

Nordic Battle of Treasury

Commodity Risk Management focused on CO2 emissions

12th of June 2024



Agenda

Time	Activity
15:00 – 15:05	Introduction - Why a corporate need to focus on CO2?
15:05 – 15:15	How to measure CO2 emissions? What are the options and lessons learned?
15:15 – 15:20	What is the market depth and volatility of CO2 (EUA) compared to other asset classes?
15:20 – 15:30	GRM - CO2 emissions for corporate risk managers
15:30 – 15:40	Previsio - CO2 software solutions and considerations
15:40 – 15:55	Questions & Answers
15:55 – 16:00	Closing

- Questions can be asked via the chat bar - anonymized
- Presentations will be shared following the end of the webinar on our website

Nordic Battle of Treasury concept

- ✓ Different topics related to Finance & Treasury at each session
- ✓ Insights to some of the latest Treasury opportunities
- ✓ Real life business challenges
- ✓ Interactive sessions with us, the audience and solution vendors



Why a corporate need to focus on CO2?

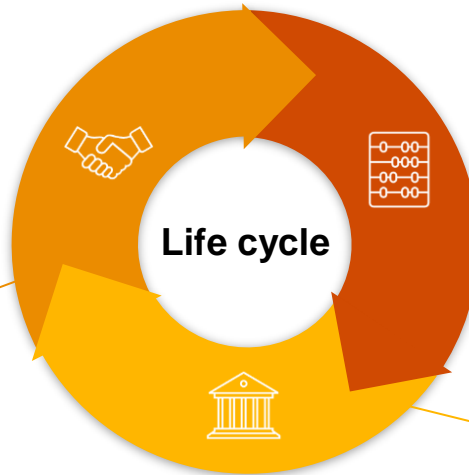


CO2 focus is a corporate need, which includes the measuring of CO2 emissions, volatility in the CO2 market, how to trade and hedge it as a risk manager and software solutions.

Commodity trader

Emissions trading
Market access
Buy&sell allowances

Ensure alignment with the treasury/
procurement strategy by entering the market



Life cycle

Sustainability responsible

GHG Data collection
Calculating emissions
Inventory quality
Reporting emissions
Tracking emissions over time

The strategic decision varies depending on
the company's circumstances and priorities

EU Emissions Trading System (ETS) sets a
cap on the total amount of emitted GHG

The governments set the cap across the
different industries

Treasury/Procurement

Exposure management
Hedge decision
Risk assessment
Allocation and distribution



Introduction to GHG accounting

Why are companies measuring and reporting on their greenhouse gases (GHG)?

Regulatory requirements - CSRD

Target setting and decarbonisation

Access to finance

Participation in carbon markets

Reputation and brand

Identify efficiency and cost savings

Understanding exposure risks and opportunities related to GHG emissions



Expressed in CO2 equivalents



Corporate GHG inventories are calculated using CO2 equivalents

What are CO2 equivalents (CO2e)?

There are seven greenhouse gases included in a corporate inventory, all with different contribution level to global warming.

To be able to compare the potency of the gases, a measure of how much the emission of 1 ton of gas will contribute relatively to 1 ton of CO2.



Greenhouse Gas	Global Warming Potential (GWP) - 100 years*	What is it?
Carbon dioxide (CO2)	1	Carbon dioxide e.g. emission from burning of fossil fuels such as coal, oil, natural gas
Methane (CH4)	28	Methane, e.g. from agriculture
Nitrous oxide (N2O)	265	Commonly known as laughing gas, e.g. from agriculture
Hydrofluorocarbons (HFCs)	124 - 12,400	HFCs, e.g. from industrial chemicals primarily used for cooling and refrigeration
Perfluorocarbons (PFCs)	7,390 - 11,100	PFCs, e.g. PFOS - impregnation
Sulfur hexafluoride (SF6)	23,500	SF6, e.g. gas used in electrical switching systems and devices
Nitrogen trifluoride (NF3)	16,100	NF3 e.g. colorless, non-flammable toxic gas used in flat-panel displays, photovoltaics, LEDs

*Although the IPCC has prepared a newer version, the methods have not yet been officially accepted for use under the UNFCCC.

The Greenhouse Gas (GHG) Protocol is the de facto standard for measuring corporate GHG emissions

GHG Protocol arose when World Resource Institute (WRI) and World Business Council for Sustainable Development (WBCSD) recognised the need for an international standard for corporate GHG accounting and reporting in the late 1990s.

