The System of C&I SFM: Russian Approach

M. Palenova, A.Filipchuk, B. Moiseyev

All-Russian Research Institute for Silviculture and Mechanization of Forestry,
Federal Forestry Agency,
Russia

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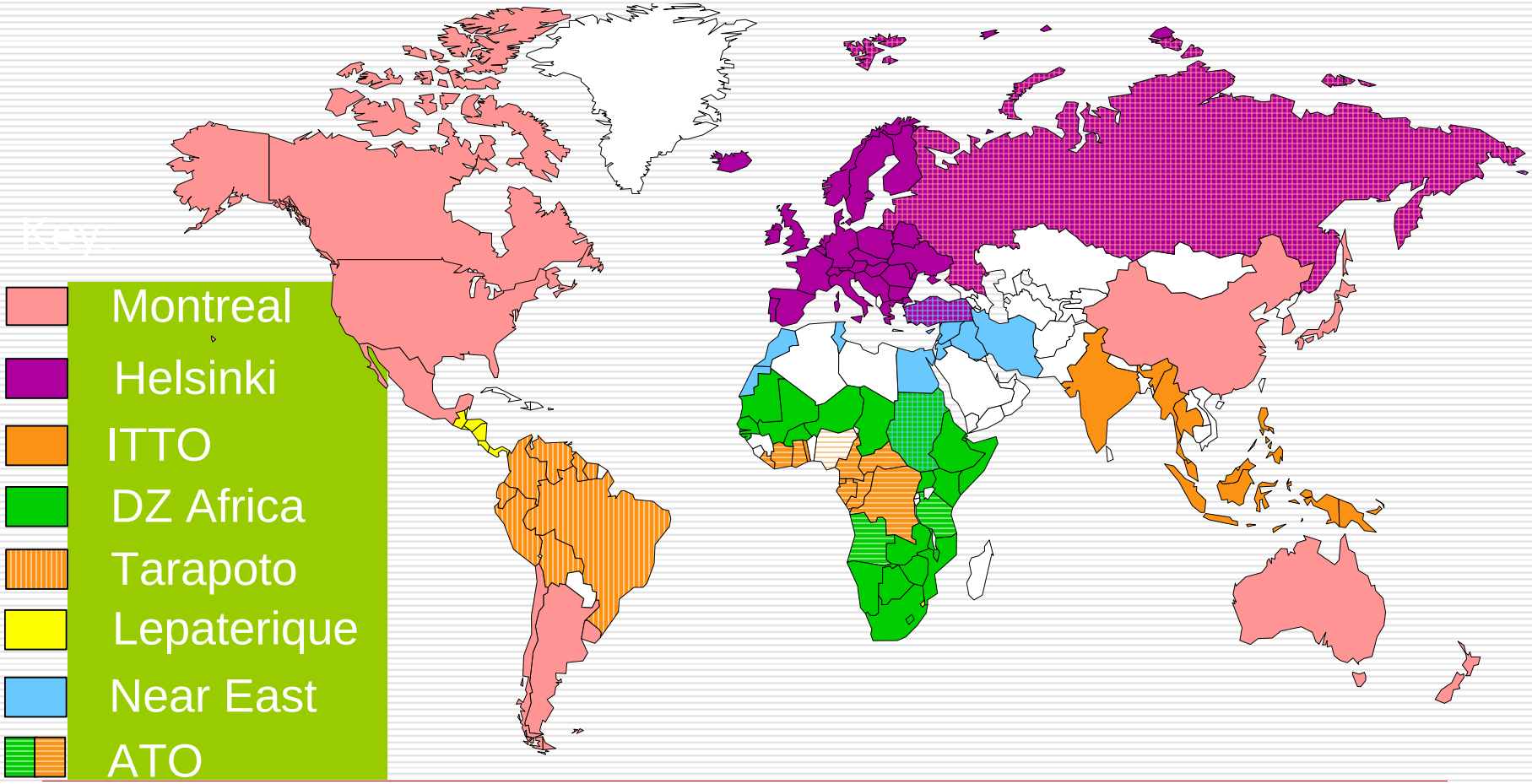
Nations involved in intergovernmental SFM Processes

