

FR - Suramortissement Exceptionnel Macron (SCo)

Status	
Owner	Stefanie Schwartz
Stakeholders	

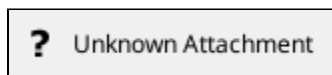
Issue

Determine to what extent SAP tools can manage the business and system process to cover scope of AS IS third party applications (TPAs) for Sustainability. May require creation of further KDDs to cover specific TPAs.

Recommendation

Background & Context

[ESG Landscape As IS](#)



Applications to upgrade:

- Simapro/Gabi
- EcoInvent (2ndary data)
- EcotranIT
- IBAT (biodiversity)
- Sigreen
- BW Cerise
- Pure (SERV)
- PCF
- SPM

Applications to integrate/connect:

- Ecovadis (supplier screening)
- Wave (Star Factory)
- Colmar (CAPEX tracking)

SAP Green Token

SAP Green Token is a chain-of-custody business application designed to help organizations trace and account for certified sustainable versus conventional feedstock throughout their supply chain network. Organizations can easily trace their inbound material's provenance (origin) from their suppliers and outbound product sold to their downstream partners. SAP Green Token aims at providing organizations with the following benefits:

- A first-in-class traceability and transparency approach to work with their supply chain partners and customers.
- An immutable proof of certified commodity chain-of-custody and ownership whether it be inbound, processed, or outbound.

Using the principles of mass balance, tokenization and blockchain, SAP Green Token acts as a multicommodity platform that enables you to account for the full chain-of-custody of commingled raw materials to their origin.

Sustainable and conventional (that is, non-sustainable) commodities are traced through your supply chain and production processes using mass digital twins (tokens) on a blockchain. This allows transparency from different origins to be measured by counting the tokens.

Each organization or member of the supply chain forms part of your network, and may be responsible for operations like:

- Aggregation of sustainable or conventional commodities.
- Processing of commodities through comingling commodities for the purpose of refining or production of new commodities or products.
- Distributing finished products to end consumers or other organizations.

The primary source of input for the SAP Green Token application is through the upload of structured files in a comma-separated values format (CSV). These include:

- Inbound Deliveries CSV
- Conversions CSV
- Pending Orders Fulfillment CSV
- Goods Issued CSV
- Sales Inquiries CSV

The CSV files can be from any 3rd party system, and you upload them on the Imports screen. Uploading CSVs automatically drives other features within SAP Green Token, such as volume requests and the creation of volumes, and creating or updating entries on the Inbound Delivery screen.

Process Workflows

- Conversion Workflow
- Outbound Workflow
- Inbound Workflow
- Consumption Workflow
- Multisite Workflow

Example for online partner inbound workflow:

1. Consolidate relevant deliveries for the delivery period: If your instance of SAP Green Token has been set up for integration with SAP ERP Central Component (SAP ECC) or SAP S/4HANA this will be handled automatically. This may also be the case if the non-SAP ERP system used supports this step.
2. Extract delivery information to Inbound Deliveries CSV: Extract the inbound deliveries identified and consolidated in the step above and populate the Inbound Deliveries CSV manually. This can happen automatically if configured appropriately in your ERP system.
3. Import the CSV into SAP Green Token:

Entries on the Inbounds screen (under the Process tab) are created by uploading volumes in CSV files using the Import CSV button on the overview screen or by dragging and dropping files on the Imports screen.

After uploading an inbound deliveries CSV, you can review all inbound delivery transactions on the Inbounds screen.

The Inbounds screen provides details on the delivery of certified and conventional materials. Users can view different attributes associated with the materials as well as the status of the order.

4. Fulfilment request generated and inbound delivery entries created
5. Request fulfilled by upstream partner
6. Tokens received and your balance is updated

Green Token empowers companies to track and report their Greenhouse Gas emissions of the products they receive and sell, specifically for companies that conform to ISCC+ standards to substantiate their sustainability claims. This is accomplished by the persistence of attributes to the certified tokens associated to an inbound and conversion order.

ISCC GHG Attributes are provided out-of-the-box with Green Token. You can assign these attributes to any material in your company catalog to track and report against your manufacturing and delivery processes.

Track and Trace

The Chain of Custody feature provides transparency into all materials in your inventory and what materials they're comprised of. It also provides key information on the materials, the number of sustainable and conventional volumes transferred, along with the identity of the member who provided the material. This level of transparency is only available for upstream members of the network. The supply chain member accessing Chain of Custody won't have this level of transparency for downstream members of the network.

The Material Provenance view shows you the original raw material from which the selected product or material was derived, regardless of the intermediary conversions or transformations. This helps you see the sustainable qualities of raw material from its original source and introduction into the supply chain.

Reports

Under Reports, you can find a set of complementary reports that can be used by organizations being audited for International Sustainability and Carbon Certification (ISCC), for example. The data for these reports are generated in real time through the day-to-day transactions that are executed in SAP Green Token. This reduces the level of effort and the margin for error in pulling supporting details from disparate systems. The following reports are available:

- Conversion Audit Report
- Material Balance Report
- Material Movement Audit Report
- Order Audit Report
- Transaction Audit Report

Assumptions

Constraints

Impacts

Business Rules

Options considered

Option A: SAP Green Token

- Ensures traceability as part of Procurement (Sourcing/Buying)
- Substantiate sustainability claims to derive value based pricing (Marketing/Selling)
- Reduce Scope 3 emissions as part of Supply Chain (Transporting)
- Follow trajectories to meet targets as part of Reporting (Finance/Regulatory)
- Access green financing
- Meet ESG expectations (customers/regulators/investors/disclosure)
- helps you see the sustainable qualities of raw material from its original source and introduction into the supply chain.

Option B:

Option C:

Option D:

Evaluation

	Option A SAP Green Token	Option B AS IS Applications	Option C	Option D
Criterion 1	<p> Pro</p> <ul style="list-style-type: none">• Ensures traceability as part of Procurement (Sourcing/Buying)• Substantiate sustainability claims to derive value based pricing (Marketing/Selling)• Reduce Scope 3 emissions as part of Supply Chain (Transporting)• Follow trajectories to meet targets as part of Reporting (Finance/Regulatory)• Access green financing• Meet ESG expectations (customers/regulators/investors/disclosure)• helps you see the sustainable qualities of raw material from its original source and introduction into the supply chain. <p> Con</p>	<p> Pro</p> <p> Pro</p>	<p> Pro</p> <p> Con</p>	<p> Pro</p> <p> Con</p>
Criterion 2	<p> Pro</p> <p> Con</p>	<p> Con</p>	<p> Pro</p> <p> Pro</p>	<p> Con</p> <p> Con</p>
Criterion 3	<p> Pro</p>	<p> Con</p>	<p> Con</p>	<p> Pro</p>

See also

File **Modified**

No files shared here yet.

Change log

Version	Published	Changed By	Comment
CURRENT (v. 4)	Jul 03, 2024 15:17	Mestre, Carlos	
v. 3	Jul 03, 2024 15:12	Mestre, Carlos	
v. 2	Jul 03, 2024 15:11	Mestre, Carlos	
v. 1	Jul 26, 2023 13:40	Eusébio, Daniela	

Workflow history

Title	Last Updated By	Updated	Status
There are no pages at the moment.			