



WoodWisdom-Net

# Short overview of the transnational WoodWisdom-Net Research Programme

**FORESTERRA FINAL CONFERENCE**

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# WoodWisdom-Net integrates the national research activities in the area of wood material science and engineering

**This is what we stated in the very beginning (ERA-NET WoodWisdom-Net 2004-08):**

Objectives:

- Enhance the **efficiency of programme management** and **optimise the use of research funds**
- Create a **common research platform** that will promote the competitiveness and sustainability of European forestry and forest-based industry
- The main goal of the WoodWisdom-Net project is to prepare and implement a **cooperation agreement** and **to launch a transnational programme**



**Implementation of a transnational research programme to improve competitiveness and sustainability of the forest cluster**



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# Growth path of WoodWisdom-Net



*Networks  
joining forces  
from outside  
Europe*

*WoodWisdom-Net+ (2012-17)  
12 countries 20 partners  
Joining national funding with EC funding*



*WoodWisdom-Net 2 (2009-12)  
12 countries 19 partners,  
5 joint call funding organisations  
7 associate organisations  
Joining new forces in Eastern and Southern Eu*



*WoodWisdom-Net (2004-08)  
first 5 countries 12 partners  
growth to 8 countries 18 partners  
Joining forces in Northern and Central  
Europe*



*Wood Material Science and Engineering  
(FIN-SWE 2003-06) Tekes, AKA, MMM,  
Vinnova, Formas  
Joining forces in Finland and Sweden*

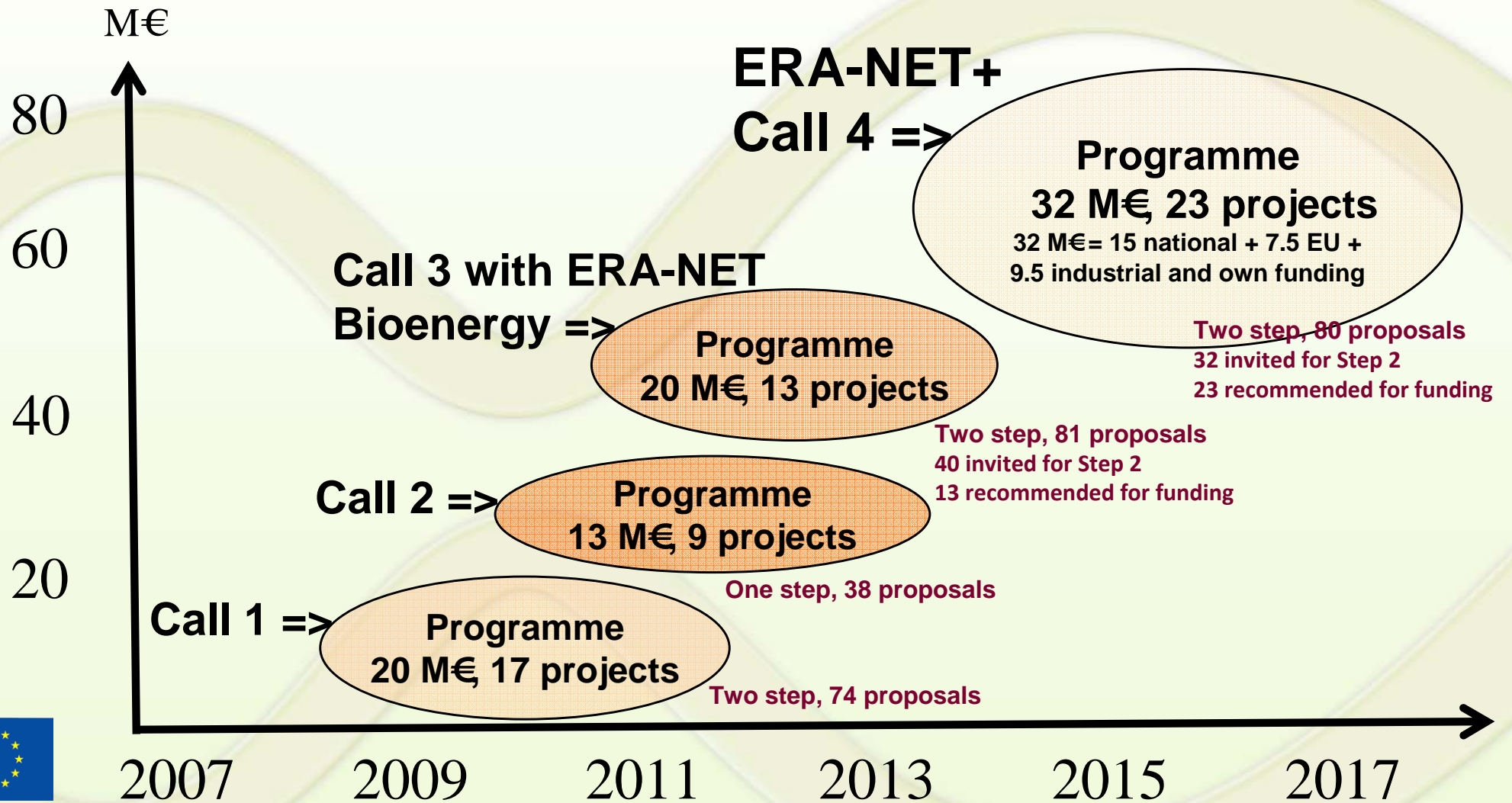


*Woodwisdom (FIN 1998-2001) Tekes, AKA, MMM  
Joining forces of Finnish funding and research*

