



The European CO₂ Market: Insights and Outlooks

What changes can we expect in the CO₂ market?

Introduction

Alongside the expansion of renewable energies, CO₂ certificate trading is a central climate protection instrument of the EU. In 2021, the fourth trading phase began. With the Fit for 55 package, the EU commission decided to implement further changes and a tightening of the emissions caps. Political decisions from Brussels, but also at national level, have a great influence on CO₂ certificate prices – and thus, on current and prospective power prices. In the future, emissions from the building and transport sectors will also be recorded and traded in a new EU ETS. In this training, you will get to know CO₂ certificate trading better and learn more about interactions and potential price developments.

Target group

- Experts and managers from power plant operators, utilities, electricity-intensive industry
- Professionals and managers from the shipping, transport and buildings sectors with responsibility for emissions trading
- Professionals and managers from the financial industry

Your benefit

- After this training, you will be able to:
- explain the European emissions trading system,
 - explain the interrelationships between policy, commodity markets and the power market, and
 - assess the potentials and future price developments on the CO₂ markets.



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Your content

Session 1: Basics of the EU ETS

- Climate targets of the European Union
- Basic terms: ETS, ETS 2, Non-ETS, etc.
- Market segments: primary market, secondary market, futures market in Europe

Session 2: The current trading period 2021 to 2030

- Key terms and mechanisms: market stability reserve and linear reduction factor
- Emission allowances (EUA, EUAA) and their distribution
- Market participants, authorities involved, use of revenues
- Price development and price drivers in the EU ETS: previously and today

Session 3: Emission reductions in former Non-ETS sector – the ETS 2

- Target groups and sectoral goals at national level
- The EU ETS 2 for road transport and buildings
- National emissions trading in Germany

Session 4: Interactions between national and EU measures

- (Early) coal phase-out in Germany
- Effects on and correlations with other commodities (gas, coal, CO₂)
- Consequences for the power market
- Assumptions on CO₂ price development in the EU Energy Outlook

Session 5: Initiatives from the EU's Fit for 55 package

- CBAM, CCfD, Climate Action Regulation, LULUCF Regulation
- Integration of the shipping sector into the EU ETS: requirements, timetable, compliance

Session 6: Future and international developments

- What does the entry of financial investors into the market mean?
- Hedging RE plants with CO₂ certificates
- Looking beyond the horizon: certificate trading outside Europe

Exemplary use case

Your company belongs to the sectors that will be included in European emissions trading in the next few years: Shipping, transport, buildings. You have to form a team that is familiar with this matter, as emissions trading has not played any role in your previous business operations yet.

Your management wants to know which rules apply in the CO₂ market and which obligations have to be fulfilled. In order to better assess and analyse price developments, they want to understand the market mechanisms and the correlations with other commodities.



Training for the energy sector

We quantify the energy transition

Training formats

Energy BrainSessions

- live online trainings
- suitable for beginners to experts
- 2 to 3 mornings depending on the course

In-house training

- comprehensive basic and advanced seminars for the energy sector
- customised according to your needs
- online or in-person

Simulation games

- realistic trading simulations for electricity trading on spot or futures markets
- online or board game version

Training formats legend

- Knowledge level: basic knowledge, special knowledge or expert knowledge
- Format: lecture or workshop
- online or in-person

Basic knowledge	workshop	online		In-person	
Basic knowledge	lecture	online		In-person	
Special knowledge	workshop	online		In-person	
Special knowledge	lecture	online		In-person	
Expert knowledge	workshop	online		In-person	
Expert knowledge	lecture	online		In-person	

About us

As independent energy market experts, we focus on the databased, practice-oriented transfer of knowledge on power and energy trading in Europe. From analysis, forecasting and modelling of energy markets and prices, as well as studies and individual consulting services, to training courses, we are here to support you.

How can we support you? Feel free to contact us.

Contact

Energy Brainpool GmbH & Co. KG
 Brandenburgische Str. 86/87
 10713 Berlin
 Germany

Phone
 +49 (0)30-76 76 54-10

E-mail
 kontakt@energybrainpool.com

Website
 www.energybrainpool.com/en

Blog
 blog.energybrainpool.com/en

LinkedIn
 www.linkedin.com/company/
 energy-brainpool-gmbh-&-co.-kg



www.energybrainpool.com/en
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