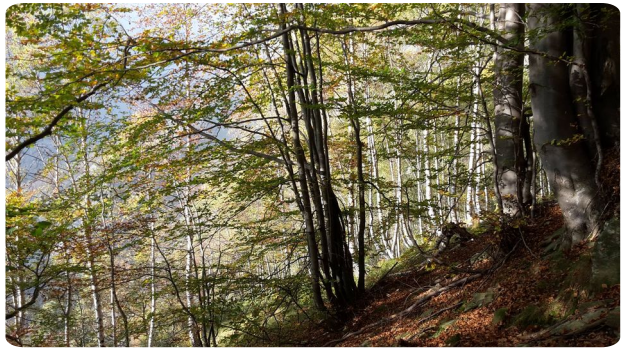
Woodchain | Blockchain applied to PEFC Chain of Custody



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.

VEČ PODROBNOSTI

IZZIV

5. Izboljšanje gospodarske in ekološke učinkovitosti gozdne oskrbovalne verige

DOMENA

Inventura, ocena, monitoring

Sečnja in spravilo, infrastruktura, logistika

Inovativno upravljanje, digitalna vozlišča, grozdi

TIP REŠITVE

Sledljivost

KLJUČNE BESEDE

Traceability tool

DIGITALNE REŠITVE

Da

INOVACIJA

Da

IZVORNA DRŽAVA

Italija

OBSEG UPORABE

Čezmejni / Transnacionalni

ZAČETNO IN KONČNO LETO

--

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

Replant srl

Andrea Crocetta

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POROČEVALEC

REFERENCES AND RESOURCES

SPLETNA STRAN

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

VIRI

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SPLETNA STRAN PROJEKTA

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

REFERENCA PROJEKTA

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LOGOTIP DOBRE PRAKSE

LOGOTIP GLAVNE ORGANIZACIJE

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

13 Aug 2021

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

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