

Sustainable Biomass Program

Intro to SBP

June 2025



Voluntary Certification Schemes

Voluntary vs Mandatory Schemes



Mandatory Certification = Health & Safety, seat belts, planes, food, medication, ISO, etc.

=> Demand for non-mandatory claims: customer satisfaction, organic, fair traded, sustainably sourced

> 300 Voluntary Certification Schemes (VCS) and Standards for various supply chains

- 91 Cocoa / Chocolate
- 82 Coffee
- 84 Bananas
- Water, Steel, Jewelry, Fish, Tourism, Golf, etc.

=> VCS for regulatory compliance - a recent development



Sustainable Biomass Program

Promise of good biomass



- **Non-profit, independent, multi-peoples, voluntary certification scheme**
- **Purpose: To expand the contribution of good biomass to the global Bioeconomy**
- **Sourcing standard = feedstock is sourced from legal and sustainable sources**
- **Specifically developed for woody biomass – pellets, wood chips, bio coal => advancing to agri feedstocks**
- **Global one stop shop - Covering all existing regulation recognised: EC - REDIII, UK, NL, Japan (+ SBP criteria)**
- **Assurance: Independent auditing and certification: ISO 17011 / 17065**
- **Member of the ISEAL Alliance – seeks to strengthen sustainability standards via Codes of Best Practise**



362 Certificate Holders globally

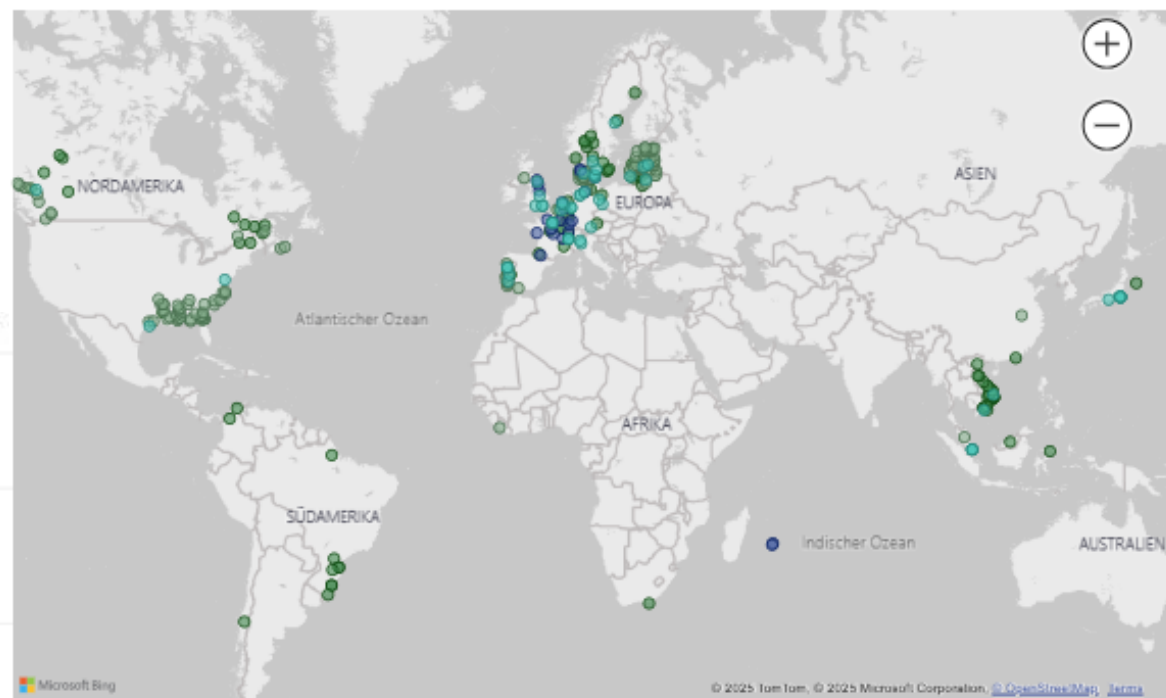
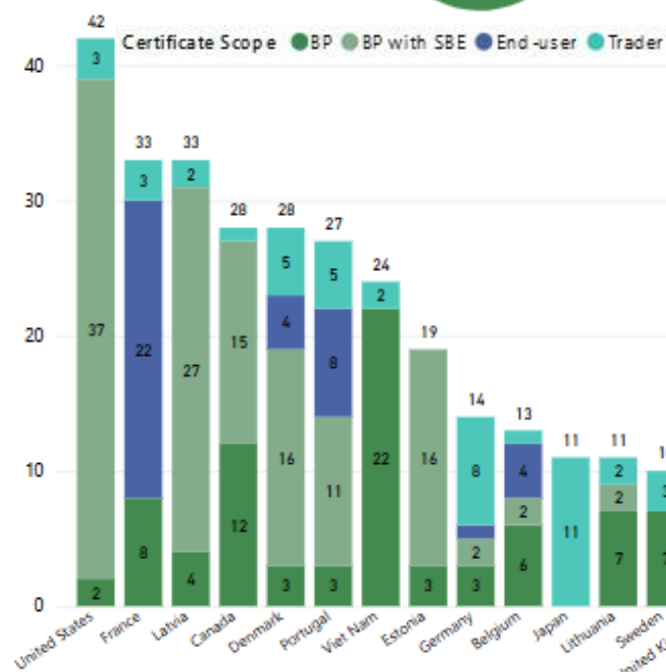
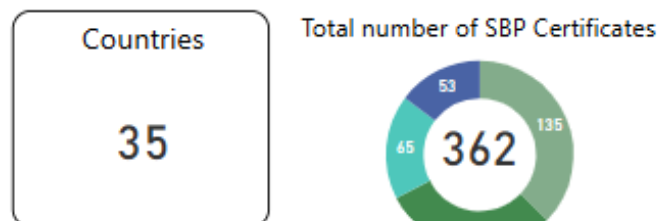
Data from SBP website – Facts & Figures



