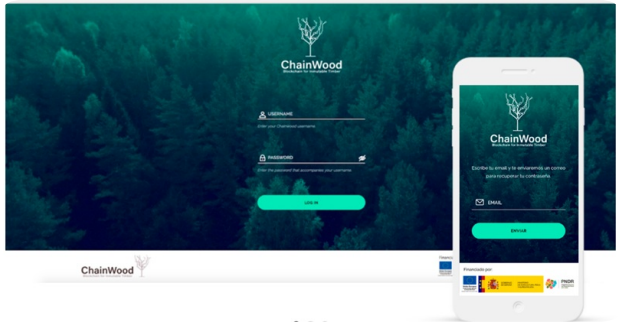
ChainWood | Blockchain for inmutable timber



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 tools 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 knoledge in modern technology devices can use ChainWood

JEDNOSTAVNOST PROVEDBE - EVALUACIJA
Lako

KLJUČNI PREDUVJETI
Digitalization

VRSTA DOGAđAJA NA KOJEM JE PRIKAZAN OVAJ BPI
--

UČINAK NA ZAPOŠLJIVOST
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

DOMENA

Popis, procjena, praćenje

Proizvodi, tržišta, razmjena

VRSTA RJEŠENJA

Alati za praćenje

KLJUČNE RIJEČI

blockchain; Internet of Things

DIGITALNO RJEŠENJE

Da

INOVACIJA

Da

ZEMLJA PODRIJETLA

Španjolska

PODRUČJE PRIMJENE

Nacionalna

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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LOGO PRIMJERA DOBRE PRAKSE

LOGO GLAVNE ORGANIZACIJE

ChainWood
Blockchain for Inmutable Timber

PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

12 srp 2021

ROSEWOOD 4.0 Sustainable Wood for Europe

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

cesefor
Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León

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