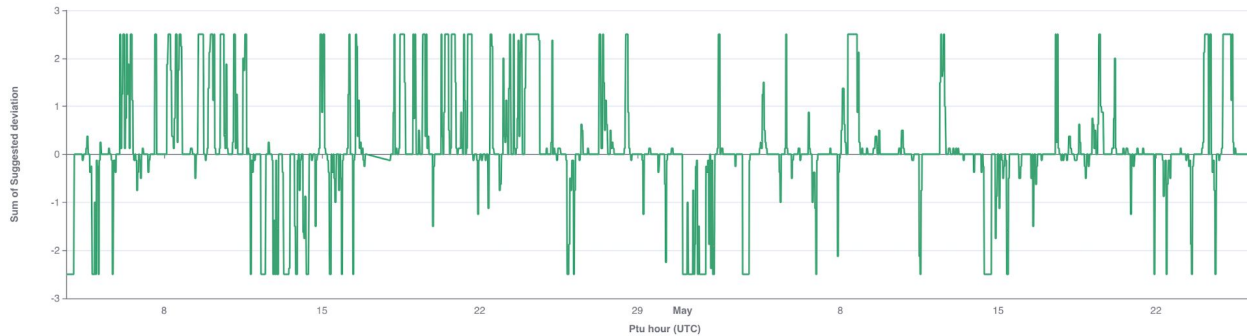
# Extreme imbalance prices are also an opportunity





# Strategic bidding on DA/ID to counteract imbalance spikes

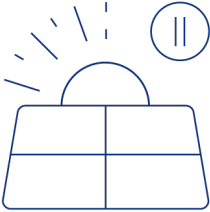
Deviation per ptu - paper trading



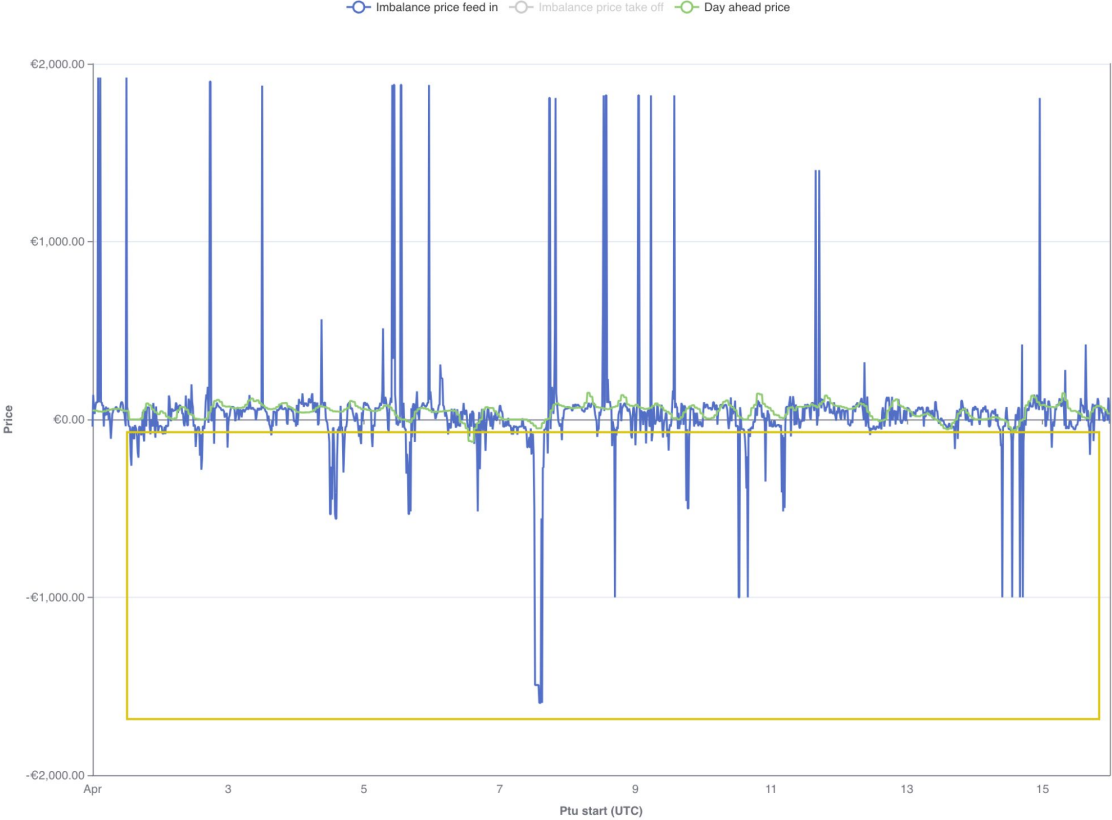
Cumulative added value per paper trading portfolio - daily



