Strategic Directions of Forestry Development in the Russian Federation

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Forest sector accounts for **10-50%** of production volume in 45 subjects of the Russian Federation.

- Branches of forest sector employ about **1.1 mln** people.
- **60 thousand** enterprises of forest sector are engaged in wood harvesting and processing.
Implementation of Forest Policy of the Russian Federation

- Federal level
  - Fundamentals of state forest policy
    - Developing forestry
    - Developing industry and increasing its competitiveness
    - State programs of allied industries

- Regional level
  - Forest plans of subjects of the RF
  - State programs of subjects of the Russian Federation
NEW CHAPTERS OF THE FOREST CODE

Chapter 2.1. wood registration and marking
Chapter 2.2. wood transportation and deals
Chapter 2.3. IT-system of wood registration and deals

Statements of the 415-FL

- For the first time it regulates the relations outside forests
- Applied for all the wood, not depending on the cutting site
- Introduces the necessary registration for all the wood cut
- Makes accompanying documents obligatory for the transportation of wood
- Makes declarations on deals with wood obligatory
- Introduces the IT-system of wood registration and deals – Unified State IT System – EGAIS «Wood registration»
- Prohibits the alienation of wood, harvested by citizens for personal purposes
- Makes per-item marking of oak, beech and ash necessary for the export from the Russian Federation
- Ensures the forest declaration and report on forest use are prepared in the electronic form
- Introduces the administrative responsibility for the law offence and illegal timber deals
Protection of Forests from Fires

Priorities:

- **Zoning of Forest fund by areas of economic and environmental feasibility of application of air and ground forces and means for fire extinguishing**
- **Personal responsibility for compliance with rules of fire safety in forests and adjacent lands**
- **Involvement of municipalities and public in works on preventing forest fires**

The number of fires:
- The North-Western Federal district: 16,997
- Central Federal district: 11%
- Southern Federal district: 7%
- North Caucasus Federal district: 6%
- Volga Federal district: 5%
- The Ural Federal district: 12%
- Siberian Federal district: 50%
- Far Eastern Federal district: 1%

The burned area:
- The North-Western Federal district: 3,665.7 thousand hectares
- Central Federal district: 1%
- Southern Federal district: 49%
- North Caucasus Federal district: 50%
Forest management

Dynamics of volumes of forest management activities on the forest land (million ha)

Priorities:
- Creating institute of professional engineers-taxators, who have the right to conduct forest management works
- Decreasing share of forests with forest inventory materials on them older than 10 years
- Conducting forest management works in areas of intensive agriculture
- Introducing into forest management modern technologies of space monitoring
Intensification of Forest Use and Regeneration

Transition to intensive model

Priorities:
1. Developing regulatory framework for intensification of forest management
2. Selecting pilot regions to create projects on intensification of forest management
3. Introducing modern technologies of cultivating planting material and creating forest stands
4. Creating monitoring system of forest regeneration

- Reducing area of exploitable forests
- Preserving less damaged forest territories
- Reducing costs on wood harvesting
- Increasing requirements for forest reproduction
- Increasing investment attractiveness
- Ecology
Developing network of forest breeding and seed production centers, including in form of state-private partnership

- Securing positive balance between forest regeneration and extraction
- Transition to life cycle contracts for measures on forest regeneration

**Priorities:**
1. Republic of Tatarstan
2. Altai Krai
3. Kostroma Oblast
4. Voronezh Oblast
5. Arkhangelsk Oblast
6. Leningrad Oblast

**Greenhouses**
1. Arkhangelsk Oblast
2. Vologda Oblast
3. Komi Republic
4. Pskov Oblast
5. Republic of Karelia
6. Khabarovsk Krai
7. Nizhny Novgorod Oblast
8. Irkutsk Oblast
9. Leningrad Oblast

**Business – projects**
1. Mondi (Komi Republic)
2. GS Group (Pskov Oblast)
Prospects for Use of Forest Biomass for Energy Production

- Annual growth: 1,020 mln. m³
- Allowable cut: 672 mln. m³
- Logging volume: 250 mln. m³
- 100 settlements
- Low quality wood and wastes: 190 mln. m³
- Risks increasing fire danger: 250 mln. m³

Volume of global market for wood pellets, mln ton

Traditional
- Use of firewood and chips

Prospective
- Production of fuel granules and briquettes

Innovative
- Production of biodiesel
- Production of biospirits

Volume of global market for wood pellets
- 13 mln ton in 2009
- 22 mln ton in 2013
- 30 mln ton in 2016
- 45 mln ton in 2019

Volume of Russian exports of wood pellets
- 0.6 mln ton in 2009
- 1.4 mln ton in 2013
- 2.0 mln ton in 2016
- 8.0 mln ton in 2019
Renovation of Forest Districts’ Buildings
The Industry’s Professional Standards

“Professional standards, first of all, should be mandatory for governmental agencies, state-owned companies and budget organizations”

V.V. Putin

List of professional standards for specialists of forest occupations:

- Skydiver (paratrooper) - firefighter
- Engineer - taxator
- Pilot - observer
- Engineer on forest protection
- Technician – taxator
- Engineer on forest management
- Technician – forest pathologist
- Engineer on forest regeneration
- Woodman
- Woodward, assistant woodward
- Master of forest
- District woodward, assistant district woodward
- Master of nursery
- Forest fireman
- State inspector on forest protection
- Forester
- Instructor of parachute and airborne fire service
- Engineer – forest pathologist
Thank You for Your Attention!