The standards and guidance were made with the following objectives in mind:

- Help companies prepare a GHG inventory that represents a true and fair account of their emissions, through the use of standardized approaches and principles
- Simplify and reduce the costs of compiling a GHG inventory
- Provide business with information that can be used to build an effective strategy to manage and reduce GHG emissions
- Provide information that facilitates participation in voluntary and mandatory GHG programs
- Increase consistency and transparency in GHG accounting and reporting among various companies and GHG programs.

The GHG protocol splits between direct emissions and indirect GHG emissions, which is classified based on the consolidation approach selected for setting organisational boundaries. It is mandatory to report on both direct and indirect emissions.



The three scopes in the GHG Protocol

Scope definitions:

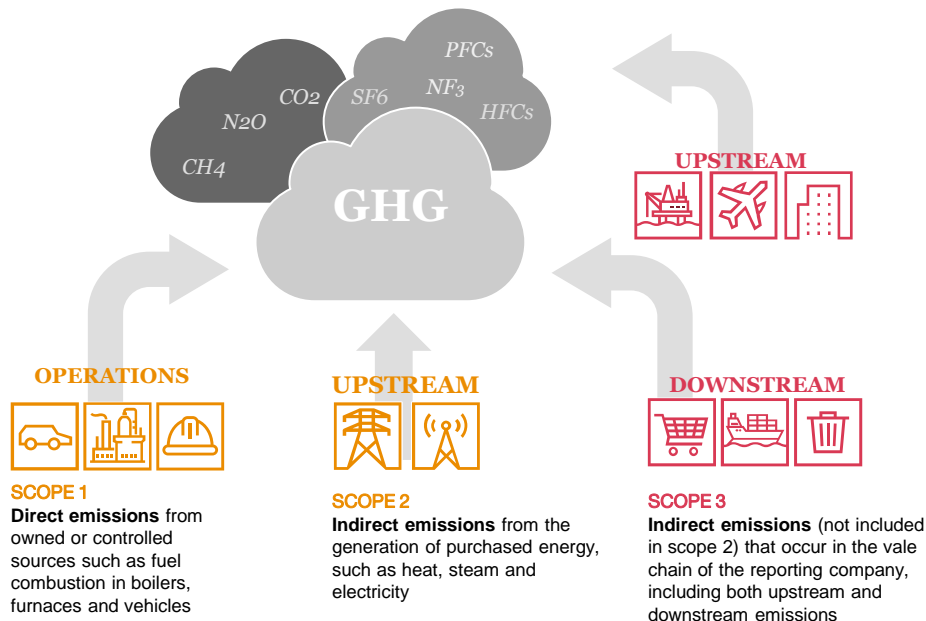
Direct GHG emissions are emissions from sources that are owned or controlled by the company, which is referred to as scope 1

Indirect GHG emissions are emissions that are a consequence of the activities of the company but occur at sources owned or controlled by another company. Indirect GHG emissions can be split into two scopes - scope 2 and scope 3.

Scope 2 emissions include emissions from the production of the energy purchased by the company, that physically occur where the energy is generated.

