

# **Serbian Forest Policy and Utilisation of Wood Biomass in Serbia**

**Ministry of Agriculture, Forestry  
and Water Management  
- Directorate of Forests -**



**СТРАТЕГИЈА  
РАЗВОЈА ШУМАРСТВА  
РЕПУБЛИКЕ СРБИЈЕ**

**FORESTRY  
DEVELOPMENT STRATEGY  
OF THE REPUBLIC OF SERBIA**

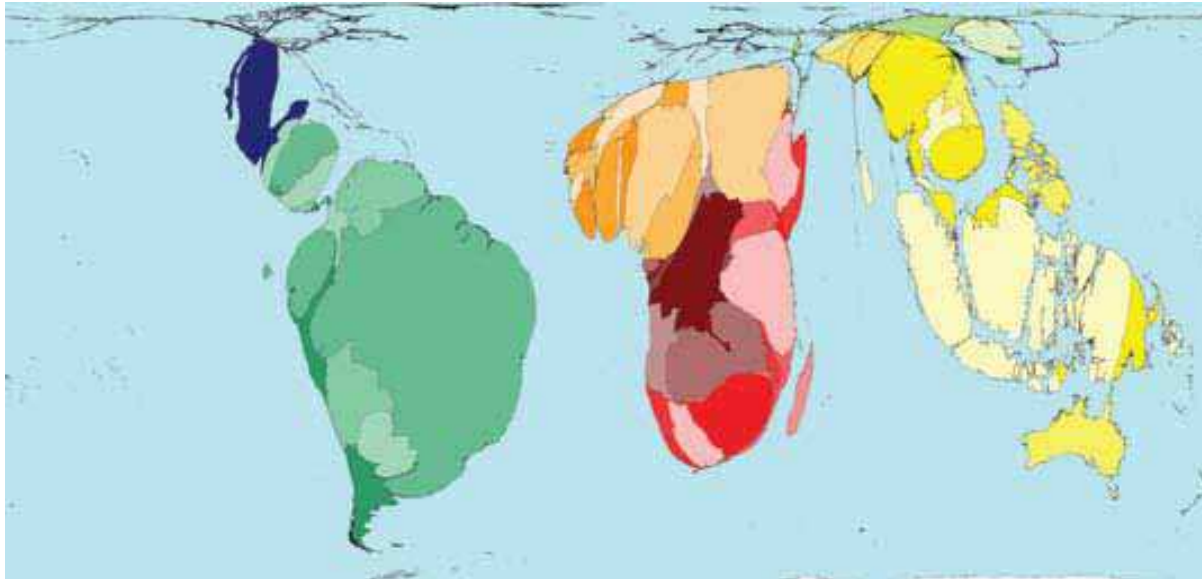
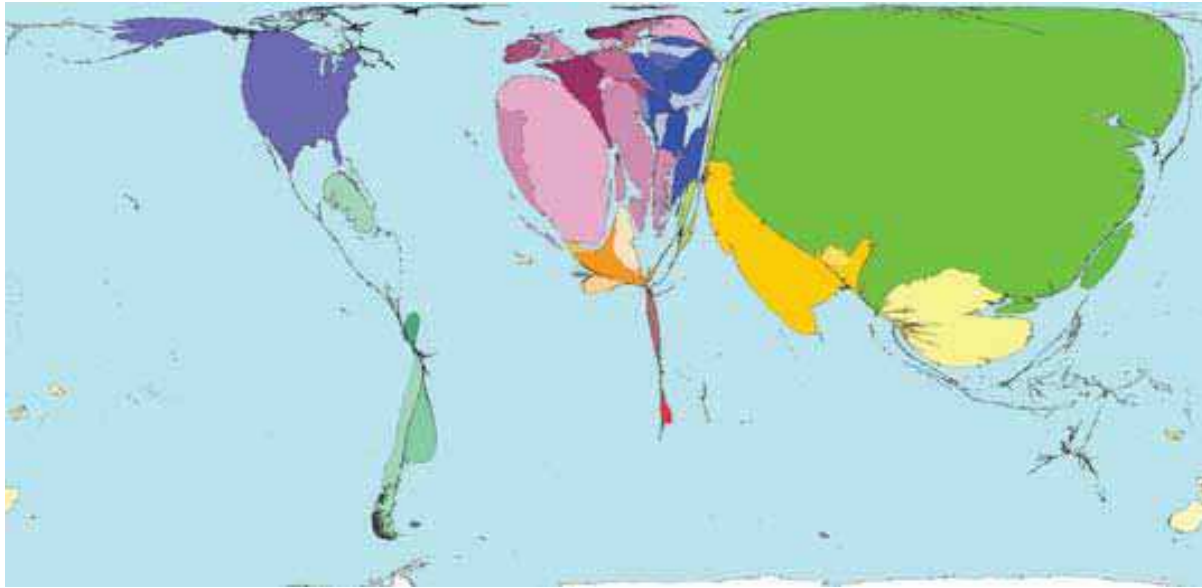
# Significance for forestry sector and civil society

