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| **UNECE** | **FAO** |  | **COST Action FACESMAP** |

***Joint***

***COST Action FACESMAP/UNECE/FAO***

***Enquiry***

***on***

***Forest Ownership in the ECE Region***

***Russian Federation***

*2nd November 2015*

**United Nations, Geneva**

**20 March 2015**

|  |  |
| --- | --- |
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|  |  |
| --- | --- |
| **1.1** | **Forest Ownership** |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
| **The State Forest Register (SFR)** | **H** | **Public ownership** | **1988-2014** | **NFI** | **Bushes and city woods are excluded.** |
| **FRA-2015** | **H** | **Public ownership** | **1990-2015** |  | **References** |
|  |  |  |  |  |  |

**Table 1a: Area of forest and Forest Available for Wood Supply (FAWS)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Ownership category** | | **Forest area (1000 ha)** | | | **Of which FAWS (1000 ha)** | | |
|  | | **1990** | **2010** | **2015** | **1990** | **2010** | **2015** |
| **Public ownership (total)** | | **808,949.9** | **815,135.6** | **814930.5** | **698527.0** | **677203.7** | **670126.0** |
|  | Owned by the state at national level | 808,949.9 | 815,135.6 | 814930.5 | 698527.0 | 677203.7 | 670126.0 |
| Owned by the state at sub-national government scale |  |  |  |  |  |  |
| Owned by local government |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |
| **Private ownership (total)** | | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Owned by individuals and families |  |  |  |  |  |  |
| Owned by private business entities |  |  |  |  |  |  |
| Owned by private institutions |  |  |  |  |  |  |
| Owned by tribal and indigenous communities |  |  |  |  |  |  |
| Owned by other private common ownership |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |
| **Unknown ownership (total)** | | 0 | 0 | 0 | 0 | 0 | 0 |
| **TOTAL** | | **808,949.9** | **815,135.6** | **814930.5** | **698527.0** | **677203.7** | **670126.0** |

**Table 1b: Area of forest by management status**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Ownership category** | | Forest area primarily managed by the owner (1000 ha) | | | Forest area primarily managed by others  (1000 ha) | | | Unknown forest management status (1000 ha) | | |
|  | | **1990** | **2010** | **2015** | **1990** | **2010** | **2015** | **1990** | **2010** | **2015** |
| **Public ownership (total)** | | 808949.9 | 615317.0 | 577720.0 | 0 | 193352.2 | 236494 | 0 | 6466.4 | 710.5 |
|  | Owned by the state at national level |  |  |  |  |  |  |  |  |  |
| Owned by the state at sub-national government scale |  |  |  |  |  |  |  |  |  |
| Owned by local government |  |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |
| **Private ownership (total)** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | Owned by individuals and families |  |  |  |  |  |  |  |  |  |
| Owned by private business entities |  |  |  |  |  |  |  |  |  |
| Owned by private institutions |  |  |  |  |  |  |  |  |  |
| Owned by tribal and indigenous communities |  |  |  |  |  |  |  |  |  |
| Owned by other private common ownership |  |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |
| **Unknown ownership (total)** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TOTAL** | | **808949.9** | **615317.0** | **577720.0** | **0** | **193352.2** | **236500** | **0** | **6466.4** | **710.5** |

**Country comments:**

1. Harmonization of reporting

|  |  |
| --- | --- |
| **Tables 1a and 1b category** | **Comments related to the relevance of national classifications and definitions to the system proposed in this questionnaire.** |
| FAWS | All forest lands have been excluded from calculations for Especially protected territories and Protective forests where fellings wood are forbidden. |
| Forest area primarily managed by others | The forest area pitched in long-term rent. |
| Unknown forest management status | The forest area without forest managementand plans. |
|  |  |

2. Description of reported data

|  |  |
| --- | --- |
| Tables 1a and 1b category | Comments on the reported status and trends. Information about subregional variety. Additional information, examples, description of the reported area.  *Please provide this information, in particular if quantitative data is not available; use additional sheets if needed.* |
| Forest area | Reduction of the Forest area for 2015 is invoked of the State forest resources lands by mass transfer under city and industrial building. |
| Of which FAWS | Decrease in area FAWS descends at the expense of augmentation of the forest area where industrial cutting are legally forbidden. |
|  |  |
|  |  |

**Reporting note:**

1. ***Reference years:*** The figures for the reporting years refer to the situation in a nearest year for which data is available.

|  |
| --- |
| **Reporting form 2: Forest properties** |

**Terms and definitions**

|  |
| --- |
| **PROPERTY**  The forest area owned by one owner (as defined below), including all parcels of land in a country.  **Explanatory notes:**   1. *Includes:* all parcels of forest land owned by an owner, also if the parcels are managed in different ways. 2. For properties with shared ownership, they should be reported according to the category, which hold the majority of shares. |

|  |
| --- |
| **OWNER**  An owner is understood as any type of physical or legal entity having an ownership interest in a property, regardless of the number of people involved. An owner may belong to public ownership (i.e. the state, a local government unit) or private ownership (i.e. an individual, a combination of individuals; a legal entity such as a corporation or institution). |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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|  |  |  |  |  |  |

