



**1<sup>st</sup> Meeting of Heads of National Forest Research Institutes  
Vienna, 5 - 6 of July, 2004**



# **Research and Monitoring Requirements within MCPFE**



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**Ministerial Conference on the Protection of Forests in Europe  
Liaison Unit Warsaw**

# CONTENTS

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**MCPFE – structure, working modalities**



**Process Review - milestones**



**Current Requirements to Research**

# MCPFE

## WHAT IS IT?

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The Ministerial Conference on the Protection of Forests in Europe (MCPFE)

- is an **initiative** of the European countries at **ministerial level**
- addresses **common opportunities and challenges** related to forests and forestry

# MCPFE - Platform for co-operation



# MCPFE OVERALL GOAL

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- to **promote sustainable forest management (SFM)** in Europe through participatory and open co-operation
- 44 European countries + EC and
- 41 “observer” countries/organisations

# MCPFE MEETINGS

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Secretariat:  
Liaison Unit  
(currently  
Warsaw)

General  
Co-ordinating  
Committee  
(currently **Austria**,  
**Poland**, Norway and  
Spain)





# MCPFE PROCESS

## 1990 - 2004 - .....

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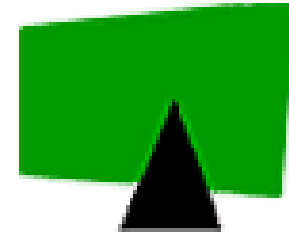


**1990**



# STRASBOURG 1990

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- **S1:** *Monitoring Forest Ecosystems*
- **S2:** *Conservation Forest Genetic Resources*
- **S3:** *Databank on Forest Fires*
- **S4:** *Adapting Management Mountain Forests*
- **S5:** *Research Network Tree Physiology*
- **S6:** *European Forest Ecosystems Research Network*

# MCPFE PROCESS

## 1990 - 2004 - .....

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# HELSINKI 1993

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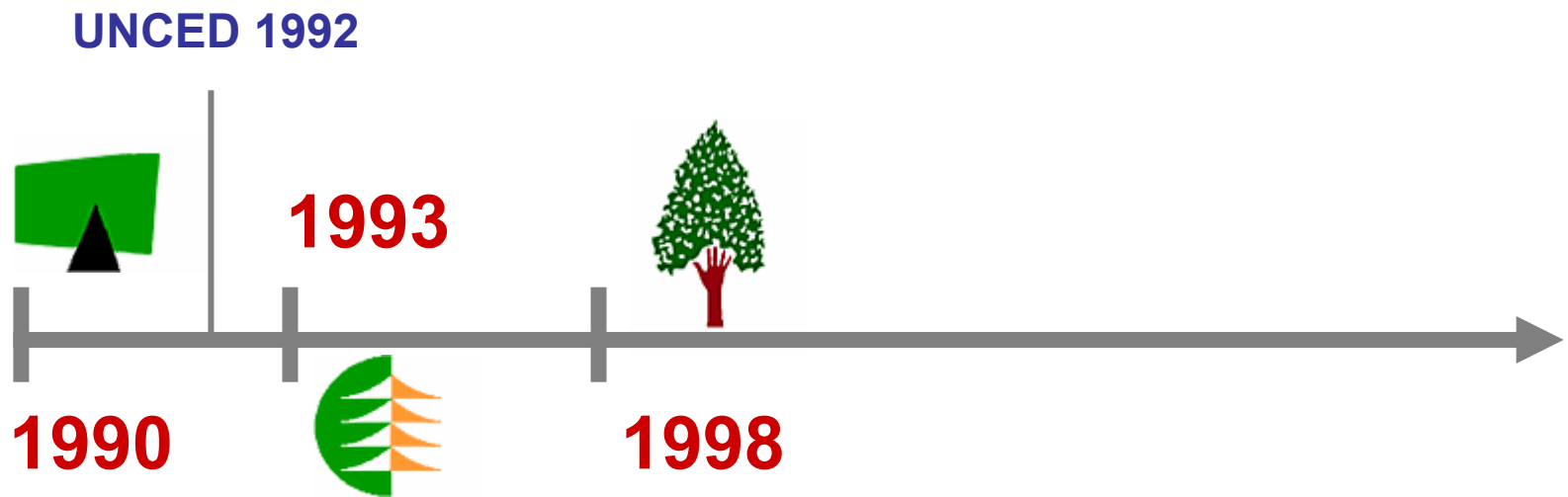


