

# Euronext Clearing

EURONEXT INVENTORY MANAGEMENT

User Guide for Clearing Members

JUILLET 2024



**EURONEXT CLEARING**

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# Overview

The Euronext Inventory Management (EIM) system is designed to allow General Clearing Members and Storage Facility Owners to operate efficiently the settlement and delivery of Euronext futures contracts.

All interactions between these parties are included in the electronic system.

# Introduction

Use of the Euronext Inventory Management (EIM) system is now mandatory for all Clearing Members registered with Euronext Clearing and taking part in the physical delivery process.

This document is a user guide for the EIM platform to assist Clearing Members in completing the following actions:

- Managing the Storage Certificate through the “**Inventory page**”
- Tracking the history of the Storage Certificate through the “**History page**”
- Managing the account through the “**Account page**”
- Managing delivery through the “**Delivery Page**”.

# Contacts

- For questions about **Storage Certificates and the delivery process**, contact: [ccp-commophysicalops@euronext.com](mailto:ccp-commophysicalops@euronext.com)
- For **access and log-in questions**, contact: [market-access@euronext.com](mailto:market-access@euronext.com)
- For **issue queries**, contact: [ccp-clientservices@euronext.com](mailto:ccp-clientservices@euronext.com)

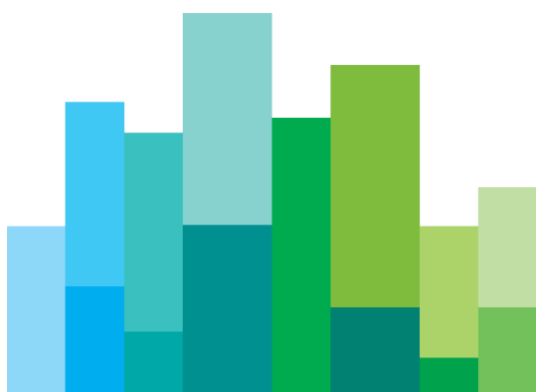
## Key concepts

<b>Acceptance of certificates</b>	A storage facility creates Storage Certificates on behalf of its customers who are Account Holders in the Euronext Inventory Management system. Account Holders need to accept these certificates into a nominated account for them to be valid.
<b>Accounts</b>	Storage Certificates are held in the Participants' accounts. These accounts can be created and named by Account Holders and are designated as either 'client' or 'house' accounts.
<b>Action Bar</b>	A menu or set of buttons with valid actions enabled.
<b>Alternative Delivery Process (ADP)</b>	When both parties to an expired Euronext futures contract agree to the settlement and delivery of the contract outside the normal Central Counterparty process. The Alternative Delivery Process occurs after buyers and sellers have been matched and delivery locations have been agreed. The transaction ceases to be covered by the CCP and becomes a bilateral transaction between buyer and seller. Margins are returned to both parties when this option is chosen.
<b>Buyers</b>	Participants who have a long position in a futures contract at expiry of the contract are obliged to buy a specified quantity of goods at the official final settlement price.
<b>Cancelled</b>	If a Storage Certificate is cancelled by the silo owner, it cannot be reissued again.
<b>Storage Certificate ('Certificat d'entreposage')</b>	A certificate confirming the quantity, quality and title of a product held by a Storage Facility, on behalf of a participant, for a given delivery. It is issued by the Storage Facility Owner at the request of one of its customers who is a participant in the system.

<b>CCP (Clearing Counterparty)</b>	Euronext Clearing is the clearing counterparty for the clearing, settlement and delivery of Euronext contracts. As well as acting as central Counterparty for all trades before expiry of futures contracts, it is responsible for managing the settlement and subsequent delivery process for expired contracts.
<b>Delivery</b>	At the expiry of the contract month, the product associated with open short positions on a futures contract at expiry will be physically delivered. This will occur through the proscribed CCP process, or, if both parties agree, through a bilateral alternative delivery process.
<b>Dematerialise</b>	To represent Storage Certificates in electronic form, rather than as a physical paper document.
<b>Euronext Clearing</b>	The CCP (Clearing Counterparty) for all Euronext futures contracts.
<b>General Clearing Member (GCM)</b>	Member of the Euronext exchanges (i.e. that can trade on its own behalf and on behalf of third-party principals) treated as a direct contractual counterparty by the CCP for all trades
<b>Inventory</b>	A complete list of products (as represented by Storage Certificates and Declaration)
<b>Issue (Storage Certificates)</b>	The process through which Storage Certificates are created by storage facilities on behalf of their customers.
<b>Navigation Bar</b>	A high-level menu dividing the EIM system into main functional areas.
<b>Off-EIM</b>	Actions which take place outside of the EIM system (using other means).
<b>Participant</b>	An organisation which uses the EIM system and has EIM Account(s) in which Storage Certificates may be held (e.g. Silo Owner, GCM, CCP).

<b>Product</b>	The physical commodity that is the subject of a Euronext contract (and/or certifying storage of the commodity with a Storage certificate).
<b>Sellers</b>	A Participant that has a short position in a Euronext futures contract at expiry of that contract.
<b>Storage Facility (Silo)</b>	Storage Facilities are at Storage Locations. The facilities can include silos, warehouses, and barges.
<b>Storage Facility Owners (Silo Owners)</b>	Participants in EIM that own or run Storage Facilities and can therefore issue Storage Certificates.
<b>Storage Location</b>	A physical address for a set of Storage Facilities.

# 1. ACCESS TO USER INTERFACE





## 1.1 General procedure

- For new EIM users:

Pre-requisite	Detail	ETA
<b>Sign EIM service agreement</b>	<p>Participants must sign the Euronext service agreement and return it to: <b>ccp-readiness@euronext.com</b>.</p> <p>Please be aware that it is mandatory to designate at least one Member Connectivity Administrator (MCA) in the appendix 1 (Model Form for Member Connectivity Administrator for Euronext EIM Services</p>	<b>For GCM</b> <b>29 March</b> <b>2024</b>
		<b>For Silos</b> <b>1 July</b> <b>2024</b>
<b>Complete Access Request Form</b>	<p>Through the request form on Connect, the MCA requests the creation of user's access via the link below:  <a href="https://connect2.euronext.com/fr/form/chequers-login-creation">https://connect2.euronext.com/fr/form/chequers-login-creation</a>.</p> <p>To that purpose, Clients (all MCAs) will receive from Euronext Customer Access Service (CAS) credentials to access to Connect.</p>	<b>12 April</b> <b>2024</b>
<b>Perform compliance test</b>	<p>Clients to test their capability to access to EIM and ensure functionalities are properly working on their side. Post testing, clients are requested to submit a form to <b>ccp-readiness@euronext.com</b></p>	<b>27 April</b> <b>2024</b>

- **For Existing EIM Users:**

<b>Pre-requisite</b>	<b>Detail</b>	<b>ETA</b>
<b>Access Request Form</b>	<p>Current account holders will receive their EUA login credentials directly from the Euronext Commodities Physical Operations department.</p> <p>For Production environment, participant's username &amp; password remain the same as before the Euronext Clearing Derivatives Migration.</p> <p><b>Reset password:</b> In the case of forgotten password, client can follow the reset password process described in the user guide</p>	<b>12 April 2024</b>
<b>Perform compliance test</b>	<p>Clients to test their capability to access to EIM and ensure functionalities are properly working on their side.</p> <p>Post testing, clients are requested to submit a form to <b>ccp-readiness@euronext.com</b></p>	<b>27 April 2024</b>

## 1.2 Browsers supported

The EIM user interface has been tested and is compatible with **Internet Explorer, Google Chrome, and Firefox.**

Other browsers may be used, but it is the user's responsibility to resolve any issues related to those browsers.

