

EEX Group Workshop Power Derivatives Market Updates

Speaker EEX:

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27 June 2019

Trends and Liquidity in European Power Markets

New Products in the CSEE Power Markets

4,962 TWh

Traded on the EEX Group power markets in 2018

More than
1,900 TWh

Traded on the PEGAS natural gas markets in 2018

Day-ahead
Market Coupling for

20

power spot markets

60,251

Contracts traded
In agricultural
Commodities in 2018

More than

600

Trading participants
from 36 countries

210

Emissions Auctions (EUA+EUA)
in 2018

Trading participants of EEX for Power

EEX connects **265** trading participants from **27** countries:

8 Austria	1 Luxembourg
1 Bulgaria	14 Netherlands
1 Croatia	6 Norway
14 Czech Republic	10 Poland
9 Denmark	1 Portugal
1 Finland	3 Romania
14 France	4 Slovakia
55 Germany	6 Slovenia
4 Greece	15 Spain
3 Hungary	3 Sweden
3 Ireland	20 Switzerland
33 Italy	32 United Kingdom
2 Liechtenstein	1 N.N.

1 non-European participants

Cayman Islands

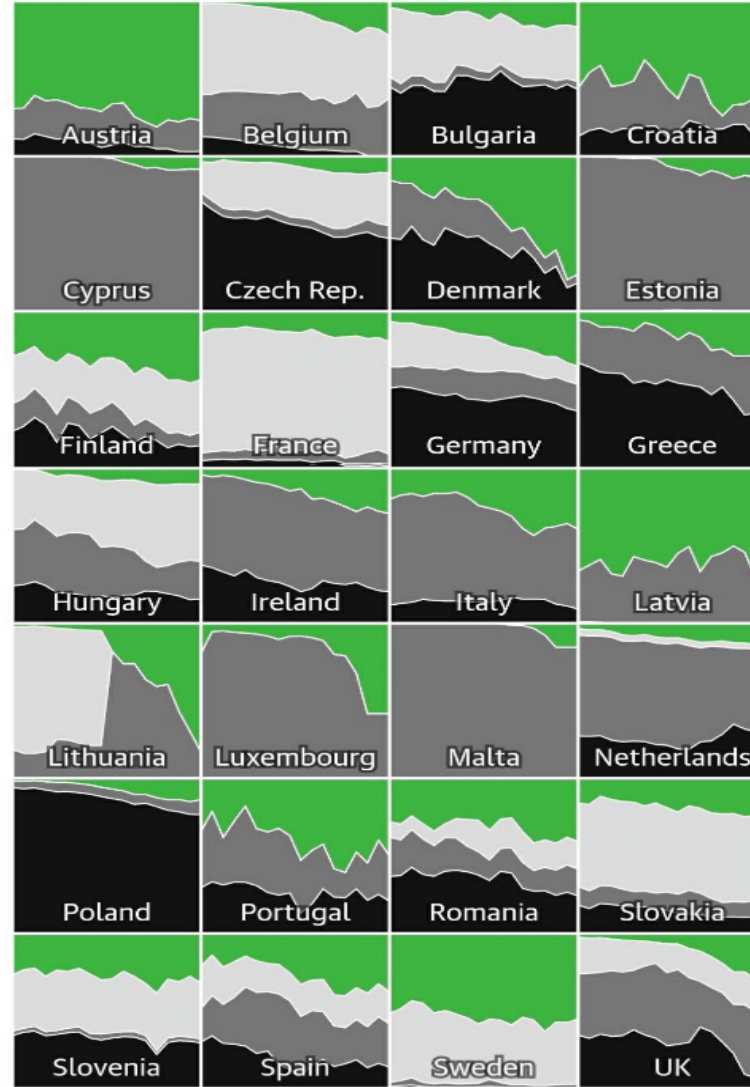


Europe is in transition

Power generation by source (2000-2018)

