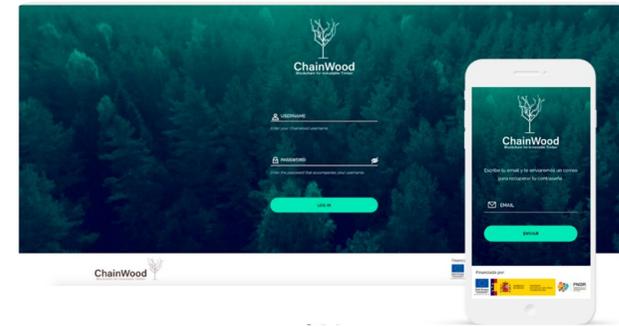


# ChainWood | Blockchain for immutable timber



*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.

## DETALJER

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### VEDENS URSPRUNG

Skog

### TRÄTYP

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### 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 tool 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 knowledge in modern technology devices can use ChainWood

### ENKEL IMPLEMENTERING - UTVÄRDERING

Enkelt

### NYCKEL FÖRUTSÄTTNINGAR

Digitalization

### TYP AV EVENEMANG DÄR DENNA BPI HAR PRESENTERATS

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### 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

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### 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 INFORMATION

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### ÄGARE ELLER FÖRFATTARE

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### RAPPORTÖR

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## REFERENCES AND RESOURCES

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### HEMSIDA (HUVUDSIDA)

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

### PROJEKTETS HEMSIDA

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

### PROJEKTFERENS

FEADER

### RESURSER

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**ChainWood**  
Blockchain for Inmutable Timber



PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood 4.0

DATUM FÖR INLÄGG

12 jul 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