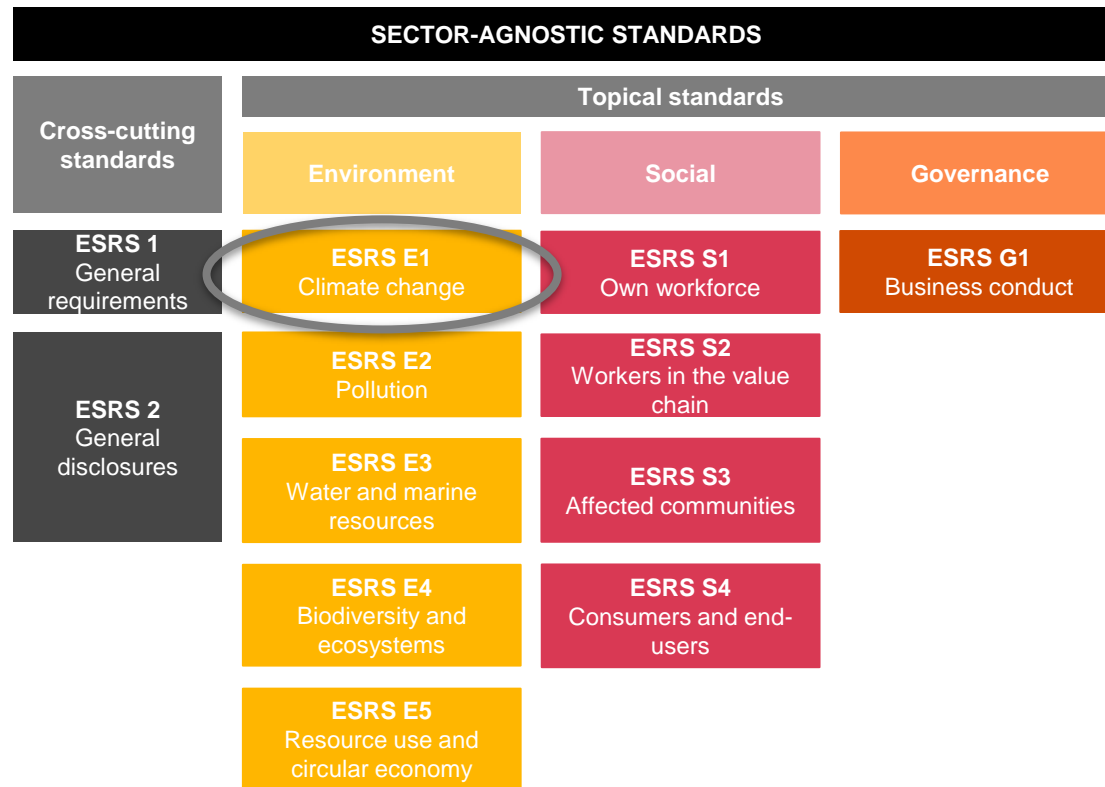
Scope 3 includes all other indirect emissions that occur in the company's value chain as a consequence of the company's activities.

Scope 3 emissions normally represent the largest source of GHG emissions for companies.



Source: [The GHG Protocol Corporate Standard](#), [The GHG Protocol Scope 3 Standard](#)

GHG accounting will be mandatory for companies in scope for CSRD



Large listed companies	FY 2024
Other large companies	FY 2025
SMEs of public interest (except micro companies)	FY 2026





Find more guidance by downloading the **CSRD Guidebook** for preparers of the sustainability statement on our website

Reporting on GHG emissions and tracking performance in CSRD

Climate change mitigation



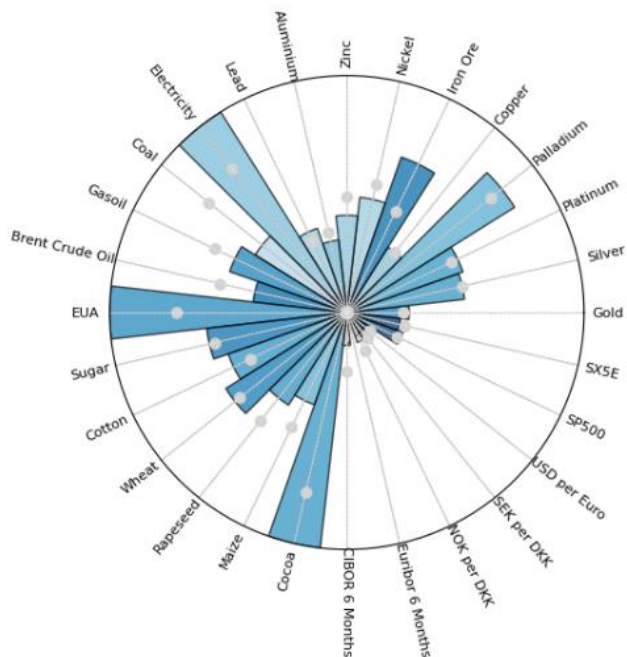
Relates to the undertaking's endeavours to limit global warming to 1.5 °C (Paris Agreement)

Description	Reference
 Gross GHG emissions in scope 1, 2 and 3 in CO2 equivalents	ESRS E1-6
 Share of scope 1 GHG emissions from installations subject to regulated emission trading schemes	ESRS E1-6
 Reporting on mitigative actions, including achieved and expected GHG emissions reductions	ESRS E1-3
 Amount of credits purchased in voluntary markets separate from total gross GHG emissions	ESRS E1-7

Description is non-exhaustive, please refer to ESRS E1 on more detail on how to prepare information for the disclosure

Market depth and volatility of CO₂ (EUA)

May 2024



The length of each bar around the radar chart represents the **volatility** of a commodity, with longer bars indicating higher volatility over the preceding 3 months compared to the previous 12 months.