**Table 2: Area and number of forest properties**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Ownership category** | | **Year** | **Area and number of forest properties by size** | | | | | | | | | |
| **Total** | | **≤ 10 ha** | | **11-50 ha** | | **51-500 ha** | | **≥ 500 ha** | |
| Area (1000 ha) | Number | Area (1000 ha) | Number | Area (1000 ha) | Number | Area (1000 ha) | Number | Area (1000 ha) | Number |
| Public ownership (total) | | 2015 | 814,930.5 | n.a |  |  |  |  |  |  |  |  |
| 2010 | 815,135.6 | n.a |  |  |  |  |  |  |  |  |
| 1990 | 808,949.9 | n.a |  |  |  |  |  |  |  |  |
|  | …of which owned by local government | 2015 |  |  |  |  |  |  |  |  |  |  |
| 2010 |  |  |  |  |  |  |  |  |  |  |
| 1990 |  |  |  |  |  |  |  |  |  |  |
| Private ownership (total) | | 2015 | 0 |  |  |  |  |  |  |  |  |  |
| 2010 | 0 |  |  |  |  |  |  |  |  |  |
| 1990 | 0 |  |  |  |  |  |  |  |  |  |
| Unknown ownership (total) | | 2015 | 0 |  |  |  |  |  |  |  |  |  |
| 2010 | 0 |  |  |  |  |  |  |  |  |  |
| 1990 | 0 |  |  |  |  |  |  |  |  |  |
| TOTAL | | 2015 | 814,930.5 | n.a |  |  |  |  |  |  |  |  |
| 2010 | 815,135.6 | n.a |  |  |  |  |  |  |  |  |
| 1990 | 808,949.9 | n.a |  |  |  |  |  |  |  |  |

**Country comments:**

1. Harmonization of reporting

|  |  |
| --- | --- |
| Table 2 category | Comments related to the relevance of national classifications and definitions to the system proposed in this questionnaire. |
|  |  |
|  |  |
|  |  |

2. Description of reported data

|  |  |
| --- | --- |
| Table 2 category | Comments on the reported status and trends. Information about subregional variety. Additional information, examples, description of the reported area.  *Please provide this information, in particular if quantitative data is not available; use additional sheets if needed.* |
|  |  |
|  |  |
|  |  |

**Reporting note:**

1. ***Reference years:*** The figures for the reporting years refer to the situation in a reference year, a “central year” (1990, 2010 and 2015) noted in the Table, or in a nearest year for which data is available.

|  |
| --- |
| **Reporting form 3: Characteristics of Forest Available for Wood Supply (FAWS)** |

**Terms and definitions**

|  |
| --- |
| **GROWING STOCK**  Volume over bark of all living trees with a minimum diameter of 10 cm at breast height (or above buttress if these are higher). Includes the stem from ground level up to a top diameter of 0 cm, excluding branches.  **Explanatory notes:**   1. Diameter breast height refers to diameter over bark measured at a height of 1.3 m above ground level, or above buttresses, if these are higher. 2. *Includes:* living trees that are lying on the ground. 3. *Excludes:* smaller branches, twigs, foliage, flowers, seeds, and roots.   (Source: FRA 2015) |

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| --- |
| **NET ANNUAL INCREMENT**  Average annual volume of gross increment over the given reference period less that of natural losses on all trees, measured to minimum diameters as defined for “Growing stock”.  (Source: FRA 2015) |

|  |
| --- |
| **ANNUAL FELLINGS**  Average annual standing volume of all trees, living or dead, measured overbark to a minimum diameter of 10 cm (d.b.h.) that are felled during the given reference period, including the volume of trees or parts of trees that are not removed from the forest, other wooded land or other felling site.  **Explanatory note:**   1. *Includes*: silvicultural and pre-commercial thinnings and cleanings left in the forest; and natural losses that are recovered (harvested).   (Source: TBFRA 2000[[1]](#footnote-1) modified) |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
| The State ForestRegister (SFR) | M | Public ownership | 1988-2014 | NFI | Bushes and city woods are excluded. |
| FRA-2015 | M | Public ownership | 1990-2015 |  | References |
|  |  |  |  |  |  |

**Table 3: Growing stock, growth and drain**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Ownership category** | | **Growing stock**  **(million m3 over bark)** | | | **Net annual increment (1000 m3 over bark)** | | | **Annual fellings**  **(1000 m3 over bark)** | | |
|  | | **1990** | **2010** | **2015** | **1990** | **2010** | **2015\*)** | **1990** | **2010** | **2015** |
| Public ownership (total) | | 69114.11 | 68234.16 | 67670.0 | 845217.7 | 852927.0 | 884566.3 | 325300 | 175000 | 194000 |
|  | …of which owned by local government |  |  |  |  |  |  |  |  |  |
| Private ownership (total) | |  |  |  |  |  |  |  |  |  |
| Unknown ownership (total) | |  |  |  |  |  |  |  |  |  |
| TOTAL | | 69114.11 | 68234.16 | 67670.0 | 845217.7 | 852927.0 | 884566.3 | 325300 | 175000 | 194000 |

\*) – expert assessment.

