



# TimberID

Seamless EUDR Implementation  
for SMS's & large

Forest Owners  
Traders

Wood Industry Enterprises

# About Deeplai & EUDR

Deeplai

Polish  
technology  
company



Member of international organizations,  
responsible management of tropical  
forest resources.



Technology Partner **PEFC**  
International global wood  
certification organization



Unique geo-location  
data authentication  
technology



**Deeplai** is the creator of **TimberID**, a state-of-the-art, complete solution specifically designed to improve EUDR compliance and decentralised timber supply chain management.

Developed by **renowned forestry professionals and leading experts** in timber tracking and data management processes, this platform integrates deep forestry industry expertise with advanced technology to offer a comprehensive set of tools to ensure regulatory compliance.

Depending on their "role" in the supply chain, the EUDR obliges companies to **conduct due diligence processes to prove compliance**. This requires the collection of **reliable and verifiable information** on supply chains, **risk assessments** and the implementation of **risk mitigation measures**, including in particular the collection of "First Mile" timber data at the geolocation of the sourcing.



# Digitalisation, Automation, Data Privacy



Manage your due diligence obligation  
in one single platform,  
take advantage in collaboration  
with other TimberID users



Timber & Rubber  
Specific Solution



Documentation gathering  
and management



Risk assessment,  
mitigation measures



Predefined & tailored  
documentation structure



Timber geolocation  
provenance evidence



Selective and relevant  
data sharing



Complete control and  
privacy over your data

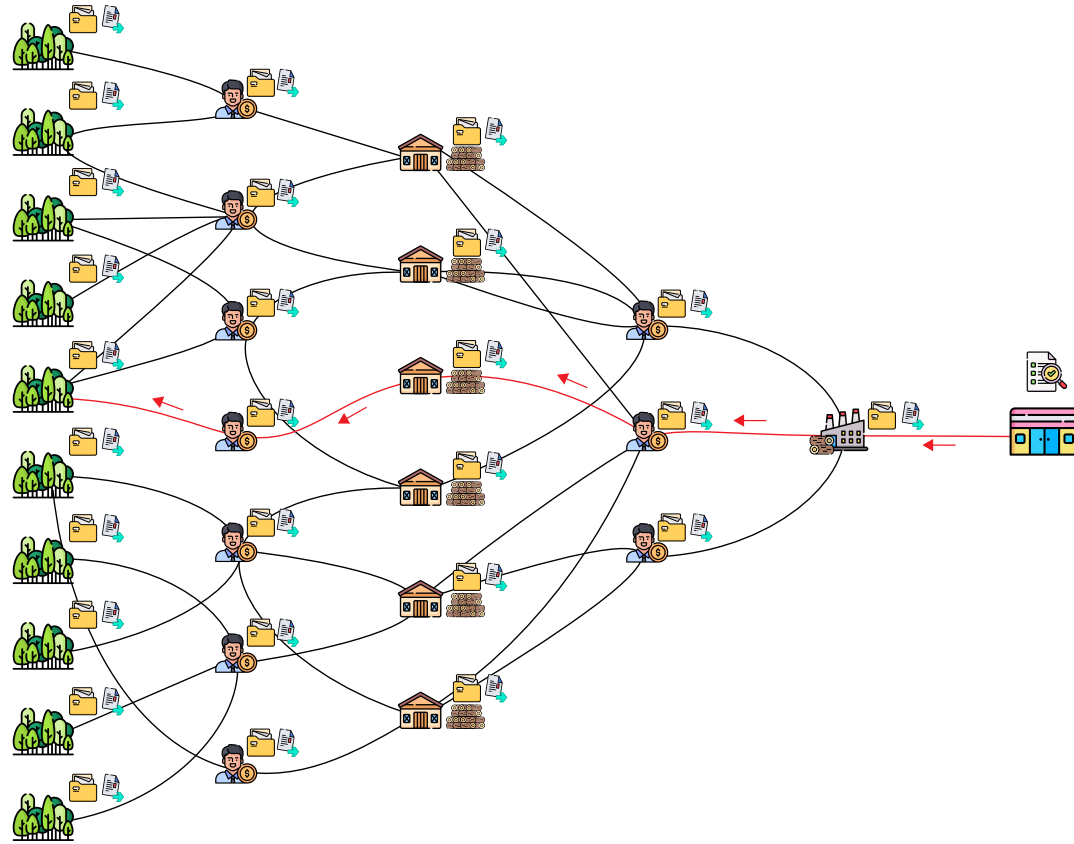


Due diligence audit  
documentation



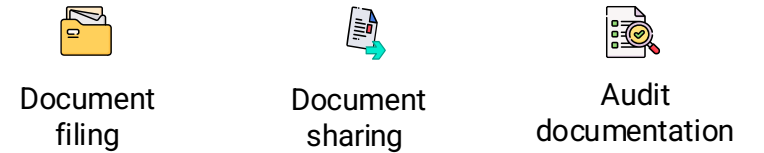
Due Diligence Statement  
automation DDS