## 1.3 Access rights to user groups

The Services only identify users through role-based access control defined by their user type. User group access rights (permitted or prevented access) are defined in the Services. Each user type has access to specific authorised functions and data. In addition, read-only access can be set for the user type when access is allowed.

The following types of users are defined in the system.

Account owners can be:

- **General Clearing Member** (GCM) that participates in Euronext Clearing
- **Trader:** a non-member of Euronext Clearing that does not participate in the delivery of the contract, but that trades the contract)

Non-account users are as follows:

- **Euronext Customer Support Services** (CAS) and other service groups (EMS, Membership, Compliance, and IT Support)
- **CCP** (Euronext Clearing)
- **Owner of a Storage Facility** (Approved Silo)

Participants in the EIM are **account holders, clearing counterparties** and **storage facility owners**.

Euronext has a user management function and technical operating functions related to the EIM System. Without prejudice to the provisions of the "Modification of the Agreement" article of the General Terms and Conditions, Euronext reserves the right to add additional functionalities to the administration of the EIM System or to extend the EIM System without breaching any of the confidentiality obligations.

## 1.4 Configuration

The table below provides the links to connect to Euronext's inventory management user interface in the EUA and Production environments.

	EUA (Test Environment)	Production
Internet access	<a href="https://EIM-eua.euronext.com">EIM-eua.euronext.com</a>	<a href="https://EIM-prod.euronext.com">EIM-prod.euronext.com</a>

## 1.5 Connecting to the system

Before logging in, participants must complete the process to access the system.

To log in to the EIM app, please follow the steps below:

- **Step 1.** Start the web browser.
- **Step 2.** Enter the URL and the EIM Connect dialogue box opens.
- **Step 3.** Enter your username and password (credentials received from the Euronext CAS team) and click "**Log in**".

## Se connecter

For security reasons, the password must be a minimum of eight (8) characters long and must contain a combination of at least three of the four-character types listed below:

- At least 1 uppercase character – A-Z
- At least 1 lowercase character – a-z
- At least 1 digit – 0-9
- At least 1 special character (non-alphanumeric) -!" £\$%^&\*() etc.

After entering your username and password, you will be logged in to the homepage.

If you forget or lose your password, contact Euronext's Customer Access Department (CAS) at [cas@euronext.com](mailto:cas@euronext.com) to reset your password.

### Two-factor authentication

In order to increase the security level of the EIM, a second level of user authentication has been introduced. Each user will receive a "one-time code" (OTC) on their mobile phone. The phone number used will be the number set up by the user's organisation when each user signed up. You will need to enter the OTC at the same time as the password to access the system.

Five failed log-in attempts result in an account lockout. Please contact the Euronext Membership team [EuronextMembership@euronext.com](mailto:EuronextMembership@euronext.com).

## 1.6 Signing out

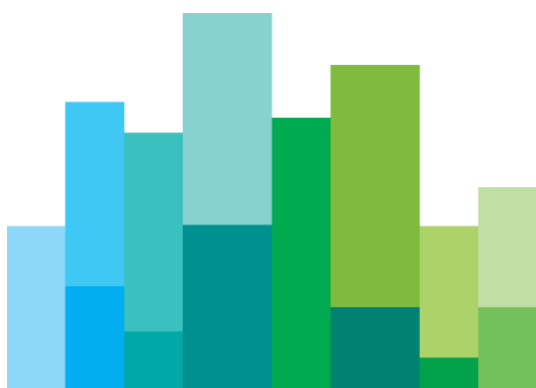
To log out of the EIM user interface, click the "**Log Out**" button ([Sign Out](#)) at the top right of the title bar.

## 1.7 Changing password

Click on "**Forgot Password**".

Enter your email and click on "**add email address**". A password reset email will be generated.

## 2. GENERAL NAVIGATION RULE



## 2.1 Overview of web interface

The EIM user interface is web-based and accessible via Internet working with recent versions of Internet Explorer, Chrome, and Firefox. The screenshot below shows the general user interface. The general features are as detailed below:

1. Sign out button.
2. Username and Participant
3. Environment: Production (Prod) or EUA
4. Language selector
5. Page navigation bar
6. Action Bar, buttons
7. Action Bar, further actions dropdown menu
8. View tabs, Export file
9. Drill-down page
10. Set number of rows displayed per page
11. Clear filters for table
12. Select columns that are visible in table
13. Inventory list, column headers
14. Inventory list, filters
15. Inventory list, inventory items
16. Page selector
17. Items selected
18. Lot numbers and weight for items selected
19. See selected inventory details.

The screenshot displays the Euronext Inventory Management interface. At the top, there is a header with the Euronext logo, the title 'Inventory Management', a language selector (English), and user information (EUA, franktssoegen | Société Générale International Limited, and a Sign Out button). Below the header is a navigation bar with tabs for 'Inventory', 'History', 'Deliveries', and 'Accounts'. A secondary action bar contains buttons for 'Create Declaration', 'Cancel Declaration', 'Change Account', 'Accept', 'Reject', 'Nominate', 'Export', and 'View', along with an 'Action' dropdown menu. Below this is a filter bar with 'Inventory' and 'Accounts' tabs, a 'Page Size' selector, and a 'Clear Filter' button. The main area is a table with columns: Number, Status, Contract, Delivery Month, Account Type, Account, Company Name, Company Number Type, Company Number, Title Owner Party, Lots, Net Weight, Type, Tag, Location, and Storage Facility Type. The table contains several rows of data, with one row selected. At the bottom, there is a pagination bar showing '1 selected / 20 on current page / 87 total with current filter' and a summary of selected items: '1,200 lots (60,000 tonnes) selected / 9,237 lots (461,850 tonnes) on current page / 27,935 lots (1,396,750 tonnes) total with current filter'.

Number	Status	Contract	Delivery Month	Account Type	Account	Company Name	Company Number Type	Company Number	Title Owner Party	Lots	Net Weight	Type	Tag	Location	Storage Facility Type
162024090089	CCP Notified	Milling Wheat No.2		Client	8227BOUF1-GRANEO				Société Générale International Limited	303	15,150	Certificat	2PAC	Dunkerque	Deliver
1620221200087	Cancelled	Milling Wheat No.2		Client	ETS J SOUFFLET D22790110				Société Générale International Limited	1,000	50,000	Certificat		Rouen	Deliver
1620221200088	Cancelled	Milling Wheat No.2		Client	ETS J SOUFFLET D22790110				Société Générale International Limited	255	12,750	Certificat	BZ GRAINS	Rouen	Deliver
1620220900086	Invalid	Milling Wheat No.2		Client	ETS J SOUFFLET D22790140				Société Générale International Limited	1,200	60,000	Certificat		Rouen	Deliver
1620220500084	Invalid	Milling Wheat No.2		Client	ETS J SOUFFLET D22790140				Société Générale International Limited	700	35,000	Certificat		Rouen	Deliver
1620220500081	Invalid	Milling Wheat No.2		Client	Ternoveo 8227 80267				Société Générale International Limited	151	7,550	Certificat	TERNOVEO	Dunkerque	Deliver
1620220500085	Cancelled	Milling Wheat No.2		Client	Ternoveo 8227 80267				Société Générale International Limited	8	400	Certificat	TERNOVEO	Dunkerque	Deliver
1620220500083	Cancelled	Milling Wheat No.2		Client	ETS J SOUFFLET D22790140				Société Générale International Limited	105	5,250	Certificat	SOUFFLET NEGOCE	Montoir	Deliver
1620220500082	Cancelled	Milling Wheat No.2		Client	ETS J SOUFFLET D22790140				Société Générale International Limited	207	10,350	Certificat	SOUFFLET NEGOCE	Nantes	Deliver

