



# ELECTRICITY MARKET OUTLOOK

Renewable & Storage Forum 2024

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# WHY RICARDO LEADS THE WAY

20+

years of pioneering expertise  
in electricity and energy  
as E3modelling

60+

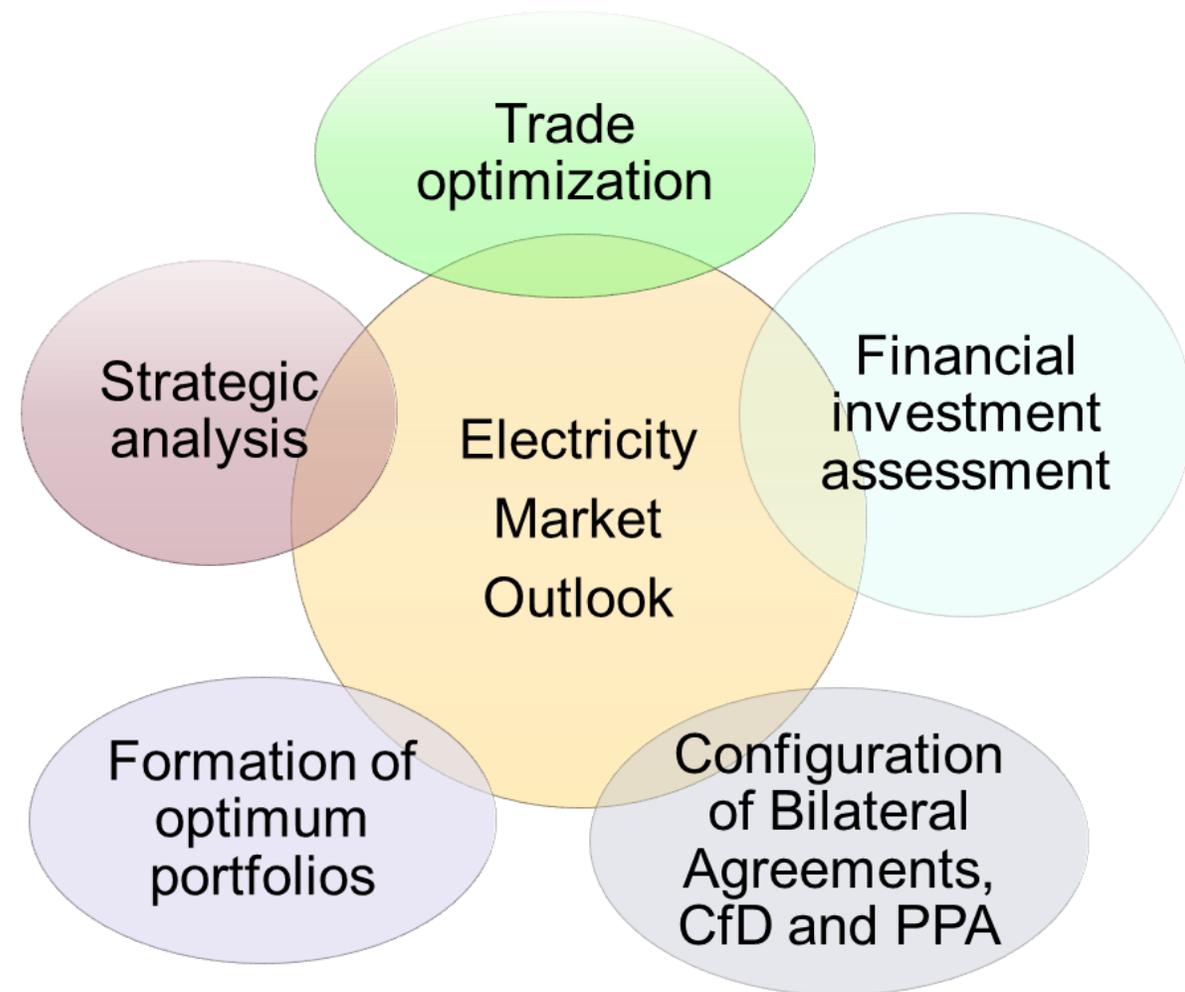
years of expertise delivering  
environmental solutions