coal
 other fossil fuels
 nuclear
 renewables

2000 2018

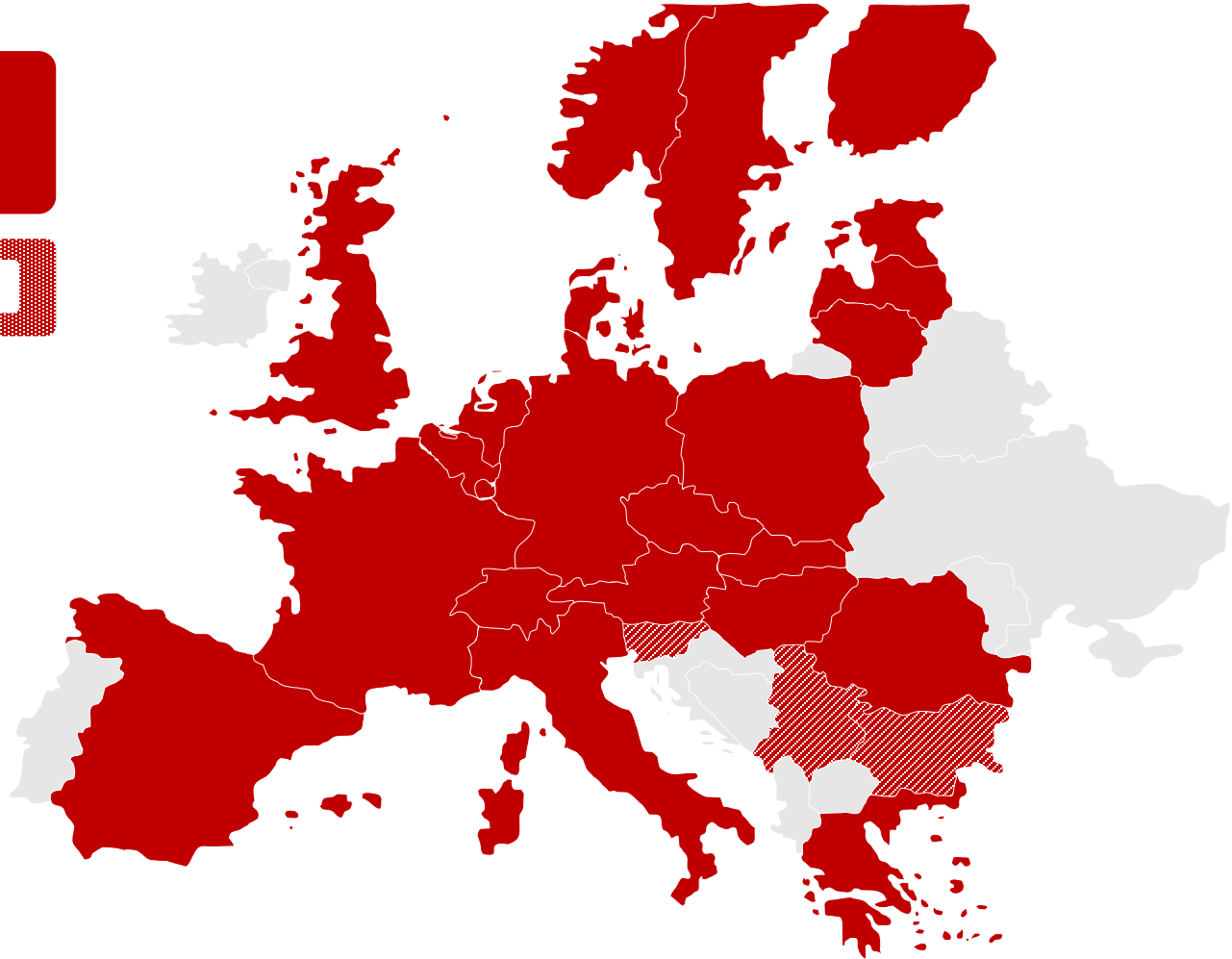


EEX extends offering to 20 European market areas

Market Coverage – Power Derivatives

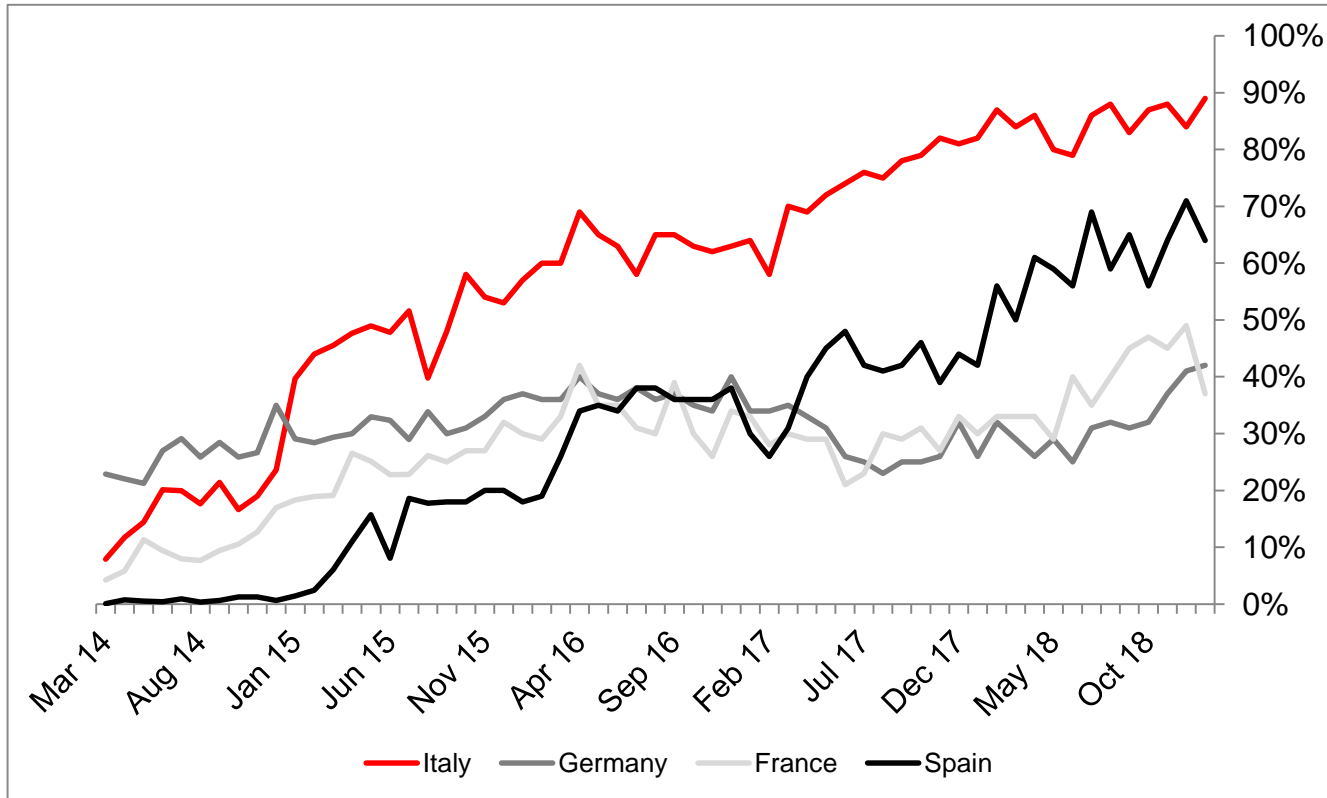
Exchange-traded EEX
Power Futures

New Market Areas



