State of play: Forestry data request

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Meeting of the Expert Group on Plant Health Legislation

Brussels, 9 July 2018

European Commission

Forestry data request timeline

16 January

Expert Group meeting

European Commission

Forestry data request timeline

First step: assess data availability

16 January — **Expert Group meeting**

2 February — **Explore the availability of key forestry data**

16 February — **Deadline to answer**

Replies (12 MS):

- Finland – 06.02
- Lithuania – 15.02
- Latvia - 15.02
- United Kingdom - 15.02
- Belgium (Wallonia) – 16.02
- Slovakia – 16.02
- Slovenia – 16.02
- Sweden – 16.02
- Poland – 19.02
- Denmark – 21.02
- Germany – 21.02
- Spain – 21.02

Data availability

1. Woodland area (available ALL MS)
2. Growing stock (available, some MS not at species level)
3. Wood price (available, most countries "to be provided")
4. Trade (most MS not at species level, MS address to tax authorities)
5. Employment (not by species, at sector level)
6. Forest sustainably managed (not at species level)

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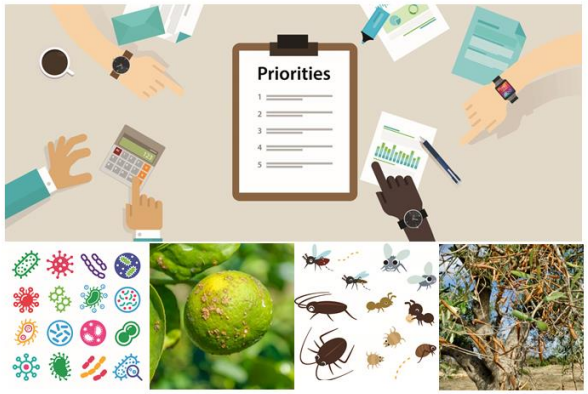
Forestry data request timeline

First step: assess data availability

Second step: Data request

16 January	2 February	16 February	8 June	21-28 June	27 June	6 July	27 July
Expert Group meeting	Explore the availability of key forestry data	Deadline to answer	Data request template & explanatory notes	Clarification Forest definition (SE)	1st data received (EE)	Deadline for data submission	Deadline extension

Explanatory notes to the JRC Forestry data request template



	A	B	C
1	1. Woodland area (somethimes referred to as stocked area) by species		
2			
3	Genus	Species	Area (
13		*Abies sibirica*	
14		*Abies veitchii*	
15	Acer	total Acer spp.	
16		*Acer griseum*	
17		*Acer macrophylum*	
18		*Acer negundo*	
19		*Acer palmatum*	
20		*Acer platanoides*	
21		*Acer pseudoplatanus*	
22		*Acer rubrum*	
23		*Acer saccharinum*	
24		*Acer saccharum*	
25		*Acer truncatum*	
26	Alnus	total Alnus spp.	5(

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1. Woodland area

- Data is only requested for genus/species identified by EFSA as potential hosts of preliminary list of pests

- For each MS and species or genus the sheet has three columns:
  - **First column** – indicate woodland area in hectares
  - **Second column**–indicate whether this genus or species is used as street or park tree in your country (YES/NO)
  - **Third column**–evaluate the relative importance using this scale:
    - 1 – Anecdotic use (less than 1%)
    - 2 – Rarely used (from 1% to 20%)
    - 3 – Frequently used (from 21% to 50%)
    - 4 - Widely use (more than 50%)

- **Request:** Check (LT, LH and SK) or filled the data, when possible data at species level and insert the data source and year

1. Woodland area

1. Woodland area (somethimes referred to as stocked area) by species		EXAMPLE			
Genus	Species	Area (ha)	Used as street & park tree? (y/n)	Quantify its use (1-4)	A
Abies	**total Abies spp.**	**5000**	**y**	**3**	
	Abies alba	2000	n	0	
	Abies firma	0	n	0	
	Abies holophylla	0	n	0	
	Abies homolepis	1500	n	0	
	Abies mariesii	0	n	0	
	Abies mayriana	0	y	1	
	Abies nephrolepis	0	n	0	
	Abies sachalinensis	1000	n	0	
	Abies sibirica	500	y	3	
	Abies veitchii	0	n	0	
Acer	**total Acer spp.**	**550**	**y**	**2**	
	Acer griseum	*50*	n	0	
	Acer macrophylum	*0*	y	1	
	Acer negundo	0	y	2	
	Acer palmatum	0	n	0	
	Acer platanoides	*500*	n	0	
	Acer pseudoplatanus	0	n	0	
	Acer rubrum	*0*	y	1	
	Acer saccharinum	0	n	0	
	Acer saccharum	0	n	0	
	Acer truncatum	*0*	n	0	
Alnus	**total Alnus spp.**	**50000**	**y**	**3**	
Betula	**total Betula spp.**	**75000**	**n**	**0**	
	Betula albosinensis	0	n	0	
	Betula alleghaniensis	0	n	0	
	Betula dahurica	0	n	0	
	Betula ermanii	0	n	0	
	Betula jacquemontii	8000	n	0	
	Betula lenta	0	n	0	

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1. Woodland area

1. Woodland area (somethimes referred to as stocked area) by species

Genus	Species	EXAMPLE Area (ha)	Used as street & park tree? (y/n)	Quantify its use (1-4)	A
Abies	total Abies spp.	5000	y	3	
	Abies alba	2000	n	0	
	Abies firma	0	n	0	
Acer	total Acer spp.				
Alnus	total Alnus spp.				
Betula	total Betula spp.				