**Country comments:**

1. Harmonization of reporting

|  |  |
| --- | --- |
| Table 3 category | Comments related to the relevance of national classifications and definitions to the system proposed in this questionnaire. |
| **Net annual increment** | The assumption is made:  Net annual increment (NAI)≈ Mean annual increment(MAI).  MAI = 1.21; 1.26; 1.32 m3/ha\*yr in 1990; 2010; 2015 accordingly. |
| **Annual fellings** | The assumption is made: Annual fellings≈ Annual wood removals |
|  |  |

2. Description of reported data

|  |  |
| --- | --- |
| Table 3 category | Comments on the reported status and trends. Information about subregional variety. Additional information, examples, description of the reported area.  *Please provide this information, in particular if quantitative data is not available; use additional sheets if needed.* |
| **FAWS Growing stock** | Reduction of the area of legally accessible forests |
| **Net annual increment** | Increase of МАI occurs at the expense of increase in the area of young forest stands and climate warming. |
|  |  |

**Reporting notes:**

1. ***Reference years for growing stock:*** The figures for the reporting years refer to the situation in a reference year, a “central year” (1990, 2010 and 2015) noted in the Table, or in a nearest year for which data is available.
2. ***Reference years for net annual increment and annual fellings:***The figures for the reporting years refer to the average for the 5-year periods (1988-1992 for 1990, 2008-2012 for 2010 respectively 2013-2014 for 2015), not to the data for the “central year” (1990, 2010 and 2015) noted in the Table.
3. For a definition of Forest Available for Wood Supply (FAWS) please consult the terms and definitions in Reporting Form 1.

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| **Reporting form 4: Economic indicators** |

**Terms and definitions**

|  |
| --- |
| **WOOD REMOVALS**  The wood removed for production of goods and energy regardless whether for industrial, commercial or domestic use.  **Explanatory notes:**   1. The term “removal” differs from “felling” as it excludes harvesting losses (stemwood) and trees that were felled but not removed. 2. *Includes:* removals from fellings in an earlier period and from trees killed or damaged by natural causes. 3. *Includes:* all wood collected or removed for energy purposes, such as fuelwood, wood for charcoal production, harvesting residues, stumps, etc. 4. *Excludes:* woodfuel which is produced as a by-product or residual matter from industrial processing of roundwood.   (Source: FRA 2015 modified) |

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| --- |
| **COMMERCIAL VALUE OF WOOD REMOVALS**  For the purpose of this table, value of wood removals is defined as the commercial market value at the site of harvest, road side or forest border.  **Explanatory note:**   1. If values are obtained from a point further down the production chain, transport costs and possible handling and/or processing costs should be subtracted whenever possible.   (Source: FRA 2015 modified) |

|  |
| --- |
| **CERTIFIED AREA**  Forest area certified under a forest management certification scheme with published standards that are nationally and/or internationally recognized and independently verified by a third-party.  **Explanatory notes:**   1. *Includes:* forest area under Forest Stewardship Council (FSC) and/or Programme for the Endorsement of Forest Certification schemes (PEFC). 2. Areas under different international certification should not be added together as they may overlap. 3. This refers only to forest management certifications and excludes areas covered only by chain of custody certification.   (Source: FRA 2015 modified) |

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| **NON-WOOD FOREST PRODUCTS (NWFP)**  Goods derived from forests and other wooded land that are tangible and physical objects of biological origin other than wood.  **Explanatory notes:**   1. Generally includes non-wood plant and animal products collected from areas defined as forest (see definition of forest). 2. Specifically includes the following regardless of whether from natural forests or plantations:  * gum arabic, rubber/latex and resin; * Christmas trees, cork, bamboo and rattan.  1. Generally excludes products collected in tree stands in agricultural production systems, such as fruit tree plantations, oil palm plantations and agroforestry systems when crops are grown under tree cover. 2. Specifically excludes the following:  * woody raw materials and products, such as chips, charcoal, fuelwood and wood used for tools, household equipment and carvings; * grazing in the forest; * fish and shellfish.   (Source: FRA 2015) |

|  |
| --- |
| **COMMERCIAL VALUE OF NON-WOOD FOREST PRODUCTS (NWFP)**  For the purpose of reporting on this variable, value is defined as the commercial market value at the forest gate.  **Explanatory note:**   1. If values are obtained from a point further down the production chain, transport costs and possible handling and/or processing costs should be subtracted whenever possible.   (Source: FRA 2015) |

