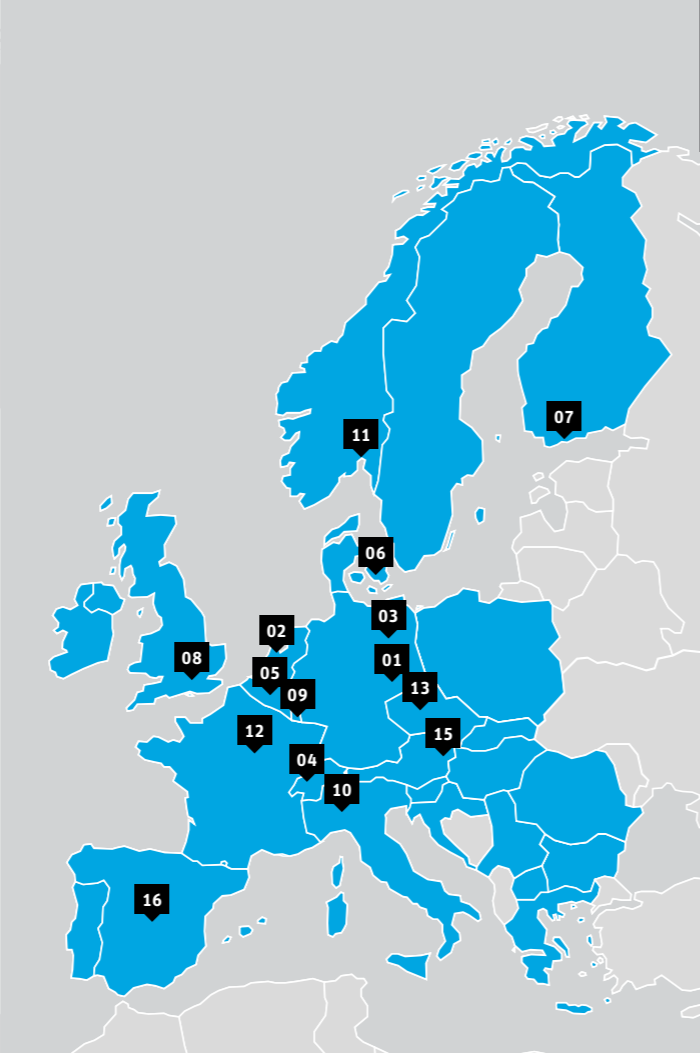


#GoingGlobal

› eex group

Local Expertise in Global Commodity Markets





#AsianAmbition

EEX Group provides local expertise and ensures close customer contact with 17 offices worldwide.

EEX Group Offices

- | | |
|--------------|---------------------|
| 1 Leipzig | 10 Milan |
| 2 Amsterdam | 11 Oslo |
| 3 Berlin | 12 Paris |
| 4 Bern | 13 Prague |
| 5 Brussels | 14 Singapore |
| 6 Copenhagen | 15 Vienna |
| 7 Helsinki | 16 Madrid |
| 8 London | 17 Washington, D.C. |
| 9 Luxembourg | |

#StatesSuccess

#EuropeanExpansion

Global Network

EEX Group connects 670 participants, from 38 countries, across the three major time zones.

A Global Commodity Exchange

As a Global Commodity Exchange, EEX Group's established presence in Europe, Asia and North America, ensures that it is ideally placed to promote and grow liquidity in the commodities sector worldwide with an established network of traders and brokers as well as a technical and regulatory offering which enables market participants across all time zones to access the benefits of the group's trading and clearing services easily and efficiently.



- > Exchange trading and trade registration services on a regulated and transparent market
- > Access to trading in various market areas as well as products and services along the value chain
- > A broad and diversified network of global trading participants
- > Reduction of counterparty risk through clearing and settlement of transactions
- > Market access via various front-ends and major Independent Software Vendor (ISV) solutions
- > Optimal support for customers on-site through 17 locations worldwide



Markets & Products for Trading

More information:
[➤ eex.group](https://www.eex.group) > Trading > Market Overview

EEX Group provides ...

