

# FRA and pan-European 2020 reporting content –

## *Criterion 3* (Productive functions of forests)

reporting forms, linkages between FRA and pan-European reporting, definitions

Prepared by:

Rastislav Raši, Martin Moravčík, Roman Michalak

### 3.1 INCREMENT AND FELLINGS

Categories	Volume (1000 m <sup>3</sup> o. b.)	Reporting	
		Pan-European 2020	FRA 2020
Forest		Yes (3.1)	No
... of which: Forest available for wood supply	– gross annual increment – natural losses – net annual increment – total felling <sup>*)</sup> ...of which natural losses	Yes (3.1)	No

\*) Fellings include also natural losses. They include felling of dead trees and cutting of trees already brought down by natural cause, e.g. by storm.

Process	Reporting years				
	1990	2000	2005	2010	2015
Pan-European	Yes	Yes	Yes	Yes	Yes
FRA	No	No	No	No	No

## 3.1 INCREMENT AND FELLINGS

### Notes:

- The figures for the reporting years refer to the **average for the 5-year periods** 1988-1992, 1998-2002, 2003-2007, 2008-2012 and 2013-2017 respectively, not to the data for the “central year” (1990, 2000, 2005, 2010, 2015).
- If no national data on “*Gross annual increment*”, “*Natural losses*” or “*Fellings of natural losses*” exist, the country should report **default values** based on the information provided in Tables 1, 2 or 3 (listed in reporting notes), rather than leaving the fields empty. If this option is used, it should be clearly indicated under “*Country comments*”.

## 3.2 ROUNDWOOD

Categories	Reporting	
	Pan-European 2020	FRA 2020
<b>Wood removals</b>		
<b>Total</b>		
Volume (1000 m <sup>3</sup> u.b.)	Yes (3.2)	Yes (IDP)
<b>Industrial roundwood</b>		
Volume (1000 m <sup>3</sup> u.b.)	Yes (3.2)	Yes (IDP)
Market Value (1000 national currency)	Yes (3.2)	No
<b>Woodfuel</b>		
Volume (1000 m <sup>3</sup> u.b.)	Yes (3.2)	Yes (IDP)
Market Value (1000 national currency)	Yes (3.2)	No

Process	Reporting years		
	1988	annually	2017
<b>Pan-European</b>	Yes	Yes	Yes
<b>FRA</b>	Yes	Yes	Yes

## 3.2 ROUNDWOOD

1. Prefilling: The pre-filled figures (if any) are drawn from the UNECE/FAO TIMBER database as of June 2017. These data can be also found through the FAOSTAT database at <http://faostat.fao.org/DesktopDefault.aspx?PageID=630&lang=en> and at the UNECE at <http://www.unece.org/forests/fpm/onlinedata>.
1. Roundwood is to be **reported “under bark”**, please report value(s) of conversion factors, if conversion from “over bark” was applied. “Total removals” include roundwood removed from all land-use categories, not only from forest or other wooded land.
2. The value 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 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 comments.
3. The assessment of “Total removals” should also include wood that is removed for subsistence use with the value calculated on the basis of local roadside price.
4. **Definitions related to wood removals applied in pan-European and FRA process are the same.**

### 3.3 NON-WOOD GOODS

Rank value	Name of product	Key species	Unit	Quantity	Market value	NWFP category	Reporting	
					Value		Pan-European 2020	FRA 2020
					(1000 national currency)			
1 . . 10						Pre-defined Code 1 - 16	Yes (3.3)	Yes (7c)
All other plant products						xxx	Yes (3.3)	Yes (7c)
All other animal products						xxx	Yes (3.3)	Yes (7c)

While FRA 2020 refers to NWFP derived only from Forest, pan-European reporting refers to NWFP derived from Forest and Other wooded land.

Process	Reporting years
	2015
Pan-European	Yes
FRA	Yes

### 3.3 NON-WOOD GOODS

#### Notes:

- In both processes values are reported **in local/national currency**.
- Information on observed trends is welcome (please provide in Comments).
- Non-wood goods **categories are pre-defined**, please provide code of appropriate Plant product or Animal product:
- Market value is a commercial value at the forest gate, refers to actual market value and potential **value of both marketed and non-marketed products**.

### 3.4 SERVICES

Rank value	Name of service / product	Unit	Service provision		Forest service category	Reporting	
			Amount	Value (1000 national currency)		Pan-European 2020	FRA 2020
1 . . 10					Pre-defined Code 1 - 5	Yes (3.4)	No
Remaining total					xxx	Yes (3.4)	No
Total					xxx	Yes (3.4)	No

Process	Reporting years
	2015
Pan-European	Yes
FRA	No



### 3.4 SERVICES

#### Notes:

- information on observed trends is welcome (please provide in Comments),
- both processes values are reported **in local/national currency**,
- the reference area for reporting is “Total FOWL”, not further divided into sub-classes “Forest” and “Other wooded land”,
- categories of forest services are pre-defined as follows:

<i>Category</i>	<i>Code</i>	<i>Category</i>	<i>Code</i>
Ecological services	1	Social services	3
Water protection	1.1	Tourism	3.1
Soil protection	1.2	Recreation	3.2
Health protection	1.3	Sport activities	3.3
Infrastructure protection	1.4	Amenity services	4
Biospheric services	2	Spiritual services	4.1
Biodiversity protection	2.1	Cultural services	4.2
Climate regulation	2.2	Historical services	4.3
		Other services	5