|  |
| --- |
| **FOREST ECOSYSTEM SERVICES (FES)**  Forest ecosystem services (other than production of goods) comprise ecological, biospheric, social, amenity and other services that are forest-dependent or mainly forest-related.  **Explanatory notes:**   1. **Ecological services:**Include services related tothe prevention of soil erosion, preservation of water resources, maintenance of other environmental functions and protection of infrastructure as well as management of natural resources against natural hazards. 2. **Biospheric services**: Include services related to:    * Protection of forests and other wooded land to conserve biodiversity, landscapes and specific natural elements;    * Forests conservation and utilization of forest tree genetic resources (*in-situ* or *ex-situ* gene conservation of genetic resources) and for seeding.   This class also includes carbon-sequestration related afforestation projects in the context of the Kyoto Protocol.   1. **Social services**: Include e.g. hunting or fishing licences, renting of huts and houses as well as forest-based leisure, sport and outdoor adventure activities and educational services. 2. **Amenity services**: Include those related to spiritual, cultural and historical functions, e.g. sacred, religious, or other forms of spiritual inspiration, sites of worship , landscape features (mountains and waterfalls), “memories’’ in the landscape from past cultural ties, aesthetic enjoyment and inspiration, historic artefacts. 3. **Other services**: Include e.g. payments to woodland owners for licences for gravel extraction, telecommunication masts, wind farms and electricity distribution.   (Source: Pan-European reporting 2013 modified) |

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| **COMMERCIAL VALUE OF FOREST ECOSYSTEM SERVICES (FES)**  Value of forest ecosystem services collected from the production of forest ecosystem services. For this purpose value may include concession fees and royalties, taxes and charges based on forest area special levies on forestry activities and payments into forest-related funds, other miscellaneous inspection, licence and administrative fees levied by forest administrations, permit and licence fees for recreation and other forest related activities that are directly related to the provision of forest ecosystem services.  (Source: Pan-European reporting 2013 modified) |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
| The State ForestRegister (SFR) | M | Public ownership | 1988-2014 | NFI | Bushes and city woods are excluded. |
| FRA-2015 | M | Public ownership | 1990-2015 |  | References |

**Table 4a: Wood removals and certified area**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ownership category** | | **Year** | **Total wood removals** | | **Certified area** |
| Volume (1000 m3) | Value  (1000 local currency) | Area (1000 ha) |
| Public ownership (total) | | 2015 | 194000 | n.a. | 41191 |
| 2010 | 175000 | n.a. | 26577 |
| 1990 | 325300 | n.a. |  |
|  | …of which owned by local government | 2015 |  |  |  |
| 2010 |  |  |  |
| 1990 |  |  |  |
| Private ownership (total) | | 2015 |  |  |  |
| 2010 |  |  |  |
| 1990 |  |  |  |
| Unknown ownership (total) | | 2015 |  |  |  |
| 2010 |  |  |  |
| 1990 |  |  |  |
| TOTAL | | 2015 |  |  |  |
| 2010 |  |  |  |
| 1990 |  |  |  |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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**Table 4b: Main Non-Wood Forest Products (NWFP) in 2015 ( NO DATA)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ownership category** | **Rank (importance)** | **Name of product** | **Unit (e.g. local currency, kg etc.)** | **Value/ Quantity** |
| Public ownership (total) | 1st |  |  |  |
| 2nd |  |  |  |
| 3rd |  |  |  |
| 4th |  |  |  |
| 5th |  |  |  |
| Private ownership (total) | 1st |  |  |  |
| 2nd |  |  |  |
| 3rd |  |  |  |
| 4th |  |  |  |
| 5th |  |  |  |

|  |
| --- |
| *Please insert additional information on NWFP here:* |
|  |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Table 4c: Main Forest Ecosystem Services (FES) in 2015 (NO DATA)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ownership category** | **Rank (importance)** | **Name of service** | **Local currency** | **Value** |
| Public ownership (total) | 1st |  |  |  |
| 2nd |  |  |  |
| 3rd |  |  |  |
| 4th |  |  |  |
| 5th |  |  |  |
| Private ownership (total) | 1st |  |  |  |
| 2nd |  |  |  |
| 3rd |  |  |  |
| 4th |  |  |  |
| 5th |  |  |  |

|  |
| --- |
| *Please insert additional information on FES here:* |
|  |

**Country comments:**

1. Harmonization of reporting

|  |  |
| --- | --- |
| Tables 4a, 4b and 4c category | Comments related to the relevance of national classifications and definitions to the system proposed in this questionnaire. |
|  |  |
|  |  |
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2. Description of reported data

|  |  |
| --- | --- |
| Tables 4a, 4b and 4c category | Comments on the reported status and trends. Information about subregional variety. Additional information, examples, description of the reported area.  *Please provide this information, in particular if quantitative data is not available; use additional sheets if needed.* |
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|  |  |

