

“Resin resource monitoring & modelling in a context of climate change”

Inter-regional workshop INIA Madrid

January 21/22, 2019

Resin tapping in Castilla y León: Keys of a success story

Javier Ezquerra & Alvaro Picardo
Junta de Castilla y León (Spain)

Coordinator



Partners



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www.incredibleforest.net
info@incredibleforest.net

Castilla y León: a success story

Here we are...

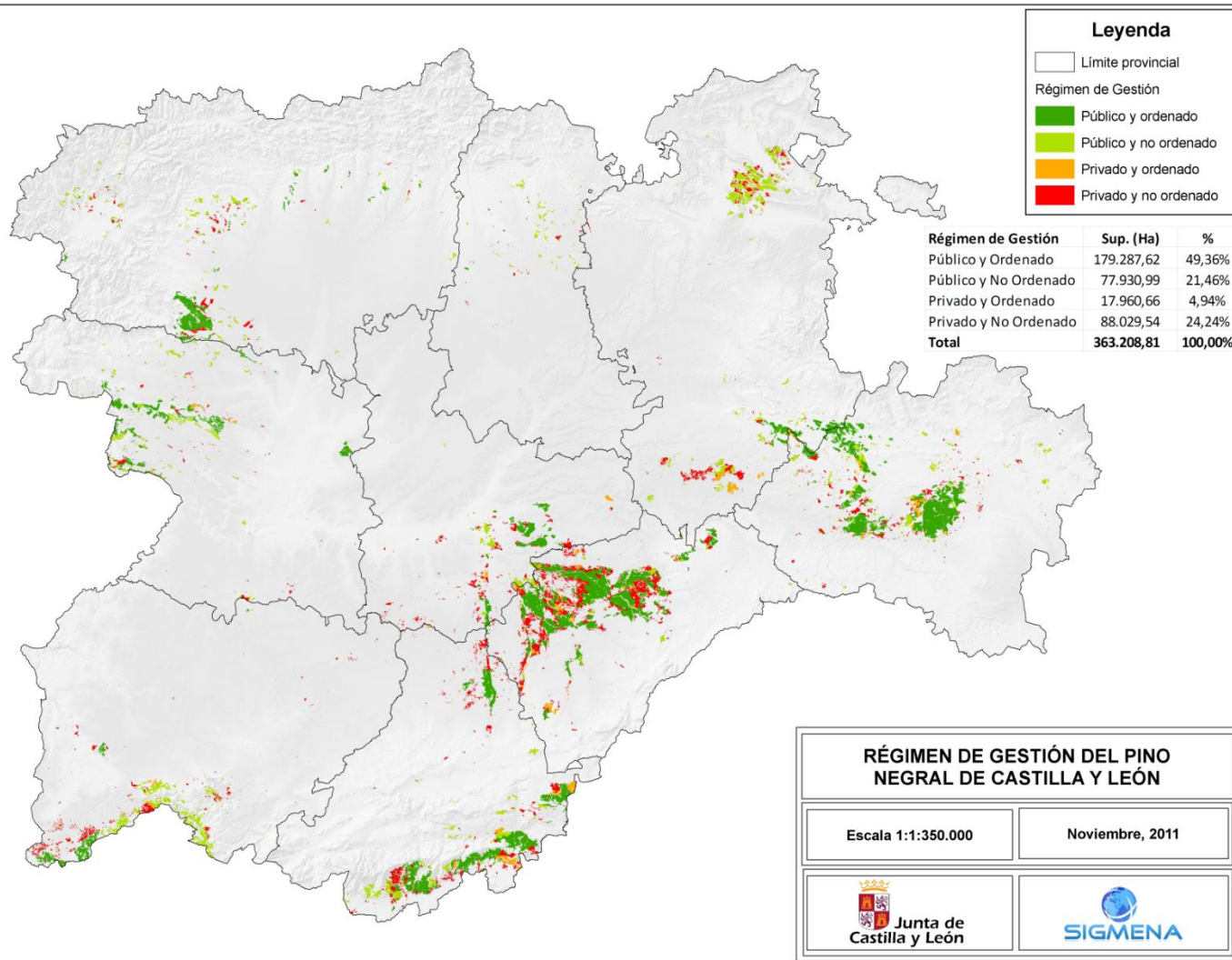


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Castilla y León: a success story

And here
are our
*Pinus
pinaster*
forests



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Castilla y León: a success story

First of all...