● Previous 12 month volatility

The color of each bar signifies the **depth** of the commodity. Darker shades of the color represent more depth, which is measured by the number of open interests, that is the amount of outstanding derivative contracts on the asset.

▨ No liquidity data

Source: Bloomberg, PwC calculations



EU Allowances (EUA)

... on **carbon credits** is the **3rd most volatile price** among the 32 different assets the previous 3 months*. The white dot indicates intensified price fluctuations in the short term.



Market depth

... measured by the average number of open interests over the last 3 months, shows that **EUA has one of the deepest market depths** across the different asset classes.



Voluntary carbon credits

... enable the **offsetting of CO₂ emissions** through investments in GHG reduction projects.



Guaranteed avoidance

... relies on **firm commitments** to implement measures that prevent specific GHG emissions.

* Electricity and Cocoa demonstrates higher volatility, they have been capped at the 3rd highest level (matching EUA) in the radar plot for illustrative purposes.

GRM



G R M

This marketing document, subject to modifications, is given for purely informative purposes and does not constitute a contract. This document is confidential, intended exclusively to the person to whom it is given, and may not be communicated to any third party, nor distributed to a person or in a jurisdiction where such distribution would be restricted or illegal and may not be copied in whole or in part, without the prior written consent of A/S Global Risk Management Ltd. Fondsmæglerselskab ("G.R.M."). The contents of this document are not intended to provide investment advice nor any other investment service, and the document does not constitute and under no circumstances should it be considered in whole or in part as an offer, a solicitation, advice, a personal recommendation to purchase or subscribe for an investment service and/or product, nor an invitation to invest in the class of assets mentioned herein. No investment decision or instruction should be based solely on this document. The information indicated in this document shall not be considered as legal or tax or accounting advice. Furthermore, accessing some of these products, services and solutions might be subject to conditions. Some of the products and services mentioned in this presentation are reserved only for a certain category of investors, and/or adapted to investors who are sophisticated and familiar with these types of investment products and/or investment services and/or class of assets. The reader of this document is responsible for observing all applicable laws and regulations of the relevant jurisdictions. Any simulations and examples included in this document are provided only for indicative and illustration purposes. The present information may change depending on the market fluctuations and the information and views reflected in this document may change. G.R.M. does not take on any responsibility to update or make any revisions to this document and G.R.M. does not offer any guarantee, express or implied, as to the accuracy or exhaustivity of the information. The historical data and information, including any quoted expression of opinion, have been obtained from, or are based upon, external sources that our company believes to be reliable but have not been independently verified and are not guaranteed as to their accuracy or completeness. Our company shall not be liable for the accuracy, relevance or exhaustiveness of this information. Past performance is not a guide to future performance and may not be repeated. Investment value is not guaranteed, and the value of investments may fluctuate. Estimates of future performance are based on assumptions that may not be realised and should not be deemed an assurance or guarantee as to the expected results of investment in such asset class(es). To the extent communicated in the United Kingdom, this promotion is directed only at (1) high net worth companies and other businesses of the type set out in Article 49 of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (F.P.O.) and (2) investment professionals of the type set out in Article 19 of the F.P.O., and the services described in this promotion are available only to such persons. This promotion is not directed at any other U.K. persons, and must not be acted upon by any other U.K. person. This promotion is not intended for or directed at any person or legal entity within the U.S., nor any of its territories.

GRM OVERVIEW | KEY FACTS



Energy risk management company headquartered in Middelfart, Denmark and offices in Copenhagen, Aarhus, Singapore



Global Risk Management Investment Firm is licensed with the Danish FSA



GRM provides hedging solutions so clients can hedge their energy price risks confidently

GRM COMMODITY | ENERGY PRODUCTS

Through our deep derivatives expertise and full participation in **global energy markets**, GRM provides consumers, distributors, and producers the knowledge and ability to identify and efficiently manage all **energy price risks** inherent within their operations.