## 2.2 Inventory Grid

COLUMN	DESCRIPTION	POSSIBLE VALUES
Number	Unique identifier of the Storage Certificate	Whole numbers except 0
Status	<ul style="list-style-type: none"> <li>■ <b>Issued:</b> When SFO creates the Storage Certificates for the nominated party (order giver or GCM)</li> <li>■ <b>Transferred:</b> the nominated party accepts the Storage Certificates</li> <li>■ <b>Rejected:</b> Account Holder rejects issued Storage Certificates</li> <li>■ <b>CCPLocked:</b> the GCM nominates the storage certificate to the CCP</li> <li>■ <b>CCP Rejected:</b> When CCP rejects the Storage Certificates</li> <li>■ <b>Invalid:</b> Storage Certificates expired</li> <li>■ <b>Cancelled:</b> the SFO cancels the Storage Certificates</li> </ul>	<ul style="list-style-type: none"> <li>■ Issued</li> <li>■ Transferred</li> <li>■ Rejected</li> <li>■ CCPLocked</li> <li>■ CCP Rejected</li> <li>■ Invalid</li> <li>■ Cancelled</li> </ul>
Contract	Euronext Commodity Futures	<ul style="list-style-type: none"> <li>■ Milling Wheat No.2</li> <li>■ Corn</li> </ul>
Delivery Month	Based on the product contract specifications	<ul style="list-style-type: none"> <li>■ Varies depending on the different contracts</li> </ul>
Lots	The number of lots in the inventory	<ul style="list-style-type: none"> <li>■ Integer value</li> </ul>
Net Weight	50 tonnes per lot	<ul style="list-style-type: none"> <li>■ Integer value</li> </ul>
Type	The inventory type	<ul style="list-style-type: none"> <li>■ Storage certificate</li> </ul>
Tag	A tag can be optionally added to inventories but not to individual items, i.e., only to items in the main grid. Tags can be changed by the title owner at any time. Inventory can only have a single tag	<ul style="list-style-type: none"> <li>■ Alphanumeric</li> </ul>
Location	The delivery location	<ul style="list-style-type: none"> <li>■ It is set up by Euronext based on the contract specification</li> </ul>
Storage Facility	Storage Facilities are located at Storage Locations and the facilities are limited to export Storage Facilities that are good for delivery for Euronext product. Each Storage Facility has a licence number	<ul style="list-style-type: none"> <li>■ Set by storage facility owners</li> </ul>
Storage Cell	Storage Facilities may be divided into individual Storage Cell	<ul style="list-style-type: none"> <li>■ Set by storage facility owners</li> </ul>
Emission Date	The date of creation of the inventory	<ul style="list-style-type: none"> <li>■ Date Time</li> </ul>
Valid Until	The date of end of validation of the inventory	<ul style="list-style-type: none"> <li>■ Date Time</li> </ul>

Reference	Storage Facility Reference	■ Alphanumeric
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COLUMN	DESCRIPTION	POSSIBLE VALUES
Storage Facility Owner	Storage Facilities have owners (Storage Facility Owners) who are Participants in EIM and are commonly referred to as Silo Owners	Registered silo owners
Title Owner Party	The owners of the inventories	■ String
Title Nominated Party	Participant who receives the transfer of inventories	■ String
General Clearing Member	Euronext Clearing participant acting on behalf of and for the account or for an order-giver	■ String
Order-Giver	Final client	■ String
Reference Number	Number used to identify number of the inventory	■ Integer
Loading Date	Date of the withdrawal of the goods	■ Date Time
Accounts	Place where inventories are contained	■ String
Timestamp		■ To current date and time
Inventory attributes	Custom inventory attributes whose values will be entered during inventory creation and will be displayed in the grid	■ Non-GMO for corn contract

## 2.3 Email notifications

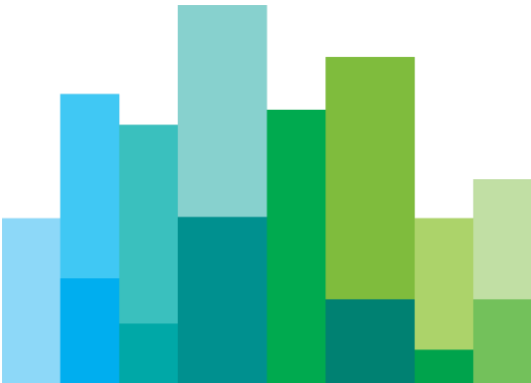
For each action that takes place on a given inventory, participants will receive an email notification (see examples below):

- When the silo issues the Storage Certificate to the GCM, both silo and GCM receive notifications
- When the GCM accepts the Storage Certificate from the silo, both GCM and silo receive notifications
- When the CCP accepts the Storage Certificate notification from the GCM's silo, the GCM, and CCP all receive notifications.
- When the silo amends the Storage Certificate, the participants who receive notifications depends on the different status of Storage Certificates:
  - Issued: silo & GCM
  - Transferred: silo & GCM
  - CCP notified: silo, GCM, CCP
  - Notice accepted: silo, GCM, CCP.

Please note that when the silo amends the lot size of a Storage Certificate, the Storage Certificate status will change to 'Issued' from any other status.

In the case of a Storage Certificate being rejected by the CCP, the status of the Storage Certificate will change from 'CCPLocked' to 'CCP Rejected.' As a result, the GCM must perform another Storage Certificate notification.

# 3. ACCOUNT PAGE



Clearing Members positions are categorised into **House Positions** related to their own accounts and **Client Positions** related to the accounts of their order-givers. It is important to note that order-givers and traders must have at least one account. Only a user who belongs to the Participant holding the account can delete accounts. Active accounts holding no inventory can be deleted, while accounts with inventory cannot.

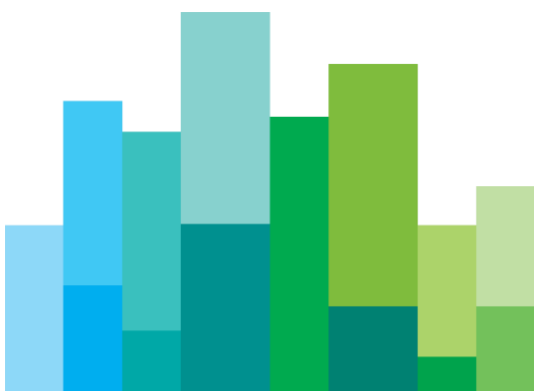
- User selects the Account menu,
- User adds new Account using “**Add**” action (1), a pop-up opens, and user enters the account name and selects the appropriate account type.
- User edits an existing account name using “**Edit**” action (2).
- User cancels an existing account name using “**delete**” action (3).
- User downloads all the accounts using “**Export**” action (4). A CSV file is automatically downloaded.