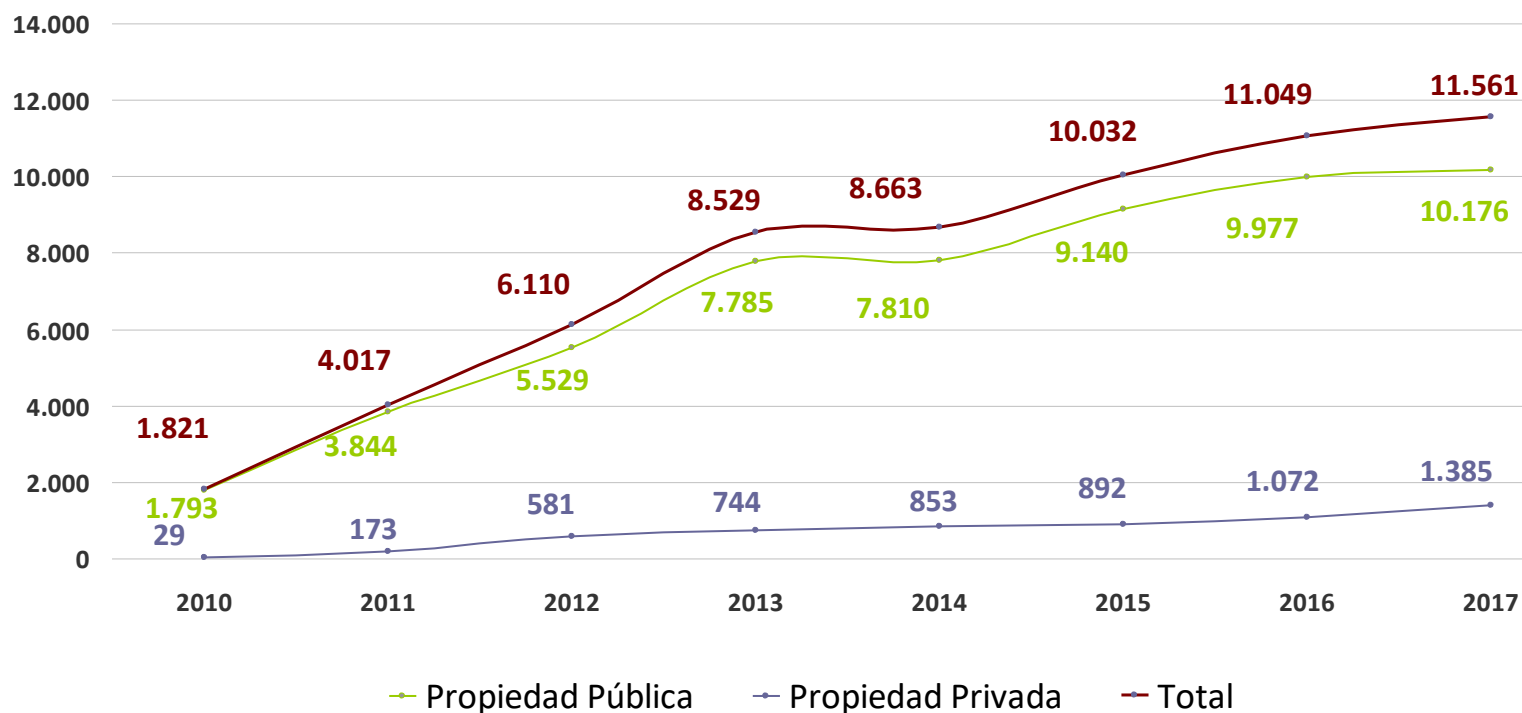
Could we (really) speak about success?

