



How ISCC helps to Enter the Union Database

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Agenda

1. Overview of the TYC Connect and synchronisation with other systems

2. TYC Connect Functions:

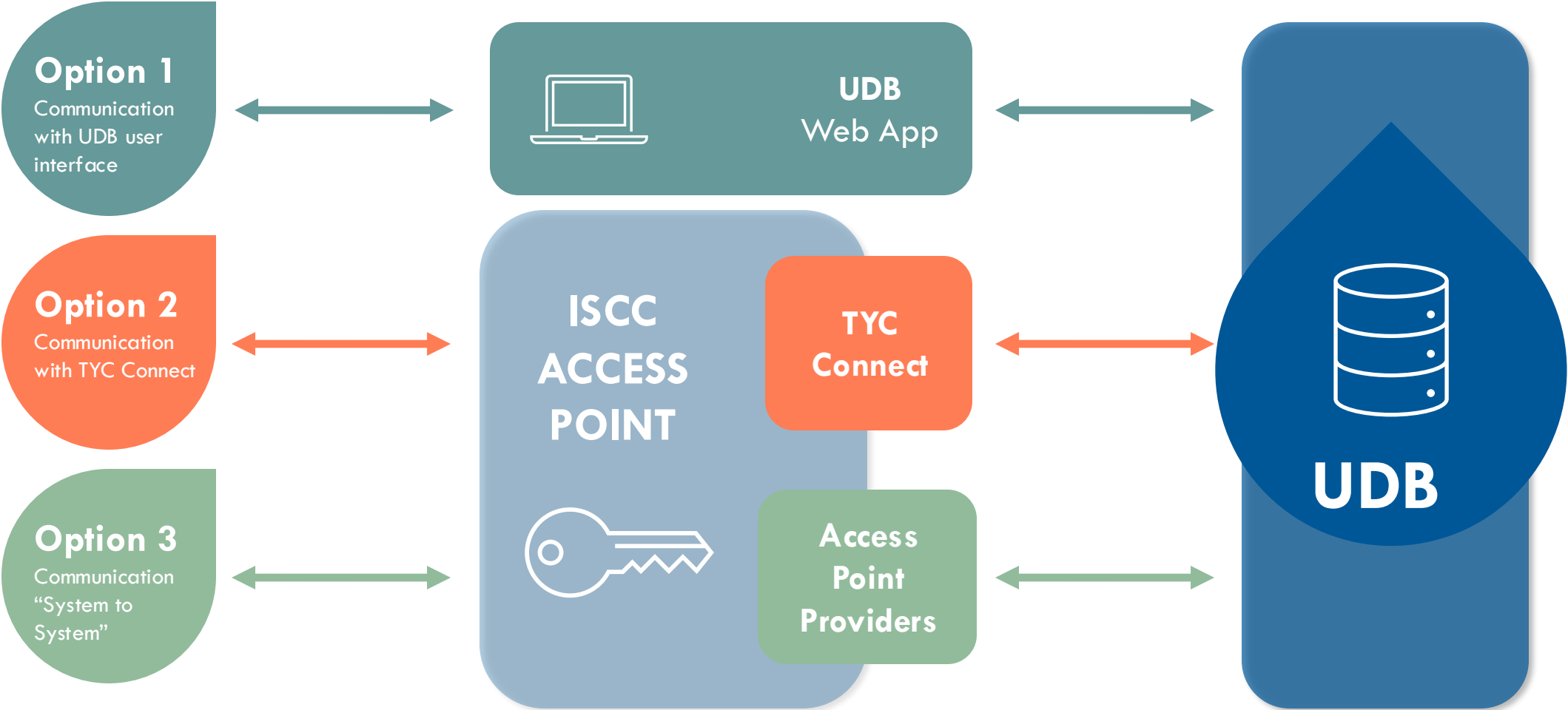
- Initial Stock Registration
- Sourcing Contacts
- Material Uptake
- Stock
- Transactions
- Conversions

