



# **COST**

## **European Cooperation in Science and Technology**

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COST- FTP Early Stage Researcher Forum  
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# What is COST?

The oldest and widest intergovernmental framework for European Cooperation in Science and Technology.

For 40 years COST has supported science networking activities across all the 36 Member States and beyond.

COST Actions are open to worldwide cooperation based on mutual benefit.

# COST Mission



“ COST enables break-through scientific developments leading to new concepts and products.

It thereby contributes to strengthen Europe’s research and innovation capacities.

”



# COST Features

- 40 years
- High Quality
- Bottom-Up
- Young
- Experienced
- Inclusive
- Open

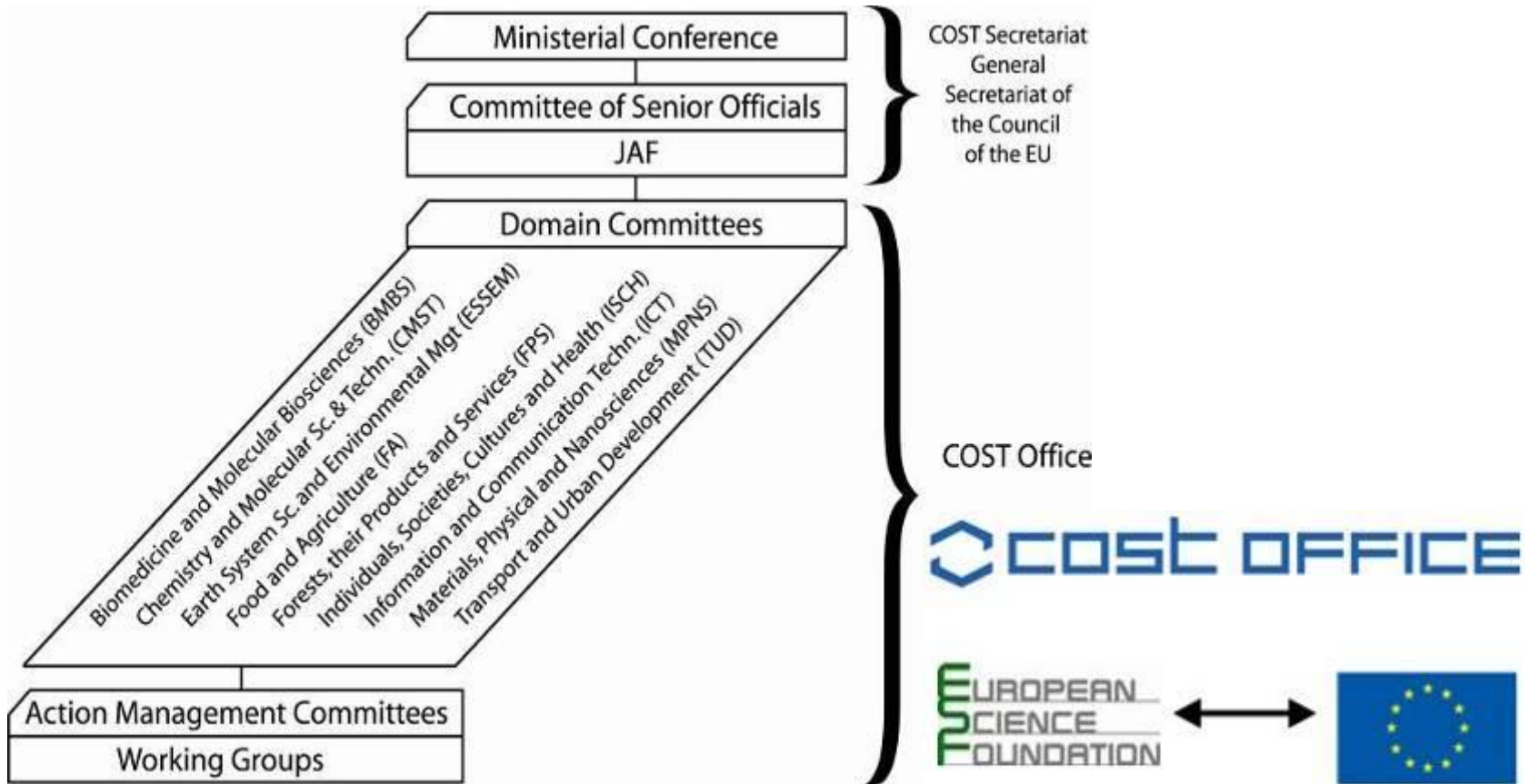


About COST

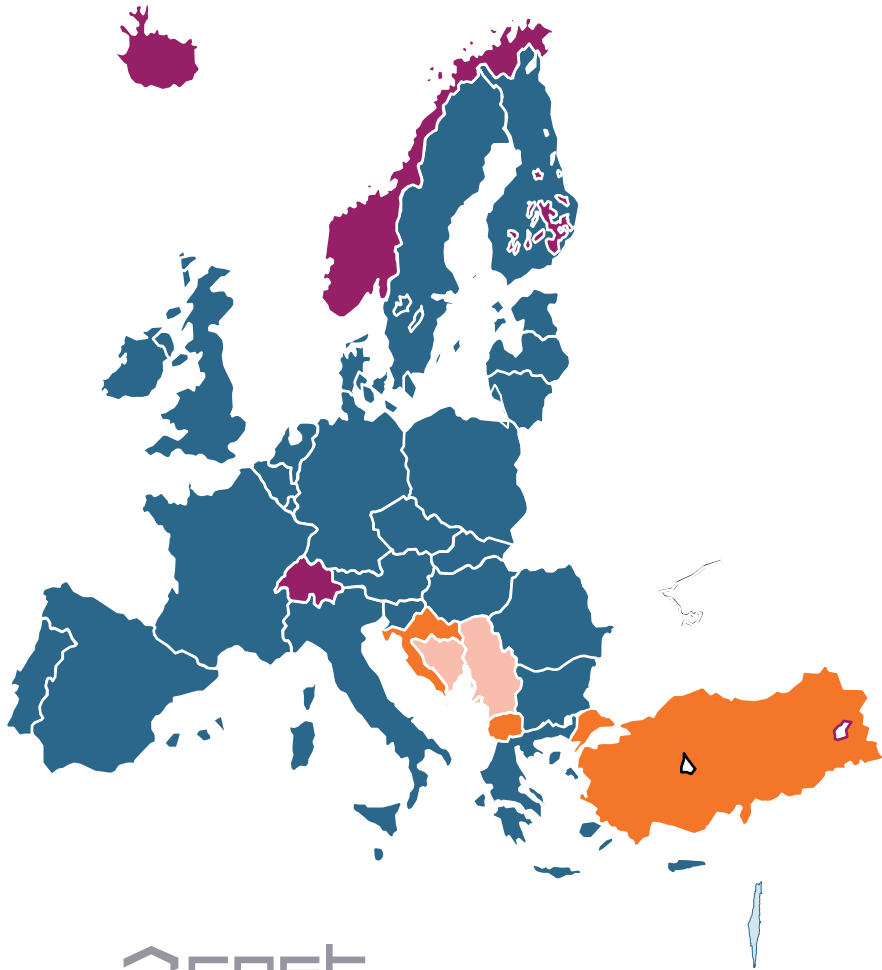


[www.cost.eu](http://www.cost.eu)

# COST Structure



# COST Countries



■ **The 27 EU Member States**

■ **EFTA Member States**

- ▶ Iceland
- ▶ Norway
- ▶ Switzerland

■ **Accessing & Candidate Countries**

- ▶ Croatia
- ▶ FYR of Macedonia (FYROM)
- ▶ Turkey

■ **Potential Candidate Countries**

- ▶ Bosnia and Herzegovina
- ▶ Republic of Serbia

■ **COST Cooperating States**

- ▶ Israel

# COST in Figures

- 226 (257) COST Actions
- > 1000 scientific workshops and meetings > 30 000 participants
- 1250 STSMs ~ 3 weeks
- > 90 Training Schools > 1200 participants
- > 100 high ranking publications



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# COST Action

- At least 5 countries
- Expanding networks
- Average 20 countries
- Across 9 Domains or interdisciplinary
- Funding for networking activities (~100 000 EUR / year)



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# COST Action Tools

- Management Meetings
- Working Group Meetings
- Scientific Workshops & Seminars
- Training Schools
- Scientific Exchange Visits (STSMs)
- Dissemination + Publications
- Exploratory + Strategic Workshops