EEX power derivatives market shares

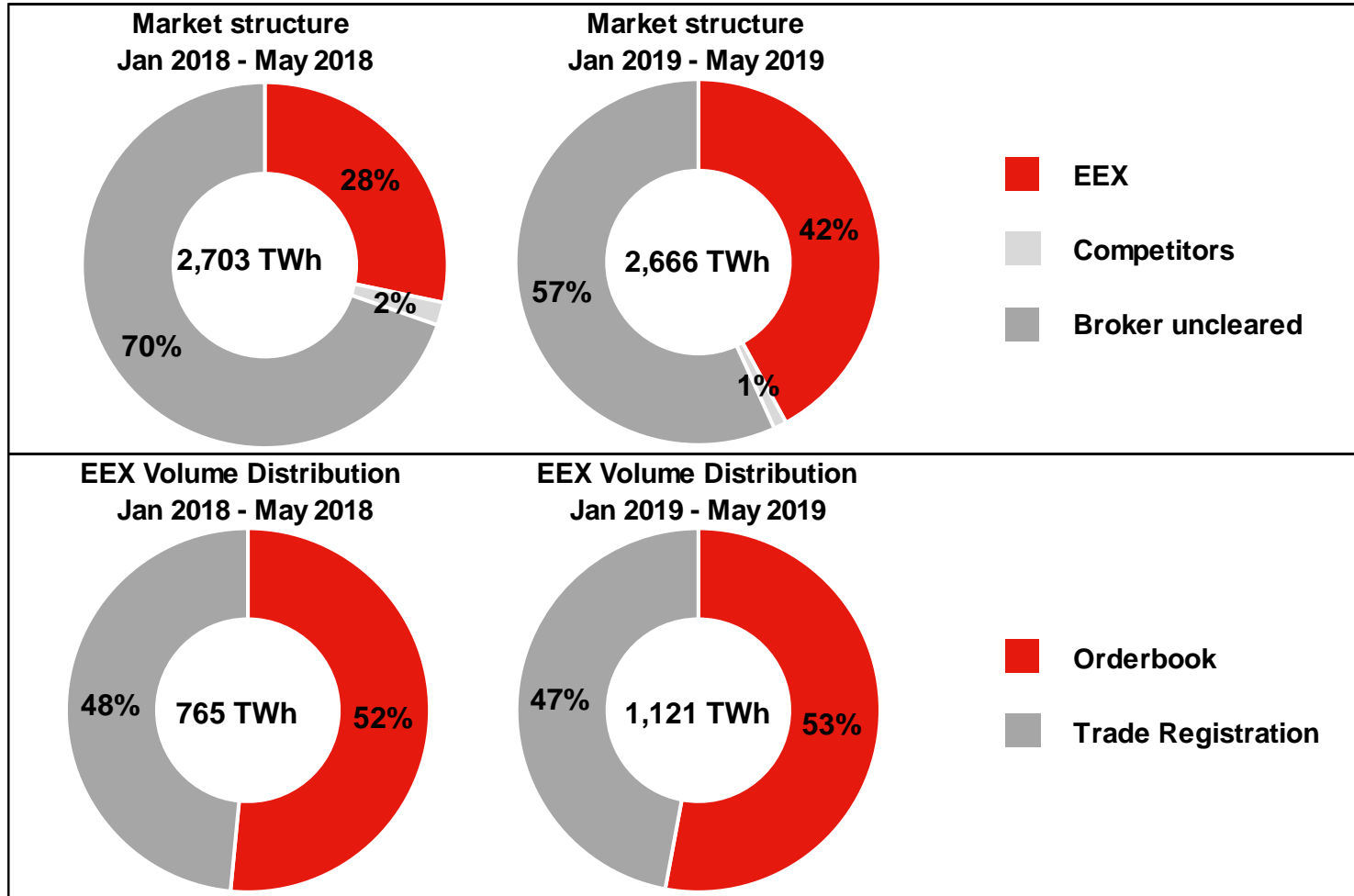
German, French, Italian and Spanish Power



The calculation of EEX's market share is based on the figures published by the exchanges and the London Brokers' Association (LEBA) every month.

