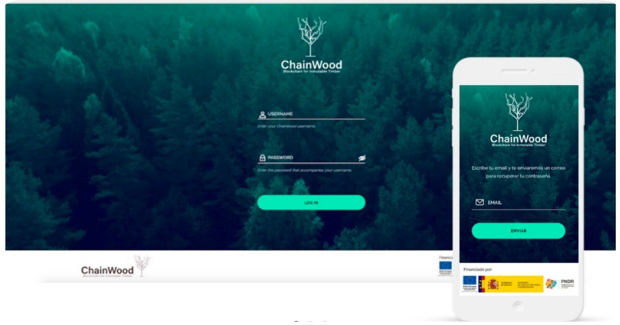
ChainWood | Blockchain for inmutable timber



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.

DETALJER

VEDENS URSPRUNG
Skog

TRäTYP
--

TYP AV TRä
Timber, roundwood

PåVERKAN På MILJö & BIOLOGISK MåNGFALD
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

EKONOMISK EFFEKT
Positive

KOMMERSIELL POTENTIAL
High

NAV
Sydvästra centrumet

EKONOMISK PåVERKAN

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

HåLLBARHETS POTENTIAL - VäRDE
Mycket positiv

ENKEL IMPLEMENTERING
Very easy, and person with basic knoledge in modern technology devices can use ChainWood

ENKEL IMPLEMENTERING - UTVäRDERING
Enkelt

NYCKEL FöRUTSäTTNINGAR
Digitalization

TYP AV EVENEMANG DäR DENNA BPI HAR PRESENTERATS
--

EFFEKT ANTAL ANSTäLLDA
Good

KOSTNADER FöR IMPLEMENTERING (EURO - €)

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

SPECIFIKA KUNSKAPSBEHOV

IT knowledge

MER INFORMATION

UTMANING SOM ADRESSERAS

5. Förbättra ekonomisk och miljömässig prestanda för skogsförsörjningskedjor

NYCKELORD

blockchain; Internet of Things

UPPHOVSLAND

Spanien

DOMäN

Inventering, värdering, övervakning

Produkter, marknad, handel

DIGITAL LöSNING

Ja

POTENTIAL

Nationell

TYPE AV LöSNING

Spårningsverktyg

INNOVASION

Ja

START OCH SLUTåR

2018 - 2020

KONTAKT INFORMASION

ÄGARE ELLER FöRFATTARE

FMC Forestal

Jesús Martínez

jesus.martinez@fmc-galicia.com

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

RAPPORTöR

Cesefor Foundation

Ángela García

angela.garcia@cesefor.com

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

https://www.chainwood.eu/

PROJEKTETS HEMSIDA

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

PROJEKTREFERENS

FEADER

RESURSER

--

LOGO FöR BEST PRACTICE

ChainWood
Blockchain for Inmutable Timber

LOGO, HUVUDORGANISATION

PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood 4.0

DATUM FöR INLäGG

12 jul 2021

ROSEWOOD 4.0 Sustainable Wood for Europe

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

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