- ***H1: General Guidelines for SFM***
- *H2: General Guidelines for the Conservation of Biodiversity*
- *H3: Forestry Co-operation with CEECs*
- *H4: Strategies for Adaptation of Forests to Climate Change*

# MCPFE PROCESS

## 1990 - 2004 - .....

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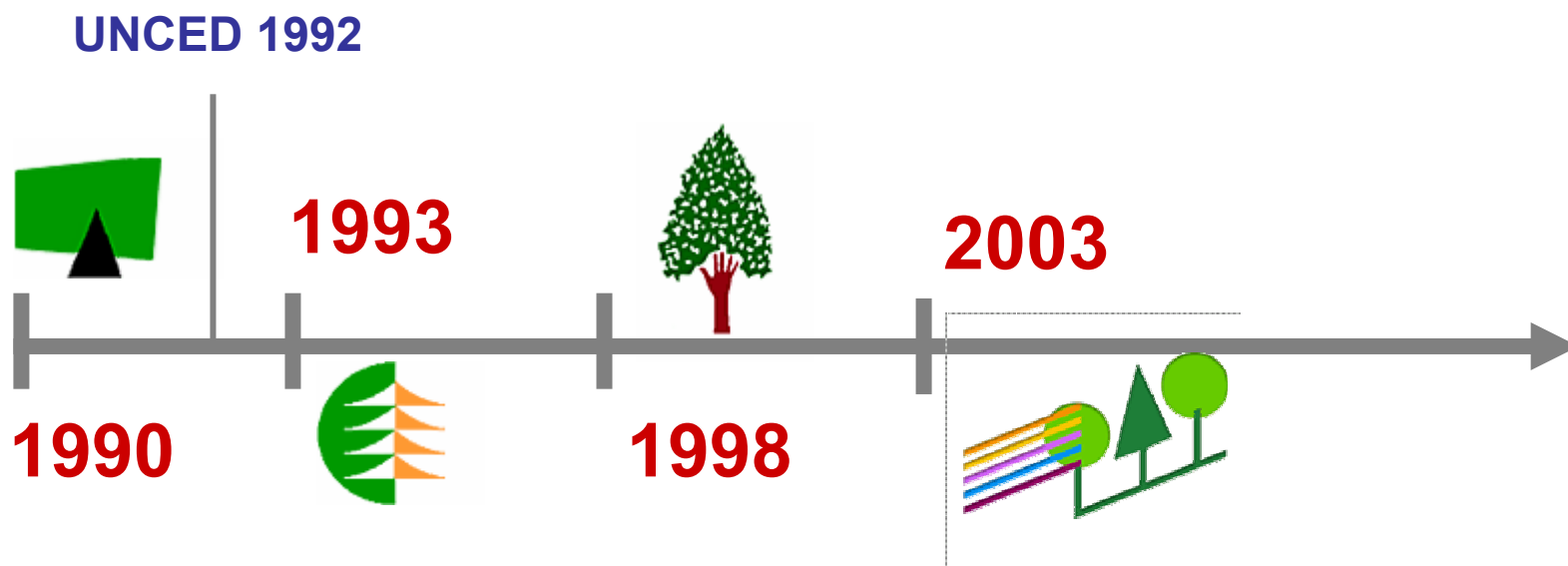
# LISBON 1998

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- *L1: Socio-Economic Aspects of SFM*
- ***L2: Pan-European C&I and Pan-European Operational Level Guidelines (PEOLG) for SFM***
- *Work Programme on the Conservation and Enhancement of Biological and Landscape Diversity in Forest Ecosystems 1997-2000*