- Ecological
- Economical
- Social

# FORESTRY DEVELOPMENT STRATEGY

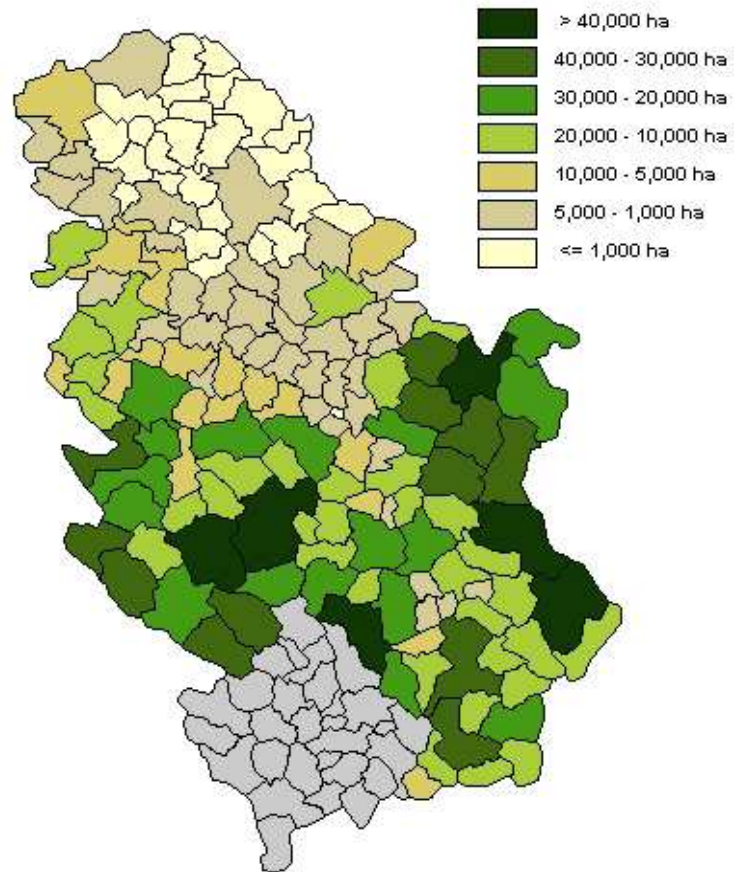
- *sustainable management of the forests in the protected nature areas*
- *improve the genetic potential*
- *sustainable utilisation of forests*
  
- *development of forestry as an economy branch*
- *increase the contribution of the forest sector to the economic and social development*
- *sustainable and economically efficient wood industry sector*
  
- *sustainable development of the state forest sector*
- *sustainable development of private forestry in the framework of rural development*
- *education*
- *research and capacity building*
- *exchange of information, awareness raising and active participation*
- *international cooperation*