**Reporting notes**:

1. ***Reference years:*** The figures for the reporting years refer to the situation in a reference year, a “central year”, 1990, 2010 and 2015 for total wood removals; 2010 and 2015 for certified area; 2015 for Non-Wood Forest Products (NWFP) and; 2015 for Forest Ecosystem Services (FES), or in a nearest year for which data is available.
2. Roundwood is to be reported “under bark”.
3. The value of roundwood reported should be the market value at the site of removal. If possible, felled (roadside) values should be reported. If a different basis is used (e.g. standing sales value), values should be converted to felled (roadside). In the case where values are obtained from a point further down the production chain, transport costs and possible handling and/or processing costs should be discounted. Values and conversion factors used in the calculation should be provided in the country specifications.
4. Please feel free to add more rows for NWFP and FES if you want to report more.

**1.2 Public Ownership**

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| --- |
| **Reporting form 5: Structure of public forest ownership** |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
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**Table 5: Institutional framework of the public forest in 2015**

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| --- | --- | --- | --- | --- | --- |
| **Institutional Framework** | | | | | |
| **Major Ministry managing Public Forests** | | *Minister of natural resources and environment of the Russian Federation* | | *814930.5* | [1000 ha] |
|  | Of which managed by *state forest management organisation* | *the Federal Forestry Agency and* the Federal Supervisory Natural Resources Management Service | | *814930.5* | [1000 ha] |
| Main management level: | National | Sub-national | | Local |
| **Other Ministry managing Public Forests** | | Ministry of industry and trade of the Russian Federation, Ministry of power engineering of the Russian Federation, Ministry of Defence of the Russian Federation | | *6814,4* | [1000 ha] |
| **Other Ministry managing Public Forests** | |  | | *<area>* | [1000 ha] |
| **Other Ministry managing Public Forests** | |  | |  |  |
|  | |  | |  |  |

**Country comments:**

1. Harmonization of reporting

|  |  |
| --- | --- |
| Table 5 category | Comments related to the relevance of national classifications and definitions to the system proposed in this questionnaire. |
| **Major Ministry managing Public Forests** | Major Ministry managing Public Forests is the Ministry of Natural Resources and Environment of the Russian Federation. The Ministry consists of several agencies: the Federal Forestry Agency, the Federal Supervisory Natural Resources Management Service and other |
|  |  |
|  |  |

2. Description of reported data

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| --- | --- |
| Table 5 category | Comments on the reported status and trends. Information about subregional variety. Additional information, examples, description of the reported area.  *Please provide this information, in particular if quantitative data is not available; use additional sheets if needed.* |
| Protective forests,  Production forests, and Reserve forests | managed by the *Federal Forestry Agency* |
| Specially Protected Natural Territories’ land | managed by the Federal Supervisory Natural Resources Management Service |
| Land of defense and security or Military forest | supervised by the Ministry of defence |
| Forest on Settlements land (city forests)or Land of settlements |  |
| Other land |  |

**Reporting notes:**

1. This table seeks to provide information about the distribution of the supervision of the public forests (management) among the public administration units (e.g. educational forests supervised by a ministry of education, military forest supervised by a ministry of defence, protected forests managed by a ministry of environment, productive forests managed by ministry of agriculture/industry, etc.).
2. The expression “Main management level:” distinguishes between the three main levels of governments: national, sub-national and local. Please see the Reporting Form 1, “public ownership” for a more detailed definition.
3. Please feel free to add more categories (respectively rows) if needed.

|  |
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| **Reporting form 6: State forests management organisations** |