# MCPFE PROCESS

## 1990 - 2004 - .....



# LIVING FOREST SUMMIT



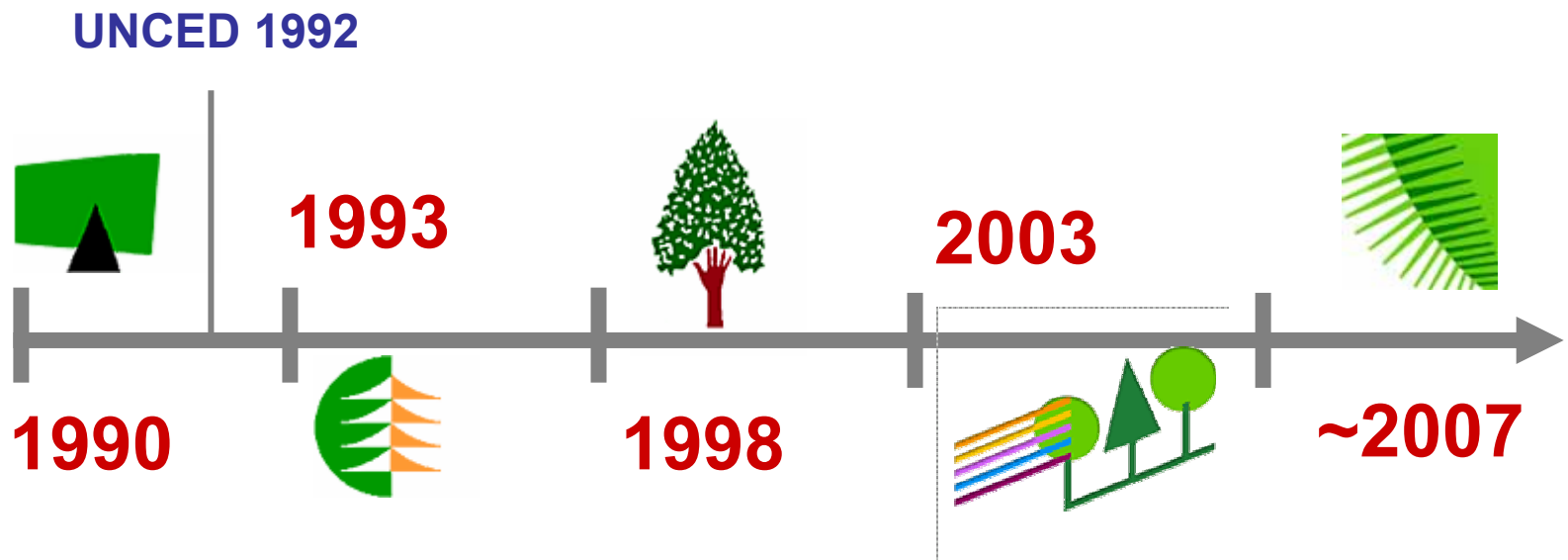
4<sup>th</sup> MINISTERIAL CONFERENCE ON THE  
PROTECTION OF FORESTS IN EUROPE

- 
- **Vienna Declaration**
  - **Five Vienna Resolutions**
  - **Annexes**

# MCPFE PROCESS

## 1990 - 2004 - .....

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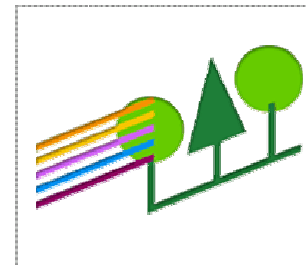
# VIENNA FOLLOW-UP



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- **MCPFE Work Programme**
  - **adopted at ELM in October 2003**
  - **implementation of Vienna and previous commitments**
  - **in co-operation with all relevant organizations, institutions and processes**

# REQUIREMENTS TO SCIENCE

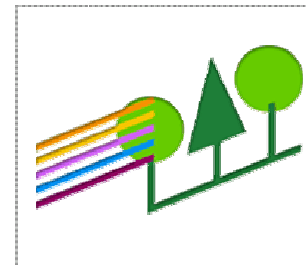


*Vienna Resolution 1:*

*Strengthen Synergies for SFM in Europe through  
**Cross-sectoral Co-operation** and **National Forest  
Programmes***

- **Evaluation of the application of nfp approaches**
- Analysis of overlaps, gaps and inconsistencies between forest sector and related sectoral policies
- Identification of approaches to and mechanisms for inter-sectoral co-ordination