Certificate Holders

- 362 Certificate Holders
- 35 countries
- 51 Applicants

May 2025



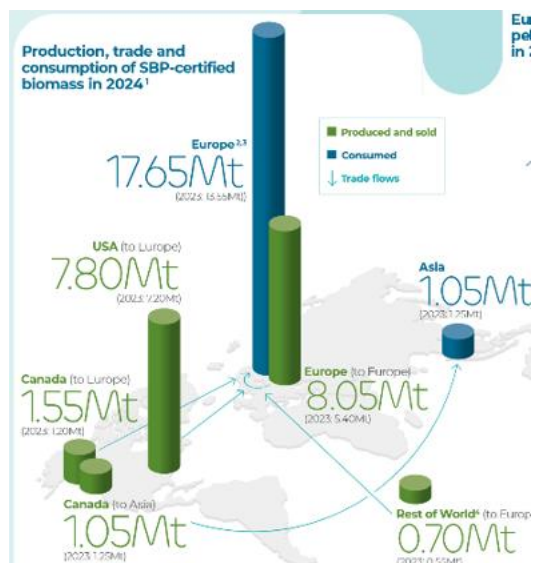
Ca 19 million tonnes – SBP certified

Data from SBP website – Facts & Figures



SBP certified Pellets & Chips:

- 2024 = ca. 19.14 mt
- 30% global pellet production
- 80% Ind Pellet consumption Europe



May 2025

2025 year-to-date pellets produced/sold (million tonnes)

6,6 Mio.

2024: 5,6 Mio. (+16.98 %)

2025 year-to-date chips produced/sold (million tonnes)

3,8 Mio.

2024: 1,9 Mio. (+94.25 %)

2024 pellets produced/sold (million tonnes)

14,1 Mio.

2023: 12,8 Mio. (+10.05 %)

2024 chips produced/sold (million tonnes)

5,0 Mio.