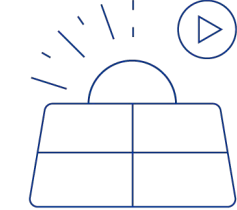
# Gain flexibility with curtailment



Imbalance curtailment



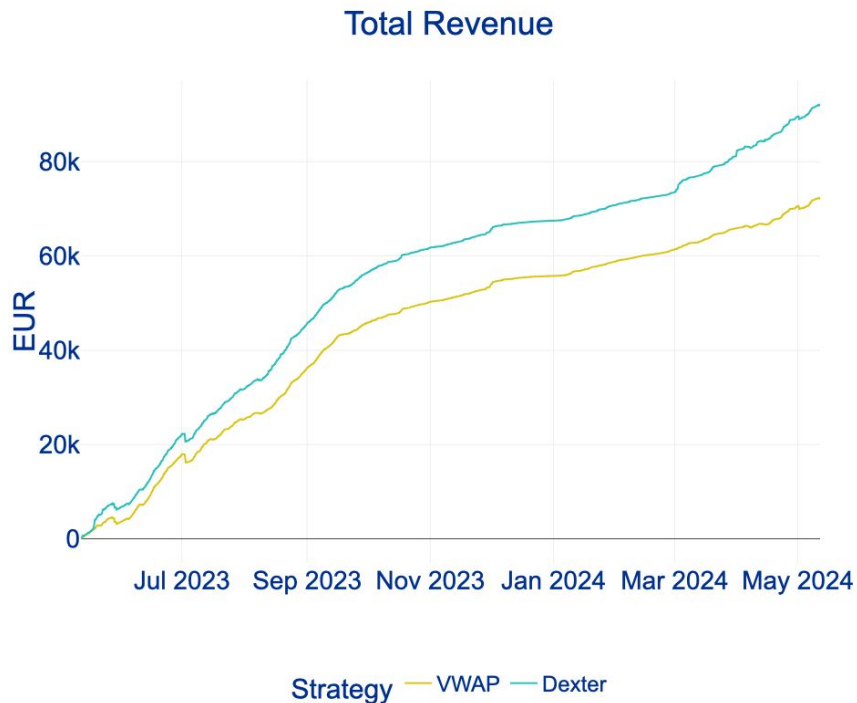
# Gain flexibility with curtailment & de-curtailment (“release”)



Imbalance  
de-curtailment  
“releasing”