Let's see... from 2008 to 2018:

- less than 2,000 to almost 12,000 Tn yield
- less than 100 to more than 1,000 workers
- 300,000 to 3,200,000 tapped pines
- 3 to 7 industrial plants
- <20,000 to >120.000 hectares of managed pine forests for resin

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Rosin yield in Castilla y León (Tn)



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Then...

**What has happened after the
catastrophic decay on 90's?**

What milestones could we point out?

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Previous compromises:

1.-Municipality of Coca (province of Segovia) political commitment:
1998 Agreement on local resin production

- With resin workers (Rincón de la Vega)
- With industry (LURESA)

http://www.premioconama.org/premios11/premios/proyectos_popup.php?id=46

2.-Junta de Castilla y León technical commitment,
specially from *Segovia Forest Service*

that maintained the activity, with a minimum production,
the know-how

Castilla y León: a success story

3.-JCyL & CESEFOR 2005 project to recover resin production

4.-Renewed regional political commitment:

Regional Parliament Motion on Resin of 17/06/2010 (PNL-1247)

[http://www.ccyL.es/Publicaciones/TextoEntradaDiario?Legislatura=7&SeriePublicacion=DS\(P\)&NumeroPublicacion=102](http://www.ccyL.es/Publicaciones/TextoEntradaDiario?Legislatura=7&SeriePublicacion=DS(P)&NumeroPublicacion=102)

5.-New industrial interest,

**following the rosin market crisis of 2008-2010,
due to Chinese production break down**

Resinas Naturales built a new plant in Cuéllar (Sg) in 2011

http://www.eladelantado.com/segovia/resineros_de_vuelta_al_pinar/

6.-High unemployment levels due to the economic crisis

All factors aligned . . . and the sector responded !

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But...

What about the main keys that have been possible this renaissance?

(Of course, an opinion... and without order of importance)

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1. Keeping the tradition, the people, the know-how, the encouragement... and wanting to innovate for improving