The screenshot displays the 'Inventory Management' interface. At the top, there is a navigation bar with 'Inventory', 'History', 'Deliveries', and 'Accounts' (highlighted with a red box). Below this is a table of accounts:

Number	Account Name	Account Type
1	ETS J SOUFFLET D22790110	Client
2	SAS BEUZELIN D22782730	Client
5	ETS J SOUFFLET D22790140	Client
7	LECLUREUR SA 7400 03182	Client
9	Osaala 8227 82450	Client
10	ETS J Soufflet D227 90134	Client
16	GROUPE BZ	Client
17	Ternoveo 8227 80267	Client
18	Euraud 822786920	Client
24	8227ACPT4 - SA ANJOU MAINE	Client

Below the table, there are four buttons: 'Add' (1), 'Edit' (2), 'Delete' (3), and 'Export' (4). The 'Accounts' menu item is highlighted with a red box. The user is logged in as Franktstscogen / Société Générale International Limited.

## 4. INVENTORY PAGE



The 'Inventory' page is the home page when logging in to the Euronext User Interface. It allows the Clearing Member to:

- See an overview of all inventories
- See the details of the selected inventory (by clicking the arrow on the right)
- 'Accept' or 'Reject' the selected inventory
- Upload documents for the selected inventory
- Change accounts for the selected inventory
- 'Send Notice' to the CCP of an intent to deliver the goods associated with the selected inventory
- 'Export' all inventories (unfiltered) into a CSV file
- 'View' the selected inventory and download a PDF version of this inventory
- Choose different actions from the dropdown 'Action' menu for the selected inventory or inventories (applicable only for warrant sets and bills of lading).

When using this system, a GCM must ensure that all the certificates it is responsible for are processed exclusively via the EIM system, and not the current paper-based certificate solution (except for exceptional circumstances such as outages or incidents).

## 4.1 Overview of all inventories

- The user clicks on the inventory page.

The screenshot displays the Euronext Inventory Management interface. At the top, there is a navigation bar with the Euronext logo, the title 'Inventory Management', a language selector set to 'English', and user information for 'Franktestcoogen / Société Générale International Limited' with a 'Sign Out' button. Below the navigation bar, there are tabs for 'Inventory', 'History', 'Deliveries', and 'Accounts'. The 'Inventory' tab is active and highlighted with a red box. Below the tabs, there is a toolbar with buttons for 'Accept', 'Reject', 'Send Notice', 'Accept Notice', 'Assign Order-Giver', 'Export', 'View', and an 'Action' dropdown menu. The main content area shows a table of inventory records with columns: Number, Status, Contract, Delivery Month, Account Type, Account, Title Owner Party, Lots, Net Weight, Type, Tag, Location, Storage Facility, Storage Cell, Issue Date, and Val. The table contains 10 rows of data, with the first row selected. A red arrow points to the 'Expand to see the details' button on the right side of the table. At the bottom of the table, there is a summary: '1 selected / 20 on current page / 87 total with current filter' and '303 lots (15,150 tonnes) selected / 9,237 lots (461,850 tonnes) on current page / 27,935 lots (1,396,750 tonnes) total with current filter'. The footer of the page shows 'Version 1.0.0.2018' and the Euronext logo with '© 2023'.

## 4.2 Check storage certificate and accept or reject it

- User selects the storage certificate line in inventory page (1)
- User clicks on the arrow in the right of page to expand details (2)
- User clicks on the details (3)
- User can either **accept** the storage certificate or **reject** it (4).

The screenshot displays the Euronext Inventory Management interface. The main table lists storage certificates with columns for Number, Status, Contract, Delivery Month, Account Type, Account, Company Name, Company Number Type, Company Number, Title Owner Party, Lots, and Net Weight. A row with ID 1620240600096 is selected. The details panel on the right shows information for this certificate, including Location (La Rochelle Pallice), Contract (Corn), Net Weight (190 Lots), Storage Facility (00696), Valid Until (28 Jun 2024), and Origin (European Union origin). The 'Details' tab is active, and the 'Accept' button is highlighted in the top navigation bar.

Number	Status	Contract	Delivery Month	Account Type	Account	Company Name	Company Number Type	Company Number	Title Owner Party	Lots	Net Weight
1620241100092	CCP Locked	Corn	Nov 2024	House	Account Frank empty test	EmptyFrank1	Company ID	123456	Société Générale International Limited	50	2,500
1620241100095	CCP Locked	Corn	Nov 2024	Client	Legacy with inventories	Legacy One	Company ID	1234567	Société Générale International Limited	105	5,250
1620240500094	Issued	Milling Wheat No.2	May 2024							68	3,400
1620241200091	Transferred	Milling Wheat No.2	Dec 2024	Client	Legacy with inventories	Legacy One	Company ID	1234567	Société Générale International Limited	1	50
1620240900089	CCP Notified	Milling Wheat No.2		Client	B227BOUF1-GRANEO				Société Générale International Limited	303	15,150
1620221200087	Cancelled	Milling Wheat No.2		Client	ETS J SOUFFLET D22790110				Société Générale International Limited	1,000	50,000
1620221200088	Cancelled	Milling Wheat No.2		Client	ETS J SOUFFLET D22790110				Société Générale International Limited	255	12,750
1620220900086	Invalid	Milling Wheat No.2		Client	ETS J SOUFFLET D22790140				Société Générale International Limited	1,200	60,000

## 4.3 Upload documents for selected storage certificate

- User selects the storage certificate line in inventory page (1)
- User clicks on the documents (2)
- User enters the name of the document, the document type, uploads the file and clicks on "Upload document" (3)
- User can follow all attached documents in document menu (4)
- User can **delete** attached documents in document menu (5).

The screenshot shows the Euronext Inventory Management interface. At the top, there are navigation tabs for 'Inventory', 'History', 'Deliveries', and 'Accounts'. Below these are action buttons: 'Create Declaration', 'Cancel Declaration', 'Change Account', 'Accept', 'Reject', 'Nominate', 'Export', 'View', and 'Action'. The main area displays a table of inventory items with columns: Number, Status, Contract, Delivery Month, Account Type, Account, Company Name, Company Number Type, Company Number, Title Owner Party, Lots, and Net Weight. One row is selected, and a details sidebar is open on the right. The sidebar has a 'Documents' tab and a table with columns 'Document Title', 'View', and 'Action'. It shows a document titled 'Attestation' with a 'Download' link and a 'Delete' button. Below this is a section for 'Upload File' with a file selection button and an 'Upload Document' button.