3. System-to-System Communication via Access Point Provider

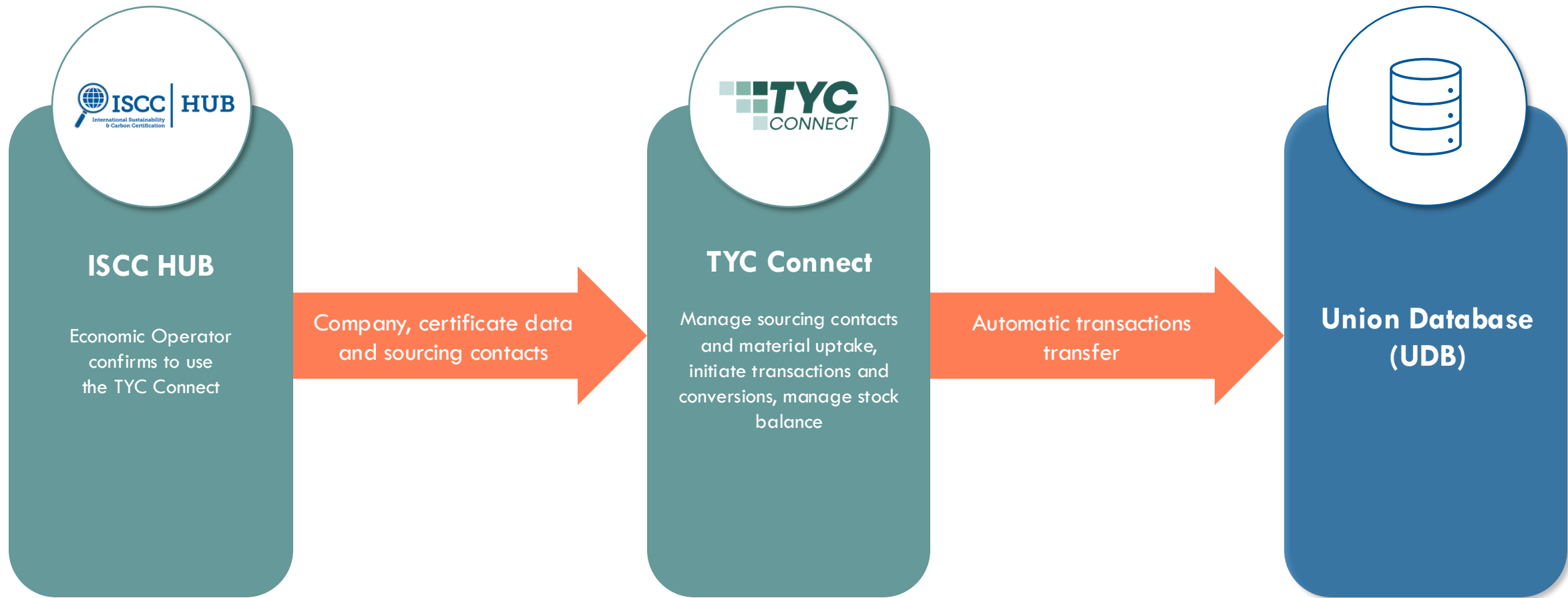
Onboarding of Economic Operators in the Union Database

- Responsibility of the Voluntary Schemes
- Company, certificate and site information must be successfully uploaded
- All the relevant information comes from the ISCC HUB
- System Users shall verify if the information is correct in the HUB and request a change if needed
- To speed up the onboarding process, ISCC has worked intensively on the integration between the HUB and the UDB
- Currently ISCC is conducting final technical tests to transfer and update all valid certificates and the respective site information in the UDB

Three Options for EOs to Provide Transaction Data



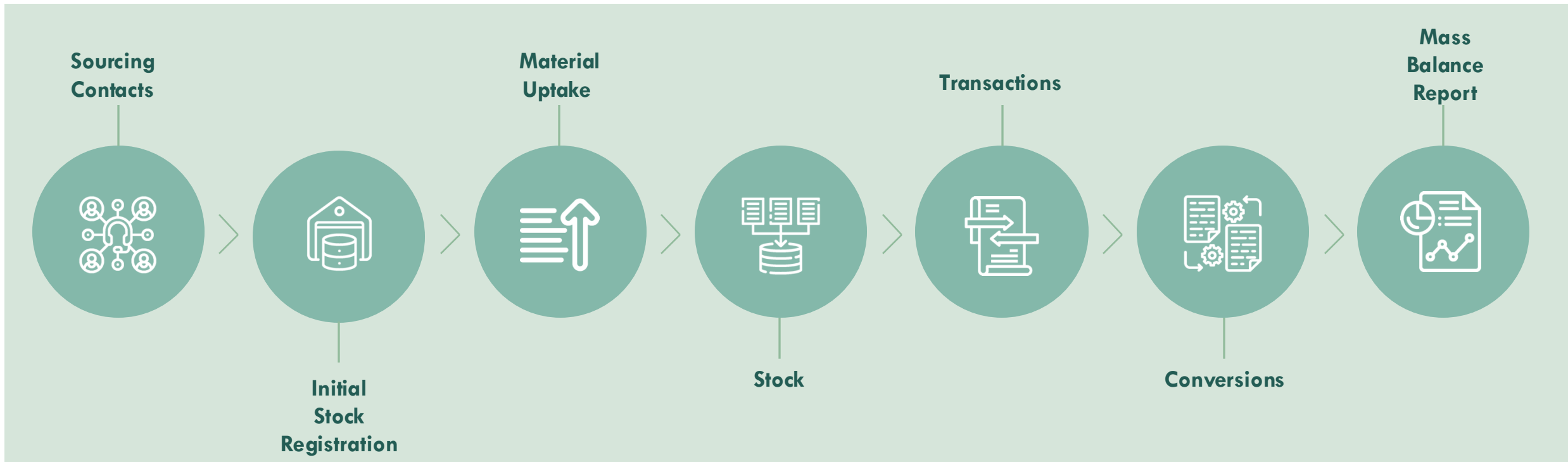
Systems synchronization for effortless data flow