	US Power	Natural Gas	Global Commodities
Power Spot	Power Derivatives	Environmental Markets	Agricultural Markets

Trading Power at EEX Group

EPEX SPOT operates power spot markets with 24/7 market operation services. From Day-Ahead and Intraday trading with physical fulfillment to capacity auctions and local flexibility products – EPEX SPOT is your partner in trading.

Market areas: Austria, Belgium, France, Germany, Great Britain, Luxembourg, the Netherlands and Switzerland. New markets in 2020: Denmark, Finland, Norway, Sweden.



EPEX SPOT boosts innovation and provides a truly pan-European offer.

6,428 TWh

2019 total power trading volume at EEX Group

598 TWh

2019 trading volume in the EPEX SPOT Power Market

Number One

exchange group in power trading worldwide

EEX is the one-stop shop for European power derivatives trading. EEX offers trading and clearing services for 20 market areas across Europe.

EEX offers the full curve of standard maturities (Month, Quarter and Year) as well as short-term maturities (Day, Weekend and Week Futures) for trading and trade registration.

In the US Power Market, Nodal Exchange offers over 1,000 contracts across hundreds of locations, providing the world's largest set of electric power locational (nodal) futures contracts. In 2019, trading volumes at Nodal Exchange increased by 79%.

1,857 TWh

2019 trading volume in US Power Futures

3,973 TWh

2019 trading volume in European Power Futures

EEX offers trading participants access to the most liquid financial power future contract in Europe.



Natural Gas

EEX offers natural gas contracts in 10 countries and 12 hubs across Europe. The product range covers spot, futures and options contracts for the major European gas hubs as well as trading in location spread products between these market areas. EEX also offers a trade registration service for JKM® LNG contracts against the S&P Platts JKM® assessment, today's most reliable price estimation for the Asian region.

In addition, EEX provides services to Transmission System Operators (TSO's) to support their balancing activities. Our services, based on the TSO's requirement, e.g. include auction design, new product definition and tailored index provision.



On 1st January 2020, Powernext activities were integrated into EEX, now bringing the full natural gas product range previously offered on PEGAS to the EEX exchange.

2,546^{TWh}

2019 trading volume in the Natural Gas Market

Environmental Markets

As the leading primary auction platform within the EU ETS, EEX provides the main purchase channel for compliance buyers and financial participants.

In addition, EEX operates a growing spot and derivatives market for EUAs, EUAAs and CERs which ensures fast execution and at-the-market prices for our clients.

Nodal Exchange offers a wide range of Environmental contracts for North America, including emission allowances and renewable energy certificates.

EEX actively supports the development of carbon pricing mechanisms worldwide. For instance in China, EEX is working in cooperation with local partners, with a view to facilitating access to the Chinese carbon market.

We have a strong customer focus and provide individual assistance through all our account managers in Leipzig, London, Paris, Milan, Oslo, Madrid and Chicago.

In cooperation with:



EEX and IncubEx jointly develop and expand global environmental and commodity markets.

Henry Hub natural gas futures and options contracts for the North American market are tradable via Nodal Exchange.



Over

1,800

auctions for EUA and EUAA executed so far

Global Commodities

EEX Group launched its Global Commodities business in 2016 to support and enable its customers to trade and clear a broader portfolio of products from a global perspective via both EEX and its Singaporean arm, EEX Asia.

