

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.

Więcej INFORMACJI

WYZWANIE	DOMENA	RODZAJ ROZWIAZANIA
5. Wzmocnienie ekonomicznego i środowiskowego funkcjonowania leśnych łańcuchów dostaw	Inwentaryzacja, ocena, monitoring zasobów Pozyskanie, infrastruktura, logistyka Zarządzanie innowacjami, cyfrowe huby, klastry, komercjalizacja	Narzędzia do śledzenia surowców i produktów
SŁOWA KLUCZOWE	ROZWIAZANIE CYFROWE	INNOWACJA
Traceability tool	Tak	Tak
KRAJ POCHODZENIA	SKALA APLIKACJI	ROK ROZPOCZĘCIA I ZAKOŃCZENIA
Włochy	Ponadnarodowy	--

DANE KONTAKTOWE

WŁASCIEL LUB TWÓRCA	OSOBA PRZYGOTOWUJĄCA FISZKĘ
Replant srl Andrea Crocetta andrea.crocetta@replant.it	

ŹRÓDŁA I MATERIAŁY

STRONA INTERNETOWA	ZASOBY
https://www.blockchain4innovation.it/esperti/blockchain-perche-e-così-importante/	--
STRONA INTERNETOWA PROJEKTU	
https://www.facebook.com/WoodChain-396712064458641	

PROJEKT

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LOGO DOBREJ PRAKTYKI



LOGO ORGANIZACJI

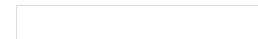


PROJEKT, W RAMACH KTÓREGO STWORZONA ZOSTAŁA NINIEJSZA FISZKA

Rosewood 4.0

DATA PUBLIKACJI

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