ENERGY PRODUCTS



Brent oil



Fuel oil



Middle distillates



Light ends



Power



Biofuels



FFA



Coal



Liquefied
Petroleum gas



Liquefied Natural
gas



Emissions
allowances



Natural gas



GRM METHOD | HEDGING

THE ACT OF TAKING A POSITION
IN THE MARKET
IN ORDER TO **ELIMINATE** OR
REDUCE PRICE FLUCTUATIONS



CLOSING

the gap between
market risks and
company operation



LOCKING

in a cost structure to
suit your economic
planning



INSURANCE

against adverse price
risks



PRO-ACTIVE

strategy for budgeting
purposes

MARKET ACCESS | AUCTIONS AND SECONDARY MARKETS

Main supply of EU Allowances are through the auction and free allowances

EEX AUCTIONS

- The European Energy Exchange (EEX) is the common auction platform
- In 2023 around 600 mio EUA's are expected to be auctioned at more than 200 auctions
- Participation in auctions requires membership or bidding through a registered intermediary

Secondary markets

- EU Allowances SPOT
- Derivatives i.e., Forwards or options

Should I be worried of the EUA price development?

Direct effect on energy cost

Example	Oil price per ton	2024	2025	2026
PHASE IN		40%	70%	100%
OIL PRICE	520	617	690	763
EUA in USD	76			

One ton Bunker = 3,2 EUAs

$USD520 + (3,2 * USD 76) = \text{New price (Fully Phased in \& intra EU/EEA)}$

Example on EUA price add on if price of oil and EUA is the same over the years

Previs Systems



prewise systems

The New Energy
Trading Paradigm

Who are Prewise Systems?

About Us

- Founded in 2019 by veterans of the energy (software) industry
- Combined team industry experience of 250+ years
- Based in Zug, Switzerland

Our Vision



Simpler – Faster – Better Energy Trading Software
→ more value for less €!



Community approach (collaboration & cost sharing)




Modern technology & tools (microservices, serverless, open APIs)





Reduced Vendor Dependence, e.g. on R&D

Short Product Demonstration

CO2 Trade and Position Management


Dashboard Power BI
Power BI Dashboard

✓
?
999
Trading Company 2



Power BI Report

Real time position Refresh Visual

Save Report As PDF

- ★ Favorites
- Trade entry
- Quantity
- Dashboard Power BI
- Dashboards
- Master data
- Market Model
- Counterparties
- Regulatory Reporting
- Trades
- Quantity
- Fees
- Prices
- Reporting
- Ecosystem
- Ecosystem admin
- Settlement
- Trade configuration
- System admin
- Support

Real time date
03/06/2024 00:00:00

Book
All

Portfolio
All

Trader
All

Hedged Emission Forecast by Portfolio

Product	2025	2026	2027	2028	2029	Total
EUA	0.00	-7,000.00	-27,000.00	-32,000.00	-32,000.00	-98,000.00
Carbon Emission Forecast	-37,000.00	-37,000.00	-37,000.00	-37,000.00	-37,000.00	-185,000.00
Industrial Site A	-8,000.00	-8,000.00	-7,000.00	-7,000.00	-7,000.00	-37,000.00
Industrial Site B	-4,000.00	-3,000.00	-3,000.00	-3,000.00	-3,000.00	-16,000.00
Industrial Site C	-9,000.00	-9,000.00	-9,000.00	-9,000.00	-9,000.00	-45,000.00
Industrial Site D	-16,000.00	-17,000.00	-18,000.00	-18,000.00	-18,000.00	-87,000.00
Hedge	37,000.00	30,000.00	10,000.00	5,000.00	5,000.00	87,000.00
Emissions Trading	37,000.00	30,000.00	10,000.00	5,000.00	5,000.00	87,000.00
Total	0.00	-7,000.00	-27,000.00	-32,000.00	-32,000.00	-98,000.00

Hedge Percentage

Product	Position	Emission Forecast	Hedge Position	Hedge Perc
EUA	-98,000.00	185,000.00	87,000.00	47.03%
2025	0.00	37,000.00	37,000.00	100.00%
2026	-7,000.00	37,000.00	30,000.00	81.08%
2027	-27,000.00	37,000.00	10,000.00	27.03%
2028	-32,000.00	37,000.00	5,000.00	13.51%
2029	-32,000.00	37,000.00	5,000.00	13.51%
Total	-98,000.00	185,000.00	87,000.00	47.03%

Hedged Emission Forecast

Emission vol ● Hedge vol

Industrial Site Emission Forecast (tonne)

portfolio_name ● Industrial Site A ● Industrial Site B ● Industrial Site C ● Industrial Site D

Gas Position
Power Position
Emission Position

Demonstration Preview

Screen 1: Tracking aggregated customer forecasted emissions against traded position in Previs Coral