TYC Connect – Benefits at a glance

- It is ISCC compliant
- “One click” onboarding - automatic transfer of company and certificate data from the ISCC HUB
- Seamless upload of initial stock registration, sourcing contacts, material uptake and transactions via csv file
- Integration with ISCC Mobile App: effortless synchronisation of sourcing contacts (points of origin) and material flow
- Mass balance: inbound, outbound, mass balance and stock reporting
- ISCC EU and ISCC PLUS certificates covered
- First pilot covering a supply chain from points of origin to biofuel production is undergoing, and second pilot is in preparation

Overview of TYC Connect Functions



Initial Stock Registration

- To allow certified companies to register their sustainable stock of raw materials or fuels that would allow them to trade.
- This feature will be available only during transitioning into the UDB to enable companies to start registering their transactions
- Upload either manually or bulk via CSV

Sourcing Contacts

Managing Sourcing Contacts



For companies
certified as
Collecting Points
and First Gathering
Points

Sourcing Contacts
are non-certified
points of origin
(e.g., farms)

Information about
sourcing contacts
can also be
transferred from
the HUB

System User can
maintain the list of
their sourcing
contacts directly in
TYC Connect

Material Uptake

- Act of receiveing sustainable material from sourcing contacts where they are a non-certified supplier
- Feature available for companies certified as CPs and FGPs and individually certified Points of Origin and Farms
- Two types of Material Uptake:
 1. Point of Origin Trade (REDII Annex IX part B)
 2. Point of Origin Buyer Trade (all other materials)
- Manual entry and bulk upload is possible

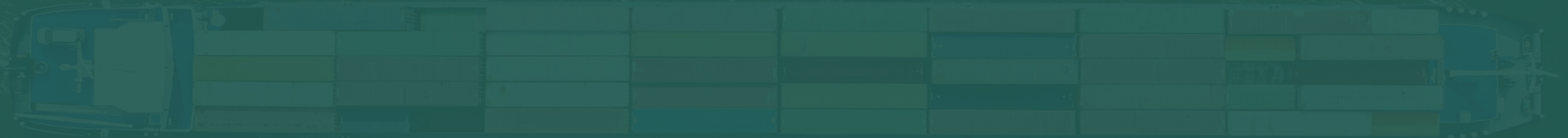
Stock

Stock

The stock layout allows users to effectively manage their inventory by providing an overview of both available and confirmed balances. Each row in the layout is based on sustainability characteristics and site information.

Users can verify detailed information, such as GHG data, by clicking on individual stock entries. Any changes in the Material Uptake, Transactions and Conversions will affect the Stock balance.

Transactions



- This layout allows users to initiate, check the status of, and review transactions.
- Key transaction information includes type (buy or sell), status (draft, approved, pending, rejected, or withdrawn), date, and type (change of ownership/location).
- Users can register transactions either manually or via CSV file upload.
- Once a transaction has been submitted, the buyer will be notified via e-mail.



- Possible transactions:
 - Change of ownership
 - Change of location (internal trade)
 - Change of ownership and location

Conversions

- In “Conversions” layout, the user can initiate the processing of its materials.
- Enter input quantity and unit from the dropdown.
- Choose output material and enter output amount and unit.
- System calculates automatically the conversion factor.