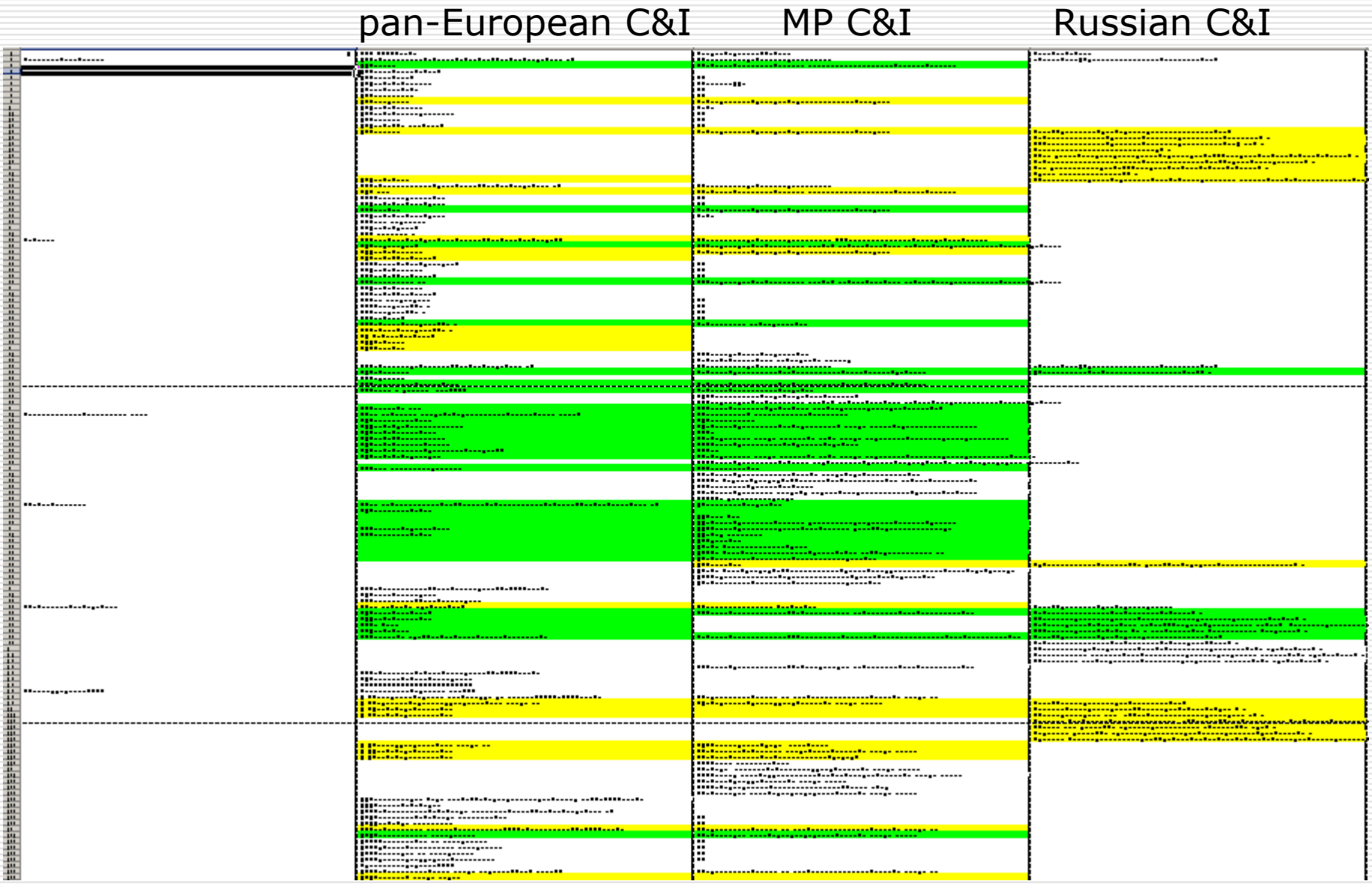


Participating countries are striving to use C&I to achieve the SFM.

Russian reporting Progress towards SFM

- Annual Report of Condition and Use of Forests of the Russian Federation: Russian national C&I set
- Russian National Report to Montreal Process: C&I for the Conservation and Sustainable Forest Management of Temperate and Boreal Forests (each 5 y.)
- Russian National Report to Forest Europe: pan-European C&I (each 5 y.)

