

Innovation networks on Mediterranean Non Wood Forest Products

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[...the INCREDible network team]





Corradini et al (2015)



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..for instance, in Bursa

- Chestnuts as key species for the region
"Bursa is the most famous city for chestnut, there are many chestnut producers and processors in the area: they obtain many products like chestnut sugar and flour."

StarTree Project Deliverable D3.2,

- ...but there are also bay leaves, lime flowers, pine nuts, etc.

StarTree Project Deliverable D2.1,



Multipurpose trees and non-wood forest products, a challenge and opportunity

www.star-tree.eu

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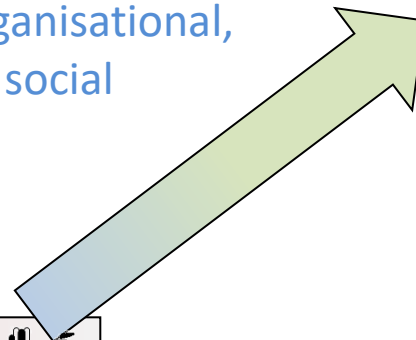


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SMART INNOVATION
technological, organisational,
regulatory, social



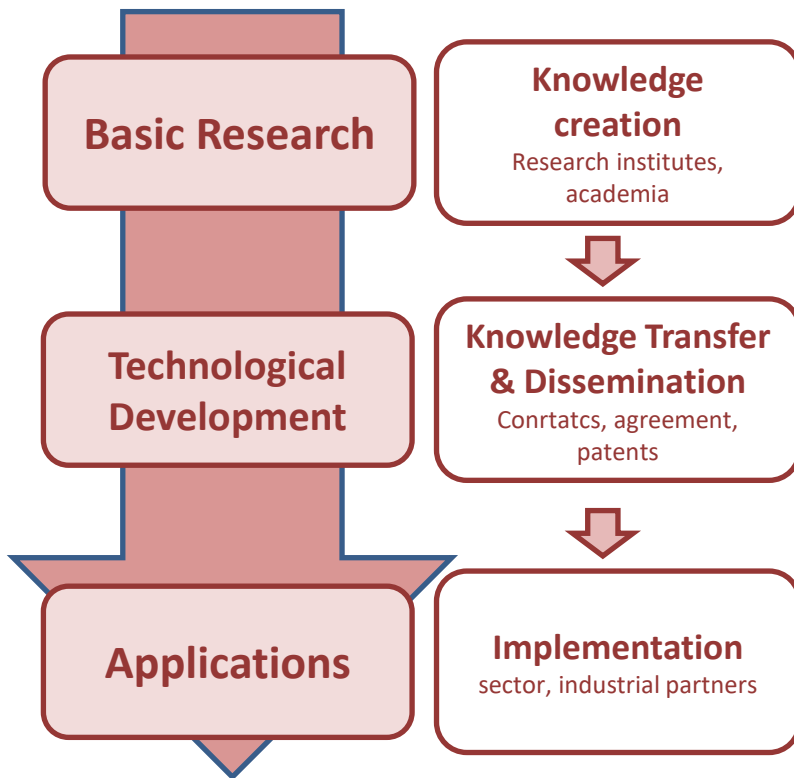
Fossil fuel-based,
linear economy



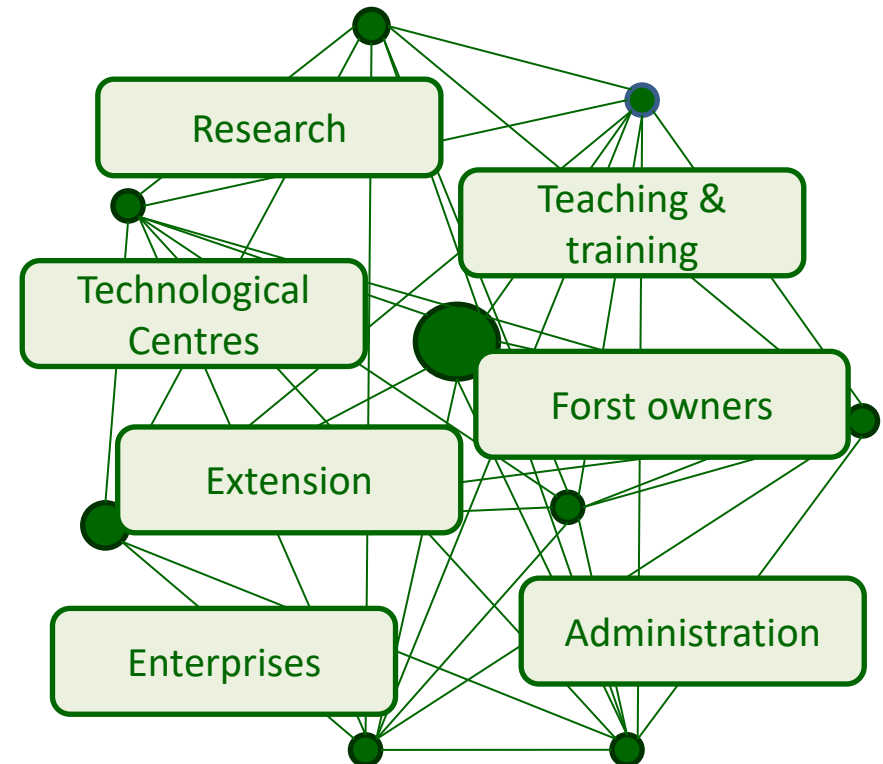
Circular, green,
bio-based economy



Linear top down model of INNOVATION



Interactive model of OPEN INNOVATION



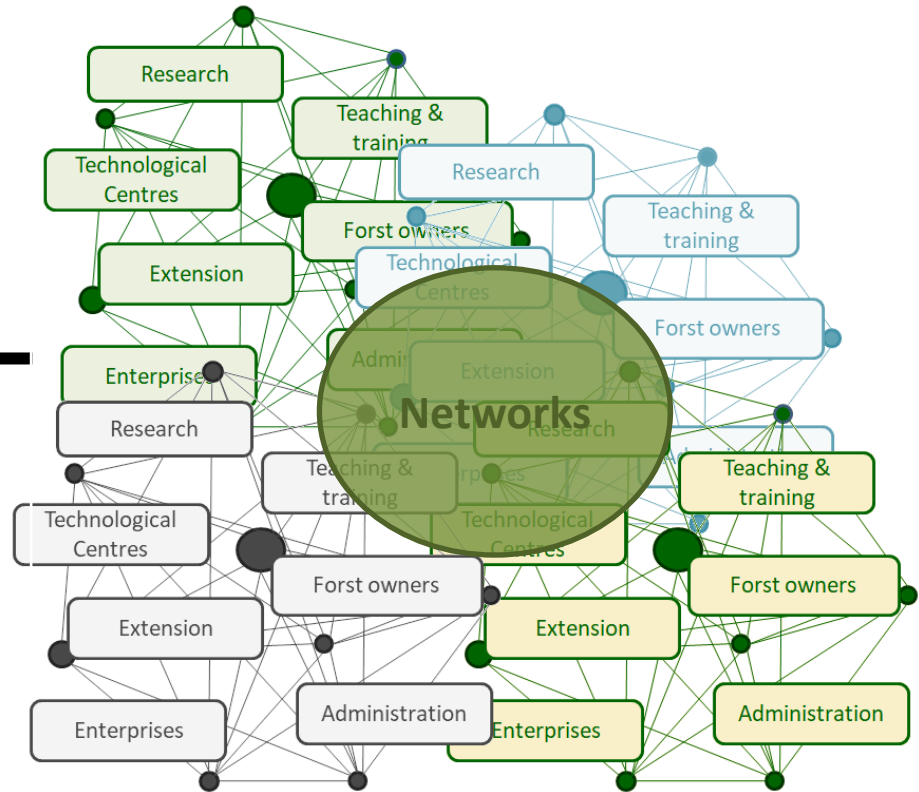
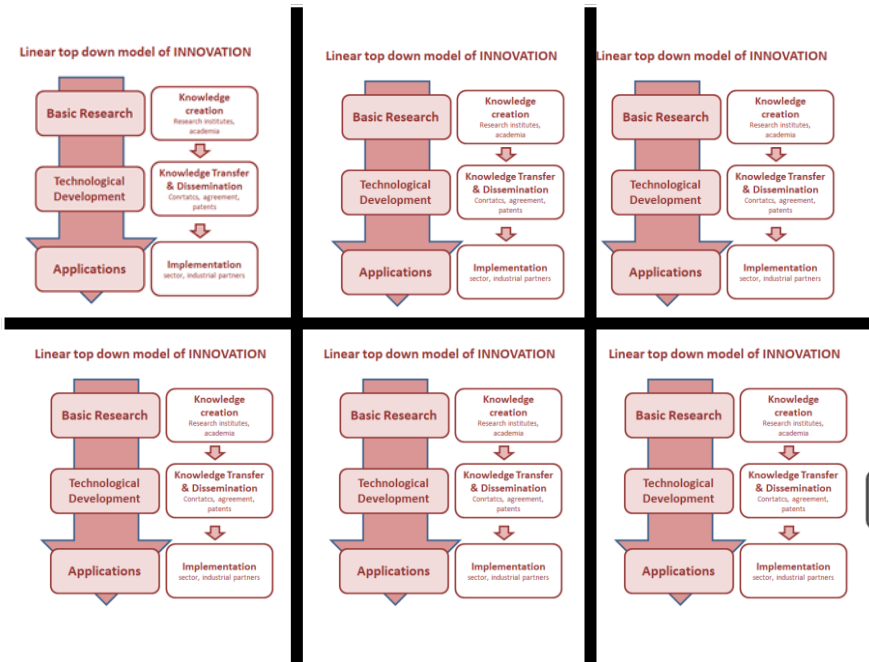
adapt. from Secco et al., 2015

