

2010 2015 2020 2025 2030

Forest-Based Sector  
Technology Platform



# The Italian Forest-Based Sector Technology Platform (it-FTP)

(Massimo Ramunni)

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## Europe's forest-based sector – a global leader

- ▶ Forests as resource base
  - 1/3 of Europe's surface
  - Only 5% of global forest area, but 25-30% of world's forest-based products
  - Most recycled resource in Europe
- ▶ 8% of manufacturing added value in the EU
- ▶ Between three and four million industrial jobs
- ▶ About 16 million private forest owners
- ▶ Global technological leadership
- ▶ Leading research and business position at international level



## Forest-Based Sector Technology Platform (FTP) in Europe and in Italy

- ▶ European Forest-Based Sector Technology Platform set up in 2004 by European confederations
  - CEI-Bois, CEPI, CEPF (in 2007 EUSTAFOR joined)
- ▶ Promotes research and innovation in the sector
- ▶ Assembles the entire sector: industry (including SMEs), forest owners, research community
- ▶ Italian National Support Group set up in 2004 by Consulta per le Foreste, il Legno e la Carta;
  
- ▶ Italian Forest-Based Technology Platform set up in 2009.

# It-FTP organisation

ALFREDO DIANA  
Chairman

STEFANO BERTI  
PAOLO BORTOLOTTI  
GIORGIO CORRADO  
PAOLO CULICCHI  
ERVEDO GIORDANO  
GIUSEPPE SCARASCIA MUGNOZZA  
Steering Committee

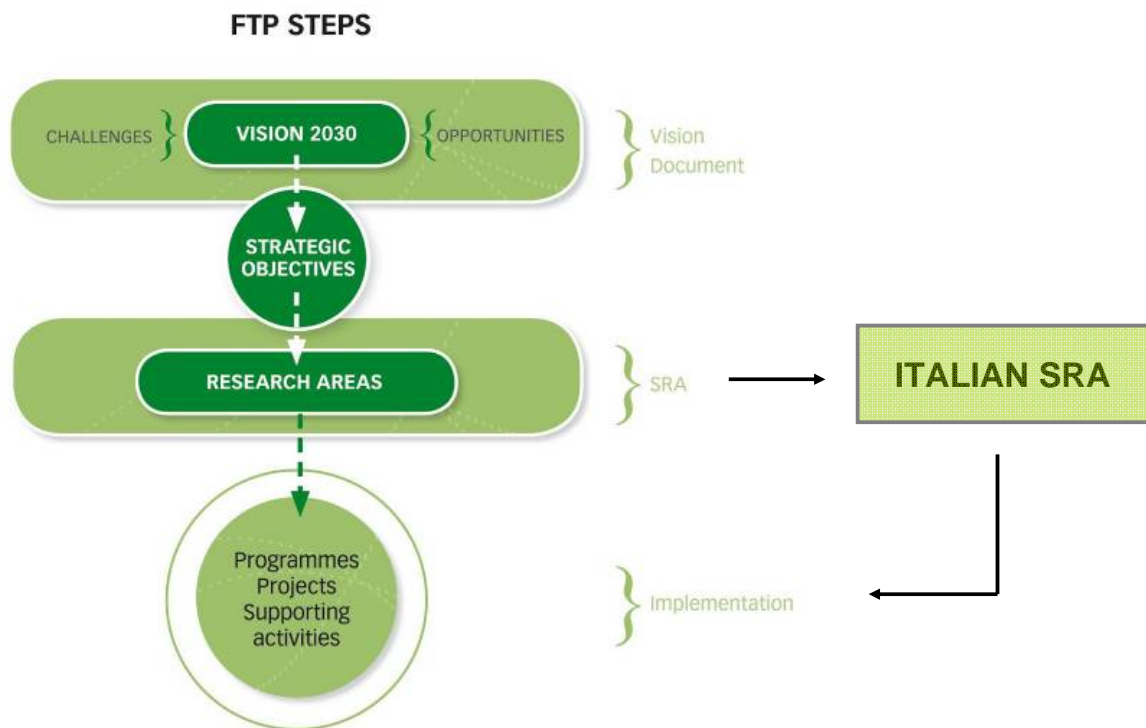
CESIDIO DI GIROLAMO  
Generale Secretariat

DOMENICO CORRADETTI  
Forest Area Manager

OMAR DEGOLI  
Woodworking Area Manager

MASSIMO RAMUNNI  
Pulp & Paper Area Manager and  
European-FTPcontact point

# FTP implementation process



## Vision 2030



Forest-Based Sector  
Technology Platform

*The European forest-based sector plays a key role in a sustainable society.*

*It comprises a competitive, knowledge-based industry that fosters the extended use of renewable resources.*

*It strives to ensure its societal contribution in the context of a bio-based, customer-driven and globally competitive European economy.*

## FTP Strategic Objectives (1)

- ▶ Meeting the multifunctional demands on forest resources and their sustainable management.
- ▶ Enhancing availability and use of forest bio-mass for products and energy.
- ▶ Development of intelligent and efficient manufacturing processes, including reduced energy consumption.
- ▶ Development of innovative products for changing markets and customer needs.