## 4.4 Change account for the selected inventory with Issued status

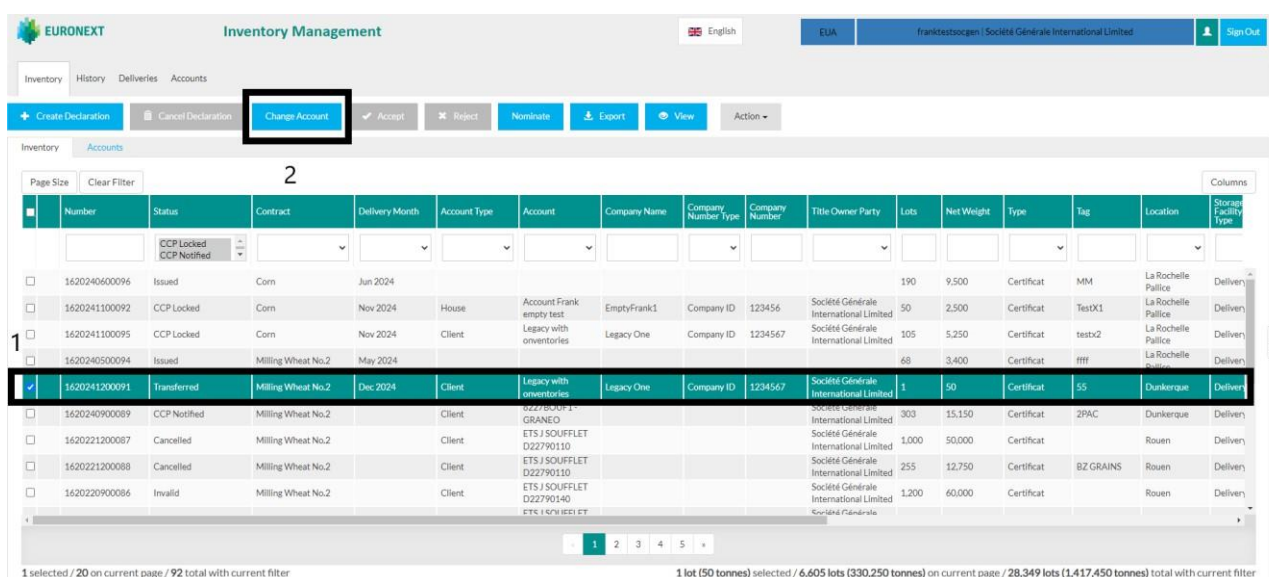
- User selects the storage certificate line in inventory page
- User clicks on **“Accept”** in top of the page
- User selects the account to which they want to allocate the storage and clicks on **“Confirm.”**

This screenshot shows the same Euronext Inventory Management interface, but with the 'Change Account' button highlighted by a red box. The table below shows a list of inventory items. The selected row (Number: 1620241200091) has the following details: Status: Transferred, Contract: Milling Wheat No.2, Delivery Month: Dec 2024, Account Type: Client, Account: Legacy with overventories, Company Name: Legacy One, Company Number Type: Company ID, Company Number: 1234567, Title Owner Party: Société Générale International Limited, Lots: 1, Net Weight: 50, Type: Certificat, Tag: 55, Location: Dunkerque, and Storage Facility Type: Deliver. At the bottom of the interface, there is a status bar indicating '1 selected / 20 on current page / 92 total with current filter' and '1 lot (50 tonnes) selected / 6,605 lots (330,250 tonnes) on current page / 28,349 lots (1,417,450 tonnes) total with current filter'.



## 4.5 Change account for the selected inventory with Transferred status

- User selects the storage certificate line in inventory page (1)
- User clicks on **"Change Account"** in top of the page (2)
- User selects the account to which they want to allocate the storage and clicks on **"Confirm."**



The screenshot shows the Euronext Inventory Management interface. The top navigation bar includes the Euronext logo, the title 'Inventory Management', and user information. Below the navigation bar, there are several buttons: 'Create Declaration', 'Cancel Declaration', 'Change Account' (highlighted with a red box), 'Accept', 'Reject', 'Nominate', 'Export', and 'View'. The main area displays a table of inventory items. The table has columns for Number, Status, Contract, Delivery Month, Account Type, Account, Company Name, Company Number Type, Company Number, Title Owner Party, Lots, Net Weight, Type, Tag, Location, and Storage Facility Type. The row with ID 1620241200091 is selected, and its status is 'Transferred'. The 'Change Account' button is highlighted in the top navigation bar.

Number	Status	Contract	Delivery Month	Account Type	Account	Company Name	Company Number Type	Company Number	Title Owner Party	Lots	Net Weight	Type	Tag	Location	Storage Facility Type
1620240600096	Issued	Corn	Jun 2024							190	9,500	Certificat	MM	La Rochelle Pallice	Deliver
1620241100092	CCP Locked	Corn	Nov 2024	House	Account Frank empty test	EmptyFrank1	Company ID	123456	Société Générale International Limited	50	2,500	Certificat	test0X1	La Rochelle Pallice	Deliver
1620241100095	CCP Locked	Corn	Nov 2024	Client	Legacy with inventories	Legacy One	Company ID	1234567	Société Générale International Limited	105	5,250	Certificat	testx2	La Rochelle Pallice	Deliver
1620240500094	Issued	Milling Wheat No.2	May 2024							68	3,400	Certificat	fff	La Rochelle Pallice	Deliver
1620241200091	Transferred	Milling Wheat No.2	Dec 2024	Client	Legacy with inventories	Legacy One	Company ID	1234567	Société Générale International Limited	1	50	Certificat	55	Dunkerque	Deliver
1620240900089	CCP Notified	Milling Wheat No.2		Client	GRANEO				Société Générale International Limited	303	15,150	Certificat	29AC	Dunkerque	Deliver
1620221200087	Cancelled	Milling Wheat No.2		Client	ETS J SOUFFLET D22790110				Société Générale International Limited	1,000	50,000	Certificat		Rouen	Deliver
1620221200088	Cancelled	Milling Wheat No.2		Client	ETS J SOUFFLET D22790110				Société Générale International Limited	255	12,750	Certificat	BZ GRAINS	Rouen	Deliver
1620220900086	Invalid	Milling Wheat No.2		Client	ETS J SOUFFLET D22790140				Société Générale International Limited	1,200	60,000	Certificat		Rouen	Deliver

1 selected / 20 on current page / 92 total with current filter

1 lot (50 tonnes) selected / 6,605 lots (330,250 tonnes) on current page / 28,349 lots (1,417,450 tonnes) total with current filter

## 4.6 Send Notice to CCP of an intent to deliver the goods associated with the selected inventory

- User selects the storage certificate line in inventory page (1)
- User clicks on **"Nominate"** in top of the page (2)
- User selects the order-giver they want to notify and clicks on **"Confirm"**
- The storage certificate status is updated from **"Transferred"** to **"CCP Locked"**.

The screenshot shows the Euronext Inventory Management interface. At the top, there are navigation tabs for 'Inventory', 'History', 'Deliveries', and 'Accounts'. Below these are action buttons: 'Create Declaration', 'Cancel Declaration', 'Change Account', 'Accept', 'Reject', 'Nominate', 'Export', 'View', and 'Action'. The 'Nominate' button is circled in red. Below the buttons is a table with columns: Number, Status, Contract, Delivery Month, Account Type, Account, Company Name, Company Number, Title Owner Party, Lots, Net Weight, Type, Tag, Location, and Storage Facility Type. A row with Number 1620241200091 is selected, and its 'Export' button is circled in red. The status of this row is 'Transferred'. At the bottom, a summary bar indicates '1 selected / 20 on current page / 92 total with current filter' and '1 lot (50 tonnes) selected / 6,605 lots (330,250 tonnes) on current page / 28,349 lots (1,417,450 tonnes) total with current filter'.

## 4.7 Export all inventories (unfiltered) into a CSV file

- Without selecting a line, user clicks on "Export". A CSV file will be automatically downloaded with all the inventory details (not just those displayed on the screen).

This screenshot shows the Euronext Inventory Management interface with the 'Export' button highlighted by a red circle. The interface is similar to the previous one, but the 'Nominate' button is not highlighted. The table below shows a list of inventory lots with various statuses like 'CCP Notified', 'Cancelled', and 'Invalid'. The summary bar at the bottom indicates '0 selected / 20 on current page / 87 total with current filter' and '0 lots (0 tonnes) selected / 9,237 lots (461,850 tonnes) on current page / 27,935 lots (1,396,750 tonnes) total with current filter'.