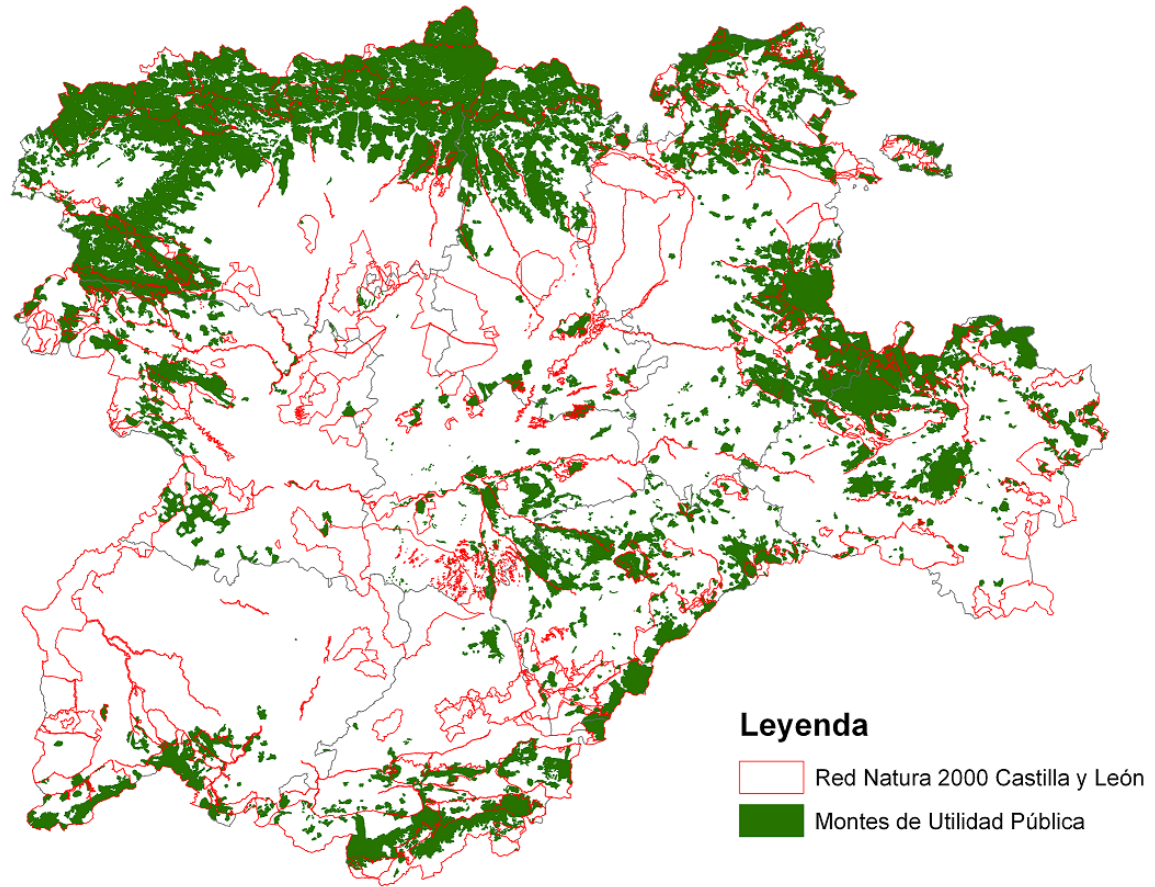


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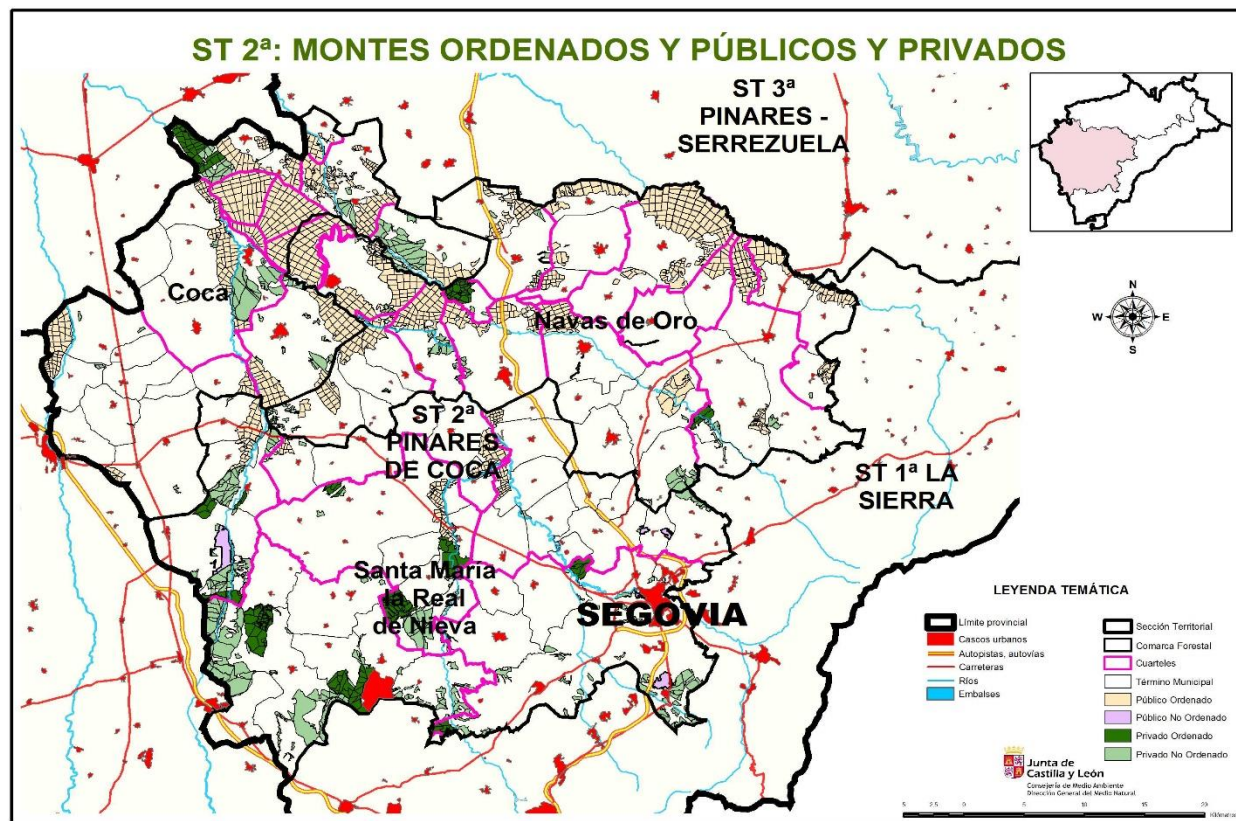
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2. Quite a large extension of public owned and public managed lands