**Terms and definitions**

|  |  |  |  |
| --- | --- | --- | --- |
| **STATE FOREST MANAGEMENT ORGANISATION (SFMO)**  A state forest management organisation (SFMO) is the entity that is responsible for the supervision and the organisation of the execution of the management of state owned forest. SFMO represents a variety of legal, organisational and financial frameworks. With some degree of generality, from the point of view of the relationship to the state budget financing,for this reporting three forms of SFMOs are distinguished: State budget financed organisations/units; State owned organisations/enterprises/companies; and Non-state entities.  **Explanatory notes:**   1. Please see the definition of Forest Management at Reporting Form 1. 2. The forest management organisation is not necessarily the Forest Management Decision Maker. Please see the definition of Forest Management Decision Maker at Reporting Form 1.  |  | | --- | | **STATE BUDGET FINANCED ORGANISATIONS/UNITS**  Forest management organisations that are funded through the state budget. The state budget financing is provided by the state on national or sub-national level and available on a regular basis (e.g. each year).  **Explanatory notes:**   1. Revenues produced by the forest management are not available to the forest management organisation but returned to the state budget. 2. The forest management organisation might benefit from direct and indirect subsidies. 3. Forest management organisation doesn’t own forests and only manages them as a state property. | | **STATE OWNED ORGANISATIONS/ENTERPRISES/COMPANIES**  Comprises forest management organisations of various legal statuses that function as state owned enterprises, public law companies, limited companies, etc. Their finances are generally independent from the state budget. Theygenerate their own income from managing the state property to cover the accumulating costs. These forest management organisations are detached from the government administration system and act as independent organisations (like companies) however, the state as the owner/shareholder has significant control (supervision) over the forest management organisation.  **Explanatory notes:**   1. A state owned enterprise/organisation might pursue commercial as well as non-commercial goals. 2. The forest management organisation transfers dividends or other contributions in cash to the state budget on a regular basis (e.g. every month). Subsidies for certain services might be provided to the organisation. 3. Forest is not owned by the described forest management organisation but only managed. | | **NON-STATE ENTITIES**  Forest management organisations that manage state owned forest land based on lease or rental contracts and provide services to private business entities and receive funding in return.  **Explanatory notes:**   1. The forest management organisation could be a part or branch of a private company and might pursue commercial as well as non-commercial goals. 2. The forest management organisation may pay a rent fee to the state budget on the state property used. Subsidies for certain services might be provided by the state to the organisation for pursuing non-commercial goals. 3. Forest is not owned by the described forest management organisation. | |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
|  |  |  |  |  |  |
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**Table 6: State forests management organisations in 2014**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Main management level** | **State budget financed organisations/units** | | **State owned organisations/enterprises/companies** | | **Non-state entities** | | **Others\*** | |
| Turnover [1000 local currency] | Forest area [1000 ha] | Turnover [1000 local currency] | Forest area [1000 ha] | Turnover [1000 local currency] | Forest area [1000 ha] | Turnover [1000 local currency] | Forest area [1000 ha] |
| National level | 24784 | 814930.5 |  |  |  |  |  |  |
| Sub-national level | 12382 |  |  |  |  |  |  |  |
| Local level | 26276 |  |  |  |  |  |  |  |

*\*Please provide the appropriate definition for other state forest management organisations in the country comments.*

**Country comments:**

1. Harmonization of reporting

|  |  |
| --- | --- |
| Table 6 category | Comments related to the relevance of national classifications and definitions to the system proposed in this questionnaire. |
| National level | the Federal Forestry Agency, research and planning forestry institutions. |
| Sub-national level | Territorial forestry agencies in the constituent entities of the Russian Federation (Executive authorities of the subjects of the Russian Federation), |
| Local level | Forest districts, forest parks |

2. Description of reported data

|  |  |
| --- | --- |
| Table 6 category | Comments on the reported status and trends. Information about subregional variety. Additional information, examples, description of the reported area.  *Please provide this information, in particular if quantitative data is not available; use additional sheets if needed.* |
| Does a state forest management organisation has any administrative functions (on public or private forests) that are normally served by the state? Please give a short overview about the situation in your country: | The federal authorities keep functions of normative legal regulation of forest relations, control and surveillance over exercising of powers delegated to the constituent entities of the Russian Federation. |
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**Reporting notes:**

1. ***Reference years:*** The figures for the reporting year refer to the situation in a reference year, a “central year” (2015) noted in the headline of the Table, or in a nearest year for which data is available.
2. The expression “Main management level:” distinguishes between the three main levels of governments: national, sub-national and local. Please see the Reporting Form 1, “public ownership” for a more detailed definition.

|  |
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| **Reporting form 7: Structure of public forest holdings** |

**Terms and definitions**

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| --- |
| **PUBLIC FOREST HOLDING**  One or more parcels of forest which constitute a single unit from the point of view of management or utilization. A holding may be defined as the management unit, for which a forest management plan (or its equivalent) is developed, e.g. forest district or forest superintendence, national park.  **Explanatory note:**   1. Holding is different than property, e.g. state owned forests constitute one property, which might be managed through more than one holding (e.g. forest districts, national parks, hunting areas).   (Source: TBFRA 2000 modified) |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
| SFR - 2014 | M | Public ownership | 2014 | NFI |  |
|  |  |  |  |  |  |
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**Table 7: Area and number of forest holdings in 2015**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Ownership category** | **Area and number of forest holdings by size** | | | | | | | | | | | |
| **Total** | | **≤10 ha** | | **11-500 ha** | | **501-10,000 ha** | | **10,001-100,000 ha** | | **>100,000 ha** | |
| Area (1000 ha) | No. of holdings | Area (1000 ha) | No. of holdings | Area (1000 ha) | No. of holdings | Area (1000 ha) | No. of holdings | Area (1000 ha) | No. of holdings | Area (1000 ha) | No. of holdings |
| **Public ownership (total)** | **814930.5** | **1460** | **0** | **0** | **0** | **0** | **624.9** | **93** | **26749.2** | **584** | **787556.4** | **783** |
| Owned by the state at national level | 814930.5 | 1460 | 0 | 0 | 0 | 0 | 624.9 | 93 | 26749.2 | 584 | 787556.4 | 783 |
| Owned by the state at sub-national government scale |  |  |  |  |  |  |  |  |  |  |  |  |
| **Owned by local government** |  |  |  |  |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |  |