## 4.8 View selected inventory and download a PDF version

- User selects the storage certificate line in inventory page (1)
- User clicks on **"View"** in top of the page (2)
- A PDF file will be automatically downloaded.

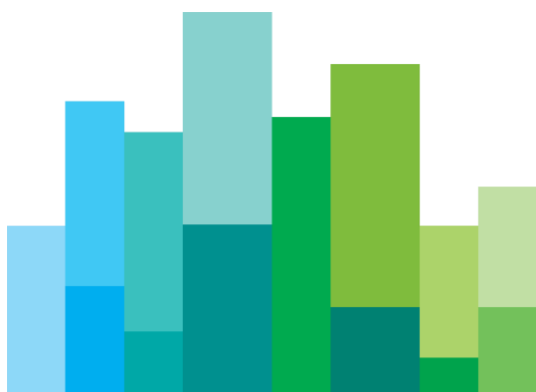
## 4.9 Choose actions from drop-down menu for selected inventory/ inventories

- User selects the storage certificate line in inventory page (1)
- User clicks on **"Action"** in top of the page (2)
- User clicks choose which action they want to perform (3).

The screenshot shows the 'Inventory' page with a table of storage certificates. The table has columns for Number, Status, Contract, Delivery Month, Account Type, Account, Company Name, and Com Num. A row with Number 162024000094 is selected. The 'Action' dropdown menu is open, showing options: Transfer Possession, Merge, Split, and Other. The 'View' button is also visible in the top right corner.

Number	Status	Contract	Delivery Month	Account Type	Account	Company Name	Com Num	Owner Party	Lots	Net Weight	Type	Tag	Location	Storage Facility Type
162024000094	Issued	Corn	Jun 2024											
1620241100092	CCP Locked	Corn	Nov 2024	HS&P	empty test	EmptyH&P	Com	S&P Générale International Limited	50	2,500	Certificat	TestX1	La Rochelle Palliça	Deliver
1620241100095	CCP Locked	Corn	Nov 2024	Client	Legacy with inventories	Legacy One	Com	S&P Générale International Limited	100	5,250	Certificat	testx2	La Rochelle Palliça	Deliver
1620240500094	Issued	Milling Wheat No.2	May 2024											
1620241200091	Transferred	Milling Wheat No.2	Dec 2024	Client	Legacy with inventories	Legacy One	Com	S&P Générale International Limited	68	3,400	Certificat	ffff	La Rochelle Palliça	Deliver
1620240900089	CCP Notified	Milling Wheat No.2		Client	B27BOUF1-GRANE D			Société Générale International Limited	50		Certificat	55	Dunkerque	Deliver
1620221200087	Cancelled	Milling Wheat No.2		Client	ETS / SOUFFLET D22790110			Société Générale International Limited	303	15,150	Certificat	2PAC	Dunkerque	Deliver
1620221200088	Cancelled	Milling Wheat No.2		Client	ETS / SOUFFLET D22790110			Société Générale International Limited	1,000	50,000	Certificat		Rouen	Deliver
1620220900086	Invalid	Milling Wheat No.2		Client	ETS / SOUFFLET D22790140			Société Générale International Limited	255	12,750	Certificat	BZ GRAINS	Rouen	Deliver
					ETS / SOUFFLET			Société Générale International Limited	1,200	60,000	Certificat		Rouen	Deliver

## 5. HISTORY PAGE



A separate page is available that allows users to view the inventory audit data. This makes it easier to filter the history of actions for different inventories and allows this to be exported to a CSV file.

It is crucial to understand that the entries in history represent the fields that define the state of the inventory. They are not the inventories themselves. Once a storage certificate has been created, issued, and allocated to an account, it will contain no less than three or four audit entries, each representing one of these actions.

- User chooses the page size using "Page size" action (1)
- Users removes all ongoing filters using "Clear Filter" action (2)
- User adds or removes columns displayed in the screen using "Columns" action (3). If the box is checked the column is displayed on the screen
- Without selecting a line, user clicks on "Export" action (4). A CSV file will be automatically downloaded with all the inventory history (not just those displayed on the screen)
- User navigates through pages using the page bar above the screen (5).

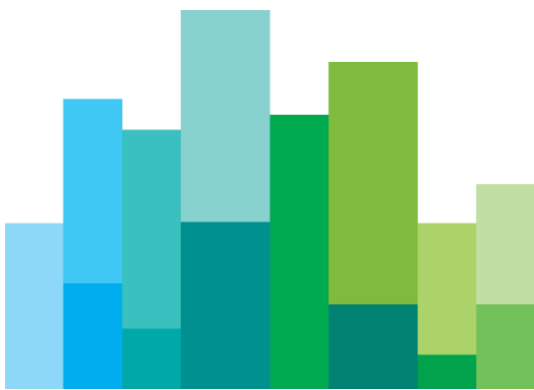
The screenshot displays the 'Inventory Management' interface on Euronext. At the top, there are navigation tabs for 'Inventory', 'History', 'Deliveries', and 'Accounts'. The 'History' tab is active. On the right, there are language and user information options.

Annotations on the interface:

- 1:** Points to the 'Page Size' dropdown menu.
- 2:** Points to the 'Clear Filter' button.
- 3:** Points to the 'Columns' button used for column selection.
- 4:** Points to the 'Export' button.
- 5:** Points to the pagination bar showing page 1 of 10.

Version	Parent Inventory	Number	Status	Contract	Delivery Month	Account Type	Account	Title Owner Party	Lots	Net Weight	Type	Tag	Location	Storage Facility	Storage Cell	Est.
5		1620240900089	CCP Notified	Milling Wheat No.2	Sep 2024	Client	8227BOUF1-GRANEO	Société Générale International Limited	303	15150	Certificat	ZPAC	Dunkerque			301
4		1620240900089	Transferred	Milling Wheat No.2	Sep 2024	Client	8227BOUF1-GRANEO	Société Générale International Limited	303	15150	Certificat	ZPAC	Dunkerque			301
3		1620240900089	Transferred	Milling Wheat No.2	Sep 2024	Client	8227BOUF1-GRANEO	Société Générale International Limited	303	15150	Certificat	ZPAC	Dunkerque			301
2		1620240900089	Issued	Milling Wheat No.2	Sep 2024				303	15150	Certificat	ZPAC	Dunkerque			301
1		1620240900089	Issued	Milling Wheat No.2	Sep 2024				303	15150	Certificat	ZPAC	Dunkerque			301
5		1620221200087	Cancelled	Milling Wheat No.2	Dec 2022	Client	ETS J SOUFFLET D22790110	Société Générale International Limited	1000	50000	Certificat		Rouen			051
5		1620221200088	Cancelled	Milling Wheat No.2	Dec 2022	Client	ETS J SOUFFLET D22790110	Société Générale International Limited	255	12750	Certificat	BZ GRAINS	Rouen			051
4		1620221200088	CCP Accepted	Milling Wheat No.2	Dec 2022	Client	ETS J SOUFFLET D22790110	Société Générale International Limited	255	12750	Certificat	BZ GRAINS	Rouen			051
3		1620221200088	CCP Notified	Milling Wheat No.2	Dec 2022	Client	ETS J SOUFFLET D22790110	Société Générale International Limited	255	12750	Certificat	BZ GRAINS	Rouen			051
2		1620221200088	Transferred	Milling Wheat No.2	Dec 2022	Client	ETS J SOUFFLET D22790110	Société Générale International Limited	255	12750	Certificat	BZ GRAINS	Rouen			051

## 6. DELIVERY PAGE



## 6.1 Cover positions

Sellers must cover their open positions in the deliveries page in order to go to the physical delivery.