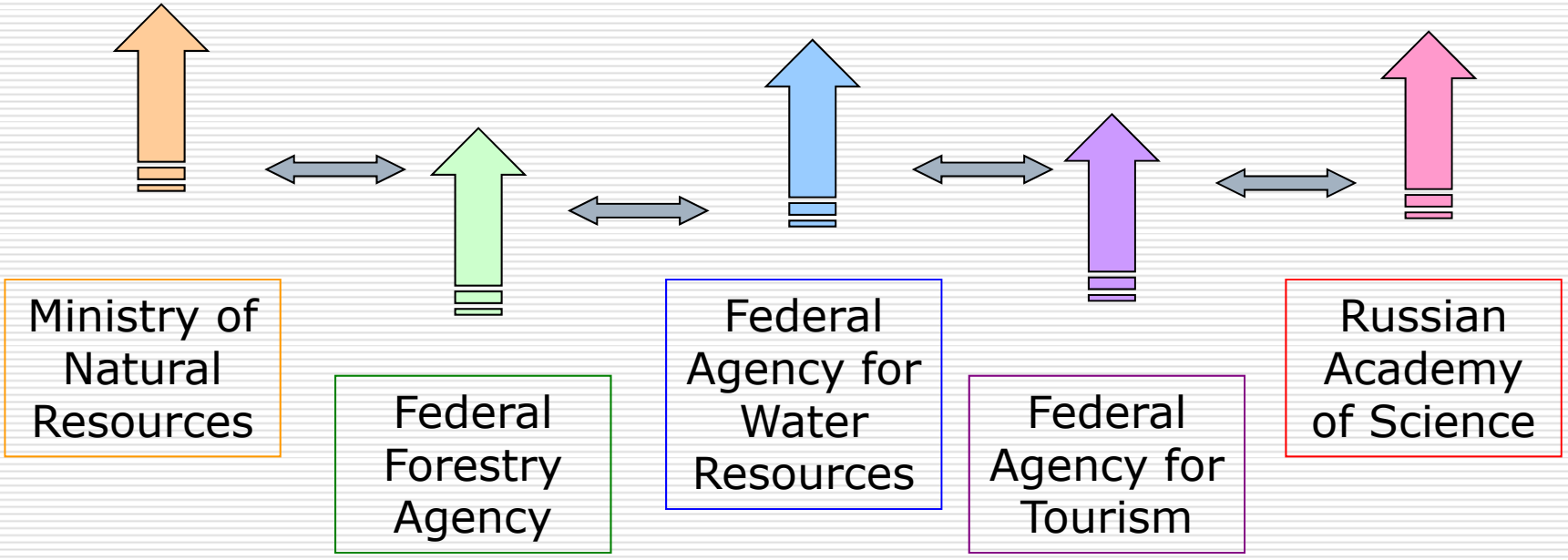
Comparison of the Russian set of indicators to indicators of two regional C&I processes on SFM



Comparison of the Russian set of indicators to indicators of two regional C&I processes on SFM

pan-European C&I	MP C&I	Russian C&I
6: How much forest area is protected and designated for the conservation of biodiversity and how has it changed over time? 6.1 Conservation of biodiversity 6.2 Forest area within protected areas 6.3 Conservation of biodiversity	1 - Conservation of biological diversity 1.1 Ecosystem diversity 1.1.a Area and percent of forest by forest ecosystem type, successional stage, age class, and forest ownership or tenure 1.1.b Area and percent of forest in protected areas by forest ecosystem type, and by age class or successional stage 1.1.c Fragmentation of forests 1.2 Species diversity 1.2.a Number of native forest associated species 1.2.b Number and status of native forest associated species at risk, as determined by legislation or scientific assessment 1.2.c Status of on site and off site efforts focused on conservation of species diversity	
	1.3 Genetic diversity	3g) share of area of created artificial forests with the improved hereditary properties to the total area of artificial reforestation, % <**>;
	1.3.a Number and geographic distribution of forest associated species at risk of losing	

Slight interagency cooperation



Comparison of the Russian set of indicators to indicators of two regional C&I processes on SFM