*Amount of forest growth per country between 1990 and 2005.*

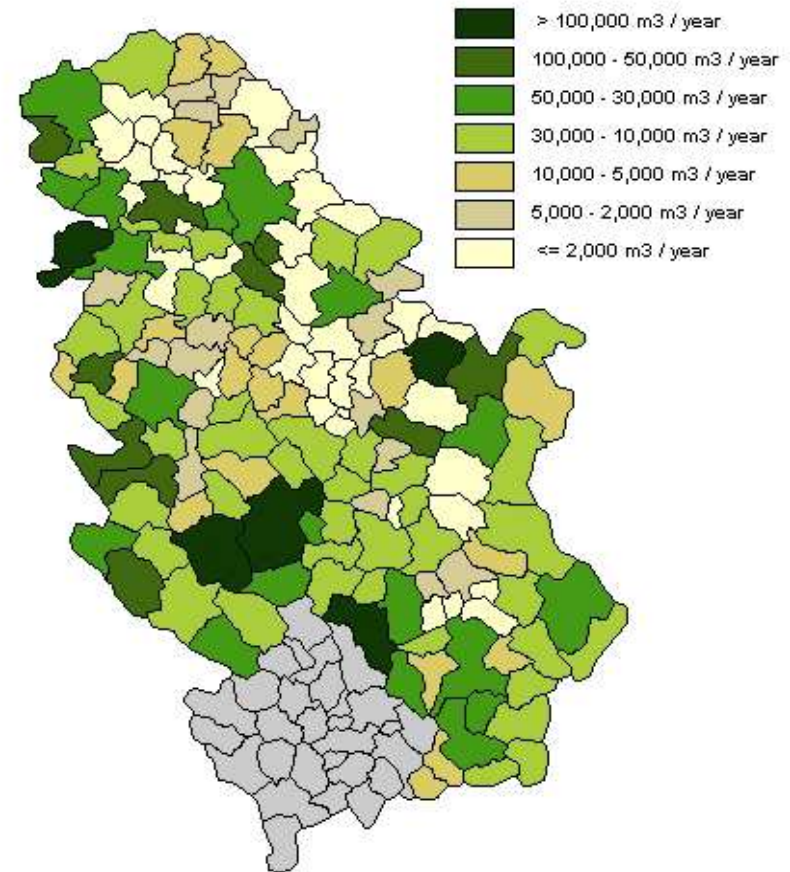


*Amount of forest loss per country between 1990 and 2005*

# Forest areas in Serbia

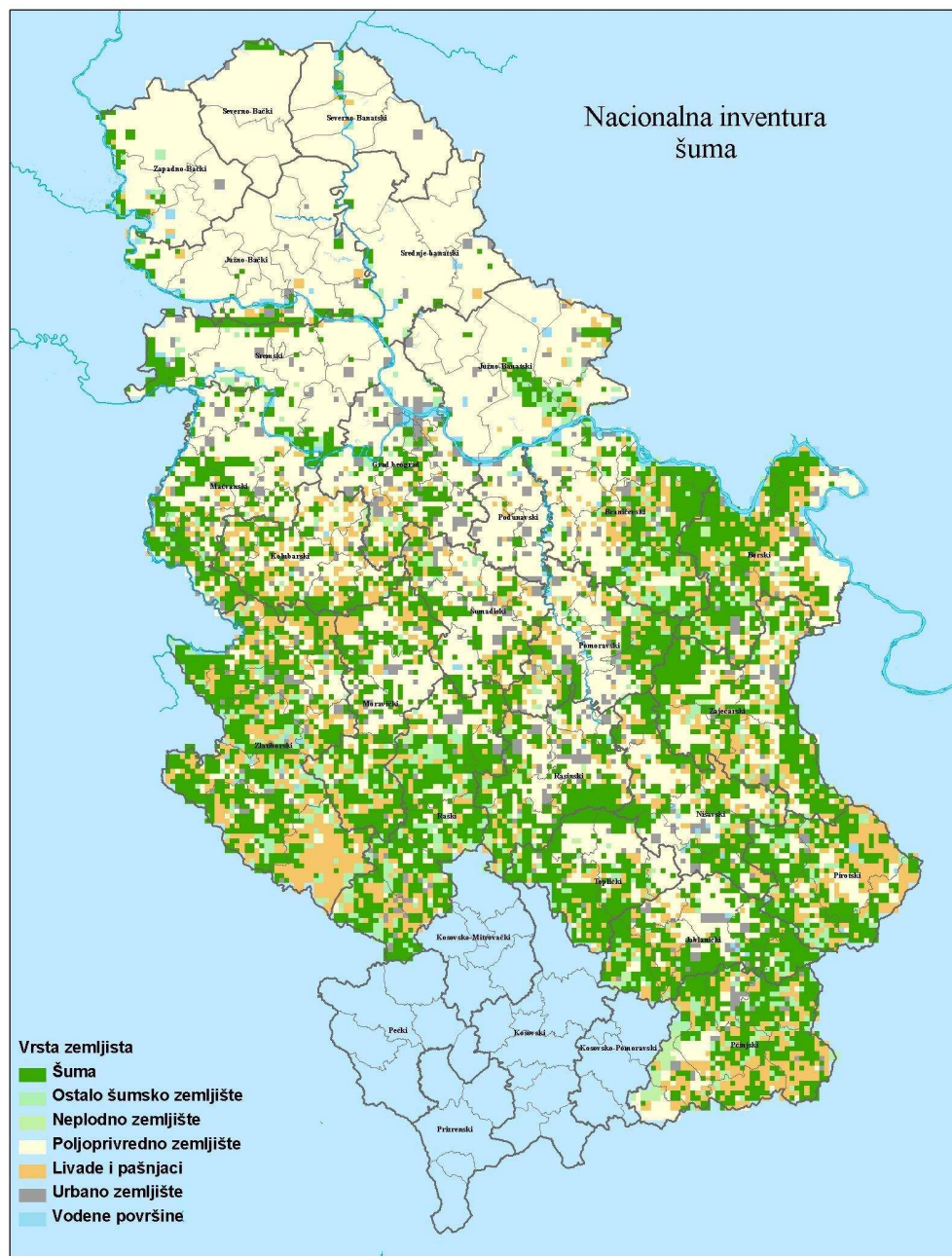


Forests in Serbia



Wood Cutting in Serbia