2023: 2,8 Mio. (+81.45 %)

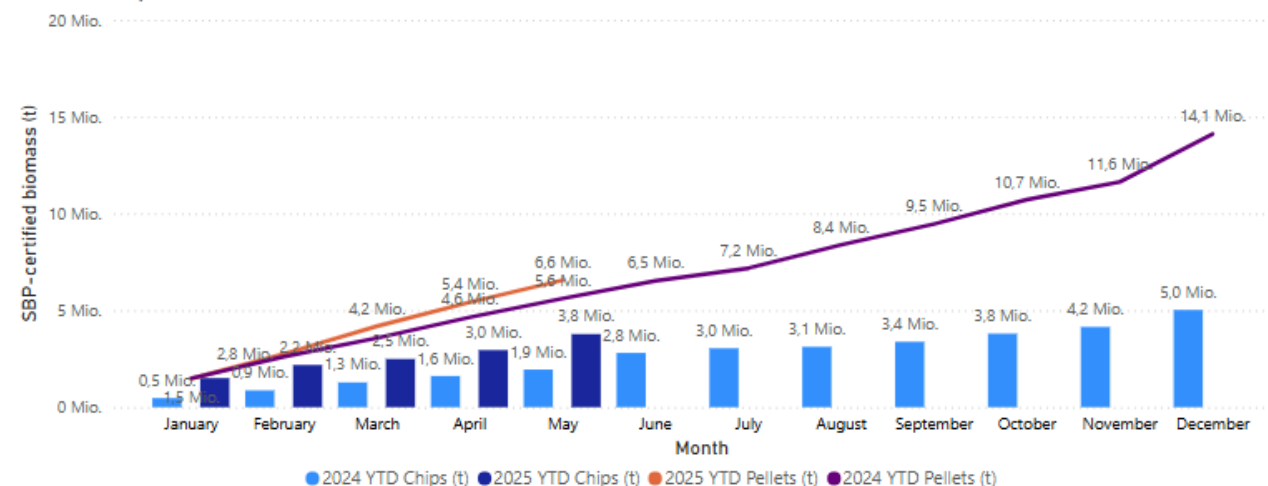
2025 SBP-certified biomass production by Region (million tonnes)

Region	Chips	Pellets	Gesamt
Asia		0,23	0,23
Canada		1,04	1,04
Europe	3,57	1,76	5,33
Rest of the World	0,24	0,05	0,30
United States		3,48	3,48
Gesamt	3,81	6,57	10,38