## FTP Strategic Objectives (2)

- ▶ Establishing a more efficient innovation system, including a better-structured research community with higher efficiency.
- ▶ Deepening the sector's scientific basis, including taking advantage of emerging sciences.
- ▶ Establishing education and training schemes that meet high requirements.
- ▶ Improving communication with the public and policy makers.

# Strategic Research Agenda

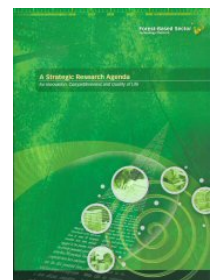


## Strategic Research Agenda (1)

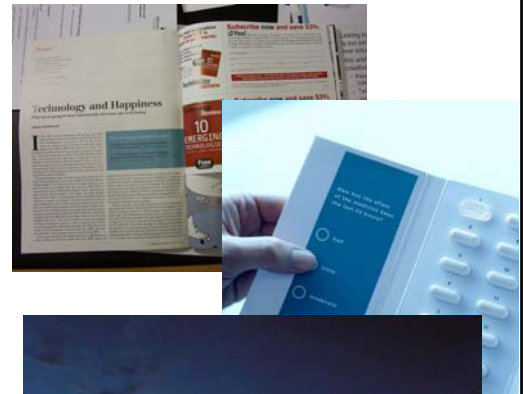
- ▶ Five *Value Chains* are included:
  1. Forestry
  2. Wood Products
  3. Pulp & Paper
  4. Bio-energy
  5. New businesses / specialities

## Strategic Research Agenda (2)

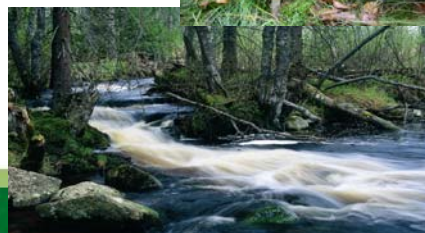
- ▶ Five Strategic Objectives (SOs) are covered:
  1. Development of innovative products for changing markets and customer needs
  2. Development of intelligent and efficient manufacturing processes, including reduced energy consumption
  3. Enhancing availability and use of forest biomass for products and energy
  4. Meeting the multifunctional demands on forest resources and their sustainable management
  5. Regarding the sector in a societal perspective (socio-economic aspects)



- Innovative treatments for wood and paper;
- New materials and performances (e.g. for wood for building);
- Bio-products for energy and industrial uses;
- Improved efficiency in water and energy use;
- New production technologies (forestry, panel production, wood-working);
- New recycling technologies of wood and paper;

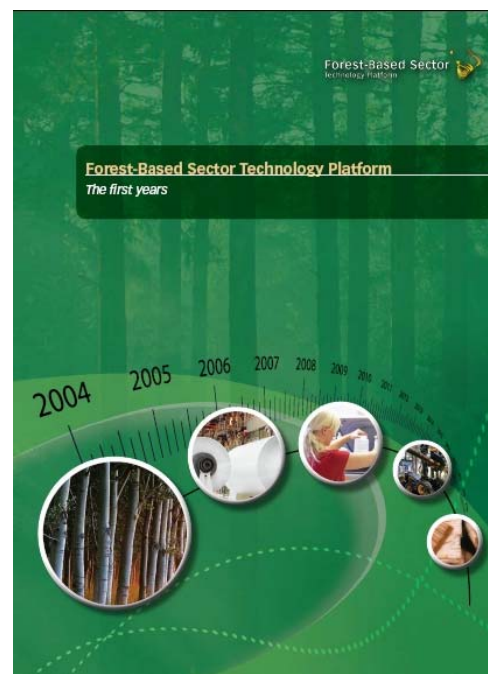


- Management of forests and water resources;
- Biotechnology for trees for energy and industrial use;
- Role of forest in climate change mitigation and desertification;
- Forest fires;
- Biodiversity;
- Improving communication on role of the forest and forest products;
- Improve forest area economy;



## FTP successes so far

- ▶ Mobilising the entire forest-based sector (more than 700 organisations and 1000 experts in Europe)
- ▶ Enhanced visibility of the sector
- ▶ Coordination at European *and* national level (24 countries involved)
- ▶ Tackling current issues in the sector



## More resources for R&D



- ▶ Sector has been much more visible in 7<sup>th</sup> Framework Programme – for example in Work Programmes of first calls
- ▶ First calls: several projects from sector being funded under Themes 2 (KBBE), 4 (NMP) and 6 (Environment)
- ▶ Italian participation in 6 projects (2 coordinated by Italy, on particle board and paper quality)

## Next challenges

### At European level

- ▶ Prepare to 8<sup>th</sup> Framework Programme
- ▶ Focus on only few central topics
- ▶ With Integrated calls, need to overlap of different research themes

### At National level

- ▶ Participate in the development of the National Research Plan
- ▶ Do not miss in the meantime the other opportunities (PON, ERA-NET, COST, EUREKA,...)



Thank you!

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