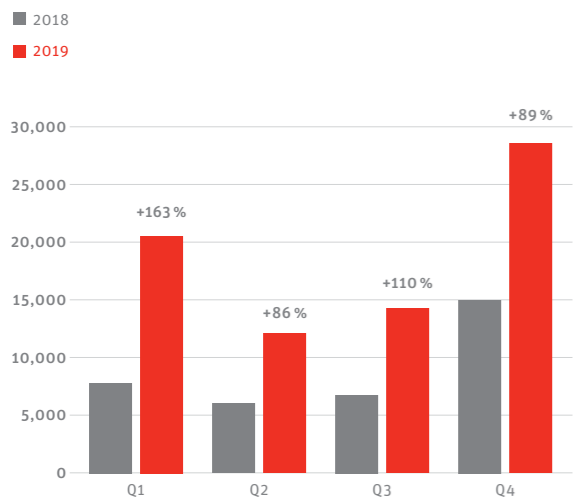
Currently, the Global Commodities portfolio includes contracts for Dry Bulk Freight (FFA), Fuel Oil, Iron Ore and Wood Pellets.



Agricultural Markets represent one of the largest sub-asset classes in exchange commodity trading.

EEX Freight Volume (in lots)

2019 Freight volumes do not include volumes from the EEX/NFX matching session



In 2019, EEX Group and U.S. based Nasdaq Futures, Inc. (NFX) successfully reached an agreement to sell NFX's exchange business to EEX Group which included the transfer of existing open positions in Dry Bulk Freight futures and options contracts. As a result of the migration, in conjunction with sustained organic growth, EEX Group has emerged to become a significant player in freight worldwide.

EEX Group's performance in Dry Bulk Freight has seen significant growth throughout 2019, achieving double and triple digit increases each quarter. Factors that have contributed to this success include a major increase in the member base, improvements in distribution and connectivity, increased position limits and an enhanced product portfolio.

Agricultural Markets

The agricultural offering comprises financially settled derivatives contracts on dairy products (butter, skimmed milk powder, whey powder and liquid milk) and European processing potatoes.

These products are available for order book trading and trade registration.

EEX is the leading derivatives market for potatoes and dairy products in Europe.

The exchange offers hedging of price risks on agricultural products for participants across the whole value chain.



Clearing & Settlement Services

- > Clearing assures the fulfilment of each contract concluded or registered on the exchanges, providing security for the customers.
- > Customers benefit from cross-margining effects across different partner exchanges and commodities, reducing the collateral requirement.

Physical settlement
(delivery)

Financial settlement
(payment)

Risk management
services

Straight-Through
Processing

Reporting
services

Services Overview

More information:
eex-group.com > Services

Clearing &
Settlement
Services

Registry
Services

Reporting
Services

DataSource
Services

Transparency
Services

> ecc

- > Managing risk is an essential function of ECC, a central counterparty (CCP) licensed under strict European financial market regulations for CCPs ('EMIR').
- > ECC holds the status as a Recognised Clearing House (RCH) in Singapore, regulated by the Monetary Authority of Singapore (MAS).
- > ECC has a unique level of expertise in the physical settlement of grid-bound energy (power & natural gas) and energy related products (emission allowances).
- > ECC handles the financial settlement of contracts in various currencies.

> nodalclear

- > The US clearing house of EEX Group serves as a central counterparty (CCP) for all Nodal Exchange transactions.
- > Nodal Clear is a derivatives clearing organization (DCO) regulated by the U.S. Commodity Futures Trading Commission (CFTC).

Registry Services

Under appointment from the French State, EEX¹ has been operating the registry for Guarantees of Origin in France for seven years and has organized the auctioning of Guarantees of Origin produced by the French power plants benefiting from a support mechanism since September 2019. EEX has also been appointed as the registry operator for energy savings certificates by the French Ministry and operates the registry for Capacity Certificates for RTE, the French Power TSO.

Grexel Systems is the leading provider for energy certificate registries in Europe. Grexel provides registry services for Power Guarantees of Origin in 10 countries in Europe and for Biomethane Guarantees of Origin in 4 countries. Furthermore, Grexel operates the Pan-European Hydrogen certificate registry (Hydrogen) and registries for CO₂ (Puro – incl. auctions, GECCO). Quarterly Power Guarantees of Origin Auctions are carried out for Luxembourg.

¹ Powernext was integrated into EEX on 1st January 2020



Our services are easy to use and available 24/7.