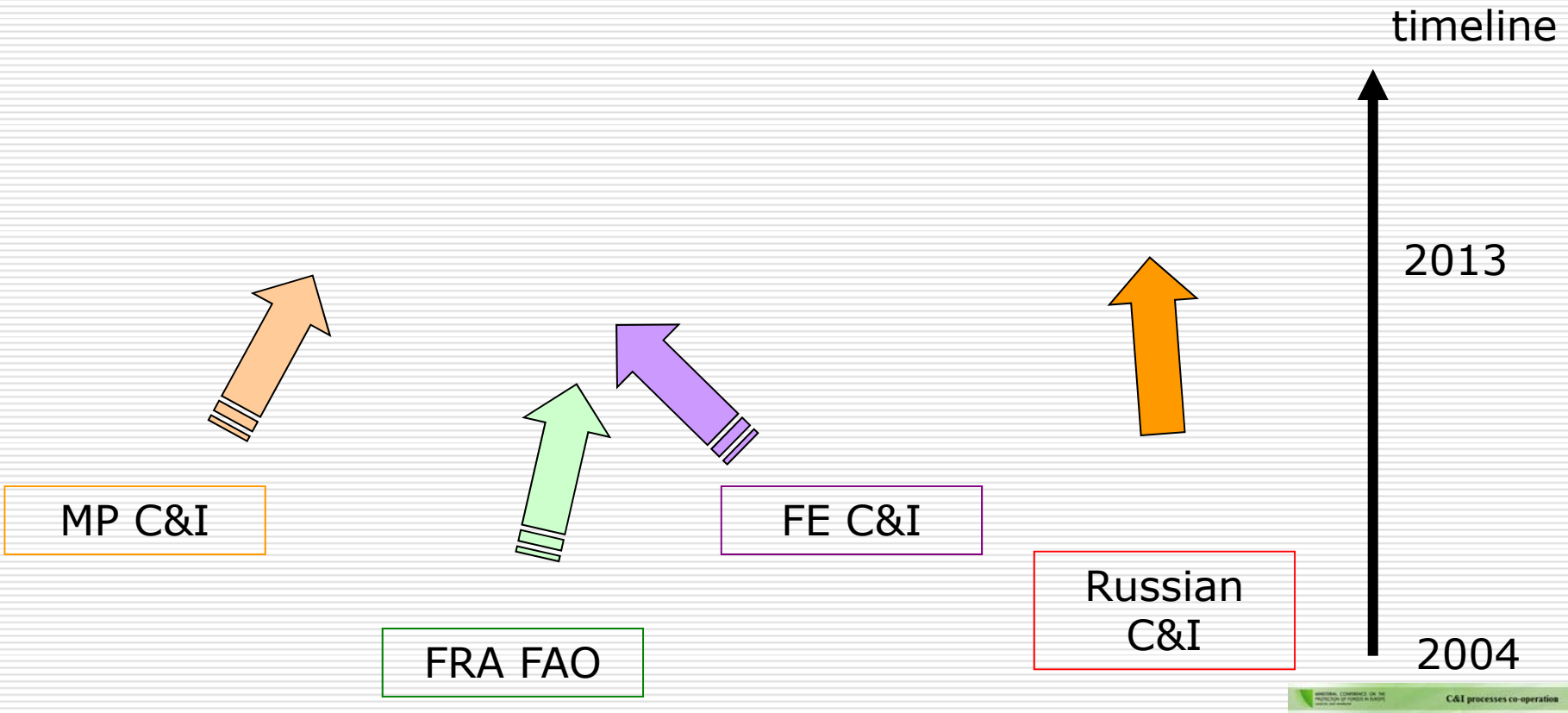
Russian C&I

- **Criterion 4. Organization and providing of forest protection on state forest:**
- 4a) share of area of forests on forested lands of state forestry fund lost due to pests and diseases, %
- 4b) ratio of area of forest pathology surveys conducted to the total area of forest pests centers and of damaged and lost forests , %
- 4c) ratio of area of sanitary measures carried out to the total area of forest pests centers requiring countermeasures and of damaged and lost forests, %
- 4d) ratio of area of eliminated forest pests centers to the total area of requiring countermeasures and of damaged and lost forests, %

Russian system of SFM criteria and indicators

- The set significantly differs from criteria and indicators of the Montreal process and the process Forests Europe as its initial purpose is not the complex assessment of the condition of forest resources and forest management but mainly the assessment of efficiency of performance of tasks set by Rosleskhoz