# Decentralised Approach



## TimberID Decentralised Approach

- ✔ **Increased efficiency** as more participants adopt the platform.
- ✔ Compatibility with existing ERP systems for **seamless integration**.
- ✔ Enhance **data privacy and security** through selective data sharing.
- ✔ Automated data entry through **digital delivery notes**, improving cost efficiency.
- ✔ Streamline compliance with automated DDS submissions via **Traces integration**.
- ✔ **Detailed traceability** at the transaction level, supported by digital delivery notes and - if necessary - individual log/truck IDs, for verification.
- ✔ Automated downstream **audit processes**, mainly document gathering across all tiers of a supply chain.

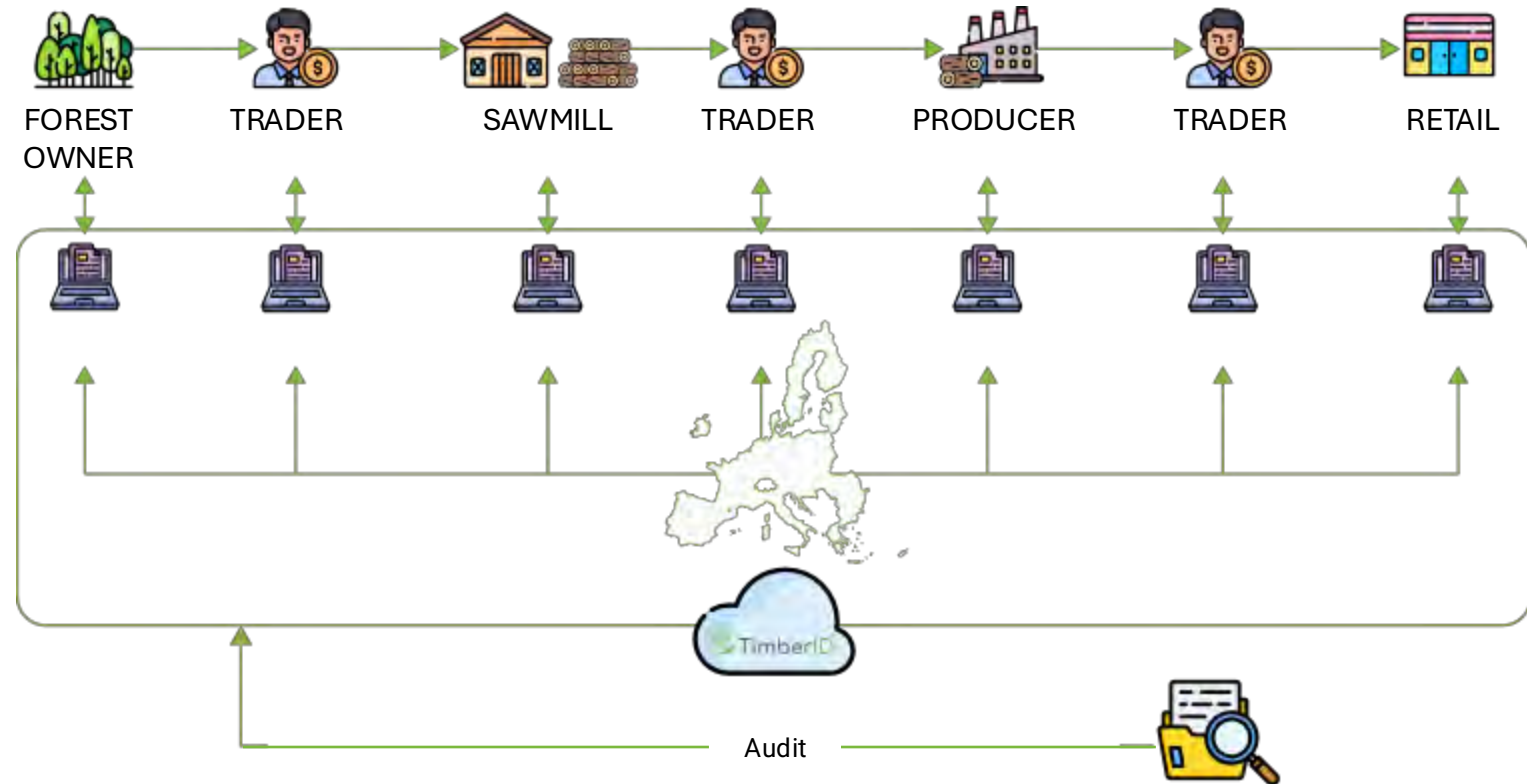




# Audit Process

With  TimberID™

Data is stored in a standardized and digital form



**The integrated audit documentation module** streamlines the audit process, enabling upstream business partners to efficiently collect relevant data and carry out the entire process remotely.