# Flexing renewables on the imbalance market increases profits



€92.2k

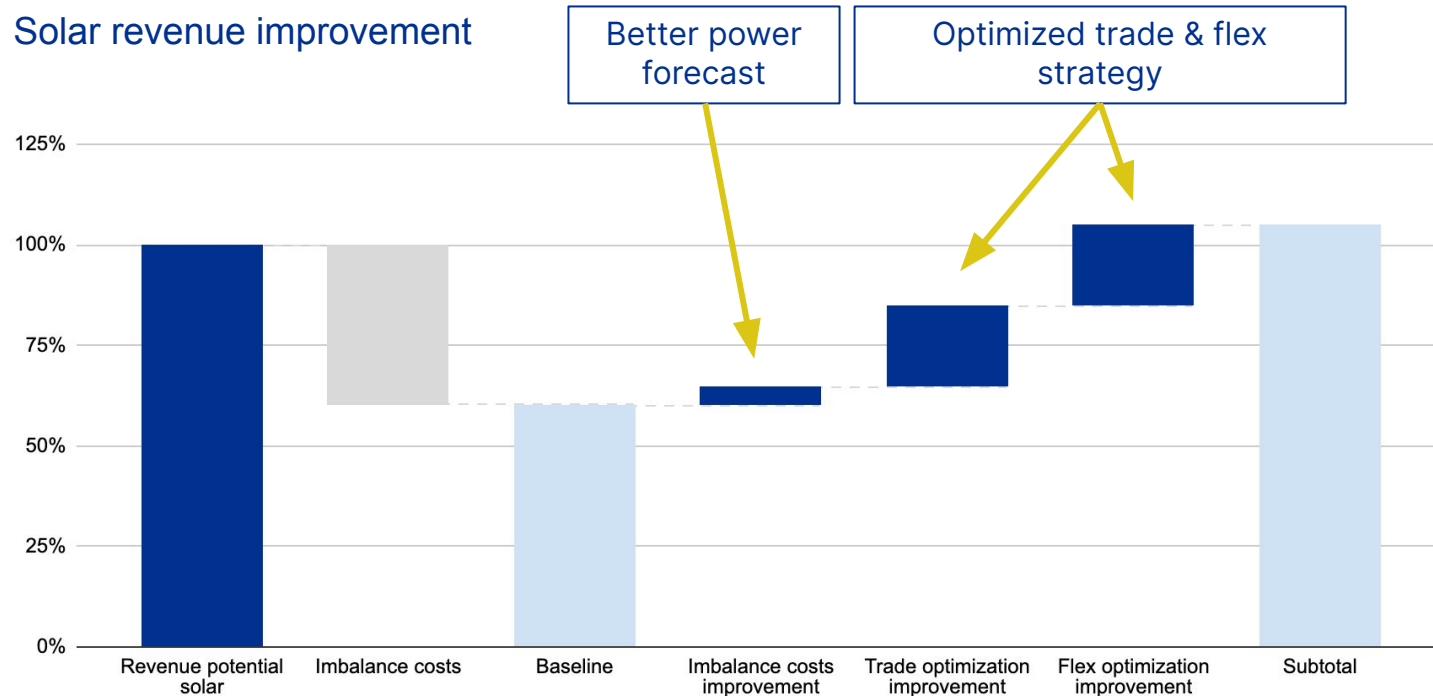
+€20k / MWh  
installed capacity

€72.2k

## Set-Up and assumptions

Day-ahead Limit order:	-10 EUR/MWh
Strike price:	-10 EUR/MWh
Delay:	0 min
Portfolio:	1 MW Solar Asset

# Flexible setup increases revenue potential for renewables



# Key takeaways

- ✓ Wind & solar installations are ramping across Europe
- ✓ Generating revenue from renewable energy is becoming challenging
- ✓ A good power forecast and a smart long/short are good remedies
- ✓ Actively flexing renewables up and down is increasingly important

# Renewable trade optimization clients

(selection)

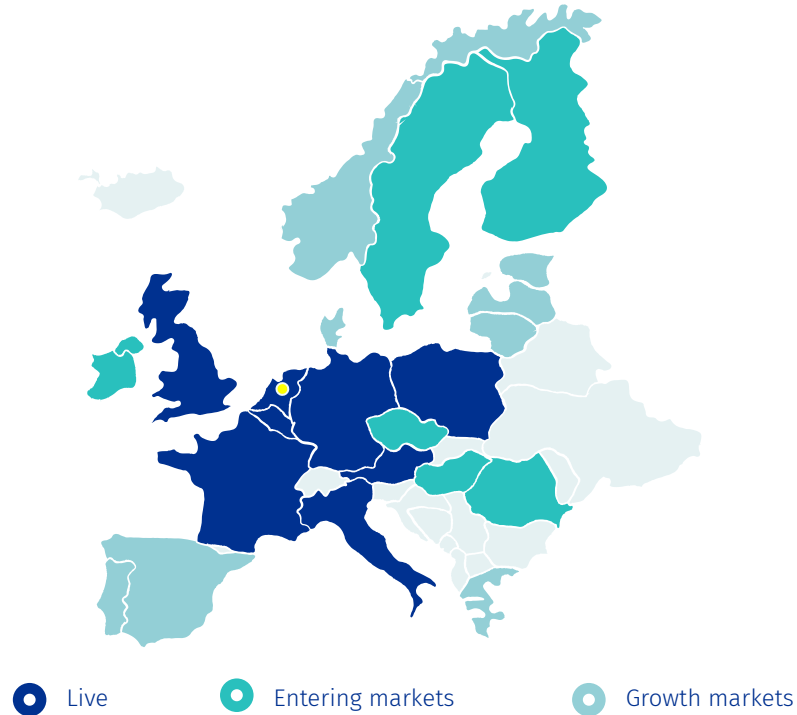


Trading asset owners

Hybrid

Power Off-takers (PPA providers)

# Geographical coverage





# How to get in touch with us?



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Thank you!