Slow changes in the Russian C&I set



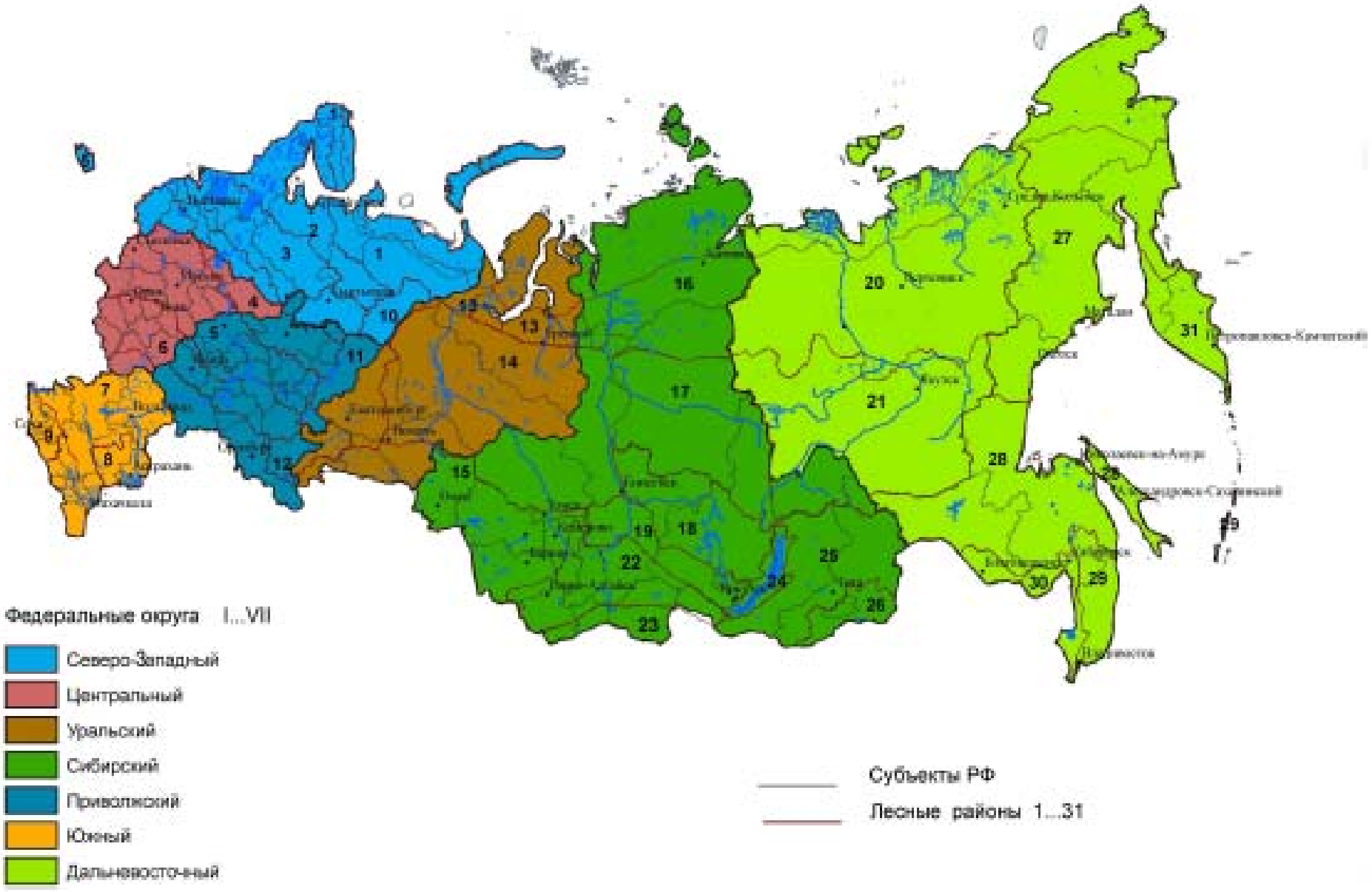
Historically Russia used another principle of formation of system of C&I

300 years of Russian forest service

The Russian C&I set and system of data collection on forest resources and C&I set were conditioned by

- state ownership on the forests,
- strict administrative management,
- government funding of forestry