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3. An intense management scheme from more than one century, based on engineers and rangers



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- 4. The essential investment (and bet) from the companies (mainly industries)**
- 5. The wide scope and the aim to cooperate and to establish links (rosin round table)**
- 6. An special socioeconomic conjuncture derived from crisis**
- 7. And of course rising of prices (global market)!**

Threats and challenges

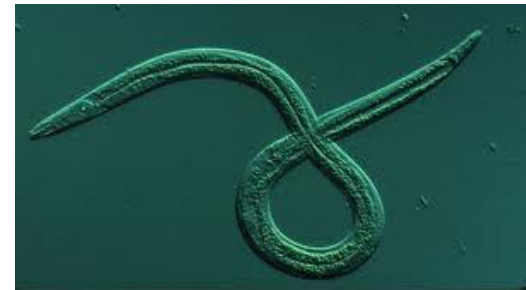
**1.-The health status of pine forests
(decay and nematode)**

2.-Forest fires

3.-Forest species composition change

4. Changes in prices

5. Socioeconomical unsustainability



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Main uncertainties

- 1.-International market prices: Oil market and Tall Oil**
- 2.-New technologies and alternative harvest systems**
- 3.-Resin tappers working conditions:
Contracts for November to February**

**Could we increase production
significantly?**

Castilla y León: a **success(?)** story

So... again... last of all...

Could we (really) speak about success?

Let's see...

- **Unsustainable working conditions**
- **Reaction against modernization**
- **Absolut dependece from global prices**
- **Reasonable doubts about the future status of *P.pinaster* forests**

Thanks a lot for your attention !

ezqbotfr@jcyl.es

picnieal@jcyl.es

Coordinator



Partners



Forestas

Agencia forestale regionale pro s'istitu de su territoriu a de s'ambiente de sa Sardigna
Agencia forestale regionale pro lo sviluppo del territoriu e dell'ambiente della Sardegna
SardegnaForeste