# NFI forest conditions (without K&M)



**Area:** 2 252 400 ha (29.1%)

**Volume:** 362.5 mil. m<sup>3</sup>

160.9 m<sup>3</sup>/ha

**Annual increment:** 9.079 mil. m<sup>3</sup>

4.0 m<sup>3</sup>/ha

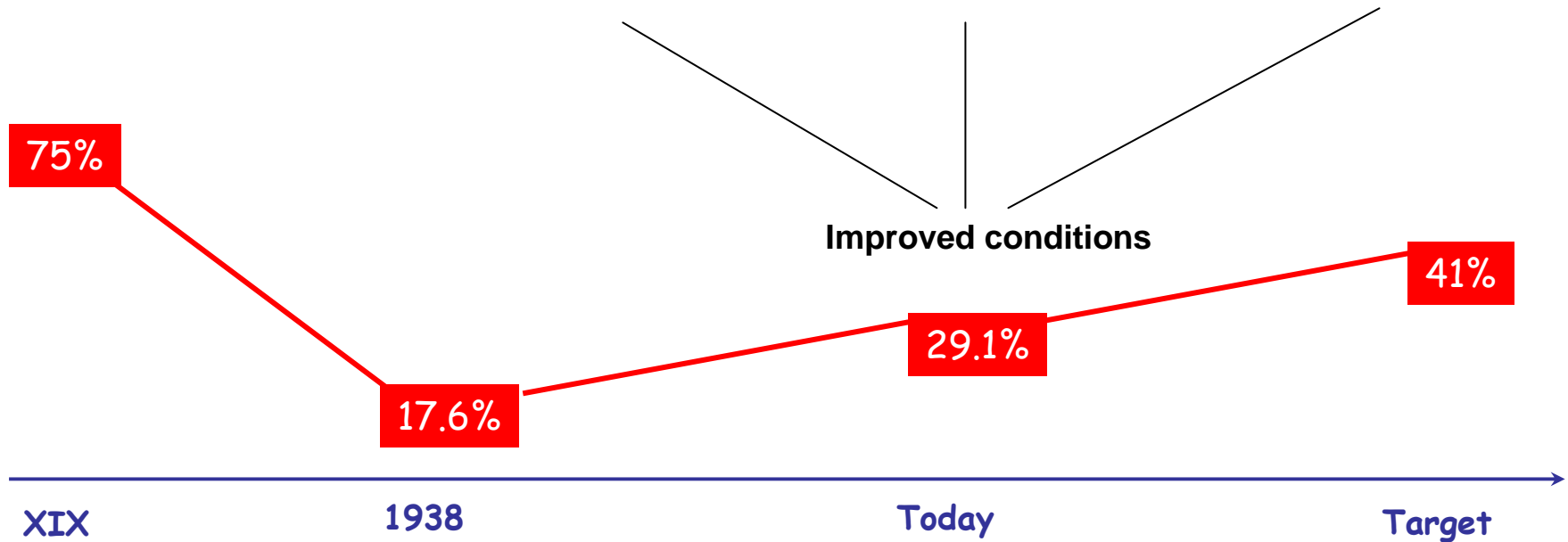
Total growing stock 362 mill m<sup>3</sup>