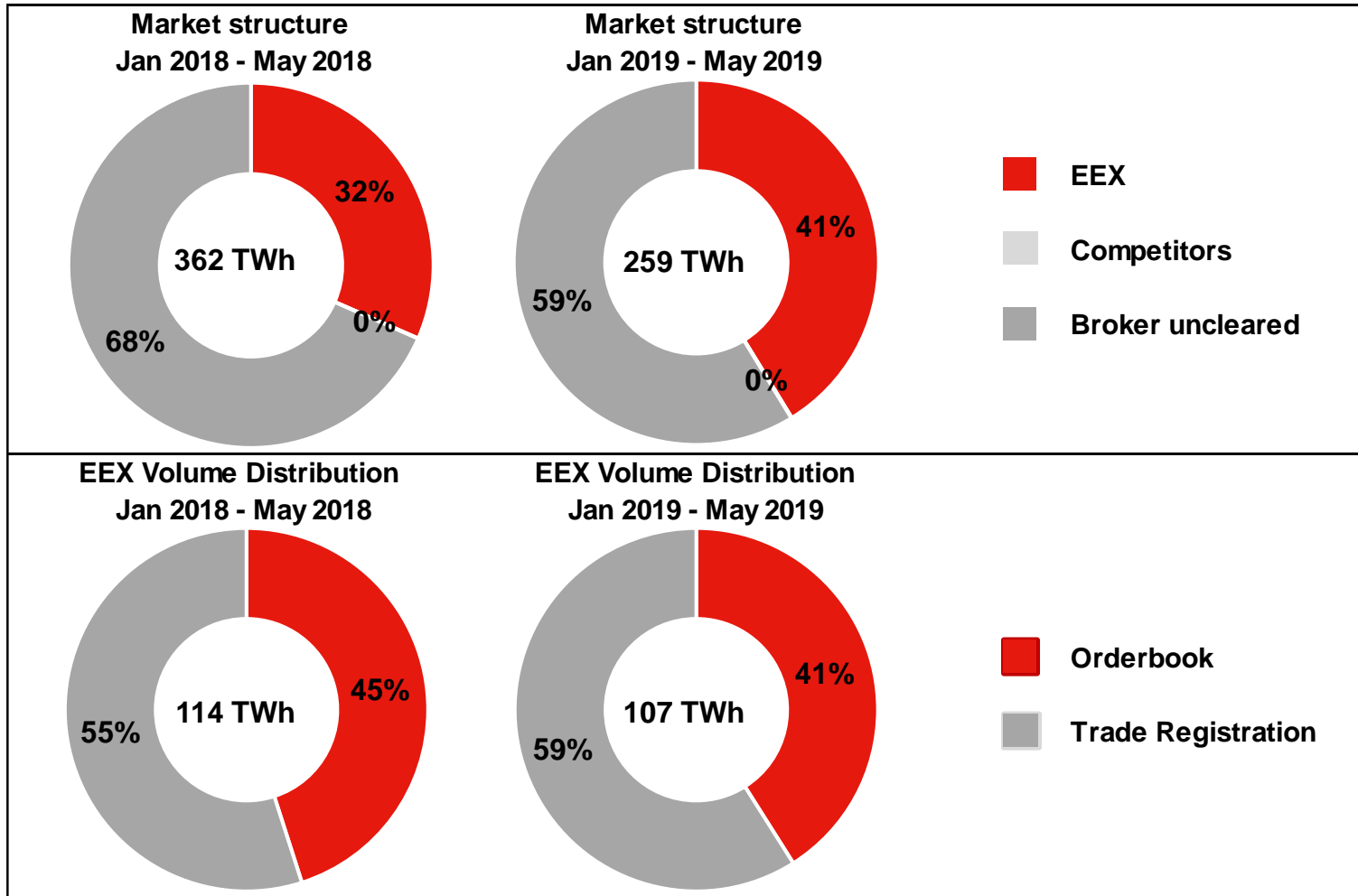
German Power Futures

Phelix-DE established as benchmark for power trading in Europe



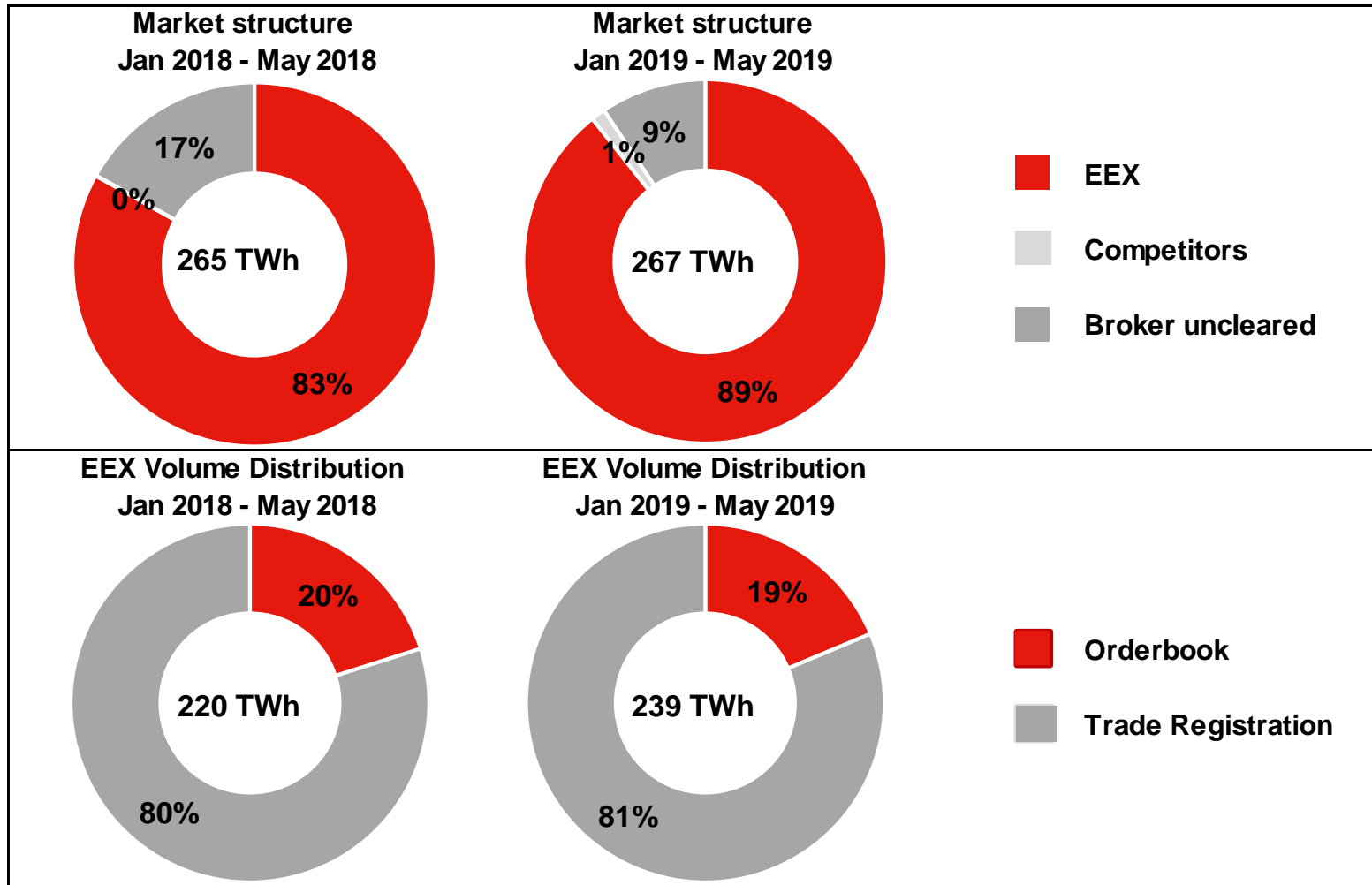