Dashboard Power BI
Power BI Dashboard

Trading Company 2

Power BI Report

Real time position Refresh Visual Save Report As PDF

Real time date

03/06/2024 00:00:00

Book

All

Portfolio

All

Trader

All

Hedged Emission Forecast by Portfolio

Product	2025	2026	2027	2028	2029	Total
EUA	0.00	-7,000.00	-27,000.00	-32,000.00	-32,000.00	-88,000.00
Carbon Emission Forecast	-37,000.00	-37,000.00	-37,000.00	-37,000.00	-37,000.00	-185,000.00
Industrial Site A	-8,000.00	-8,000.00	-7,000.00	-7,000.00	-7,000.00	-37,000.00
Industrial Site B	-4,000.00	-3,000.00	-3,000.00	-3,000.00	-3,000.00	-16,000.00
Industrial Site C	-9,000.00	-9,000.00	-9,000.00	-9,000.00	-9,000.00	-45,000.00
Industrial Site D	-16,000.00	-17,000.00	-18,000.00	-18,000.00	-18,000.00	-87,000.00
Hedge	37,000.00	30,000.00	10,000.00	5,000.00	5,000.00	87,000.00
Emissions Trading	37,000.00	30,000.00	10,000.00	5,000.00	5,000.00	87,000.00
Total	0.00	-7,000.00	-27,000.00	-32,000.00	-32,000.00	-88,000.00

Hedge Percentage

Product	Position	Emission Forecast	Hedge Position	Hedge Perc
EUA	-88,000.00	185,000.00	87,000.00	47.03%
2025	0.00	37,000.00	37,000.00	100.00%
2026	-7,000.00	37,000.00	30,000.00	81.08%
2027	-27,000.00	37,000.00	10,000.00	27.03%
2028	-32,000.00	37,000.00	5,000.00	13.51%
2029	-32,000.00	37,000.00	5,000.00	13.51%
Total	-88,000.00	185,000.00	87,000.00	47.03%

Hedged Emission Forecast

Industrial Site Emission Forecast (tonne)

Gas Position | Power Position | **Emission Position**

Demonstration Preview

Screen 2: Receiving updated emission forecast for 2025 for Industrial site D by 5000 tonnes in Previs Coral

The screenshot displays the Previs Coral interface for managing quantity index shapes. A green notification banner at the top states: "Successfully updated record(s) for Quantity index shape! OK".

Quantity index configuration table:

Selected for trading	Quantity index	Commodity	Time zone	Unit	Quantity time unit	Period offset	Block	Description	Linked quantity index
<input checked="" type="checkbox"/>	Forecasted CO2 Emissions Industrial Sites	ERC	CET	t	Year	00:00:00		Forecasted CO2 Emissions Industrial Sites	
<input type="checkbox"/>	Industrial Site A Emission Forecast	ERC	CET	t	Year	00:00:00		Industrial Site A Emission Forecast	
<input type="checkbox"/>	Industrial Site B Emission Forecast	ERC	CET	t	Year	00:00:00		Industrial Site B Emission Forecast	
<input type="checkbox"/>	Industrial Site C Emission Forecast	ERC	CET	t	Year	00:00:00		Industrial Site C Emission Forecast	
<input checked="" type="checkbox"/>	Industrial Site D Emission Forecast	ERC	CET	t	Year	00:00:00		Industrial Site D Emission Forecast	

Quantity index shape configuration table:

Quantity status	Delivery start	Delivery end	Quantity	
<input type="checkbox"/>	Forecast	2025-01-01	2026-01-01	21 000,00
<input type="checkbox"/>	Forecast	2026-01-01	2027-01-01	17 000,00
<input type="checkbox"/>	Forecast	2027-01-01	2028-01-01	18 000,00
<input type="checkbox"/>	Forecast	2028-01-01	2029-01-01	18 000,00

Chart Data:

The chart displays the quantity forecast over time. The Y-axis represents Quantity (ranging from 17000 to 21000) and the X-axis represents Time (ranging from 2025-01-01 to 2028-01-01). The forecast shows a sharp decline from 21,000 in 2025 to 17,000 in 2026, followed by a slight increase to 18,000 in 2027 and 2028.