**Country comments:**

1. Harmonization of reporting

|  |  |
| --- | --- |
| Table 7 category | Comments related to the relevance of national classifications and definitions to the system proposed in this questionnaire. |
| **Area and number of forest holdings by size** |  |
|  |  |
|  |  |

2. Description of reported data

|  |  |
| --- | --- |
| Table 7 category | Comments on the reported status and trends. Information about subregional variety. Additional information, examples, description of the reported area.  *Please provide this information, in particular if quantitative data is not available; use additional sheets if needed.* |
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**Reporting note:**

1. ***Reference years:*** The figures for the reporting year refer to the situation in a reference year, a “central year” (2015) noted in the headline of the Table, or in a nearest year for which data is available.

|  |
| --- |
| **Reporting form 8: Workforce in public forests** |

**Terms and definitions**

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| --- |
| **FOREST MANAGERS**  Persons that are directly involved in forest management and have managerial responsibilities for planning organizing, supervising and managing forests (i.e. managers, supervisors, officers, as well as other specialists). |

|  |  |  |
| --- | --- | --- |
| **FIELD FOREST WORKERS**  Persons directly performing forest operations in the field e.g. planting, logging, protection activities (e.g. chain-saw operators, harvester operators)   |  | | --- | | **EMPLOYEES (Sub-category)**  Workers that are regular employees of the entity that holds the management rights of the forest. | | **CONTRACTORS (Sub-category)**  Workers that are employed through agreements to perform specified activities. | |

|  |
| --- |
| **OTHER STAFF**  Persons supporting the process of forest management (i.e. specialists, technical staff, clerical workers etc.). They are neither forest workers nor do they have managerial responsibility for planning, organizing, supervising and managing forests. |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
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**Table 8: Workforce in public forests in 2015**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Category** | **Forest managers** | **Field forest workers** | | **Other staff** |
| employees | contractors |
| Public ownership (total) | 93954 |  |  |  |
| Of which in state forest management organisation |  |  |  |  |
| Of which owned by local government |  |  |  |  |

**Country comments:**

1. Harmonization of reporting

|  |  |
| --- | --- |
| Table 8 category | Comments related to the relevance of national classifications and definitions to the system proposed in this questionnaire. |
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2. Description of reported data

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| --- | --- |
| Table 8 category | Comments on the reported status and trends. Information about subregional variety. Additional information, examples, description of the reported area.  *Please provide this information, in particular if quantitative data is not available; use additional sheets if needed.* |
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**Reporting note:**

1. ***Reference years:*** The figures for the reporting year refer to the situation in a reference year, a “central year” (2015) noted in the headline of the Table, or in a nearest year for which data is available.

**1.3 Private Ownership**

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| --- |
| **Reporting form 9: Removals from private forest properties** |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
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**Table 9: Removals from private forest properties in 2010**

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| --- | --- | --- | --- | --- | --- |
| **Ownership category** | **Removals (1000 m3) from properties by size classes** | | | | |
| Total | < 10ha | 11-50 ha | 51-500 ha | > 500 ha |
| Private ownership (total) |  |  |  |  |  |

**Country comments:**

1. Harmonization of reporting

|  |  |
| --- | --- |
| Table 9 category | Comments related to the relevance of national classifications and definitions to the system proposed in this questionnaire. |
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2. Description of reported data

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| --- | --- |
| Table 9 category | Comments on the reported status and trends. Information about subregional variety. Additional information, examples, description of the reported area.  *Please provide this information, in particular if quantitative data is not available; use additional sheets if needed.* |
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**Reporting notes**:

1. ***Reference year:*** The figures for the reporting year refer to the situation in a reference year, a “central year” (2010) noted in the headline of the table, or in a nearest year for which data is available.
2. For a definition of **Wood Removals** and **Property** please consult the terms and definitions in Reporting Form 4 respectively Reporting Form 2.

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| --- |
| **Reporting form 10: Demographic information on individual forest owners** |

|  |
| --- |
| **PRIMARY OWNER**  The owner listed on the title of a property. If there are two or more owners of the property, the name of the primary owner appears first. The owner may be an individual or a group. There may also be two primary owners of a property. For example, in the case of a married couple, the husband and the wife may both be primary owners.  (Source: PropertyFinderTM[[2]](#footnote-2) modified) |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
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**Table 10: Individual forest owners by age and gender**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Year** | **Age classes (years)** | **Number of primary owners** | **Share of female primary owners [%]** |
| Individual owners | 2015 | Total |  |  |
| 2010 |  |  |
| 1990 |  |  |
| 2015 | < 40 |  |  |
| 2010 |  |  |
| 1990 |  |  |
| 2015 | 40 to 60 |  |  |
| 2010 |  |  |
| 1990 |  |  |
| 2015 | > 60 |  |  |
| 2010 |  |  |
| 1990 |  |  |