23+

countries on  
our client list

# The internal EU Electricity market plays a cornerstone role in the Green Transition

- Electrification will increase market volumes
- Expanding interconnections broaden the market
- The renewable energy domination implies high stochasticity and variability
- Storage technologies emerge and get great importance
- Balancing and reserve markets become of strategic importance
- Wholesale market prices and costs heavily influence retail pricing and customer supply



# THE ELECTRICITY MARKET OUTLOOK



## In-depth analysis

We offer in-depth analysis of the NECP's impact on the electricity market over the medium and long-term using our proprietary PRIMES-IEM model



## Alternative scenarios

We develop alternative scenarios to account for additional factors that may influence the market.



## Quarterly reports

Quarterly reports provide comprehensive explanations of scenario narratives, including assumptions and outcomes.



## Customized scenarios

Customized scenarios can be created based on specific client-provided assumptions.

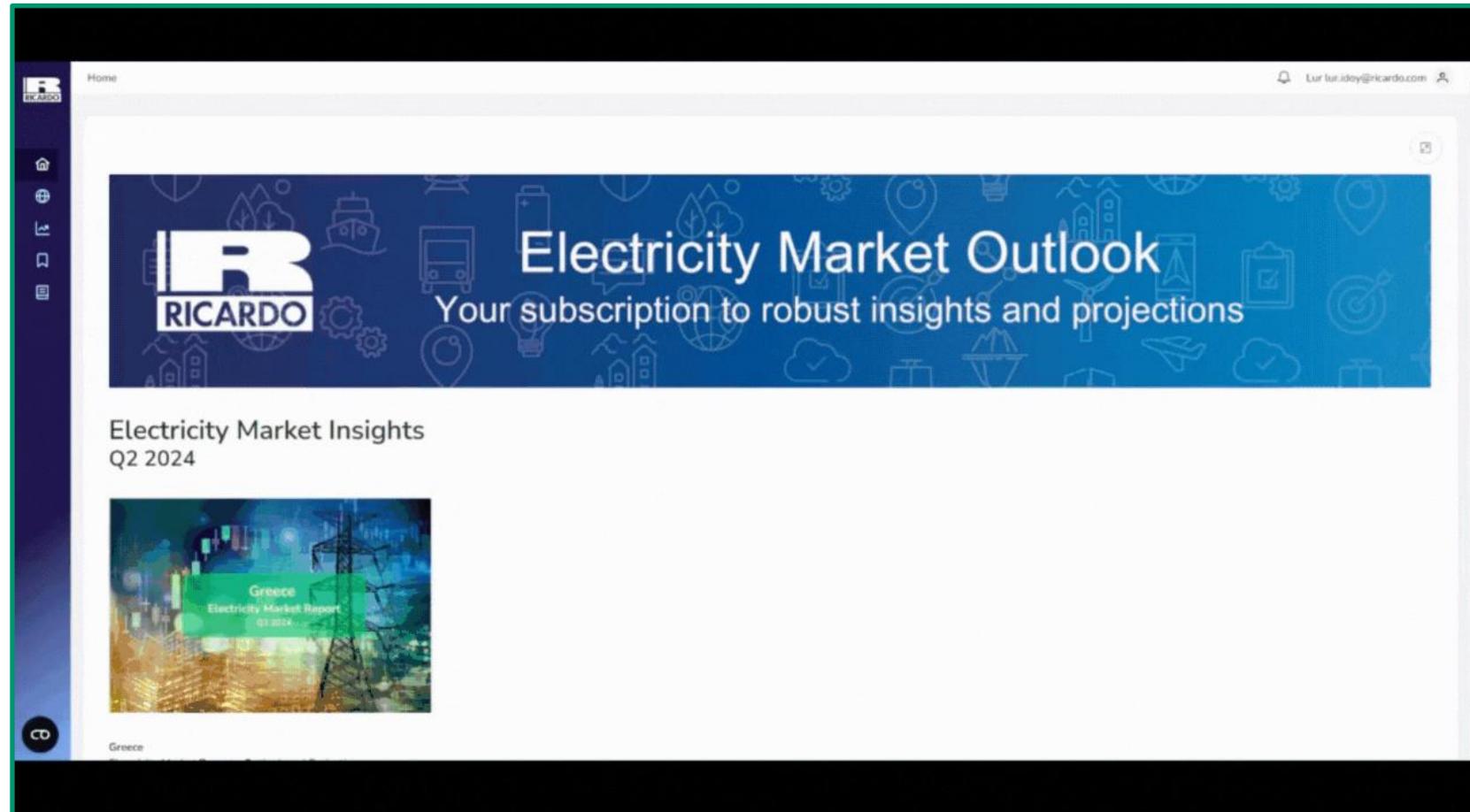
# FULLY INTERACTIVE MARKET OUTLOOK AT YOUR FINGERTIPS

## Software as a Service

All data and reports are accessible through our interactive platform.

Create your own reports and dashboards.

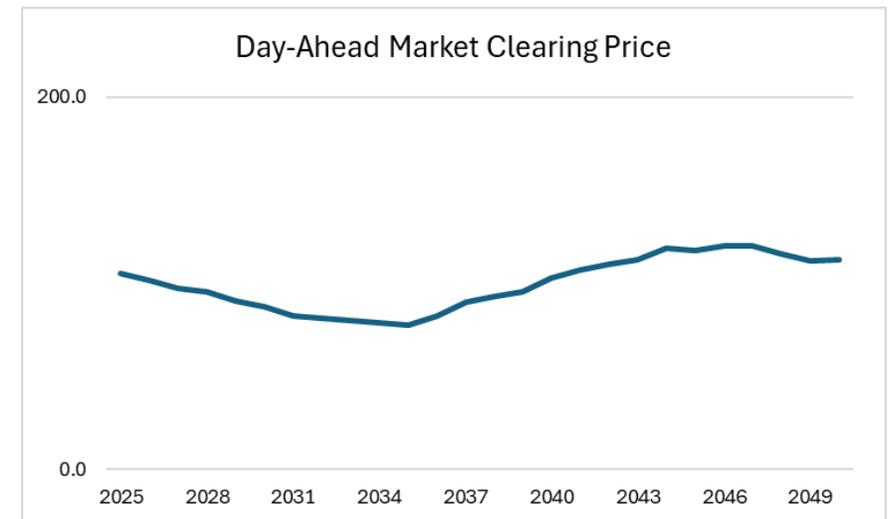
Analyse, interrogate and compare the data using the interactive widgets.



# HOURLY SIMULATION OF THE GREEK ELECTRICITY MARKET UNTIL 2050 MIRRORING THE NECP AND SENSITIVITY ANALYSES

## Key insights:

- Sensitivity analysis has shown that the optimal configuration of renewables and storage is of critical importance for avoiding excessive curtailments and extreme price fluctuations.
- Revenues solely from the wholesale market seem to be insufficient to ensure a stable capital recovery stream for RES.
- The projected imports/exports are assumed to be in the medium and long term aligned with the system requirements, high imports at net load peak times and high exports at net load valleys.

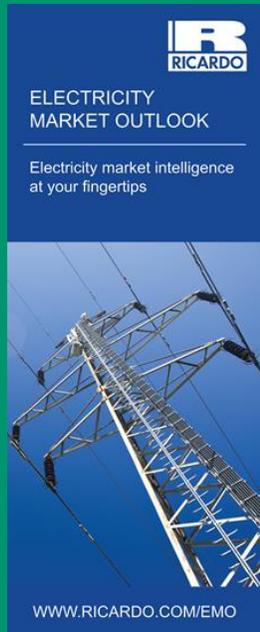




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