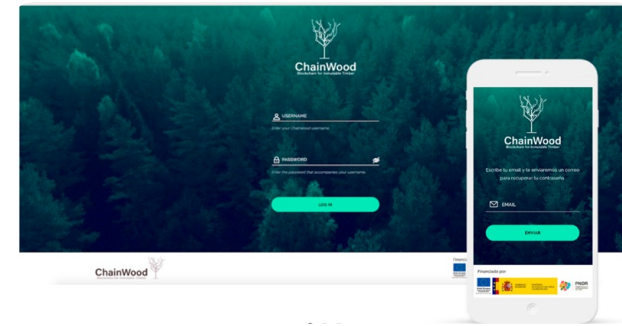


ChainWood | Blockchain for immutable timber



ChainWood operational group combines capabilities of the timber and forestry sector with companies and technology centers for the development of software based on blockchain and IoT technology that will contribute to improve traceability, competitiveness and efficiency in the sector.

The objective of the ChainWood project is to design and develop a secure software infrastructure based on blockchain and Internet of Things technologies, adjusted to all wood supply chains, allowing the different actors to make the most of their data and manage the product in a more efficient way in terms of cost, traceability and sustainability. The main solutions to problems detected are: transaction assurance, Real-time trusted information, Semi-automation of the operation, Accessible quality data, Improved competition.

Recommendations:

- For producers: Real-time information on the volume and status of the product.
- For the processing industry: Access to a huge source of raw material data that will allow them to optimize their supply processes and streamline the management of their operations.
- For operating companies: Transparency and assurance in transactions, making the most of today's technology.
- For control authorities: Cost reduction in auditing and control processes, as well as a more precise knowledge of supply chains.
- For logistics companies: Information that will enable them to optimize their fleet and provide services more efficiently.
- For public administrations: Easier access to timber data, allowing a more agile and efficient management of the processes they supervise.

DETALJI

PODRIJETLO DRVA

Šuma

VRSTA DRVA

--

ODGOVARAJUĆA VRSTA DRVA

Timber, roundwood

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

The impact is high in a positive way because smarter solutions can be performed with the best impact in the environment and subsequently for biodiversity

UČINAK NA PRIHOD

Positive

POTENCIJAL ISKORISTIVOSTI

High

SREDIŠTE

Jugozapadno čvorište

GOSPODARSKI UČINAK

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

Very high, as this tool provides the necessary information in a secure way to improve and increase the mobilization of wood

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

Vrlo pozitivno

JEDNOSTAVNOST PROVEDBE

Very easy, and person with basic knowledge in modern technology devices can use ChainWood

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

Lako

KLJUČNI PREDUVJETI

Digitalization

VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

--

UČINAK NA ZAPOSŁJIVOST

Good

TROŠKOVI PROVEDBE (EURO - €)

The planning of a company or forest owner will be more accurate, therefore, --
this will turn into better economic results

POTREBNA POSEBNA ZNANJA

IT knowledge

VIŠE DETALJA

IZAZOV

5. Unaprjeđenje učinkovitosti lanca opskrbe šumom na gospodarstvo i okoliš

KLJUČNE RIJEČI

blockchain; Internet of Things

ZEMLJA PODRIJETLA

Španjolska

DOMENA

Popis, procjena, praćenje
Proizvodi, tržišta, razmjena

DIGITALNO RJEŠENJE

Da

PODRUČJE PRIMJENE

Nacionalna

VRSTA RJEŠENJA

Alati za praćenje

INOVACIJA

Da

POČETAK I KRAJ GODINE

2018 - 2020

KONTAKT PODATCI

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REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

<https://www.chainwood.eu/>

WEB STRANICA PROJEKTA

<https://www.fmc-galicia.com/>

REFERENCA PROJEKTA

FEADER

IZVORI

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ChainWood
Blockchain for Inmutable Timber



PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

12 srp 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