French Power Futures

Strong trend towards cleared trading



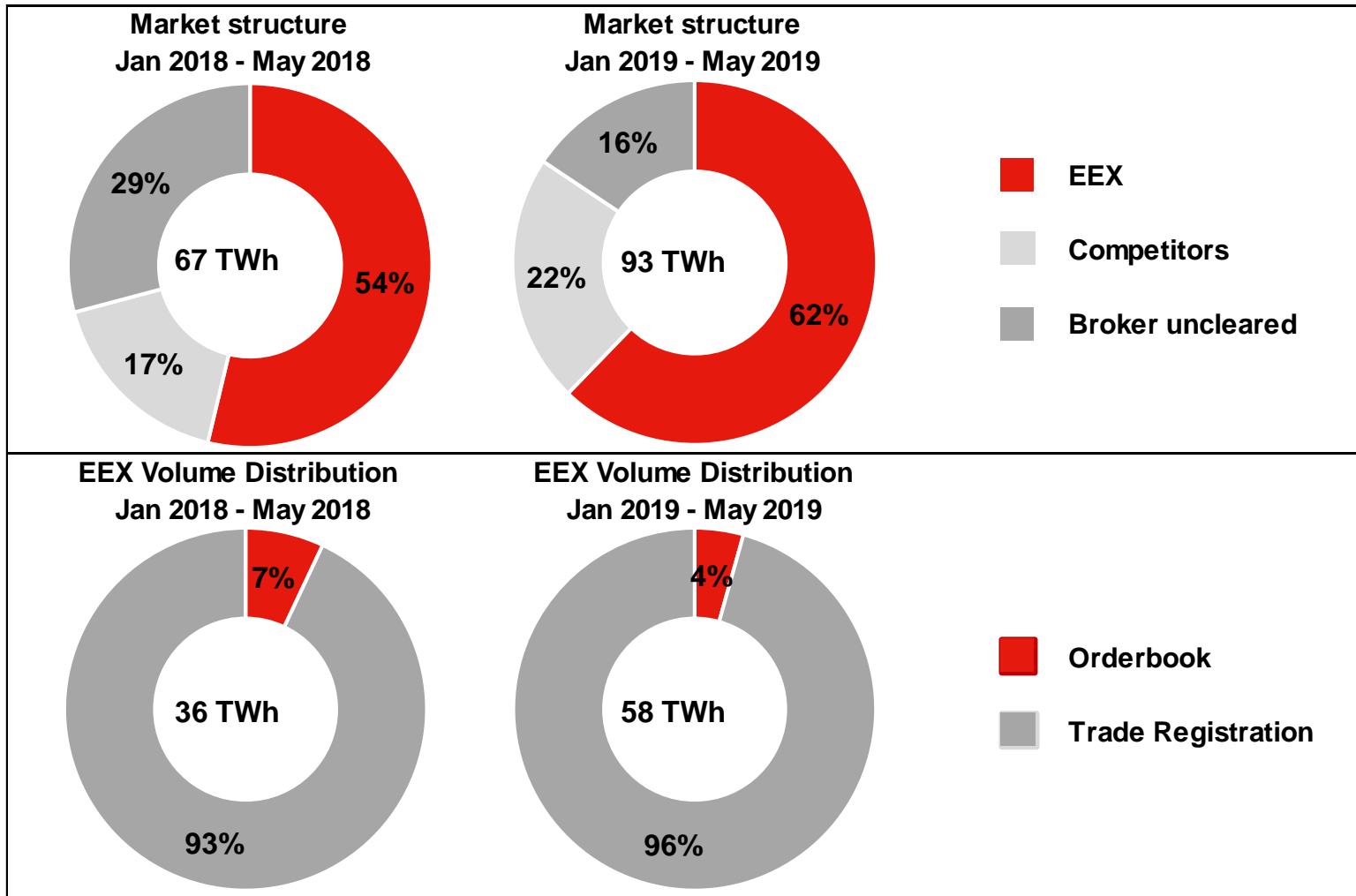
Italian Power Futures

Italy is moving towards a fully cleared market