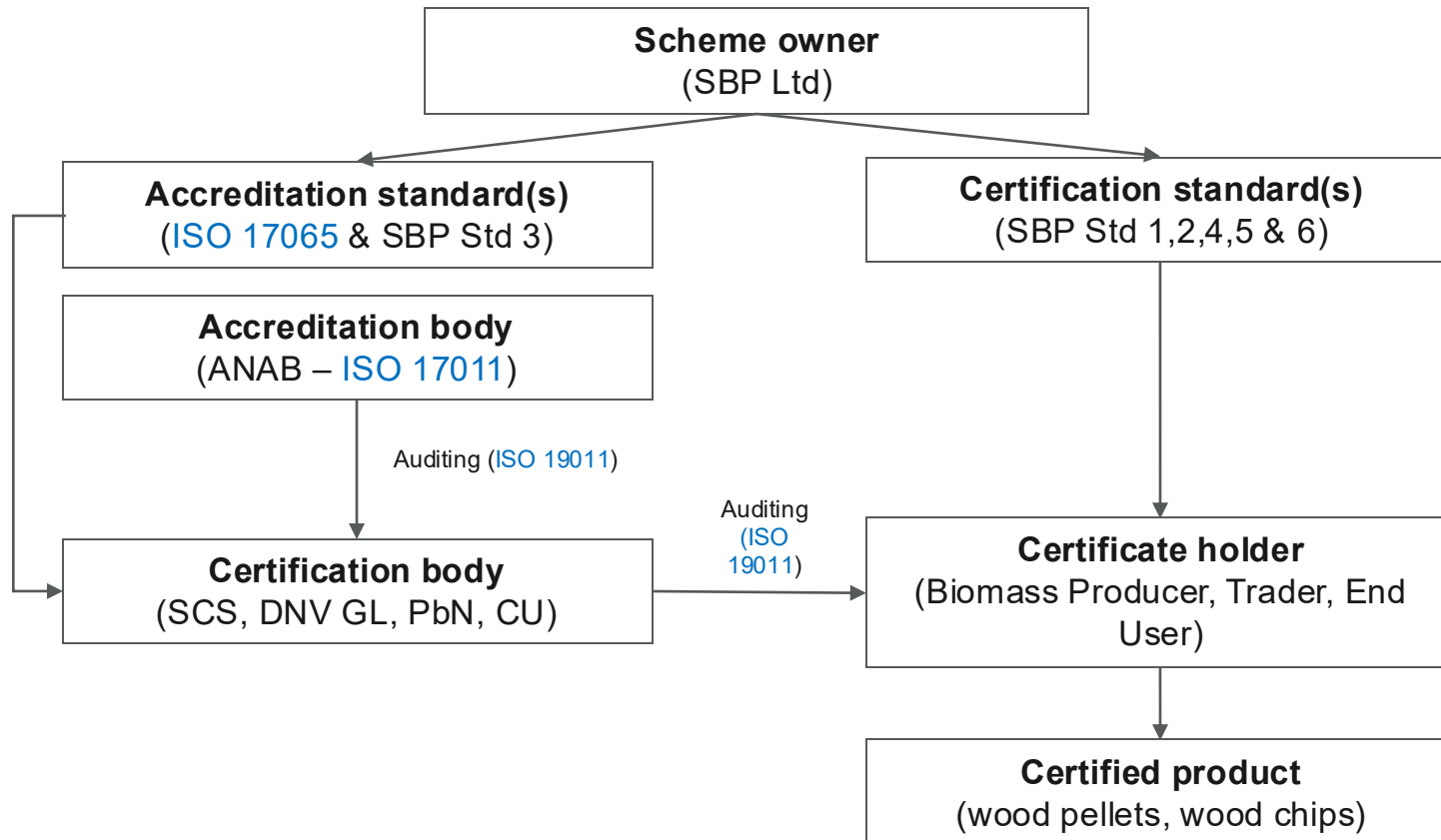
2024 SBP-certified biomass production by Region (million tonnes)

Region	Chips	Pellets	Total
Asia		0,32	0,32
Canada	0,00	2,91	2,91
Europe	4,75	3,26	8,01
Rest of the World	0,27	0,10	0,37
United States		7,53	7,53
Total	5,03	14,12	19,14

Cumulative production/sales of SBP-certified biomass, million tonnes (2024 & 2025)