Year	Quantity
2025-01-01	21 000,00
2026-01-01	17 000,00
2027-01-01	18 000,00
2028-01-01	18 000,00

Demonstration Preview

Screen 2: Total quantity to be hedged increases by 5000 tonnes

Quantity
Quantity index configuration and quantity index shapes

Selected for trading **Quantity index** Commodity Time zone Unit Quantity time unit Period offset Block Description Linked quantity index

Selected for trading	Quantity index	Commodity	Time zone	Unit	Quantity time unit	Period offset	Block	Description	Linked quantity index
<input checked="" type="checkbox"/>	Forecasted CO2 Emissions Industrial Sites	ERC	CET	t	Year	00:00:00		Forecasted CO2 Emissions Industrial Sites	
<input type="checkbox"/>	Industrial Site A Emission Forecast	ERC	CET	t	Year	00:00:00		Industrial Site A Emission Forecast	
<input type="checkbox"/>	Industrial Site B Emission Forecast	ERC	CET	t	Year	00:00:00		Industrial Site B Emission Forecast	
<input type="checkbox"/>	Industrial Site C Emission Forecast	ERC	CET	t	Year	00:00:00		Industrial Site C Emission Forecast	
<input type="checkbox"/>	Industrial Site D Emission Forecast	ERC	CET	t	Year	00:00:00		Industrial Site D Emission Forecast	

Show 10 entries Showing 1 to 5 of 5 entries

Formula Index Edit

ADD(Industrial Site A Emission Forecast, Industrial Site B Emission Forecast, Industrial Site C Emission Forecast, Industrial Site D Emission Forecast)

Delivery time window

Time Period: [Dropdown] [Refresh]

Start: 2025-01-01 [X] End: 2031-01-01 [X] Search

Parameters

Date only: Decimal: 2 [X] Aggregation type: [Dropdown]

Link curve: Unit: [Dropdown] Value handling: [Dropdown]

Best available: Time unit: [Dropdown] Factor: [Dropdown]

Source shape: Quantity status: [Dropdown] Gaps: [Dropdown]

Quantity index calculated shape Quantity status Delivery start Delivery end Quantity

Quantity status	Delivery start	Delivery end	Quantity
Forecast	2025-01-01	2026-01-01	42 000,00
Forecast	2026-01-01	2027-01-01	37 000,00

CHART Time Zone: CET (UTC +2)

42000
41500
41000

Demonstration Preview

Screen 3: Hedge percentage has increased and open position for 2025 CO2 position is no longer flat on real time report

Dashboard Power BI
Power BI Dashboard

✓
?
999+
Trading Company 2

Real time position
Refresh Visual
Save Report As PDF

Real time date

03/06/2024 00:00:00

Book

All

Portfolio

All

Trader

All

Hedged Emission Forecast by Portfolio

Product	2025	2026	2027	2028	2029	Total
EUA	-5,000.00	-7,000.00	-27,000.00	-32,000.00	-32,000.00	-103,000.00
Carbon Emission Forecast	-2,000.00	-37,000.00	-37,000.00	-37,000.00	-37,000.00	-190,000.00
Industrial Site A	-8,000.00	-8,000.00	-7,000.00	-7,000.00	-7,000.00	-37,000.00
Industrial Site B	-4,000.00	-3,000.00	-3,000.00	-3,000.00	-3,000.00	-16,000.00
Industrial Site C	-9,000.00	-9,000.00	-9,000.00	-9,000.00	-9,000.00	-45,000.00
Industrial Site D	-21,000.00	-17,000.00	-18,000.00	-18,000.00	-18,000.00	-92,000.00
Hedge	37,000.00	30,000.00	10,000.00	5,000.00	5,000.00	87,000.00
Emissions Trading	37,000.00	30,000.00	10,000.00	5,000.00	5,000.00	87,000.00
Total	-5,000.00	-7,000.00	-27,000.00	-32,000.00	-32,000.00	-103,000.00

Hedge Percentage

Product	Position	Emission Forecast	Hedge Position	Hedge Perc
EUA	-103,000.00	190,000.00	87,000.00	45.79%
2025	-5,000.00	42,000.00	37,000.00	88.10%
2026	-7,000.00	37,000.00	30,000.00	81.08%
2027	-27,000.00	37,000.00	10,000.00	27.03%
2028	-32,000.00	37,000.00	5,000.00	13.51%
2029	-32,000.00	37,000.00	5,000.00	13.51%
Total	-103,000.00	190,000.00	87,000.00	45.79%

Hedged Emission Forecast

Industrial Site Emission Forecast (tonne)

Gas Position

Power Position

Emission Position

Filters

Search

Filters on this page

- commodity is ERC
- deliverybegin is on or after 01/01/2025 00:00:00

Filters on all pages

- marketarea is not 0 or default
- reportdefinition_id is 27
- tradebook_name is not (Blank)
- valuationtime 03/06/2024 - 03/06/2024



