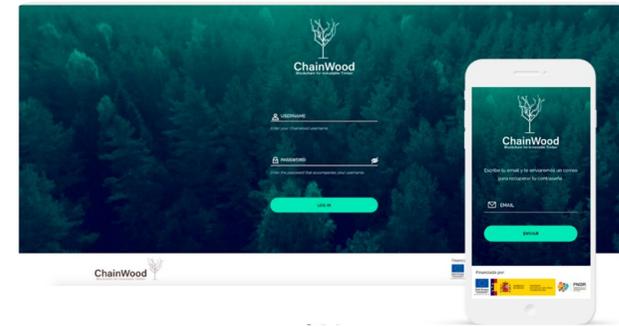


# ChainWood | Blockchain for immutable timber



*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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### IZVOR LESA

Gozd

### TIP LESA

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### VRSTA OBRAVNAVANEGA LESA

Timber, roundwood

### VPLIV NA OKOLJE IN BIODIVERZITETO

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

### VPLIV NA PRIHODKE

Positive

### POTENCIAL IZKORIŠČANJA

High

### VOZLIŠČE

Jugozahodno vozlišče

### GOSPODARSKI VPLIV

### POTENCIAL ZA MOBILIZACIJO

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

### TRAJNOST - VREDNOST

Zelo pozitivno

### ENOSTAVNOST IZVEDBE

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

### ENOSTAVNOST IZVEDBE - OCENJEVANJE

Enostavno

### KLJUČNI PREDPOGOJI

Digitalization

### VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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### VPLIV NA DELOVNA MESTA

Good

### STROŠKI IZVEDBE (EURO - €)

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

**POTREBNO SPECIFIČNO ZNANJE**

IT knowledge

## VEČ PODROBNOSTI

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### IZZIV

5. Izboljšanje gospodarske in ekološke učinkovitosti gozdne oskrbovalne verige

### DOMENA

Inventura, ocena, monitoring  
Izdelki, trg, prodaja

### TIP REŠITVE

Sledljivost

### KLJUČNE BESEDE

blockchain; Internet of Things

### DIGITALNE REŠITVE

Da

### INOVACIJA

Da

### IZVORNA DRŽAVA

Španija

### OBSEG UPORABE

Nacionalni

### ZAČETNO IN KONČNO LETO

2018 - 2020

## KONTAKTNI PODATKI

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## REFERENCES AND RESOURCES

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### SPLETNA STRAN

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

### SPLETNA STRAN PROJEKTA

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

### REFERENCA PROJEKTA

FEADER

### VIRI

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# ChainWood

Blockchain for Inmutable Timber



PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

12 Jul 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