Federal District, subjects of the RF and forest areas

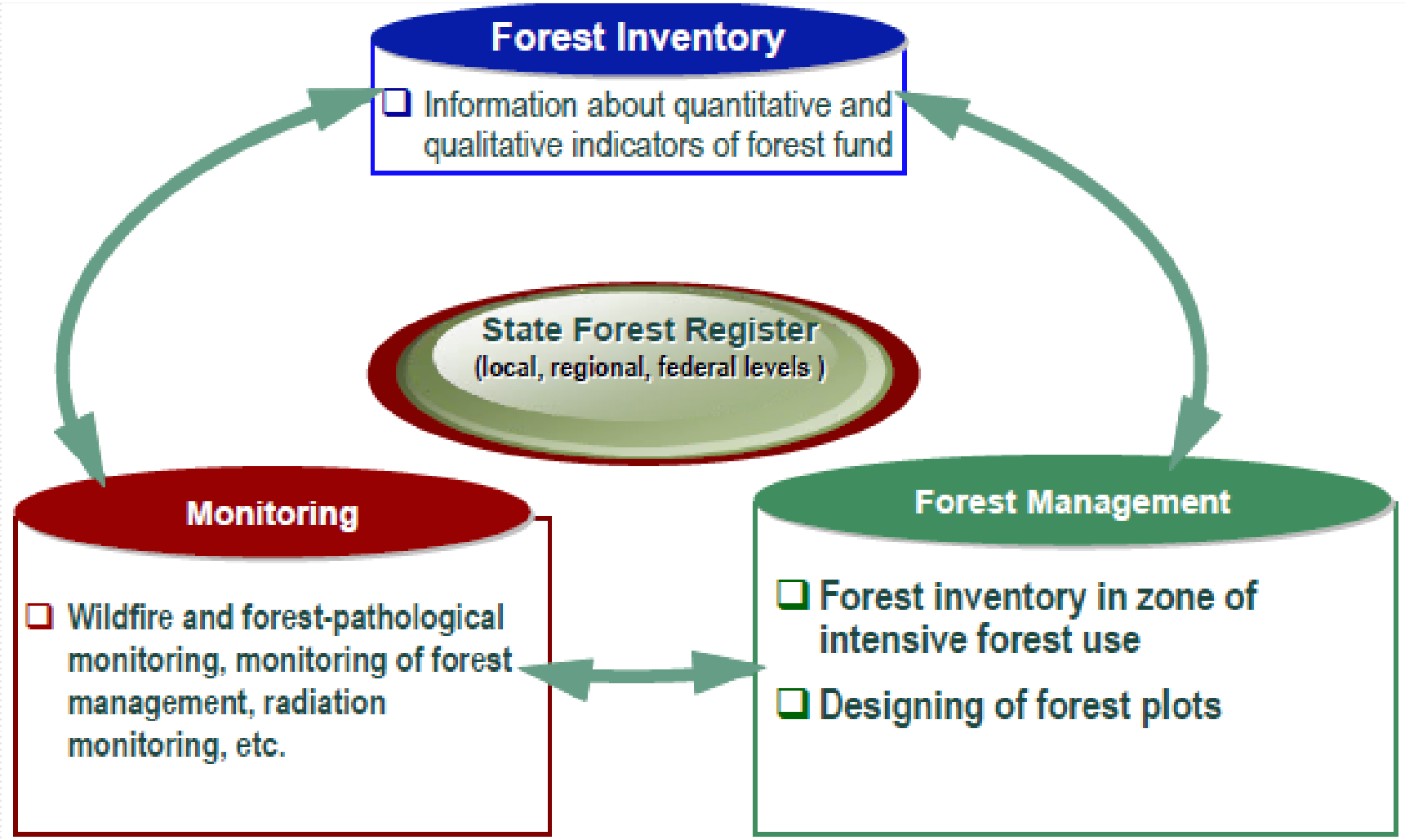


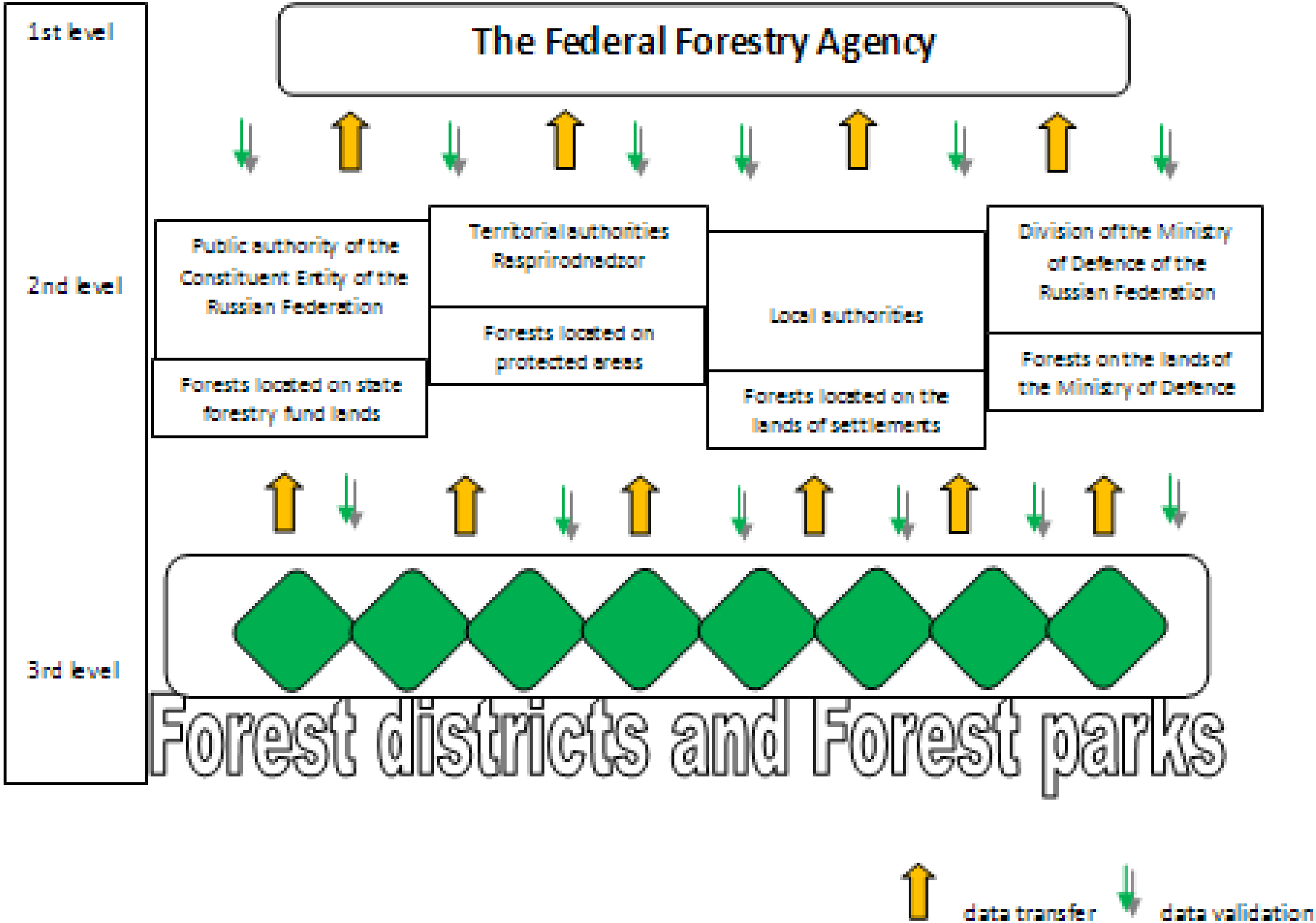
- State ownership of forests in Russia

- The existence of planned forest management and forest inventory in Russia allowed to provide regular, generalized and detailed information of the forests condition for governing bodies for a long time already.

- Regular assessment of changes impacting on forest ecosystems: since the beginning of 20th century (1888 Report of Forestry Department) in Russia the process of regular collecting of detailed information about the condition of forest resources started.

Currently the main information on forests and forest management in Russia is collected within the State Forest Register (SFR) and the system of Forest Monitorings




1st level
The Federal Forestry Agency
2nd level
Public authority of the Constituent Entity of the Russian Federation
Territorial authorities Resprirodnadzor
Local authorities
Division of the Ministry of Defence of the Russian Federation
Forests located on protected areas
Forests on the lands of the Ministry of Defence
Forests located on state forestry fund lands
Forests located on the lands of settlements
3rd level
Forest districts and Forest parks
data transfer
data validation

Target indicators of long-term Strategy Implementation (regarding forestry development)

Target indicators	2007	2012	2017	2020