about international cooperation


common problems, common standards,
common DEMAND-DRIVEN markets,...

Hermetic regional or national value chains

International networks of OPEN INNOVATION



- INCREdible - an European Thematic Network to bridge innovation gaps in NWFPs sectors, mobilising knowledge, *to make innovation happen*
- funded by EU's Horizon 2020
- coord. by EFI, the *European Forest Institute* (110 org./38 countries)
- 2017-2020



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INCREDible, a *net of networks* for innovation

(5 iNets)

-  **Cork iNet**
-  **Resins iNet**
-  **Wild nuts & berries iNet**
-  **Mushrooms & truffles iNet**
-  **Aromatic & medicinal plants iNet**



Coordination EFIMED



Local partners in Portugal, Spain, France, Italy, Tunisia, Croatia, Greece



Other partners outside the Mediterranean region:
EFI, JOENSSU (FI)
ESSET, MEISE (BE)

Sources:
www.glebaforestwatch.org
Creative Commons: Peter Chlebik, Buena Buena, Marek Polakovic, Creative Steel, iconsphere for Noun Project

Join us at <https://incredibleforest.net/content/join-inet>



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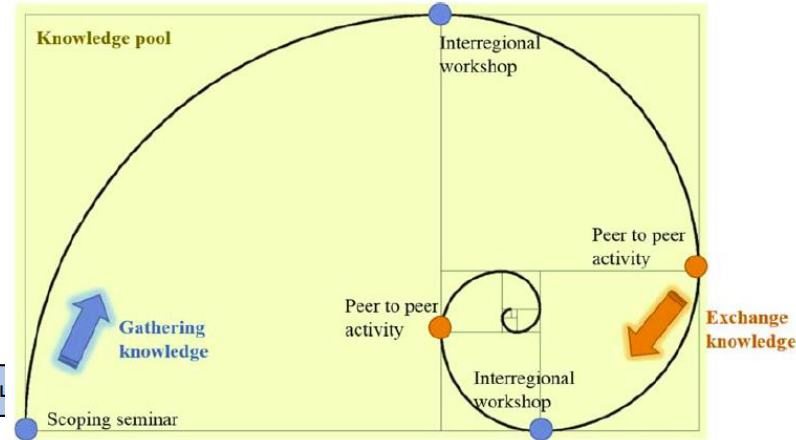
How do iNets work?

