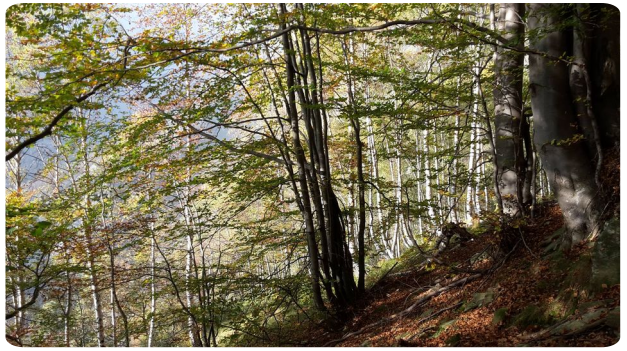
# Woodchain | Blockchain applied to PEFC Chain of Custody



***The project aims at testing the application of Blockchain technology in the frame of a PEFC certified supply chain. The solution can be applied both as part of the obligations of Due Diligence and in the PEFC Chain of Custody management.***

The efficiency, security and inviolability of the blockchain system support forest certification and the forest-wood supply chain with a view to "ensuring certainty and informing according to truth". The Woodchain project involves, together with PEFC Italy and PEFC France, various Turin and Val di Susa realities: Replant Srl, Foodchain spa, La Foresta, Alta Val Susa forest consortium, F. Roche sas, Silva cooperative company and Kaboom Srl.
The purpose of the study is to test the application of blockchain technology as an innovative IT (information technology) solution for forestry and wood applications. This technology allows you to create and manage a large distributed database for managing transactions shared between multiple nodes on a network. The nodes represent the users or entities participating in the network, which contribute to the constitution of the actual blocks, each containing multiple transactions, connected together in the network, which allow decentralization and participation in the management of information and data.
Specifically, the project's objective is to strengthen trust and traceability along value chains, create an efficient and accessible sustainable forest management certification, and encourage the evolution of certification, data collection and impact measurement processes.

## MER INFORMASJON

UTFORDRING ADRESSERT

5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsynings kjede

DOMENE

Inventering, vurdering, overvåking

Avvirkning, infrastruktur, logistikk

Innovasjonsledelse, digitale knutepunkter, klynger

TYPE LøSNING

Verktøy for sporing

NøKKELORD

Traceability tool

DIGITAL LøSNING

Ja

INNOVASJON

Ja

OPPRINELSESLAND

Italia

POTENSIALE

Grenseoverskridende/transnasjonal

START OG SLUTT åR

--

## KONTAKT INFORMASJON

EIER ELLER FORFATTER

**Replant srl**

Andrea Crocetta

andrea.crocetta@replant.it

RAPPORTøR

## REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

https://www.blockchain4innovation.it/esperti/blockchain-perche-e-cosi-importante/

RESSURSER

--

PROSJEKTETS HJEMMESIDE

https://www.facebook.com/WoodChain-396712064458641

REFERANSE TIL PROSJEKT

--

LOGO FOR BESTE PRAKSIS

LOGO FOR HOVEDORGANISASJON

PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

13 aug 2021

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY