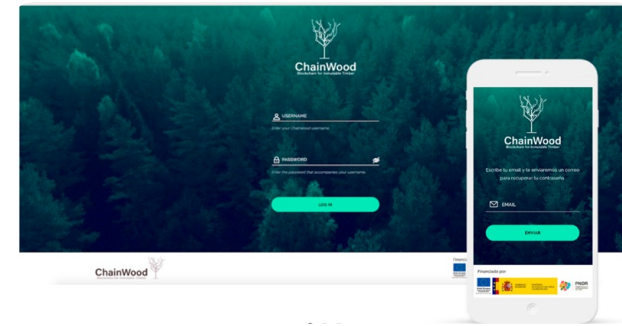


# ChainWood | Blockchain for immutable timber



*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.

## DETAILS

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### HERKUNFT DES HOLZES

Wald

### ART DES HOLZES

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### ART DES BETROFFENEN HOLZES

Timber, roundwood

### AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITÄT

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

### EINKOMMENSEFFEKT

Positive

### VERWERTUNGSPOTENZIAL

High

### NABE

Drehkreuz Süd-West

### WIRTSCHAFTLICHE AUSWIRKUNGEN

### MOBILISIERUNGSPOTENZIAL

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

### POTENZIAL FÜR NACHHALTIGKEIT - WERT

Sehr positiv

### LEICHTE IMPLEMENTIERUNG

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

### LEICHTE IMPLEMENTIERUNG - BEWERTUNG

Einfach

### WICHTIGE VORAUSSETZUNGEN

Digitalization

### ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

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### ARBEITSPLATZEFFEKT

Good

### KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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

**SPEZIFISCHES WISSEN ERFORDERLICH**

IT knowledge

## MEHR DETAILS

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### ANGESPROCHENE HERAUSFORDERUNG

5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten

### SCHLÜSSELWÖRTER

blockchain; Internet of Things

### HERKUNFTSLAND

Spanien

### DOMÄNE

Bestandsaufnahme, Bewertung, Überwachung  
Produkte, Märkte, Handel

### DIGITALE LÖSUNG

Ja

### UMFANG DER ANWENDUNG

National

### ART DER LÖSUNG

Rückverfolgbarkeitstools

### INNOVATION

Ja

### ANFANGS- UND ENDJAHR

2018 - 2020

## KONTAKTDATEN

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## REFERENCES AND RESOURCES

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### HAUPT-WEBSITE

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

### PROJEKT-WEBSITE

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

### PROJEKT-REFERENZ

FEADER

### RESSOURCEN

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LOGO DER BEST PRACTICE

LOGO DER HAUPTORGANISATION

**ChainWood**  
Blockchain for Inmutable Timber



PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

12 Juli 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