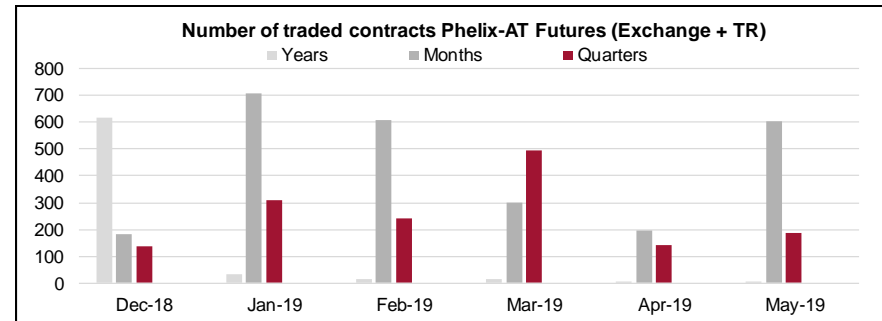
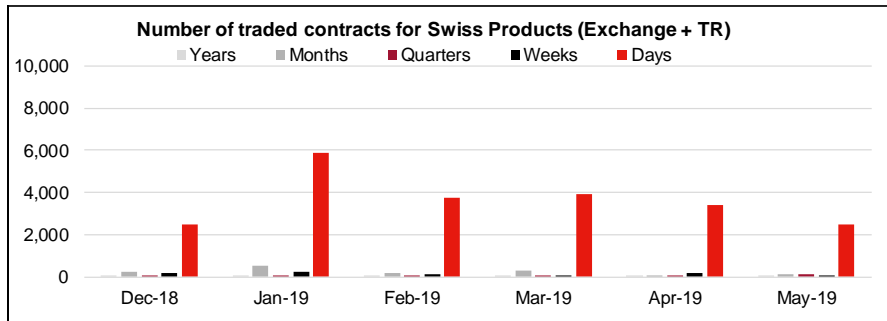
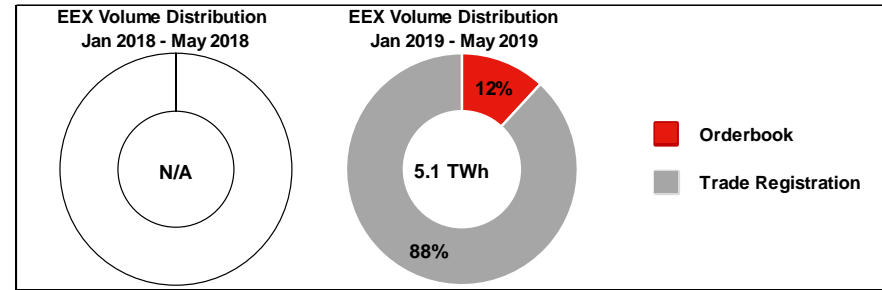
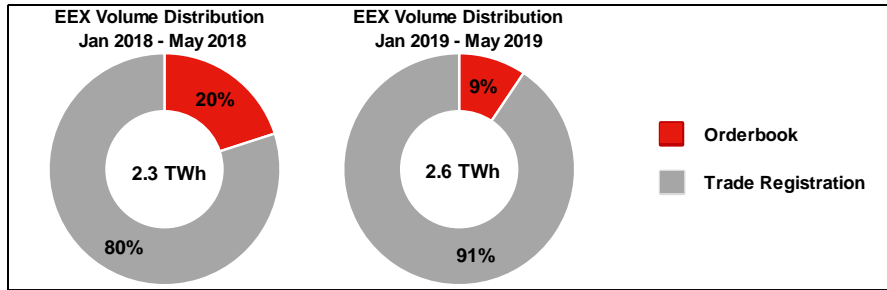
Spanish Power Futures