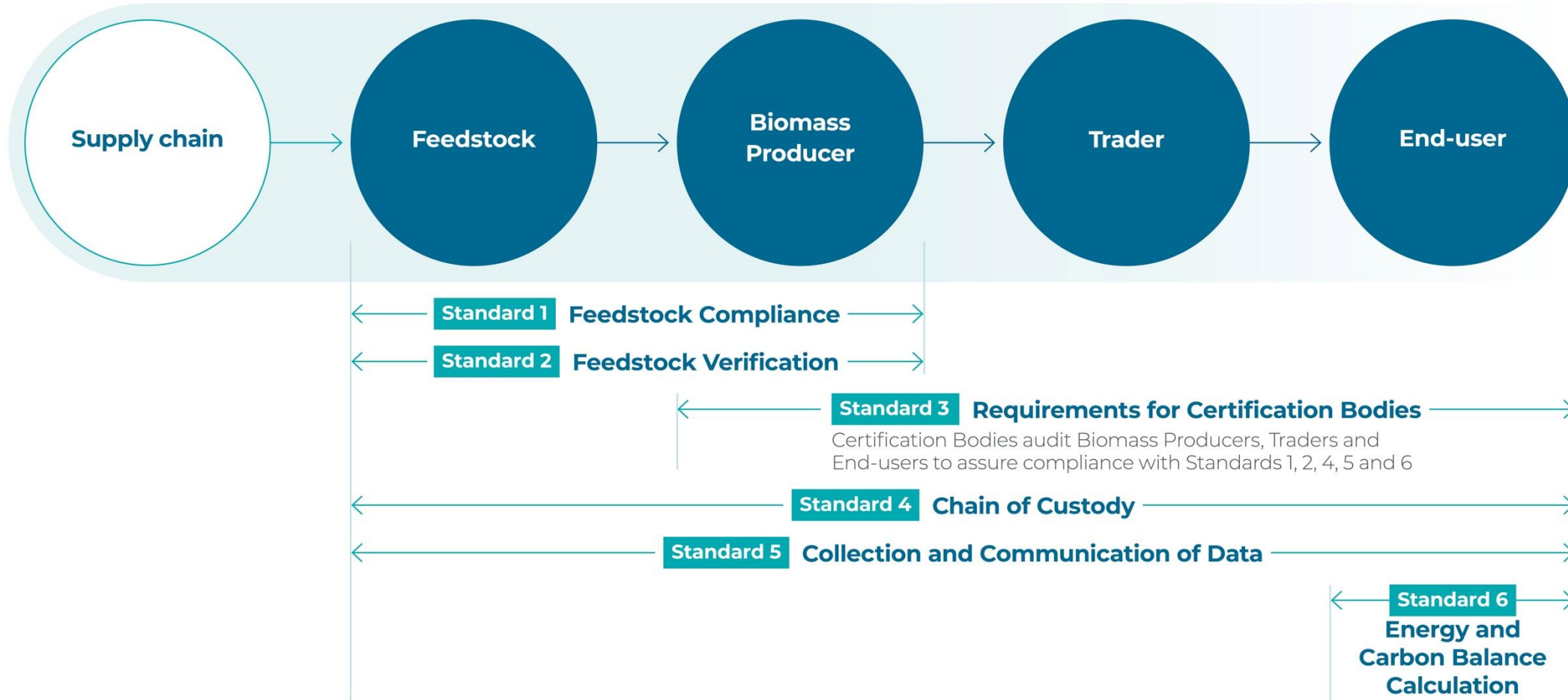


Structure & Function



SBP Normative Framework

Six SBP Standards across the supply chain

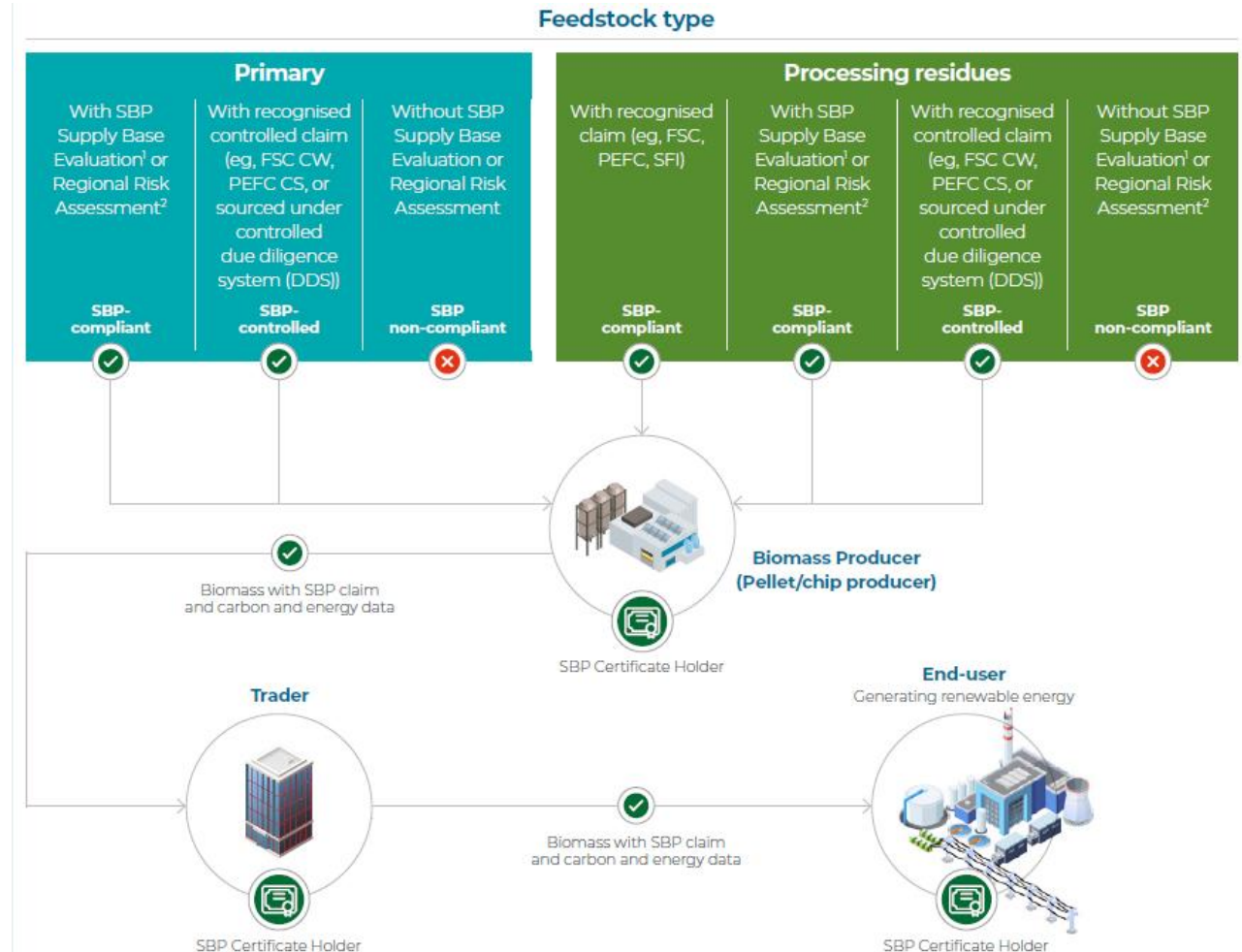


SBP Certification system

How it works in a nutshell



- There are three types of Certificate Holders
 - Biomass Producer
 - Trader
 - End-user
- Each step of the supply chain must be certified if the biomass produced and sold is to carry an SBP claim
- Biomass Producers undertake a Supply Base Evaluation of feedstock sources
- Biomass Producers determine and mitigate risks (Risk based approach) of using unsustainable feedstock
 - a) Company Risk Assessment
 - b) Regional Risk assessment
- Annual audit of the assessment and management
- SBP certified volumes and energy data transferred through the SBP Data Transfer System (DTS)




Data Transfer System - DTS



The Data Transfer System is a cloud-based digital tool for the transfer of SBP claims, production and sustainability data along the supply chain!


- Facebook/LinkedIn connect producers and buyers
- All SBP Certificate Holders = 3,000+ Business Relationships = Access to data
- Mandatory use / No trade of SBP certified material allowed outside of the DTS
- Every transaction is tracked
- Eliminates fraud in the supply chain
- End-users utilise data for GHG calculations, internal / external reporting, regulatory reporting





EUDR Module in DTS

- Supply Chain Map Builder
- EUDR Transaction
- EUDR Governance Report
- Due Diligence Statement & EU IT



GHG emission platform

- Connect DTS data to calculation engine
- Reporting
- Under development



Establishment of SBP Regional Forums :

- › **Asia**
- › **Europe**
- › **Americas**

Engagement

- › **Quarterly Bulletin**
- › **LinkedIn**
- › **YouTube**
- › **Working Groups**
- › **Governance**



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