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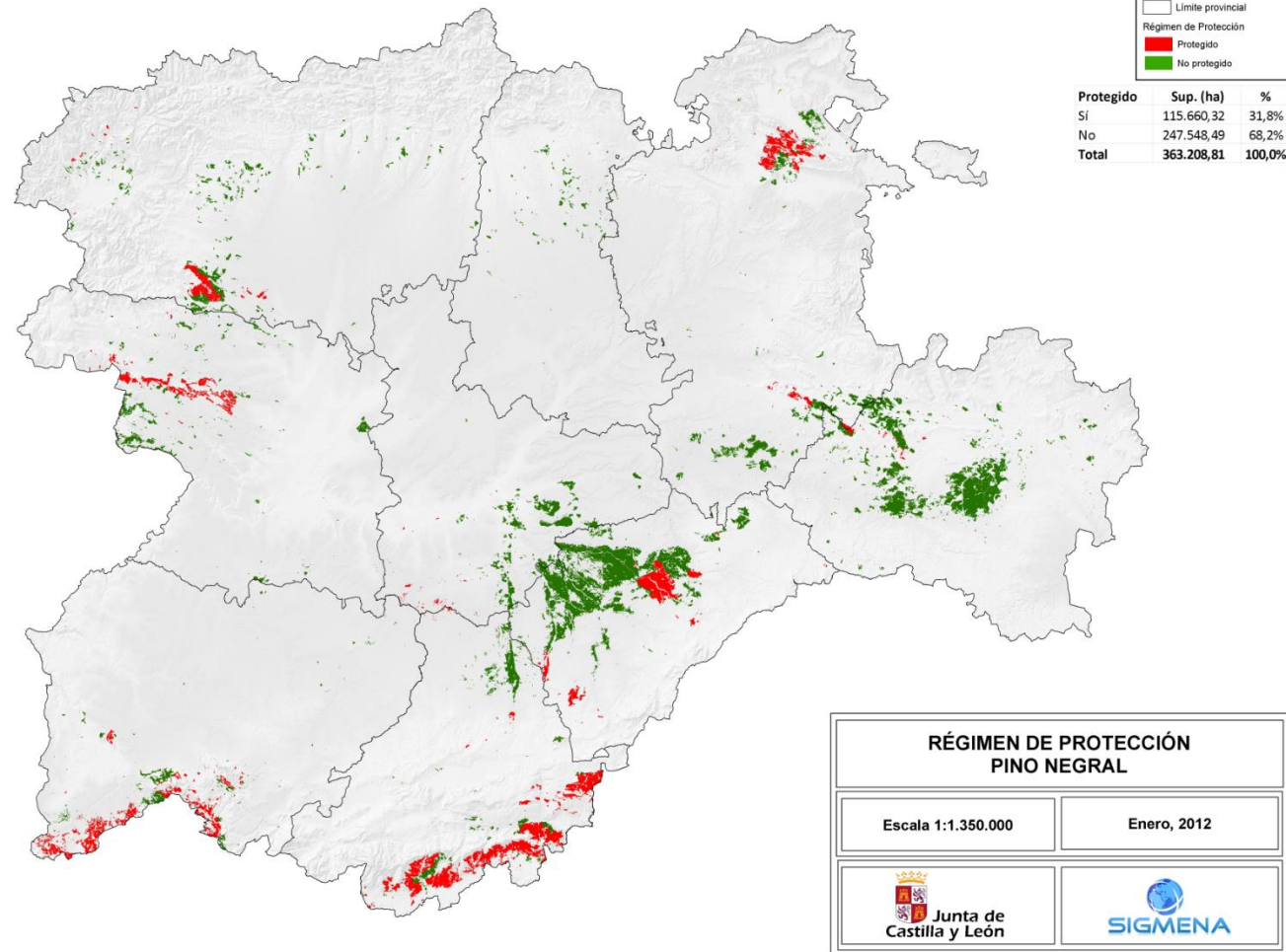
Data needs

We need an agreement on **Productivity levels**

Productivity level per tree		per hectare	per worker
Very high	> 3,5	> 450	> 20.000
High	3,0-3,5	350-450	15.000-20.000
Medium	2,5-3,0	250-350	10.000-15.000
Low	< 2,5	< 250	< 10.000
Unit	kg/tree/year	kg/ha/year	kg/worker/year