# REQUIREMENTS TO SCIENCE

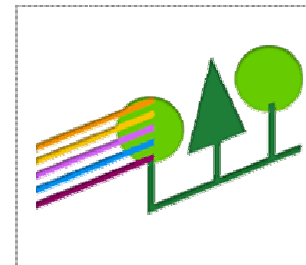


*Vienna Resolution 2:*

## ***Enhancing Economic Viability of SFM in Europe***

- **Market-based provision of new forest products and services**
- **Valuation of the full range of benefits of forests**
- Competitiveness and entrepreneurship in the forest sector, inter- and intrasectoral collaboration
- Trends in quantity and quality of forest workforce

# REQUIREMENTS TO SCIENCE

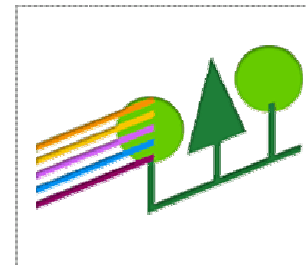


*Vienna Resolution 3:*

## ***Preserving and Enhancing the Social and Cultural Dimension of SFM in Europe***

- Cultural dimension in forest policies and programmes
- **Identification and collection of data on cultural sites related to forests**
- Role of the forest-related socio-cultural dimension in sustainable development

# REQUIREMENTS TO SCIENCE

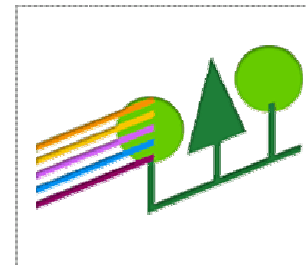


*Vienna Resolution 4:*

## ***Conserving and Enhancing Forest Biological Diversity in Europe***

- Relation of the ecosystem approach to sustainable forest management
- Impact of illegal harvesting of forest products and associated trade on forest biodiversity
- **Pan-European understanding of forest type**

# REQUIREMENTS TO SCIENCE



*Vienna Resolution 5:*

## ***Climate Change and SFM in Europe***

- Incentives for the use of renewable resources and sustainable consumption
- **Inventory, monitoring and reporting of European carbon stocks and changes in forests and forest products**
- Potential scope of benefits and costs of carbon sequestration in forests and forest products and mechanisms to share them

# REQUIREMENTS to SCIENCE – CRITERIA & INDICATORS

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## Putting MCPFE commitments into action

„Promote sustainable forest management by further implementing, applying and if necessary improving, criteria and indicators for:

- monitoring,
- assessing and
- reporting

progress on sustainable forest management ...”