Involving key stakeholders (value chain positions)

Joining common agenda (challenges, goals 2020)

Collaborating

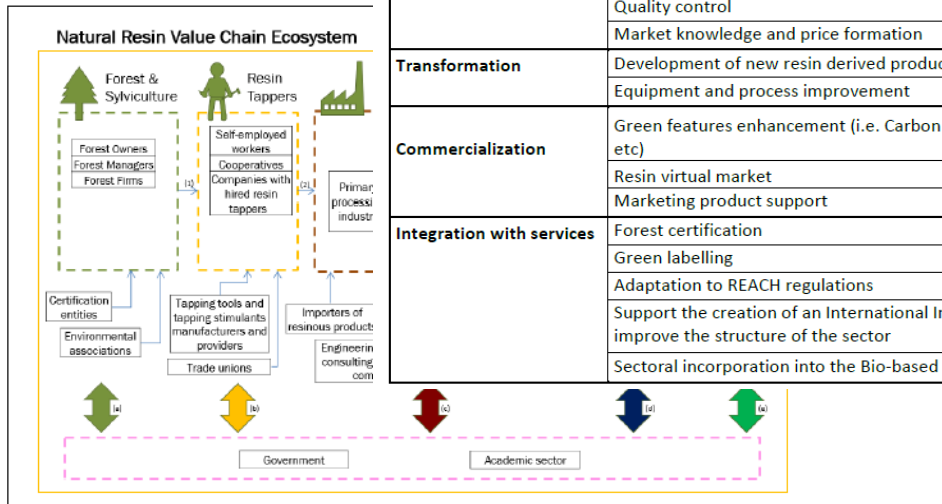
Crossfertilisation



Key themes proposal

NATURAL RESIN AS A BIOECONOMIC RAW MATERIAL	
Production/Harvesting	<ul style="list-style-type: none"> Implementation of production traceability systems Logistical integration (i.e. computerization of the logistic process) New harvesting methods Quality control Market knowledge and price formation
Transformation	<ul style="list-style-type: none"> Development of new resin derived products Equipment and process improvement
Commercialization	<ul style="list-style-type: none"> Green features enhancement (i.e. Carbon footprint assessment, stamp of origin, etc) Resin virtual market Marketing product support
Integration with services	<ul style="list-style-type: none"> Forest certification Green labelling Adaptation to REACH regulations Support the creation of an International Interprofessional Resin Organisation to improve the structure of the sector Sectoral incorporation into the Bio-based Industries Public-Private Partnership

iNET ecosystem and value chain map



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What type of challenges?

A participatory process establishes **priorities** for each iNet. Priorities can relate to all aspects of the value chain.

- **Production** - forest management & collection
- **Transformation** - processing & transformation
- **Trade** - local, domestic and export
- **Integration** of products and services (multifunctional forestry, nature-based tourism)

Particular attention is drawn to cross-cutting sectorial issues, such as

- **Innovative business models** and value chains
- **Access to finance** and market intelligence
- New applications of **digital tools**



Scoping : Priority challenges

Priorities set in Scoping Seminars 2018

- **Production** (forest management & collection)
 - Technical innovations, Good practices & management schemes
 - Fair payment (P.E.S.), occupational safety, legal frame & due diligence,
 - Climate change, PESTS & DISEASES**
- **Transformation**
 - Technical innovation, chain of custody, traceability
- **Trade**
 - Legality, fairness, traceability, chain of custody, statistics, **PRODUCT IDENTITY**
- **Regulation**
 - Legal framework, effective implementation & international endorsement,
 - Ban of **BLACK MARKETS**, need of quality standards & control



What type of iNet activities?

- **Interregional** seminars on specific innovation issues
- **Science-practice activities** in multiple locations to foster knowledge flow and collect feedback
- A repository of relevant **knowledge, cases** and **experts**
- **Cross-cutting seminars** to share experience with other sectors
- **Open Innovation Challenges** to mobilise ideas and help solve specific problems
- **Training sessions** on entrepreneurship in NWFPs
- An **international Policy Forum** for the presentation of recommendations for better regulation of NWFPs



Who can take part?

INCREDIBLE is open to all those interested in

“creating economic, social and environmental value through improved production, collection, processing, and marketing of Mediterranean Non-Wood Forest Products (NWFPs)”

Join us at <https://incredibleforest.net/content/join-inet>



... further international research networks on edible NWFPs:

FAO/CIHEAM *Inter-regional Research Network on Nuts*

<http://networks.iamz.ciheam.org/nuts/>



IUFRO *RG1.08.00 - Silviculture for production of edible fruits*

<http://www.iufro.org/science/divisions/division-1/10000/10800/>



Please, join us!

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Coordinator



Partners



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