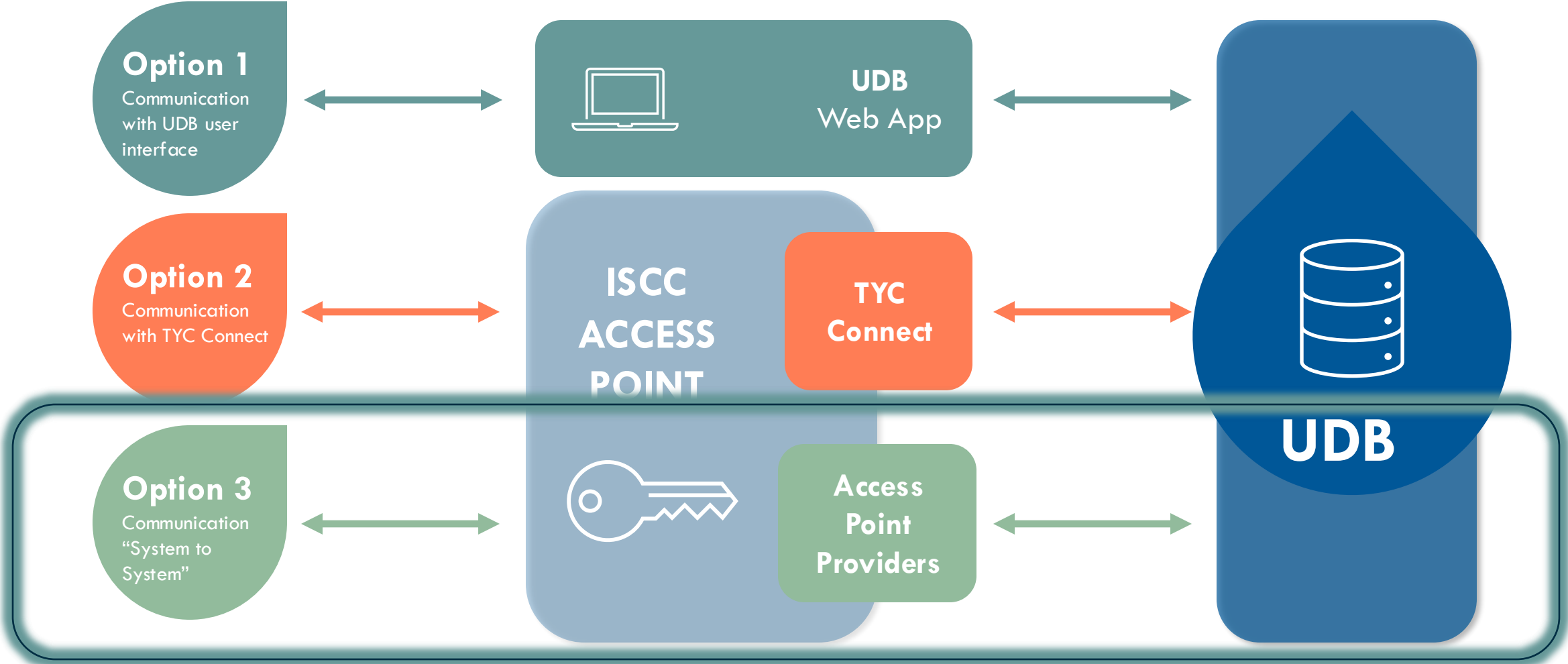


Want to know more?

- In May 2023, we have introduced the TYC Connect in a webinar.
- You can watch the demo session here to gain more insight into the platform and its functionalities:
- <https://academy.iscc-system.org/course/tyc-connect>



System-to-System Connection with Union Database (I)



System-to-System (StS) Connection with Union Database (I)

In April 2023, ISCC has announced two Access Point Providers to ensure direct connection to the UDB. Economic Operators certified under ISCC EU can select either of these providers.

Requirements for StS:

- Before applying, ensure you understand the basics of the eDelivery format, and the exchange model outlined here: <https://wikis.ec.europa.eu/display/UDBBIS/Exchange+Model>
- If you don't have the technical capability to send, receive, and handle data in the required format, refrain from submitting an application:
<https://wikis.ec.europa.eu/display/UDBBIS/Training+materials>

System-to-System (StS) Connection with Union Database (II)

Application procedure:

1. If you are certified under ISCC EU, you can apply for system-to-system communication via udb@iscc-system.org
2. After we receive your application, we will share the contact details of the two Access Point Providers with you.
3. You need to inform ISCC once the contract is finalised.

Please note that ISCC will not be involved in the contractual agreement between the Access Point Provider and the Economic Operators.



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