Data needs

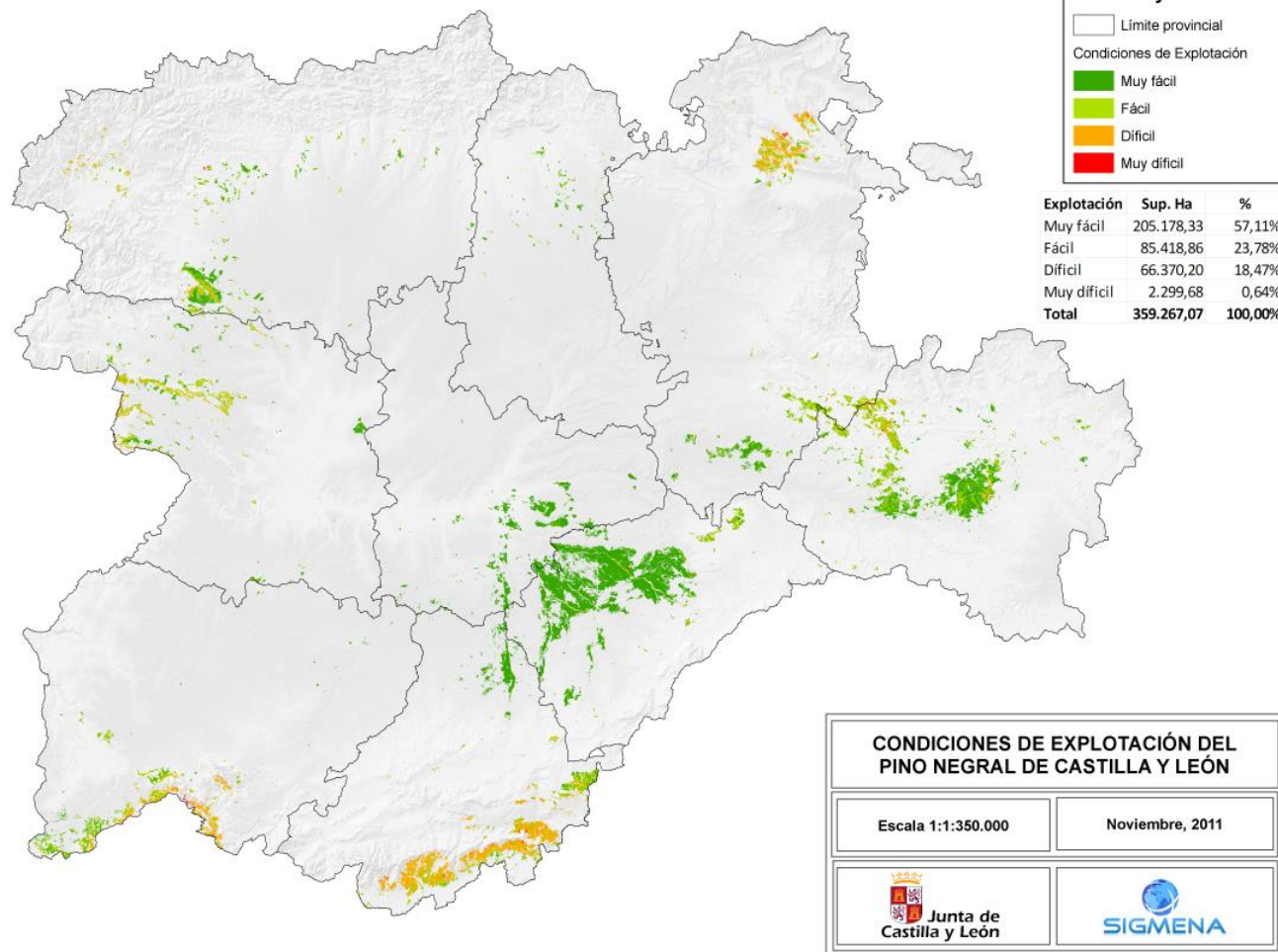
- Cartography & Statistics



Pine forests protection regime in Castilla y León

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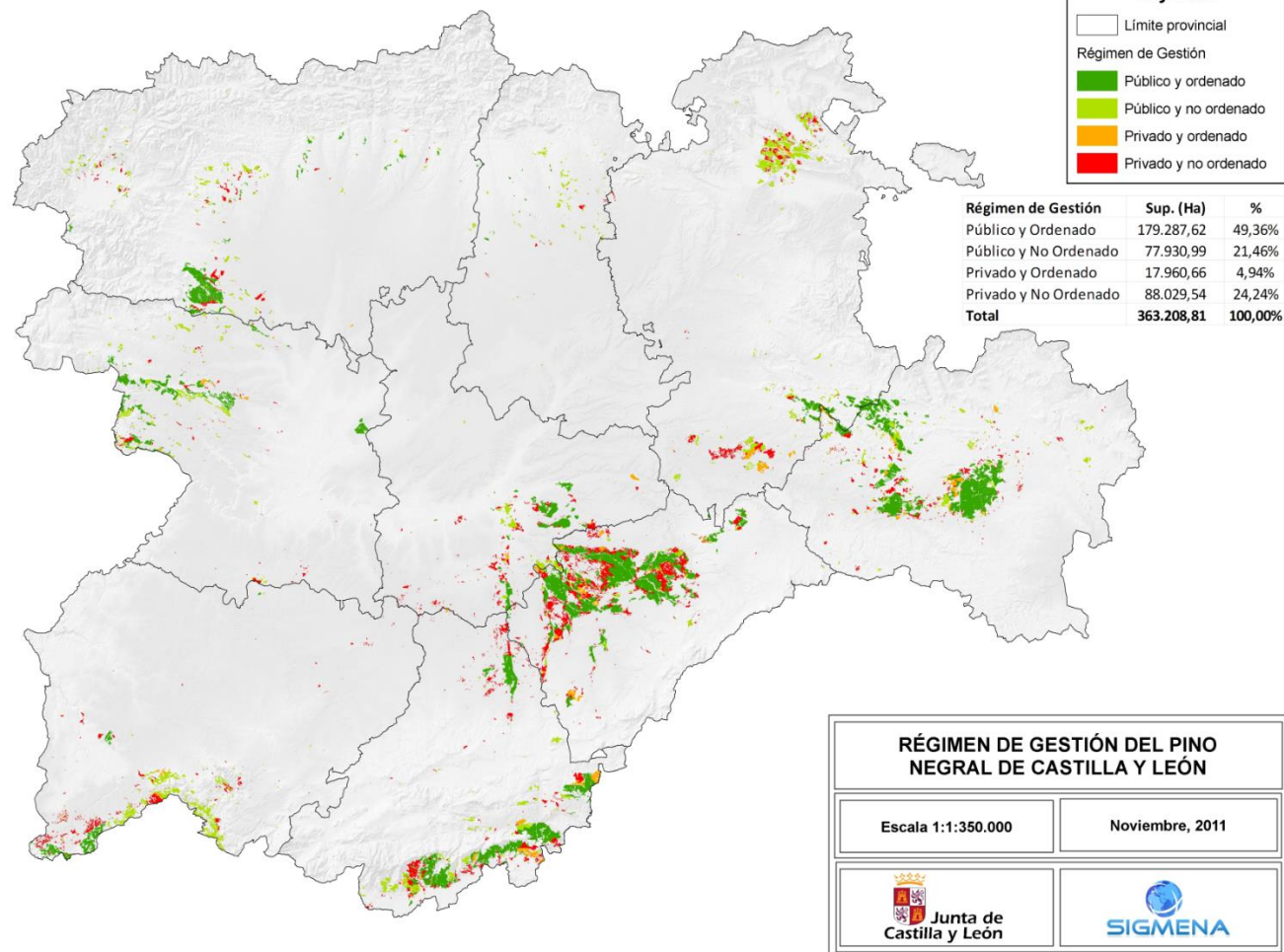
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Pine forests production conditions in Castilla y León

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Pine forests management regime in Castilla y León

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The screenshot shows a web browser window displaying the website www.resinacy.es/webs-publicaciones. The page features a navigation bar with the following links: LA RESINA NATURAL, EL SECTOR RESINERO, EL MERCADO, INNOVACIÓN, DOCUMENTACIÓN, HERRAMIENTAS, and NOTICIAS. The main content area displays two publications:

- Actas II Simposio Internacional de Resinas Naturales**
 - Autor/es: Ministerio de Agricultura, Alimentación y Medio Ambiente.
 - Año: 2013
 - Tipo: Publicación
 - Etiquetas: simposio
- La resina: Herramienta de conservación de nuestros pinares**
 - Autor/es: Félix M. Pinillos Herrero, Álvaro Picardo Nieto, Miguel Allué-Andrade Camacho, Elena Soria, Adoración Sanz
 - Año: 2009
 - Tipo: Publicación
 - Etiquetas: Junta de Castilla y León

On the right side of the page, there are three vertical banners with the text "aden" and the following subtitles:

- El aprovechamiento resinero
- La cadena de valor de la resina natural
- La Mesa de la Resina de Castilla y León

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