Strong growth in overall market due to long-term hedging trend



EEX Swiss Power & Phelix-AT Power

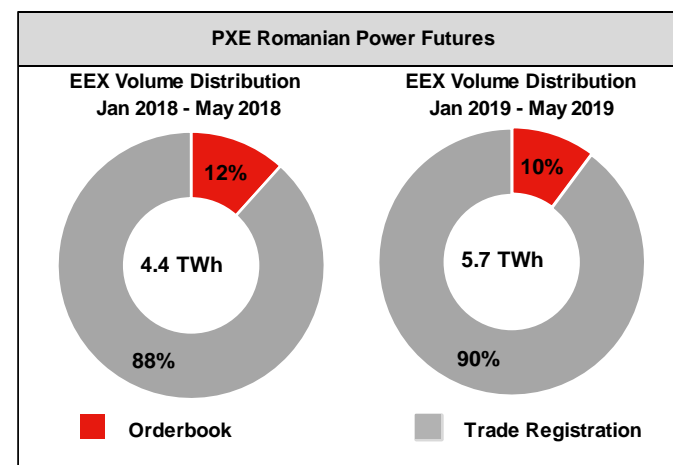
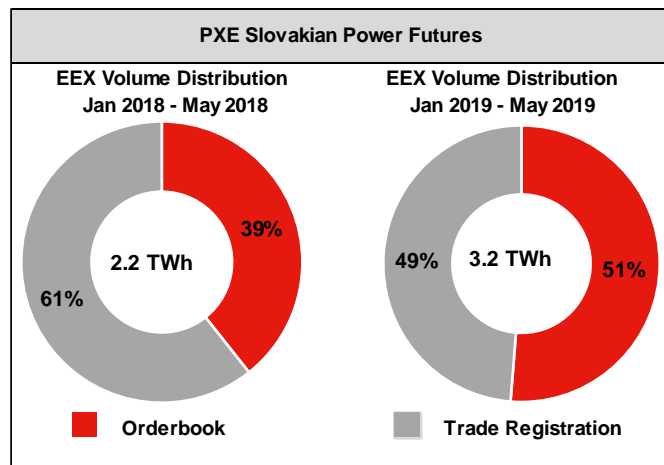
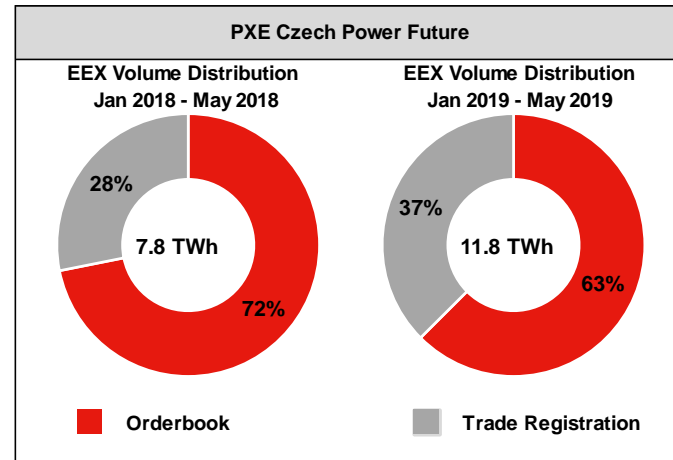
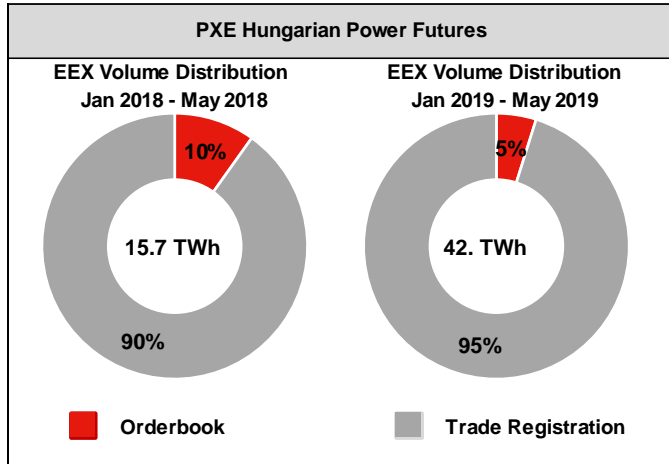
While Swiss uncleared rises, Austria experiences strong take-off



Focus on CSEE markets

EEX PXE Power Futures

Strong trend towards cleared trading in CSEE region



Latest product launches in Q2 2019

Bulgarian, Serbian and Slovenian Power Futures

On 3rd June 2019, we expanded our European portfolio by:

Slovenia		Serbia	Bulgaria
Base	Peak	Base	Base
Year	Year	Year	Year
Quarter	Quarter	Quarter	Quarter
Month	Month	Month	Month
Week	Week	Week	Week