EEX Group Webshop
A single place to buy market data products and e-learning training courses.
webshop.eex-group.com

DataSource Services

EEX Group DataSource is the high-speed connection to our market data and to transparency data for the energy market.

Our Services

- > Market data for Power, Natural Gas, Environmental and Agricultural Markets as well as Global Commodities
- > EEX transparency data cover the markets for Power, Natural Gas, Environmental Products and Renewables.
- > State-of-the-art API, Desktop App, Excel Tools and sFTP.
- > Various connectivity alternatives are available providing real-time, delayed and end-of-day data.
- > Customised solutions for individual EEX Group market data views

Reporting Services

EEX Group actively supports participants in fulfilling reporting obligations.

Transparency Services

The EEX Transparency Platform is the central inside information platform which fulfills disclosure obligations as required by REMIT, MAR and the EU Transparency Regulation across various commodities in Europe.

More information:
eex-transparency.com

MiFID II / MiFIR

MiFID II Directive No. 2014/65/EU
MiFIR Regulation (EU) No. 600/2014

REMIT

Regulation (EU)
No. 1227/2011 &
1348/2014

EMIR

Regulation (EU)
No. 648/2012

REMIT

market participants with inside information concerning business or facilities for power and natural gas

Transparency Regulation

market participants active in power markets

MAR

market participants active in emissions markets

Admission & Technical Connection

How to start trading?

In order to trade on the EEX Group markets, companies must complete the admission process of the respective exchange. In addition to membership at the exchange, admission to clearing at ECC is also required. ECC takes care of the proper fulfillment of all transactions and, as a central counterparty, positions itself between the seller and the buyer and thus assumes the counterparty risk.

Why trading at EEX?

Companies which are admitted to trading in energy and related products on EEX are granted access to liquid spot and derivatives markets as well as a broad network of trading participants.

- > A one-stop shop clearing solution for a wide range of products, such as power, gas, emissions as well as freight and agricultural products
- > State-of-the-art trading technologies
- > Access to the most liquid financial power future referring to the European reference price index – Phelix
- > Cross-margining benefits across different commodities and exchanges reducing the collateral requirement



Admission to Trading and Clearing

- ✓ Admission by the respective exchange
- ✓ Recognition by the clearing house
- ✓ Technical connection

EEX Group provides multiple connectivity options to access its markets.

Depending on the individual requirements, customers can select the right solution from various front-end alternatives.

Access is designed for simplicity and allows for compatibility with Trayport®, ISVs (third-party systems) and in-house solutions.

Connection is possible via VPN, internet or leased line according to individual requirements.

Available trading front-ends:

- > Eurex T7 GUI
- > EEX TT Screen
- > M7 Auction System
- > Trayport® Joule Front End
- > EPEX SPOT Trader Client
- > Gas Direct Screen
- > Nodal LiveTrade
- > Nodal T7 Trading Platform (powered by CQG)
- > ISV (third-party front-ends)

Available clearing front-ends:

- > Eurex C7 Clearing GUI
- > ECC Member Area

Training

EEX Group exchanges offer training courses specifically designed for the admission for trading – on-site and by e-learning.

Multiple front-end solutions

Interfaces

ISV front-ends

EEX Group operates exchange markets and supports anonymous and fully electronic trading, providing first level support to trading participants.



Get all information here
➤ [eex-group.com](https://www.eex-group.com)

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EEX Group provides market platforms for energy and commodity products across the globe. The group's offering comprises contracts for Energy, Environmentals, Freight, Metals and Agricultural.

With high specialisation and local presence in their core markets, the companies of EEX Group answer the needs of their customers, providing tailor-made solutions and easy market access. The synergetic, integrated group portfolio is completed by two clearing houses which ensure proper clearing and settlement of trading transactions.

➤ eex-group.com

EEX Group is part of Deutsche Börse Group.



EEX Group provides market platforms and clearing houses for energy and commodity products across the globe.

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➤ nodal

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➤ nodalclear

➤ grexel

➤ pxe