Forests harvested, thousand ha (clear cutting)	757	810	905	1000
Forests regenerated, thousand ha	872	915	980	1040
Incl. planted areas	202	215	230	283
Forest income, billion rubles	9,9	17,9	20,9	23,0

The system of Russian performance targets indicators, defined for each subject of the Russian Federation (2007)

1. Volume of cuttings per 1 hectare on forested lands of the state forestry fund, m^3/hectare.
2. Ratio of the cost of 1 m^3 of timber cut to the rate of payment for a unit of timber volume established by the Government of the Russian Federation, %.
3. Amount of payments in the budgetary system of the Russian Federation from forest use per 1 hectare of forest fund lands, rub/hectare.
4. Share of the forested lands area of the state forestry fund lost due to fires, %.
5. Specific area of forested lands of the state forestry fund lost due to pests and diseases, %.
6. Ratio of the area of artificial reforestation to the area of continuous cuttings on forest fund lands, %.
7. Share of the area of valuable forest stands in forested lands of the state forestry fund, %.
8. General average increment per 1 hectare on forested lands of the state forestry fund, m^3/hectare.
9. Forest cover ratio of the territory of the subject of the Russian Federation, %.
10. Detectability of forest legislation violations, %. Share of forest legislation violations which were prosecuted
11. Compensation of the damage from forest legislation violations, %.