**Country comments:**

1. Harmonization of reporting

|  |  |
| --- | --- |
| Table 10 category | Comments related to the relevance of national classifications and definitions to the system proposed in this questionnaire. |
|  |  |
|  |  |
|  |  |

2. Description of reported data

|  |  |
| --- | --- |
| Table 10 category | Comments on the reported status and trends. Information about subregional variety. Additional information, examples, description of the reported area.  *Please provide this information, in particular if quantitative data is not available; use additional sheets if needed.* |
|  |  |
|  |  |
|  |  |

**Reporting note**:

1. **Reference years:** The figures for the reporting years refer to the situation in a reference year, a “central year” (1990, 2010 and 2015) noted in the Table, or in a nearest year for which data is available.

|  |
| --- |
| **Reporting form 11: Social background and objectives of individual forest owners** |

**Terms and definitions**

|  |
| --- |
| **OBJECTIVES OF INDIVIDUAL FOREST OWNERS**  Aesthetic enjoyment: Forest primarily owned for its aesthetic values.  Farm and domestic use: Forest primarily owned for farming and domestic purposes (e.g. fuelwood for private use, pasture areas).  Land investment: Forest primarily owned for monetary reasons e.g. to hedge against inflation.  Part of residence/farm: Forest primarily owned because it is a part of the owner’s residence/farm.  Recreation: Forest primarily owned for recreational purposes.  Timber production: Forest primarily owned for production of wood, fibre, bio-energy and/or non-wood forest products.  (Source: Private Forest Land Owners of the United States 1994[[3]](#footnote-3)) |

|  |
| --- |
| **PLACE OF USUAL RESIDENCE**  Place of usual residence is the geographic place where the enumerated person usually resides; or it may be the person’s legal residence. A person's usual residence should be that at which the person spends most of her/his daily night rest.  (Source: UNECE Statistical Standards and Studies- No. 49 modified[[4]](#footnote-4)) |

**Data Sources:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **References to sources of information** | **Quality** | **Category** | **Year(s)** | **Type of inventory** | **Additional comments** |
|  |  |  |  |  |  |
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|  |  |  |  |  |  |

**Table 11: Occupation, residence and objectives of individual forest owners**

|  |  |  |  |
| --- | --- | --- | --- |
| *a) Occupation* |  |  |  |
|  | Field/Status of occupation | Share of owners [%] | Share of forest area [%] |
| Individual owners | Agriculture/Forestry (total) |  |  |
| Agriculture/Forestry (full-time) |  |  |
| Agriculture/Forestry (part-time) |  |  |
| Outside Agriculture/Forestry |  |  |
| Pensioner |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| *b) Place of usual residence* | | | |
|  | Location of residence | Share of owners [%] | Share of forest area [%] |
| Individual owners | Primary residence in vicinity of their forest property |  |  |
| …of which farmers (active or retired) |  |  |
| Primary residence is not in vicinity of their forest property |  |  |
| …of which in cites/towns |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| *c) Objectives of ownership* | | | |
|  | Objectives | Share of owners [%] | Share of forest area [%] |
| Individual owners | Aesthetic enjoyment |  |  |
| Farm and domestic use |  |  |
| Land investment |  |  |
| Part of residence/farm |  |  |
| Recreation |  |  |
| Timber production |  |  |
| Other |  |  |

**Country comments:**

1. Harmonization of reporting

|  |  |
| --- | --- |
| Table 11 category | Comments related to the relevance of national classifications and definitions to the system proposed in this questionnaire. |
|  |  |
|  |  |
|  |  |

2. Description of reported data

|  |  |
| --- | --- |
| Table 11 category | Comments on the reported status and trends. Information about subregional variety. Additional information, examples, description of the reported area.  *Please provide this information, in particular if quantitative data is not available; use additional sheets if needed.* |
|  |  |
|  |  |
|  |  |

**Reporting note:**

1. Please provide data for recent available year.

1. Forest Resources of Europe, CIS, North America, Australia, Japan and New Zealand (industrial temperate/boreal countries), UN-ECE/FAO Contribution to the Global Forest Resource Assessment 2000 [↑](#footnote-ref-1)
2. Property FinderTMGlossary: <http://ww3.dataquick.com/help/Primary_Owner.htm> [↑](#footnote-ref-2)
3. Birch T. W., 1994–Private Forest Land Owners of the United States, USDA Forest Service: <http://www.fs.fed.us/ne/newtown_square/publications/resource_bulletins/pdfs/scanned/OCR/ne_rb134a.pdf> [↑](#footnote-ref-3)
4. UNECE and Statistical Office of the European Communities, 1998 – Statistical standards and studies,No. 49: <http://www.unece.org/fileadmin/DAM/stats/documents/statistical_standards_&_studies/49.e.pdf> [↑](#footnote-ref-4)