- User selects the empty line below the short position to cover (1)
- User clicks on **"Change Account"** in top of the page (2)
- User selects the Account to cover and clicks on **"Confirm"** (3)

The screenshot shows the Euronext Inventory Management interface. The 'Short Positions' table is visible, with a new empty row highlighted by a red circle and labeled '1'. Below the table, the 'Change Account' button is circled in red and labeled '2'. A 'Select Account' dialog box is open, showing a search bar with the number '3' and a 'Confirm' button.

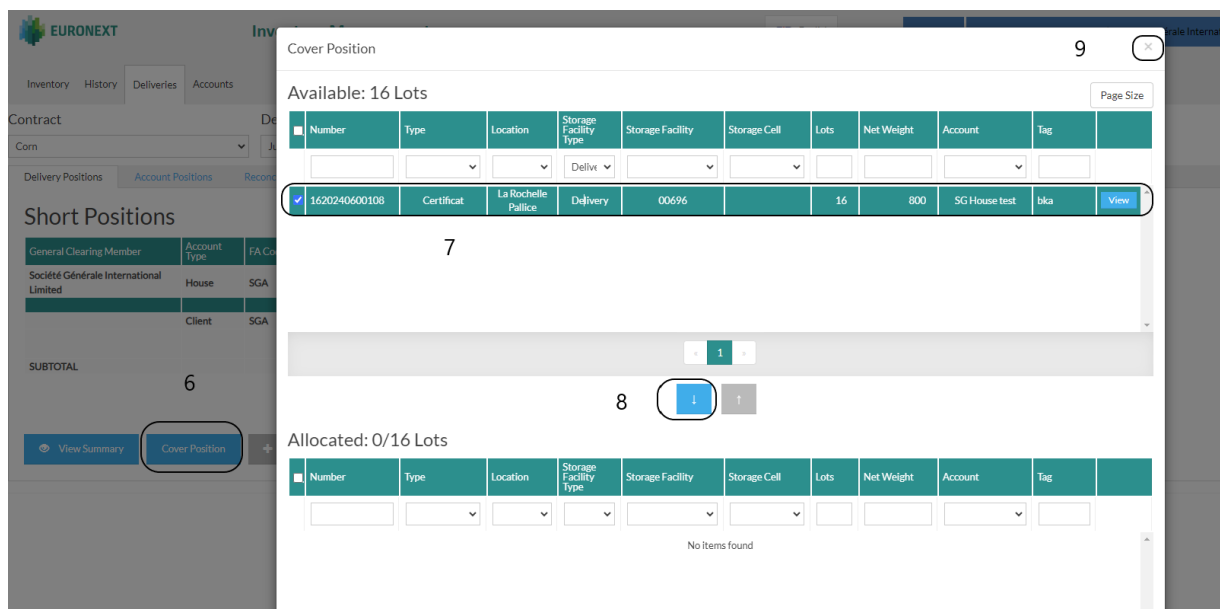
General Clearing Member	Account Type	FA Code	Account	Description	Lots	Nominated	Covered	Notified	Transferred	
Société Générale International Limited	House	SGA			16	0	0			
					0	0	0	x	x	
SUBTOTAL					1	0	0	0	x	x
					29	0	0			

- User clicks on **"Edit"** (4)
- User inserts the number of lots to cover and clicks **"Confirm"** (5)

The screenshot shows the Euronext Inventory Management interface. The 'Short Positions' table is visible, with the 'Edit' button circled in red and labeled '4'. A 'Delivery Position Details' dialog box is open, showing a search bar with the number '5', a 'Description' field, and a 'Confirm' button.

General Clearing Member	Account Type	FA Code	Account	Description	Lots	Nominated	Covered	Notified	Transferred
Société Générale International Limited	House	SGA			16	0	0		
	Client	SGA		SG House test					
				Legacy with inventories					
SUBTOTAL					29	0	0	x	x

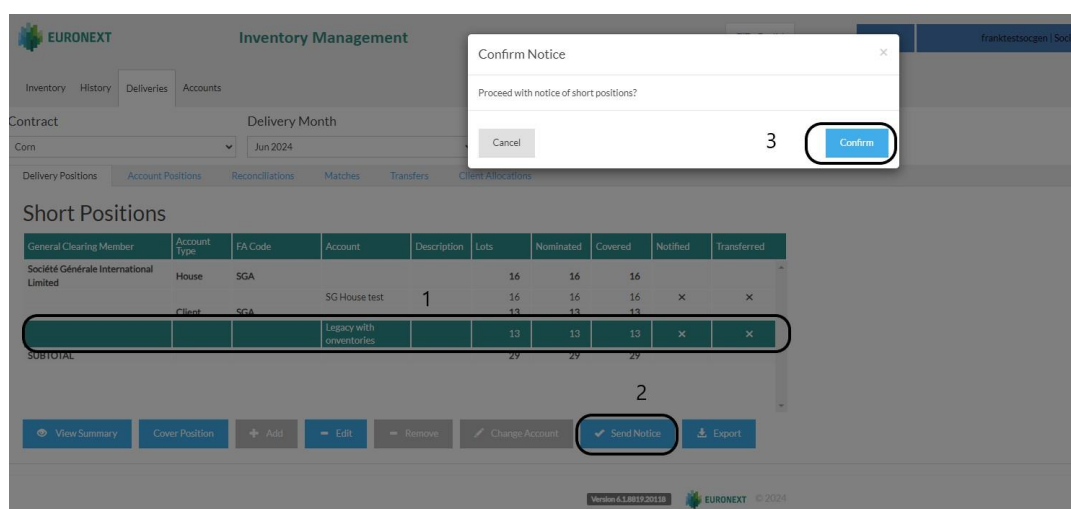
- User clicks on **“Cover Position”** (6)
- User selects the storage certificate to use to cover position (7)
- User Click on the **“arrow”** to allocate the storage certificate (8)
- User closes the allocation page using the **“cross”** in the top right-hand corner. (9)



## 6.2 Notification Notice

Before performing the “Send Notice” action, the user must ensure that the fields Lots, Nominated and Covered display the same amount.

- User selects the short position (1)
- User clicks on **“Send Notice”** (2)
- User clicks on **“Confirm”** (3)





## 6.3 Reconciliations

User can view the result of the matching in the reconciliation menu.

- User selects the **"Deliveries"** page (1)
- User selects the **"Reconciliations"** menu (2)
- User can export using **"Export"** button (3).

The screenshot shows the Euronext Inventory Management interface. The 'Deliveries' menu is circled with a '1'. The 'Reconciliations' menu item is circled with a '2'. The 'Export' button is circled with a '3'. The table below shows reconciliation data:

ID	Selling Clearing Member	Account Type	FA Code	Location	Storage Facility	Lots	Buying Clearing Member	Account Type	FA Code
9	Société Générale International Limited	House	SGA	La Rochelle Pallice	00696	30	JP MORGAN SECURITIES	Client	JPM
9	Société Générale International Limited	House	SGA	La Rochelle Pallice	00696	6	ABN AMRO Clearing Bank N.V.	House	ABN
30	Société Générale International Limited	Client	SGA	Bordeaux	Ware12	9	JP MORGAN SECURITIES	Client	JPM
11	Société Générale International Limited	Client	SGA	Bordeaux	Ware12	4	ABN AMRO Clearing Bank N.V.	House	ABN

## 6.4 Matches

User can view the result of the final matching in the matches menu.