Inventory

Certificates inventory

Group by

2023-06 2023-07

Total

Planned

2023-01 2023-02 2023-03 2023-04 2023-05 2023-06 2023-07 2023-08 2023-09

Commodity product	2023-06	2023-07	Total	2023-01	2023-02	2023-03	2023-04	2023-05	2023-06	2023-07	2023-08	2023-09
Commodity product : GoO	408	408	9732	16343	14761	37457	20446	21129	20446	21129	21129	20446
Commodity product : Elcert	0	0	3219	0	0	207	200	207	200	207	207	200
Commodity product : Biogas	0	0	0	0	0	0	0	0	0	0	0	0
Commodity product : EUA	0	0	3000	0	0	0	0	0	0	0	0	0
Own registry : Union Registry	0	0	3000	0	0	0	0	0	0	0	0	0
Commodity product : CHU	0	0	4950	0	0	0	0	0	0	0	0	0
Commodity product : VCU	0	0	78334	6500	0	0	0	0	0	0	0	0
Commodity product : DAC	0	0	2499	0	0	0	0	0	0	0	0	0
Commodity product : UKA	0	0	0	0	0	0	0	0	0	0	0	0
				14761	3766							20646

Data Capture & Management

Position Visualisation

Emissions Functional Overview

Open Ecosystem

Show Dynamic Filters

☑️ Query

Buy trades

Long positions

Trade ID	Counterparty	Prod start	Prod end	Transfer start	Transfer end	EECS state	Origin region	Origin code
45 781	Trading Company 1	2021-01	2031-01	2023-10-24	2023-10-25		Europe	
45 782	Trading Company 1	2021-01	2031-01	2023-08-11	2023-08-12		Europe	
45 783	Trading Company 1	2021-01	2031-01	2023-05-09	2023-05-09		Europe	
45 784	Trading Company 1	2021-01	2031-01	2023-10-25	2023-10-25		Europe	
45 785	Trading Company 1	2021-01	2031-01	2023-08-12	2023-08-12		Europe	
45 786	Trading Company 1	2021-01	2031-01	2023-05-09	2023-05-09		Europe	
45 739	Trading Company 1	2021-01	2031-01	2023-10-24	2023-10-25		Europe	
45 738	Trading Company 1	2021-01	2031-01	2023-08-11	2023-08-12		Europe	
45 735	Trading Company 1	2021-01	2031-01	2023-05-08	2023-05-09		Europe	
45 158	Trading Company 1	2023-01	2024-01	2023-11-10	2023-11-11		Africa	
45 758	Trading Company 1	2021-01	2031-01	2023-08-01	2023-08-02		Europe	
45 757	Trading Company 1	2021-01	2031-01	2023-05-15	2023-05-16		Europe	
45 737	Trading Company 1	2021-01	2031-01	2023-08-01	2023-08-02		Europe	
45 736	Trading Company 1	2021-01	2031-01	2023-05-15	2023-05-16		Europe	

Deal Lifecycle Processes

Quantity and Inventory Management

- ★ Favorites
- Trade entry
- Quantity
- Dashboard Power BI
- Dashboards
- Market reports
- Counterparties
- Regulatory Reporting
- Trades
- Quantity
- Quantity
- ELC matching
- ERC matching
- Fees
- Prices
- Reporting
- Ecosystem
- Ecosystem admin

Thank you to the presenters

Moving on to the questions asked by the audience

Nordic Battle of Treasury - Considerations



Considerations:

- How to measure CO2 emissions?
- What are the options and lessons learned?
- How do you manage your CO2 emission with a dedicated software solution?

Next:

- Material will be shared with participants
- In case questions have not been answered during the webinar, we will contact you directly
- You are welcome to contact us in case you have any questions

Upcoming webinar on CO2 tax



When:

- Thursday 22 August 2024
- 09:00am-10:00am

Information:

- Learn more about the new CO2 tax
- The Danish Parliament has implemented new legislation into the field
- New CO2 tax is a reality from 1 January 2025

[Sign up here](#)

Nordic Battle of Treasury

Thank you



Haris Khan
Director

haris.d.khan@pwc.com

+45 30 70 39 16



Johanna Karlsen
Senior Associate

johanna.karlsen@pwc.com

+45 23 66 13 39