Automation of this process ensures the identification of areas of non-compliance and **reduces human work engagement** on companies involved in these processes..

# TimberID Geolocation Provenance Evidence

TimberID Platform **Authentication Module** is providing **evidence** by applying the **Digital Delivery Note (DDN)**, as well as physical timber log **Dcode marking**, and is directly accessible on demand.



**Digital Delivery Note (DDN)** first level of timber geolocation provenance documented verifiable evidence.

**Timber load**, (truck, container) product specification is supported by a **photo documentation**, sourced at the point of dispatch and verified at the point of reception.

Optionally, a route GPS tracking can be applied.



## Physical timber traceability

is optional but recommended in high-risk environments.

Single timber log ID by applying a **Dcode**, **marking technology** by applying a unique, variable code, indented on the log face, delivering a **dataset of an exact geolocation and timestamp**.

Dcode dataset can be transferred to a board, and/or veneer level, securing the **provenance information linked with a final wooden product**.



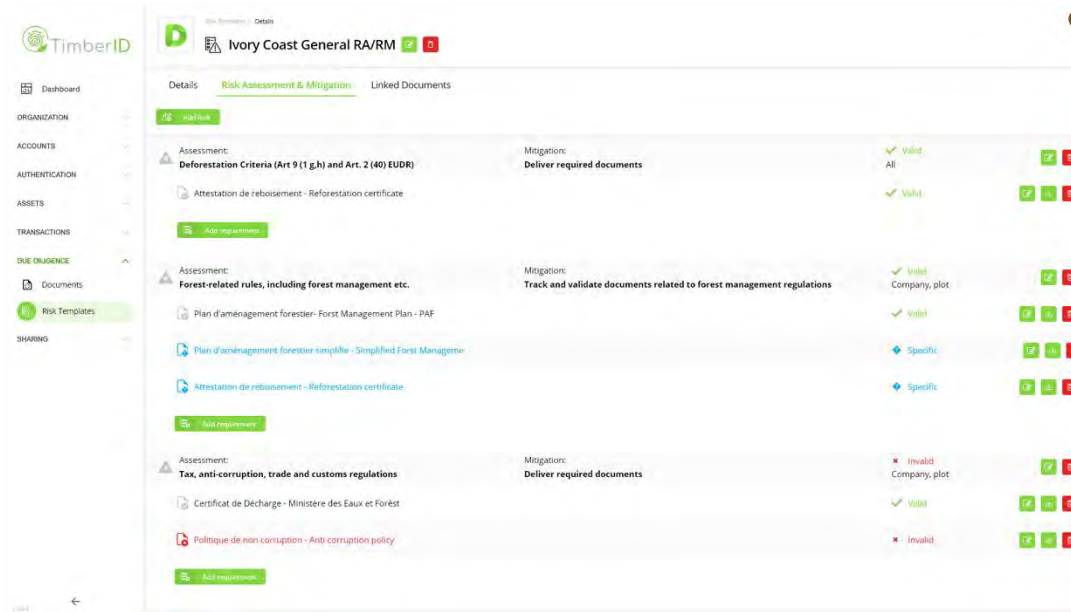
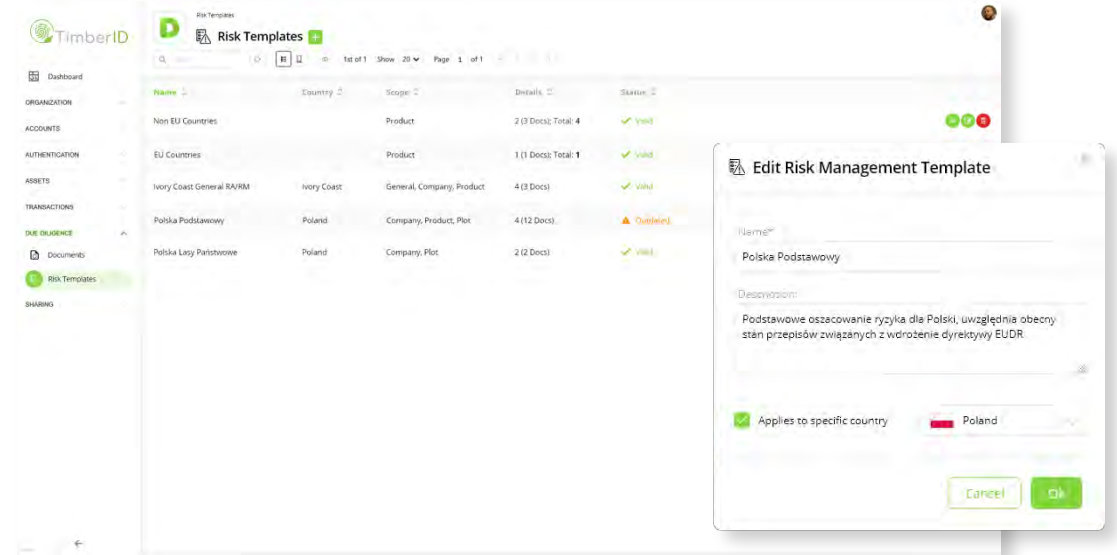
TimberID platform is creating an automated **deforestation analysis report** based on **satellite imagery analysis**, matching the EUDR requirements of the **reference time frame form 2020**.