# Getting to know each other Trust – Respect – Friendship – Good for working together



# WoodWisdom-Net Programme evolution and growth to 85 M€ and 62 projects



# Building high quality research – Some examples of achievements

**FireInTimber** - The very first European-wide guideline on the fire safety in timber buildings in 2011

**TES Energy-Façade** - First “FTP Team-Up Award” in 2010, Schweighofer Prize 2011

**€CO2** - Wood in Carbon Efficient Construction - Tools, methods and applications. ISBN 978-9-0820-9081-9 (e-book)

**WOBAMA** - Strong focus on educating young scientists, resulting in five PhD examinations, post doc visits and master thesis (incl. WOBAMA summer school 2013, Pagora, Grenoble)

**CaReWood** - Timber window ReWin - Special award for product with social impact (10<sup>th</sup> Slovenian Innovation Forum 2015, Nova Gorica) to M SORA (Slovenian window manufacturer):

”Entire process of using wood from old windows started with this project [CaReWood] and before it we never really thought about this concept.”

Fire safety  
in timber buildings



Technical guideline for Europe



## Call 4 (2013-2017) - ERA-NET+ Pacing innovation in the forest-based sector

23 projects funded in 4 thematic research areas:

- Theme 2 “Value added products” (10)
- Theme 2 “Industrial processes” (7)
- Theme 4 “Competitive customer solutions” (5)
- Theme 1 “Sustainable management of forest resources” (1)

However, all proposals indicated that their research is connected to more than just one of the listed research areas.



## Call 4 (2013-2017) - ERA-NET+ 23 projects with 255 partners for 32 M€

Projects include 255 different partner organizations:

- SMEs (28%),
- large companies (19%),
- research organizations (21%),
- universities (20%),
- others (12%; incl. co-funding companies, industrial associations etc.).

The percentage is calculated from the number of partners and most funding still goes to research.





## Call 4 (2013-2017) - ERA-NET+

### Strong transnational work is the success factor: project partners from 13 different countries

- The coordinators of the projects come from eight countries (Austria, Finland, Germany, Ireland, Norway, Slovenia, Sweden, Switzerland),
- Most of the proposals having either a Finnish (8) or German (6) coordinator.
- Partners also from third countries: Belgium, Canada and the United States.



**Collaboration and networking of different actors (companies, universities, research institutes, funding organisations etc.) is important – WW-Net seminars are for this**



# Value-added of real international collaboration is dynamics of differences at its best





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# Multi-actor networking is the key to success

## WoodWisdom-Net Community

- Project customers, research, industry, others
- National funders and project owners
- European stakeholders, Commission, FTP
- National stakeholders and groups
- Experts for project and programme evaluation

## ERA-NET Community

- ERA-Nets on stage, ERA-LEARN
- Industrial ERA-Nets, Bio-ERA-Nets, PLATFORM
- Bilateral collaboration with ERA-NET Bioenergy
- Supporting RURAGRI kick-off by sharing knowledge
- Sharing DoW with CoreOrganic Plus
- WoodWisdom-Net+, SUMFOREST and FORESTERRA jointly lobbying and planning of proposal for Horizon 2020 ERA-NET Cofund



# Multi-actor networking is the key to success ..continues..

## Other ERA schemes:

- Close partenering with FTP
- Other Technology Platforms
- JPI Facce workshop
- JPI Urban Europe

## Call preparation, lobbying and promotion

is one key process and it uses strategic network wisdom of different European and national groups and the European Commission

## Both official and unofficial networks

are important, key people, key organizations

## Active dissemination

with newsletters, annual seminars, website, LinkedIn



# In the same boat: working together and having success together is rewarding



# Pacing leaps towards bio-economy and innovation

- Europe spends most resources on R&D compared to US and China spending much more on the implementation phase.
- This innovation and deployment gap is also noticed in the forest-based sector, which is in transformation towards bio-economy.
- In evolution of WoodWisdom-Net the challenge is to take leaps from strong R&D towards innovation, implementation and investments.
- Most important success factor is to attract ore companies to active partners in future WoodWisdom-Net projects.



# Looking for next move and planning future...





# The next move? Joining forces of three ERA-Nets and Horizon 2020 to ERA-NET Co-fund

## Proposed ERA-NET Cofund on “Innovative forest-based bioeconomy”

### Main features:

- Follow-up of the 3 existing ERA-Nets – WoodWisdom-Net+, FORESTERRA, SUMFOREST
- Covering all European geographical areas and additionally Eastern Partnership countries and the African Mediterranean Countries
- The scope spans all forest-based value chains
- Keeping a balance between Research and Innovation topics, supporting the EU Bioeconomy Strategy, EU Forest Strategy, and the Strategic Research Agenda of the FTP
- Call open under *SC 2 (Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy)/ Horizon 2020 Work Programme 2016 – 2017*  
>> *NB! Planned realisation under Framework Partnership Agreements (FPAs) still not 100% sure*





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# Congratulations, FORESTERRA!