- User selects the **"Deliveries"** page (1)
- User selects the **"Matches"** menu (2)
- User can export using **"Export"** button (3).

The screenshot shows the Euronext Inventory Management interface. The 'Deliveries' menu is circled with a '1'. The 'Matches' menu item is circled with a '2'. The 'Export' button is circled with a '3'. The table below shows match data:

ID	Delivery Mode	Selling Clearing Member	Account Type	FA Code	Location	Storage Facility	Lots	Buying Clearing Member	Account Type	FA Code	Delivery Mode	Transferred
8		Société Générale International Limited	House	SGA	La Rochelle Pallice	00696	13	JP MORGAN SECURITIES	Client	JPM		<input type="checkbox"/>
9		Société Générale International Limited	House	SGA	La Rochelle Pallice	00696	3	ABN AMRO Clearing Bank N.V.	House	ABN		<input type="checkbox"/>
11		Société Générale International Limited	Client	SGA	Bordeaux	Ware12	13	ABN AMRO Clearing Bank N.V.	House	ABN		<input type="checkbox"/>

## 6.5 Delivery mode selection

- User selects the matching line,
- User clicks on the “**delivery mode**” field
- User selects between “CCP” and “ADP”
- User clicks on “**Save**”.

Contract: Corn | Delivery Month: Nov 2021

Rows To Transfer	ID	Delivery Mode	Selling Clearing Member	Account Type	FA Code	Location	Storage Facility	Lots	Buying Clearing Member	Account Type	FA Code	Delivery Mode	Transferred
<input checked="" type="checkbox"/>	9	CCP	BKAGCM	Client	BKA	BAYONNE - QUAI DU BAZE	BAY SILO	16	SGAGCM	Client	SGA	CCP	<input type="checkbox"/>
<input checked="" type="checkbox"/>	12	ADP	RCAGCM	House	RCA	BORDEAUX - BLAVE - QUAI 417 SICA ATLANTIQUE	BORDEAUX SILO	16	JPKGCM	House	JPK	ADP	<input type="checkbox"/>
<input checked="" type="checkbox"/>	13	CCP	BKAGCM	Client	BKA	- 17 026 LA ROCHELLE CEDEX 1	SICA SILO	13	SGAGCM	Client	SGA	CCP	<input type="checkbox"/>

## 6.6 Assign the inventory to an account

- User selects the empty line below the long position to allocate,
- User clicks on “**Change Account**” in top of the page
- User selects the Account to allocate and clicks on “**Confirm**”
- User clicks on “**Allocate Inventory**”
- User selects the storage certificate to use to allocate
- User Click on the “**arrow**” to allocate the storage certificate
- User closes the allocation page using the “**cross**” in the top right-hand corner.

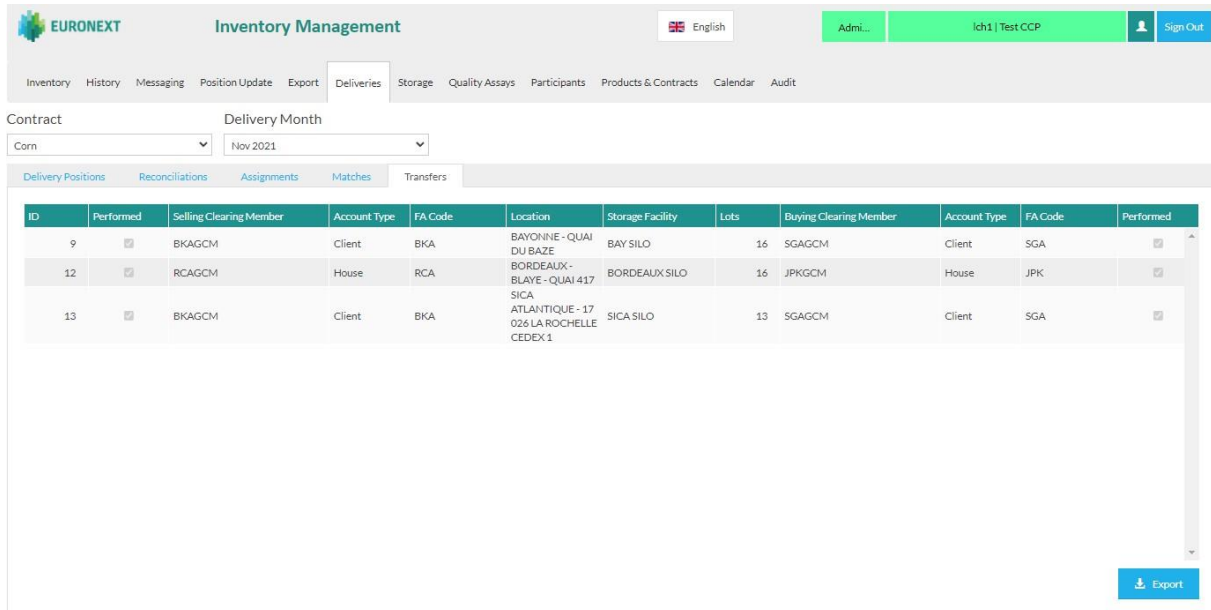
Contract: Corn | Delivery Month: Nov 2021

General Clearing Member	Account Type	FA Code	Account	Lots	Transferred	Allocated
SGAGCM	Client	SGA		29		
			Client (SGA) 1	29	✓	29
SUBTOTAL				29		

## 6.7 Notice of performance

User ticks the Delivery performed flag. This is to indicate that the necessary external tasks have been completed.

- User ticks the **"Performed"** box.



The screenshot displays the Euronext Inventory Management interface. At the top, there is a navigation bar with the Euronext logo, the title 'Inventory Management', a language selector set to 'English', and user information 'Admi...' and 'Ich1 | Test CCP'. Below this is a secondary navigation bar with various menu items: Inventory, History, Messaging, Position Update, Export, Deliveries (highlighted), Storage, Quality Assays, Participants, Products & Contracts, Calendar, and Audit.

The main content area shows a 'Contract' dropdown set to 'Corn' and a 'Delivery Month' dropdown set to 'Nov 2021'. Below these are tabs for 'Delivery Positions', 'Reconciliations', 'Assignments', 'Matches', and 'Transfers'. The 'Delivery Positions' tab is active, displaying a table with the following data:

ID	Performed	Selling Clearing Member	Account Type	FA Code	Location	Storage Facility	Lots	Buying Clearing Member	Account Type	FA Code	Performed
9	<input checked="" type="checkbox"/>	BKAGCM	Client	BKA	BAYONNE - QUAI DU BAZE	BAY SILO	16	SGAGCM	Client	SGA	<input checked="" type="checkbox"/>
12	<input checked="" type="checkbox"/>	RCAGCM	House	RCA	BORDEAUX - BLAYE - QUAI 417	BORDEAUX SILO	16	JPKGCM	House	JPK	<input checked="" type="checkbox"/>
13	<input checked="" type="checkbox"/>	BKAGCM	Client	BKA	SICA ATLANTIQUE - 17 Q26 LA ROCHELLE CEDEX 1	SICA SILO	13	SGAGCM	Client	SGA	<input checked="" type="checkbox"/>

An 'Export' button is located at the bottom right of the table area.

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