# Risk Assessment & Mitigation Templates

Predefined and fully adjustable risk assessment and mitigation templates for consistency throughout the supply chain.

- ✔ Plot level
- ✔ Supplier level
- ✔ Delivery level



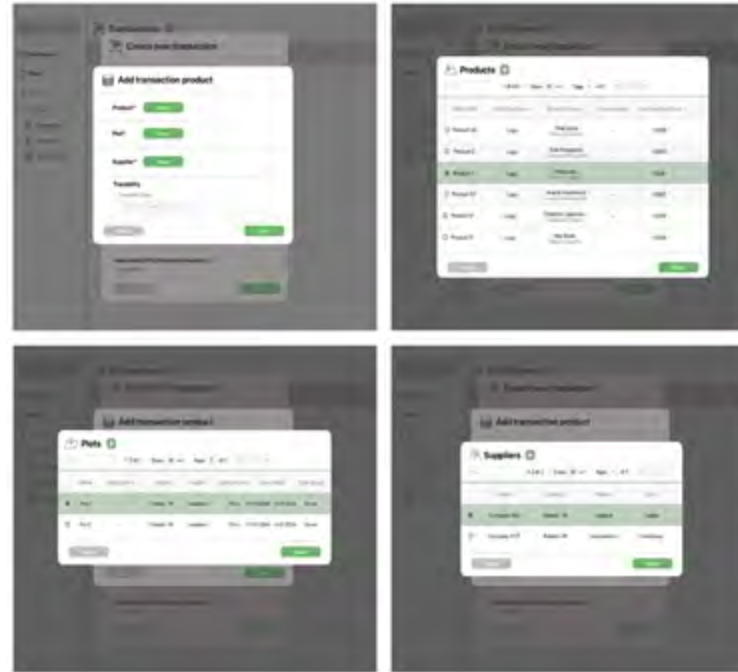
Get **immediate overview** on the risk situation in your supply chain.

This approach allows for **automation**, raises **efficiency** and **reduces cost** for due diligence documentation gathering.





# Integrations



**TimberID API** keys support integration with a **client ERP system** automating the relevant data exchange, providing the **DDS** claims submission process with the **EU TRACES** platform. Practically, the **Client** is handling the sales processes as usual and seamlessly is receiving the **DDS number** and is being placed on a standard delivery note.

**TimberID** also supports external sources such as **certification databases** (e.g. PEFC, FSC, other) and automates the verification of the certificates. The system also helps to ensure compliance with a variety of regulations, including environmental risks, trade sanctions, etc.





## Affordability & Business Efficiency



**TimberID** offers a **cost-effective** solution with a fixed annual license access fee, scaled according to the size of the business entity, with **unlimited user count**.

The platform provides flexible ongoing **Client operating costs** based on storing, processing, and transferring all files.

There is no limit to the amount of data stored or system users, and **API** access is standard.

**Consulting services** covering technical, business and advisory aspects are available and additionally charged.

### TimberID Platform

#### 🌿 **Annual license fee**

From EUR 100/year for a private forest owner \*

From EUR 1900/year for the manufacturer annual revenue – EUR 4 million \*

The fee increases proportionally to the amount of the Client's revenue

#### 🌿 **Operating fee(Pay-As-You-Use)**

by Client usage of file storage, processing, and transfers

#### 🌿 **Implementation** - within 1 day

*\* Range by Client revenues, Deeplai T&C*



## Summary



**TimberID** is a comprehensive and efficient EUDR compliance solution, managing the due diligence processes, benefiting individual companies, all stakeholders in the entire supply chains, as well as Government Authorities.

By simplifying data sharing, decentralizing data collection, and automating workflow processes, **TimberID** increases **mutual trust** between entities, accurately defines accountability, and increases the overall effectiveness of **the due diligence process**.

**By adopting TimberID** as a **decentralized** supply chain platform, will enable companies to comply with EUDR requirements in the **simplest, most cost-effective and efficient way**.

**TimberID solution applied workflow deliver digitalisation by operational simplicity.**



# Safe, effective and affordable EUDR execution



deeplai.com

## TIMBERID Your Trusted Supply Chain Platform