Forest area 2.25 mill ha + 1 mill ha (3.5 mill ha)

Annual increment 9 mill m<sup>3</sup> + 5 mill m<sup>3</sup> + 5 mill m<sup>3</sup>

Annual removals abt 3 mill m<sup>3</sup>

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Improved conditions

52.2 % Private  
47.8 % State

# Average share of different categories of wood in the total mass of the tree

Wood assortments	Share in the total mass	Comment
Round wood	16%	For the market
Stacked wood	42%	For the market
Bark peeled from wood	4%	Left in forest
Residues of wood cutting in forest	9%	Partly used
Small branches	11%	Partly used
Stumps	18%	Left in for ests
Leaves and needles	Ignored	—

Sources: Ilic, M., Grubor, B., Tesic, M.: The State of Biomass Energy in Serbia

# Political and legal aspects of wood biomass utilisation

- **Political framework**
  - clear definition of RES using goals,
  - provide a wide political support,
  - acceptance of global standards and harmonization in a wide economic surrounding and with EU policy,
  - clear definition of new and updating current legislation (process started- Law on Energy, Energy Development Strategy by 2015),
  - development of regional energy market,
  - improve investments,
  - cross-sectoral cooperation in RES,
  - etc.
- **Identification of related legislation**
  - Law on Energy
  - Energy Development Strategy
  - Law on RSE (draft)
  - Law on Mining
  - Law on Forests (draft)
  - Law on Concessions
  - etc.

# **Institutional framework for wood biomass utilisation in Serbia**

- **State administration**
  - Ministry of Agriculture, Forestry and Water Management,
  - Ministry of Environment and Spatial Planning,
  - Ministry of Mining and Energy
- **Private Forest Owners**
- **Forestry Public Enterprises**
  - PE "Srbijašume"
  - PE "Vojvodinašume"
  - 5 PEs National Parks
- **Non-governmental organisations and chambers**
- **Local administration**
- ..... all other interested parties and stakeholders...

# PROJECT FRAMEWORKS

- 2007
  - Strategy for the Utilization of Wood Biomass for Energy in Serbia-(working paper by Jeff Burton - volunteer adviser)
- 2008
  - National Forest Action Programme (draft)
  - UNDP: Promoting Renewable Energy at Local Level
  - FAO/TCP: Wood Energy for Sustainable Rural Development in Serbia

# OBJECTIVES

- Identification of Serbian biomass potentials
- Exact and accurate biomass data
- Capacity building (80 people network for collecting biomass data)
- Database (wood energy info system)
- National Forest Action Plan (activities)
- Awareness rising
- Local initiatives
- State subventions and incentives
- Promotion of RES
- Research of RES (wood biomass)

**THANK YOU FOR YOUR  
ATTENTION!**