- All existing EEX members have access to the new products
- EEX closely cooperates with broker firms in the CSEE region to develop the business foster liquidity
- Traded volume in first 3 weeks: 367,248 MWh with trades in all markets

May 2019

The first order book trades in Greek power

Outlook

Presentation at
2pm
Viviana Ciancibello

PPA hedging and Cal+10 extension

ongoing

AT Days and Weeks Power Futures

Q4 2019

FR, IT, ES Quarter Power Future Extension

Presentation at
3:30pm
Steffen Riediger

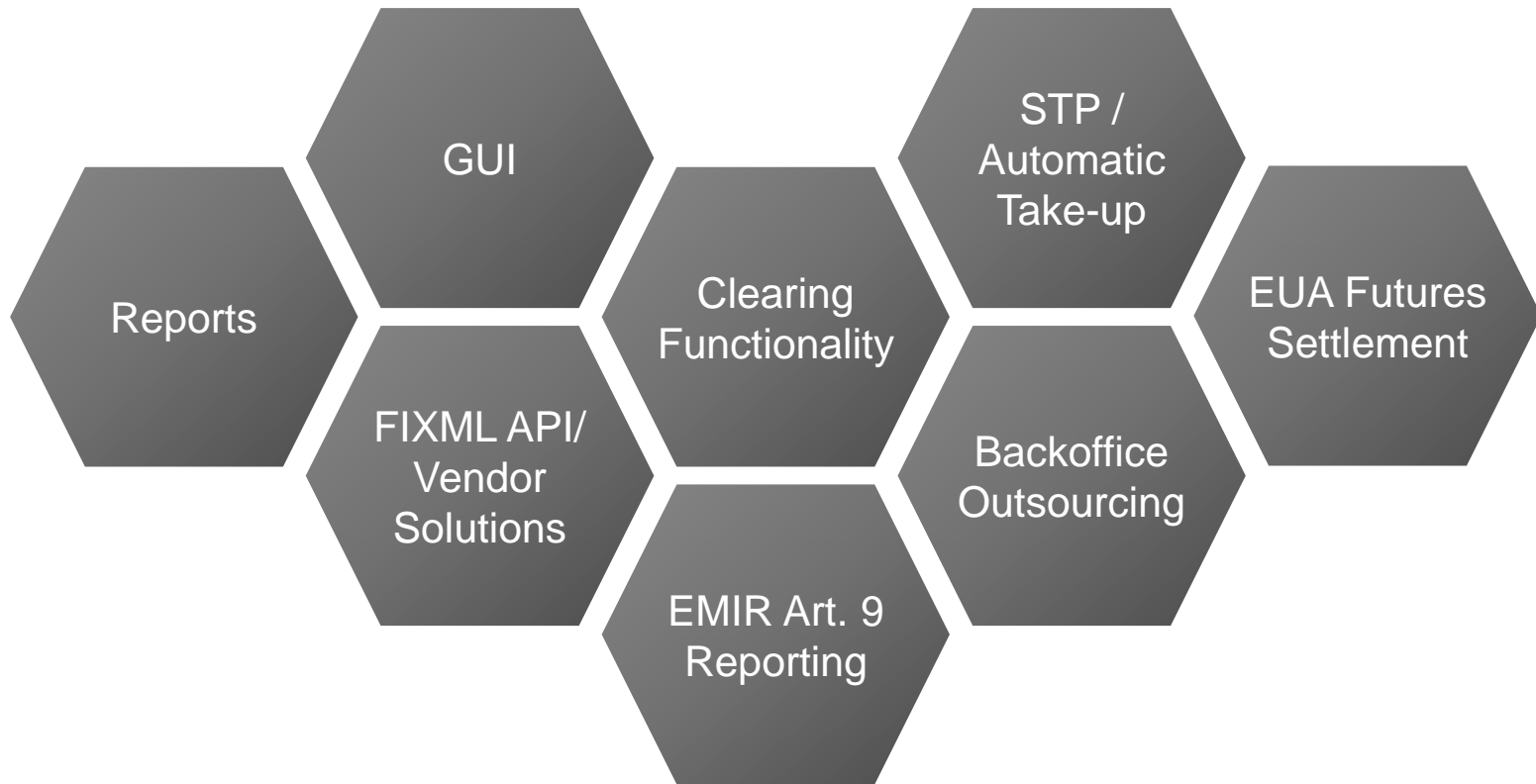
Japan Power Futures

H1 2020

C7 Clearing System

ECC C7 Migration Position & Transaction Management

– Impacted Areas



The logo for eex group, featuring a white chevron symbol followed by the text "eex group" in a white, sans-serif font. The logo is positioned in the upper right quadrant of the slide, set against a dark grey background that is part of a larger grid pattern.The background of the slide is a complex financial chart. It features a dark blue and black color scheme with various data series. There are candlestick charts, line graphs, and numerical data points scattered across the screen. The text "Enjoy the party!" is overlaid on this background in a large, white, sans-serif font. The overall aesthetic is that of a high-tech financial dashboard or trading interface.

Enjoy the party!

Tim Greenwood