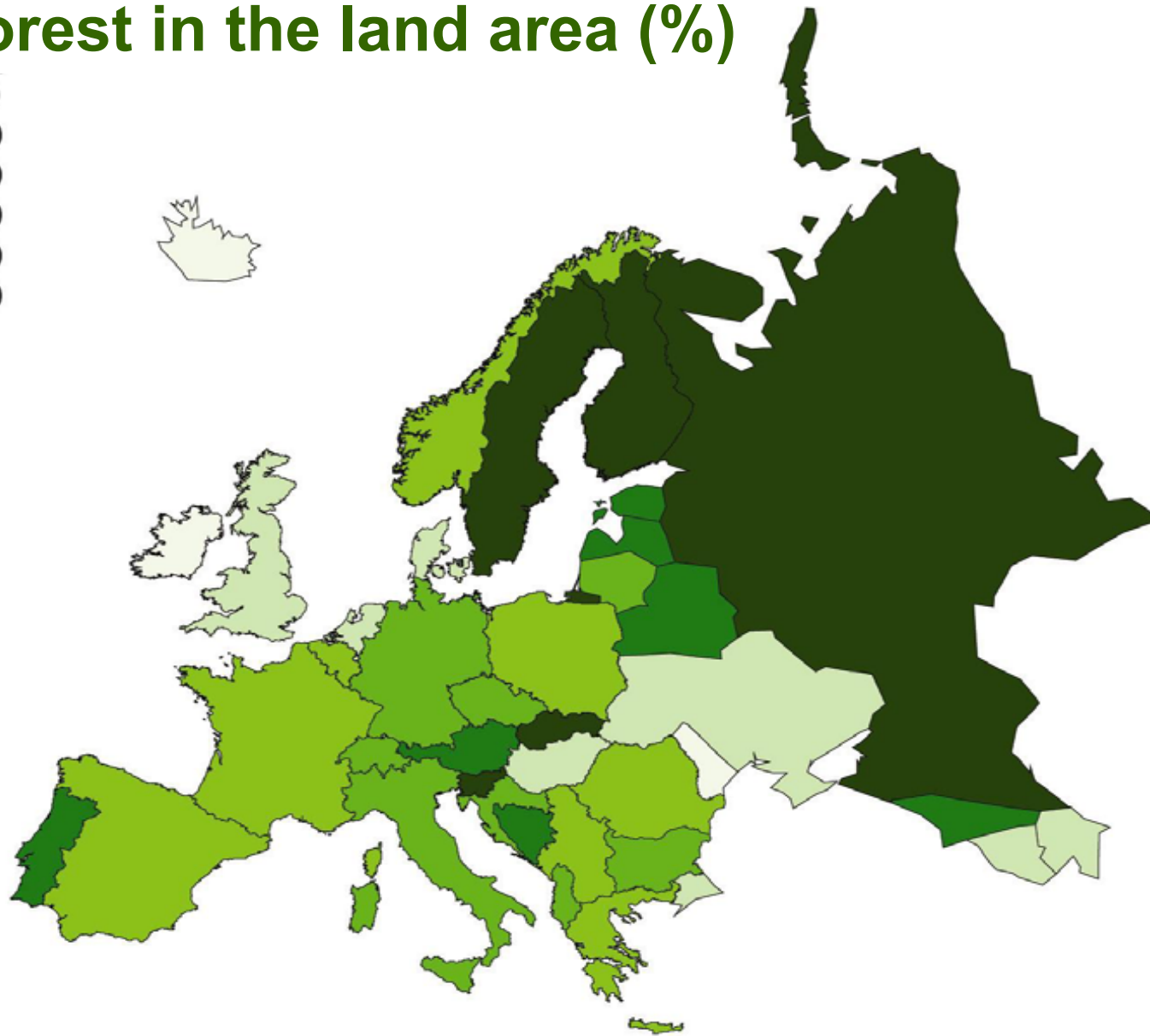
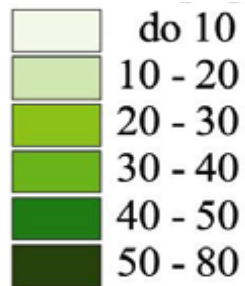
# REQUIREMENTS to SCIENCE – C&I

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- **Fourth Ministerial Conference - Vienna 2003**
  - adoption of improved Indicators for Sustainable Forest Management, 2002 (35 quantitative indicators + 17 qualitative)
- **Lisbon Follow-up Process, 1999-2003**
- **Third Ministerial Conference - Lisbon 1998**
- **Helsinki Follow-up Process, 1993-1998**
- **Second Ministerial Conference - Helsinki 1993**



# Share of Forest in the land area (%)



# Pan-European C&I

		<u>ST</u>	<u>TR</u>
• <b>C1: Forest Resources</b>	(4)	(4)	(3)
• <b>C2: Health and Vitality</b> (Deposition of air pollutants; Soil condition)	(4)	(2)	(1)
• <b>C3: Productive Functions of Forests</b> (5) (Services)		(4)	(1)
• <b>C4: Biological Diversity</b> (Deadwood; Landscape pattern)	(9)	(7)	(0)
• <b>C5: Protective Functions</b>	(2)	(2)	(0)
• <b>C6: Other Socio-Economic F &amp;C</b> (Net revenue; Expenditures for services; Occupational safety and health; Wood consumption; Trade in wood; Energy from wood resources; Cultural and spiritual values)	(11)	(4)	(0)
	<b>Σ</b>	<b>(23)</b>	<b>(5)</b>

# CONCLUSIONS

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- **Forest science has played important role for MCPFE in the preparation and implementation of Ministerial Conferences**
- **Examples include work on C&I, PEOLG, NFPs**
- **The Work Programme for the implementation of the Ministerial commitments of the MCPFE is the tool to strengthen the policy/science interface in Europe**

## MINISTERIAL CONFERENCE ON THE FOREST PROTECTION IN EUROPE



<http://www.mcpfe.org>