



**EU2017.EE**



Estonian Presidency  
of the Council of the  
European Union

# Interaction between Estonian forest policy and forestry related RDI

Rauno Reinberg

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# Forest Related Strategies

UN Strategic Plan for Forests 2017-2030 (UNSPF)

## Vision

A world where all types of forests and trees outside forests are **sustainably managed, contribute to sustainable development and provide economic, social, environmental and cultural benefits for present and future generations.**



# Forest Related Strategies

The FAO Strategic Objective

**Make** agriculture, **forestry** and fisheries **more productive and sustainable.**



# Forest Related Strategies

## EU Forest Strategy 2020



- To ensure and demonstrate that **all forests in the EU are managed according to sustainable forest management principles** and that the EU's contribution to promoting sustainable forest management and reducing deforestation at global level is strengthened, thus:
- Contributing to **balancing various forest functions**, meeting demands, and delivering vital ecosystem services;
- Providing a basis for forestry and the whole **forest-based value chain to be competitive and viable contributors to the bio-based economy.**

# Forest Related Strategies

## Estonian National Forest Programme 2020

### Objective

To ensure the **viability and productivity** as well as **diverse and efficient use of forests**.

Three main objectives:

- **Wood as a renewable resource will be used in industry and energy sector up to the amount of annual increment;**
- **Silvicultural activities will be promoted on one half of the regeneration felling areas** and another half will be regenerated naturally;
- **At least 10% of forest area will be under strict protection** to maintain a good status of endangered species and populations inherent to Estonia.



# Forest Related Research & Development

## FOREST POLICY AND GOVERNANCE

Research of impacts and synergies (interrelations) of forest related policies and sustainable forest management

## MAINTENANCE OF FOREST HEALTH AND VITALITY

**Monitoring and related studies on climate change driven damages and** invasive pathogens/species at stand level and related to forest reproduction material

## MAINTENANCE AND ENCOURAGEMENT OF PRODUCTIVE FUNCTIONS OF FORESTS

Based on natural processes (local conditions) fine-tuning silvicultural\* systems (seed tree, shelterwood, selection)

to promote **viability and productivity of forest ecosystems** (incl. carbon sequestration and carbon balance)

*\*Silviculture is the art and science of controlling the establishment, growth, composition, and quality of forest vegetation for the full range of forest resource objectives.*

# Forest Related Research & Development

MAINTENANCE, CONSERVATION AND APPROPRIATE ENHANCEMENT OF BIOLOGICAL DIVERSITY IN FOREST ECOSYSTEMS

Monitoring and related studies concerning forest management, nature protection and the influence to the biodiversity, proposals for further improvement of management and protection measures

MAINTENANCE OF OTHER SOCIO-ECONOMIC FUNCTIONS AND CONDITIONS

The **growing demand** for **raw material** for existing and new products (e.g., green chemicals or textile fibres) and for **renewable energy** - research on use of wood



# Forest-based Sector Technology Platform (FTP)

FTP has brought together representatives of industry, research and education and policy makers

**National Support Group (NSG) of Estonia has prepared/adopted National Research Strategy for forest-based sector.**

Strategic Objectives:

- Development of innovative products, taking into account the changing needs of markets and customers;
- Increase the availability and use of forest biomass;
- SFM for different purposes;
- Increase the societal role of the forest sector.



# EU and national R&D funding

- Horizon 2020
- Environmental Investment Centre foundation (Keskkonnainvesteeringute Keskus, KIK)
- State Forest Management Centre (Riigimetsa Majandamise Keskus, RMK)
- LIFE +
- Collaborative Research Projects

# Thank you!

**Rauno Reinberg**

Senior Officer | Forest Department

+372 6262 933 | +372 5635 8942 | [rauno.reinberg@envir.ee](mailto:rauno.reinberg@envir.ee) | <http://www.envir.ee/>

Ministry of the Environment of Estonia | Narva mnt 7a, 15172 Tallinn, Eesti

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