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Innovation Networks for Cork, Resins & Edibles

"Resin resource monitoring & modelling in a context of climate change"

Madrid, January 21/22, 2019

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Organized by:

INIA, Madrid (Spain)

iNet

Interregional Workshop

"Resin resource monitoring & modelling in a context of climate change"

Introduction: This two-day event combines a seminar about the state of art and the sector's requests. Multi-actor sessions will be animated by innovation facilitators, to cover the first of the identified **iNet Priorities** related to sustainable production of natural resin from Mediterranean forests, **Resource modelling in a context of climate change**. It has been retitled **Long term resource availability in a context of global change**, switching focus from science tools to more practical issues. The quality and relevance of delivered knowledge will be collectively assessed, priorities and future activities will be identified.

Addressed to: Forestry modelers, Resin sector enterprises and stakeholders, Decision makers

Venue: INIA, National Institute for Agricultural and Food Research and Technology
Crta. La Coruña km 7,5, 28040 Madrid (Spain)

Language: English

Objectives to be reached:

A. Participants:

1- are familiar with INCREdible network and objectives;

2- have a grip on resin resource availability and potential in the different countries;

3- are aware of the main threats & challenges for resin tapping in pine forests;

4- know about the state of art, potential and requirements of forest modelling for resin production;

5- agree on the needs and challenges of the resin sector that forest inventories models can respond.

B. Resin iNet questions directly targeted:

10 - What is the potential for resin production in each region?

12 - In a context of global change, will the geographical area and productivity of the maritime pine change?

PROGRAMME

Monday, January 21, 2019	
11:00	**Register of participants**
12:00	**Opening session** *Welcome by the Director of INIA* Esther Esteban Rodrigo *INCREdible, the thematic network on Mediterranean NWFP* Sven Mutke, INIA-iuFOR *Objectives and structure of the workshop* Javier Calvo, CESEFOR / Ricardo Alía, INIA-iuFOR

Session 1. Resin production from pine forests: resources, inventory and monitoring – where are we?	
12:30	*Portuguese resin traceability & statistics (SiResin)* Paula Soares, ISA-U.Lisboa
12:45	*Resin in Spanish National Forest Inventory & statistics* Elena Robla / Iciar Alberdi, MAPAMA/INIA
13:00	*Potential of French maritime pine forests for resin production* Christophe Orazio, EFI
13:30	**Lunch**
14:30	*Resin tapping in Castilla y León –keys of a success story* Javier Ezquerra / Álvaro Picardo, Junta de Castilla y León
14:45	*Development of a web/Android app for resin traceability* Javier Calvo, CESEFOR/SustForest Plus
15:00	*Pine forests in Tunisia – an opportunity for local employment in resin production?* Ibtissem Taghouti / Mokhtar Baraket, INRGREF
15:15	*Panel Discussion*
16:00	**Coffee break**
16:30-18:00	*Group work*

Tuesday, January 22, 2019

Session 2. Threats & challenges for resin tapping in pine forests – what are we facing?	
09:00	*Climate change and forest resilience – maritime pine decline at southern Guadarrama* Guillermo Gea / Dario Martín Benito, INIA
09:15	*Maritime pine decline in Northern Castile, droughts and implied pathogens* Julio Diez Casero, iuFOR-U. Valladolid
09:30	*Rural abandonment and evolution towards megafires – a rural renaissance needed?* Conceição Colaço, ISA-ULisboa
09:45	*Panel Discussion*

Session 3. Resin yield data & models, a support for resource mobilisation – what can science tell us?	
10:00	*Which resin yield data and models do the resin sector need?* Mariana Ferreira, LURESA Resinas
10:15	*What information is needed for market and profitability analysis of resin tapping systems?* Christophe Orazio / Armand Clopeau, EFI / SustForest Plus project
10:30	*SustForest Lab & sampling protocols for Maritime pine resin as forest resource* Ricardo Alía, INIA-iuFOR
10:45	*Growth and yield models for Maritime pine and its resin yield* Felipe Bravo, UVa-iuFOR

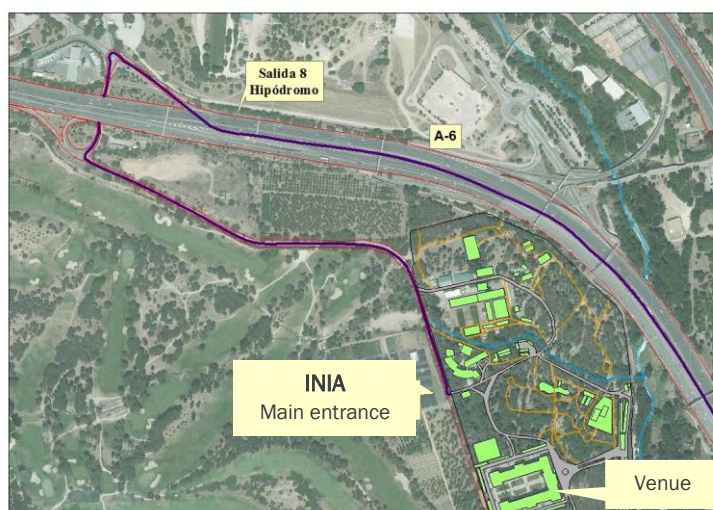|	
11:00	**Coffee break**
Tuesday, 22 11:30	*Climate and soil factors influencing individual tree resin yield* Aida Rodriguez, UPM
11:45	*Process based models for resource monitoring in* Pinus pinaster Marta Gonzalez García, CETEMAS
12:00	*Remote sensing approaches to forest resource inventories for resin yield modelling* Rafael Alonso, föra
12:15	*Panel Discussion*
12:30	*Group work*
13:30	**Lunch**
Final Session. Needs and challenges for the sector that forest models can respond.	
14:30	*Group work*
16:00	*Plenary Session*
16:30	**Closure**
17:00-18:30	*[SustForestPlus – internal project coordination meeting]*

Practical information

Travel information

Madrid as capital is located in the centre of Spain and can be reached easily by train, bus or plane (Airport Madrid-Barajas Adolfo Suárez, MAD).

The workshop venue is the National Institute for Agricultural and Food Research and Technology (www.inia.es)

INIA, Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria

Carretera de La Coruña km 7,5, 28040 Madrid (N 40° 27' 18"; W 03° 44' 55", A6 highway exit **km 8 "Hipódromo"**)

Contact and registration

Please contact INIA-CIFOR secretariat seccifor@inia.es, reference "Resin workshop"