

# Social and economic impacts of gem harvesting in resinous silviculture. Strengthening ecosystem services of gemma on forest valuation in France, Spain

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[www.sust-forest.eu](http://www.sust-forest.eu)

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# Background

- Since the end of the last century: deep crisis (several public and private initiatives to maintain hope)
- Sustforest (2010): France, Spain and Portugal stand together to tackle a complex problem: the impact of the global economy on our forest resources, our sources of rural employment and our high added value products.
- SustForest Plus is co - funded by the Sudoe Interreg Program through the **European Regional Development Fund (ERDF)**. It was a milestone for the European resin sector and it laid the foundations for a genuine transnational cooperation, necessary to defend the European resins' interests.



# Objectives

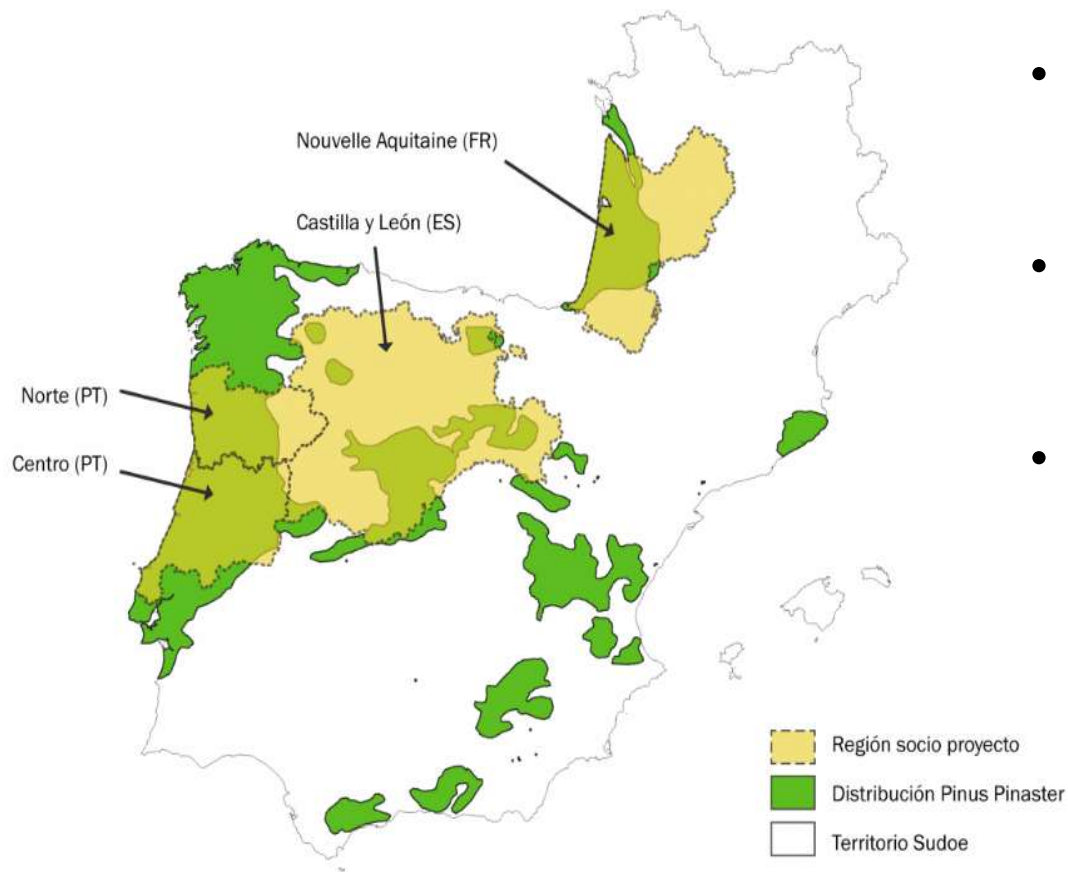
- Mobilize the European resin resource to provide a stable supply to the local industry.
- Improve job quality of resin workers, thus generating stable and quality employment in rural areas of Southwestern Europe.
- Expand markets of derived products through commercial and technological promotion of the natural resin produced in the forests of Southwest Europe as a social, economic and environmental sustainable resource, within the new bio economy promoted by the European Union.





# Actions

## 1. Resin-producing territory



- Create the European Network of Resin Territories
- Develop a Strategy for the European Natural Resin
- Design strategic tools (Resin production models, Network of permanent plots for resin experimentation, maps of potential of resin extraction etc)

Map: The resiner pine in Sudoe territory

# Actions

## 2. Resin workers

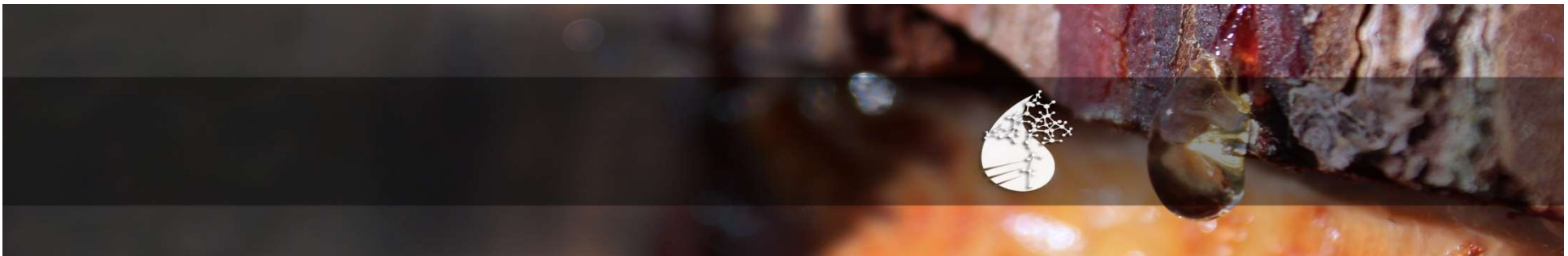
- Sociological study of the European resin working population
- Institutional support system for the extraction of natural resins
- Study of positive externalities generated by the resin activity within the framework of the EU Common Agricultural Policy
- **Manual for integration of the resin extraction in the defense system against forest fires**
- **Social innovation program for resin workers**
- Study of success stories
- Module for the resin entrepreneurship and cooperatives
- Activity mechanization
- Progress in stimulants
- Technical characterization of traditional tools



# Actions

## 3.The European natural resin

- European natural resin value chain analysis
- European natural resin carbon balance evaluation
- Basis for the creation of an European natural resin label
- Web/Android traceability system for natural resin
- International natural resin trade analysis tool



# The project INCREDIBLE

« Innovation Networks of Cork, Resins and Edibles in the Mediterranean basin »

## Objectives:

- Create and animate interregional and multi-factor innovation Networks
- Speed up knowledge uptake to support innovation in NWFPs (Non-Wood Forest Products)
- Contribute to social and business innovation through dissemination and targeted outreach activities and specific multipliers



# INCREDIBLE: factsheets

## Four directions

- **RESOURCE MODELLING IN A CONTEXT OF CLIMATE CHANGE**
- **PROGRESS IN THE COMPATIBILITY OF RESIN HARVESTING WITH OTHER FOREST USES**
- **IMPROVEMENT OF THE WORKING CONDITIONS OF THE RESIN TAPPERS**
- **MARKET DEVELOPMENT THROUGH IMPROVED COMPETITIVENESS WITH OIL-BASED ANALOGUES AND THROUGH THE DEVELOPMENT OF NEW PRODUCTS**



# Thank you for your attention

**Interreg  
Sudoe**

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