# COST FPS Domain



- Forests, Products and Services
- Research on economic, environmental and social needs in forestry sector
- Sustainable management for present and future generations
- Open - covers entire forest-wood-value chain

# FP1003

## Impact of renewable materials in packaging for sustainability

- Renewable fibre + bio-based materials for new packaging applications
  - Material Development
  - Packaging Value Chain
  - End-of-Life
  - Sustainability Evaluation
- Impact
  - Develop fully recyclable packaging solutions
  - Database describing the performance of renewable materials from different sources
  - Evaluation of sustainability across entire value chain
  - Guidelines for end-of life technologies





- Potential threats to forests from pests of phytosanitary concern
  - Quantification of Pathway Risk
  - Pathway Risk Mitigation
- Impact
  - Develop a decision support system for policy makers
  - Mitigate the risks posed by individual pathways
  - “Manage once, deal with many”

# Biosafety of forest transgenic trees

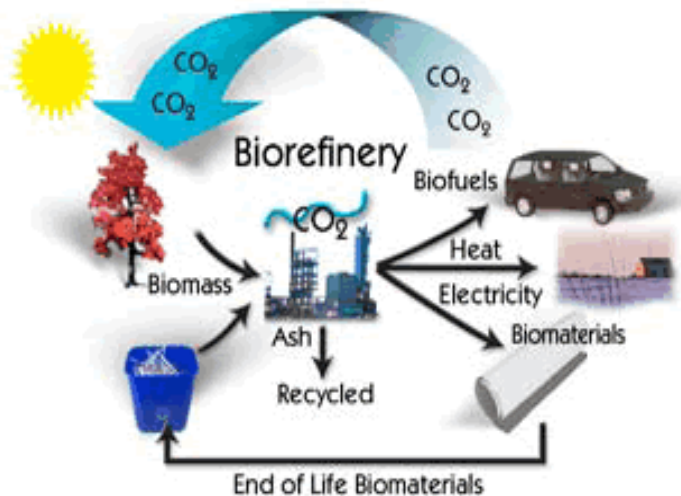
## FP0905

- Improving the scientific basis for safe genetically modified tree (GMT) tree development
- Implementation of EU policy directives
  - Regulation for the environmental impact assessment
  - Safe development and practical use of GMTs



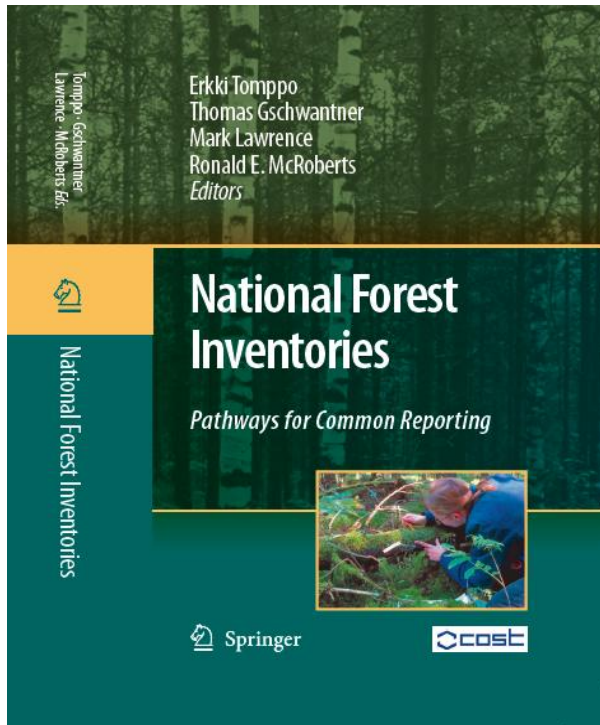


- Develop innovative biosciences for lignocellulose biorefineries
- Environmentally sound
- Cost-effective
- Fibres, chemicals, bioenergy
- Follow-up FP0901



# FPS-E43

## Harmonisation of National Inventories in Europe: Techniques for Common Reporting



- Harmonised national inventories
- Transparent forest resource information on national, European and global scale
- Scientifically sound and validated methods in forest inventory designs, data collection and data analysis
- Follow-up FP1001





Thank you

■ Mark the date in your calendar!  
18 to 20 October 2011

[www.cost.eu](http://www.cost.eu)

'Networks of Science'  
COST Exhibition

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Brussels

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