Russian target indicators

Organization of use of forests

Forest use, m^3/ha

Auction price, rouble / m^3

Forest revenue, rouble / ha

Qualitative condition of forests

Share coniferous stands, %

Dynamics of increment, m^3/ha

Dynamics of forest cover, %

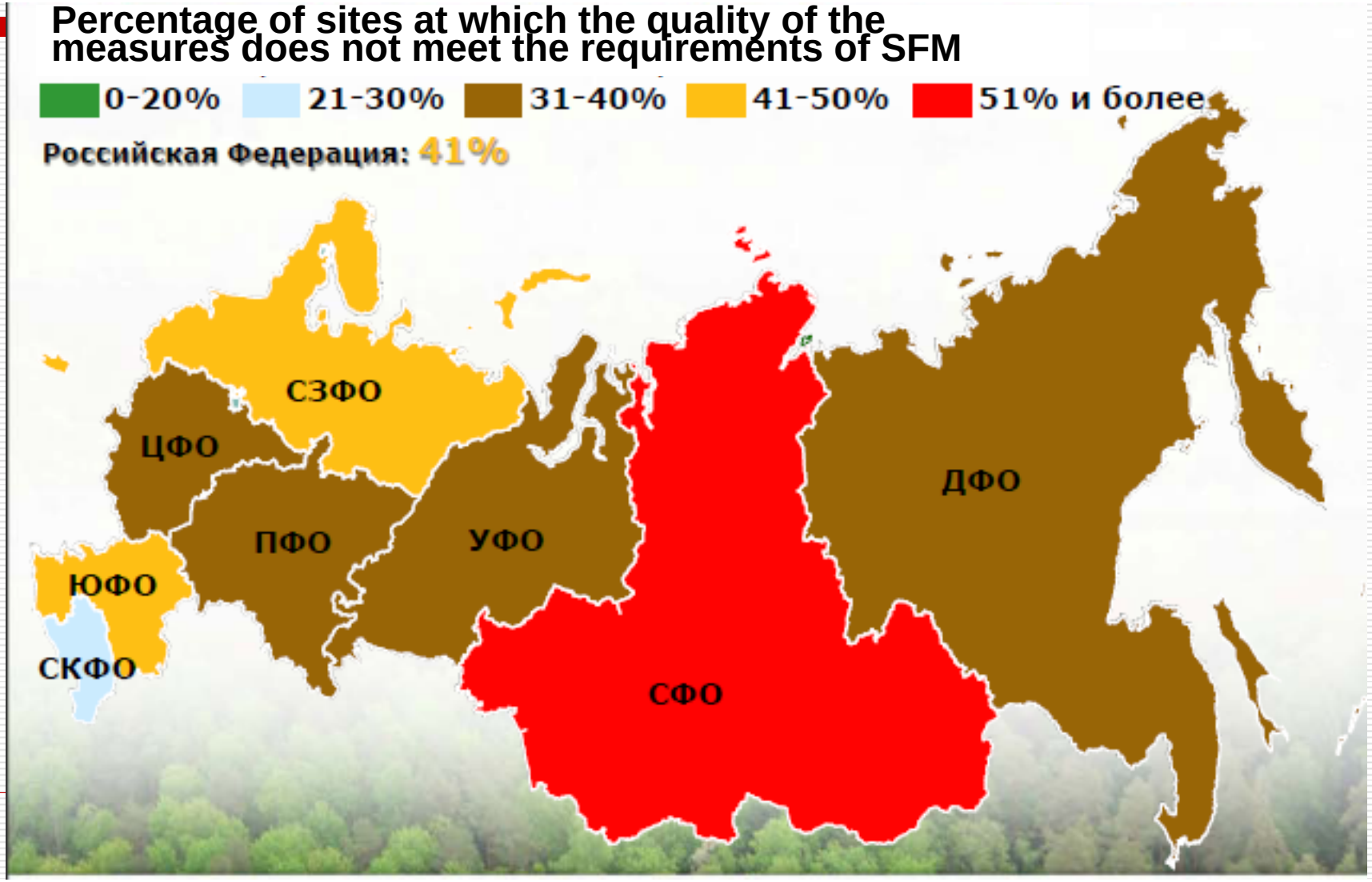
Organization and providing of forest regeneration, forest protection

Share of area of forests on forested lands of state forestry fund lost due to fires, %

Share of area of forests on forested lands of state forestry fund lost due to pests and diseases, %

Ratio of area artificial reforestation to area of final cuttings, %

The final evaluation of the effectiveness of forest management in the regions of Russia by Federal Districts in 2010



Assessment of the level of efficiency of execution of office subjects of the Russian Federation in 2010

New Russian C&I set (2012)

32 indicators in 6 theme groups (criteria)

- organization of use of forests on forest fund lands (4 criteria);
- organization and providing of forest fire protection (4 criteria);
- organization and providing of forest reproduction on forest fund lands (9 criteria);
- organization and providing of forest protection on forest fund lands (4 criteria);
- carrying out of federal state forest supervision on forest fund lands (6 criteria);
- financial and economic organization of exercise of powers delegated to the subjects of the Russian Federation in the field of forest relations (5 criteria).

Use of C&I sets in national forest policies and in assessing SFM at national level

The Russian criteria is a federal level tool working on the basis of a database filled for SFR and FMS.

The main destination of the Russian criteria is the creation of comparable analytical information for coordination of actions in the system of forest management and decision-making at the federal level.

Use of C&I for SFM in other sectors in Russia

- Annual state reports "About the condition and environmental protection of the Russian Federation" (Ministry of Natural Resources of the Russian Federation)
- National reports of the Russian Federation to the Secretariat of the Convention on biological diversity about the situation with forest biodiversity ((Ministry of Natural Resources of the Russian Federation and RAS)
- Reports concerning Kyoto Protocol and the Framework Convention of the UN on climate change (Roshgydromet)

Use of C&I for SFM in other sectors in Russia

The approaches developed within the processes on C&I SFM were used by Russian NGO :

- The World Bank develops the PROFOR/Bank's approach to creating a Governance diagnostics tool (www.profor.info/profor/knowledge/defining-forest-governance-indicators),
- WWF of Russia developed its own technique of rating of public administration of forests in the subjects of the Russian Federation (www.wwf.ru),
- Model Forests of Russia
- Development of criteria, lists and parameters of diferent HCVF types

Thank You for Your Attention!

Спасибо за внимание!