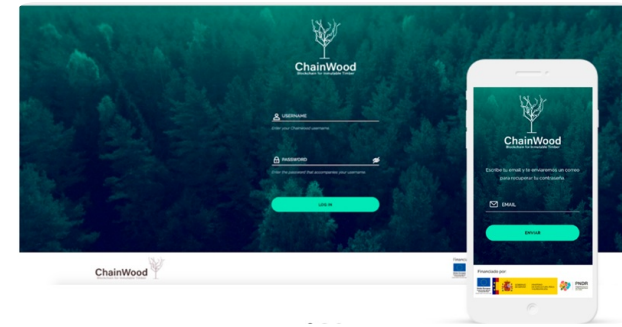


# ChainWood | Blockchain for immutable timber



*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.

## PODROBNOSTI

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### PÔVOD DREVA

Les

### DRUH DREVA

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### UVAŽOVANÝ DRUH DREVA

Timber, roundwood

### VPLYV NA ŽIVOTNÉ PROSTREDIE A BIODIVERZITU

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

### DOPAD NA PRÍJMY

Positive

### POTENCIÁL VYUŽITIA

High

### ROZBOČOVAČ

Juhozápadné centrum

### EKONOMICKÝ VPLYV

### MOBILIZAČNÝ POTENCIÁL

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

### POTENCIÁL UDRŽATEĽNOSTI - HODNOTA

Veľmi pozitívne

### UĽAHČENIE IMPLEMENTÁCIE

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

### UĽAHČENIE IMPLEMENTÁCIE - HODNOTENIE

Easy

### Kľúčové PREPOKLADY

Digitalization

### TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANÝ

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### DOPAD NA ZAMESTNANOSŤ

Good

### NÁKLADY NA IMPLEMENTÁCIU (EURO - €)

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

**POTREBA ŠPECIFICKÝCH ZNALOSTÍ**

IT knowledge

## VIAC INFORMÁCIÍ

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### RIEŠENÁ VÝZVA

5. Zlepšenie hospodárskej a environmentálnej výkonnosti dodávateľských reťazcov v lesníctve

### Kľúčové SLOVá

blockchain; Internet of Things

### KRAJINA PôVODU

Španielsko

### DOMAIN

Inventarizácia, posudzovanie, monitoring/monitorovanie

Produkty, trhy, obchod

### DIGITALNE RIEŠENIE

áno

### ROZSAH APLIKÁCIE

Národný

### TYP RIEŠENIA

Nástroje na vysledovateľnosť

### INOVÁCIE

Áno

### ZAČIATOK A KONIEC ROKA

2018 - 2020

## KONTAKTNÉ ÚDAJE

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## REFERENCES AND RESOURCES

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### HLAVNÁ WEBSTRÁNKA

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

### PROJEKTOVÁ WEBSTRÁNKA

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

### REFERENCIA PROJEKTU

FEADER

### ZDROJE

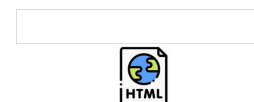
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**ChainWood**  
Blockchain for Inmutable Timber



PROJEKT, V RÁMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ  
Rosewood 4.0

DÁTUM ODOSLANIA  
12 júl 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