Genus	Species	Area (ha)	Used as street & park tree? (y/n)	Quantify its use (1-4)
PURE ORNAMENTAL & FRUIT TREES				
Aesculus	*Aesculus californica*		n	0
Aesculus	*Aesculus hippocastanum*		y	4
Aesculus	*Aesculus x hybrid*		n	0
Ailanthus	*Ailanthus altissima*		y	1
Annona	*Annona muricata*		y	1
Artemesia	*total Artemesia spp.*		y	1
Camelia	*total Camelia spp.*		y	1
Carica	*Carica papaya*		y	1
Carya	*Carya illinoinensis*		y	1
Chionanthus	total Chionanthus spp.		y	1
Chionanthus	*Chionanthus retusus*		y	1
Clematis	*total Clematis spp.*		y	1
Coprosma	*Coprosma baueri*		y	1
Coprosma	*Coprosma repens*		y	1
Cotoneaster	*Cotoneaster rotundifolia*		y	1
Diospyros	*Diospyros montana*		y	1
Eriobotrya	*Eriobotrya japonica*		y	1
Eugenia	*Eugenia myrtifolia*		y	1
Ficus	*total Ficus spp.*		y	1
	Ficus carica		y	1
Fortunella	Fortunella spp.		y	1
Fortunella	*Fortunella japonica*		y	1
Fortunella	*Fortunella margarita*		y	1
Gardenia	*total Gardenia spp.*		y	1

2. Wood growing stock

- **Data source**: National Reports of the "State of the Forest Sector 2015" by Forest Europe

- Data is only requested for genus/species identified by EFSA as potential hosts of preliminary list of pests (see sheet 1)

- Forest Europe-National reports also include other species, not identified as potential host (included but in green font).

- **Request**: check the data inserted, complete when additional information available (**when possible at species level**)

2. Wood growing stock

2. Wood growing stock (million cubic meters - m^3) by species											
Species	**Austria**	**Belgium**	**Bulgaria**	**Croatia**	**Cyprus**	**Czech Republic**	**Denmark**	**Estonia**	**Finland**	**France**	**Germany**
Total Abies spp.											**93.0**
Abies alba	48.0		13.2	31.8		8.8	3.7			200.0	
Other abies spp:please specify the name											
Total Acer spp.	**15.0**										
Acer pseudoplatanus							5.1				
Other acer spp:please specify the name											
Total Alnus spp.											
Alnus glutinosa				8.0				23.7	7.1		
Alnus incana								33.6	19.1		
Other alnus spp:please specify the name											
Total Betula spp.		**5.4**				**9.9**	**4.3**	**106.4**			
Betula pubescens									284.4		
Betula pendula									103.4		
Other betula spp:please specify the name											
Total Carpinus betulus	**8.0**		**24.8**	**37.0**		**5.7**				**110.0**	
Fagus sylvatica	106.0	23.5	154.6	146.8		49.7	29.1			279.0	635.0
Total Fraxinus spp.	**23.0**										
Fraxinus excelsior		5.0				6.6	5.4	5.4			
Fraxinus angustifolia				13.0							
Other fraxinus spp: specify the name											
Total Larix spp.		**3.7**					**4.1**				**102.0**
Larix decidua	72.0					32.2					
Larix kaempferi											
Other Larix spp: specify the name											
Total Picea spp.											**1206.0**
Picea abies	673.0	52.2	55.3	8.9		462.2	21.4	112.8	701.9	197.0	
Picea sitchensis							7.6				
Other picea spp: specify name											

Data source: Forest Europe (National reports of the "State of Forest sector 2015)

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3. Producer price

- We provide both the data that has been provided by MS and the one we have found at UNECE

- We included comments on info about the data sources

Price data provided at	roadside
Source (country specific):	UNECE (Austrian Statistical Office)
Source provided by MS	0
Reference year	2010-2017
Comments	price calculated as an average of 2010-2017 monthly price

- **Request**: cross check the data we have included to see if it is correct, and include any additional data for other species or genus that might be available for your country

3. Producer price

3. Average producer price of wood (EUR/m^3) by genus/species				
Genus/species	Austria		Belgium	
	roundwood (logs)	roundwood (pulpwood)	roundwood (logs)	roundwood (pulpwood)
abies spp. (abies alba)	93	40	60	
acer spp.				
alnus spp.				
betula spp.				
carpinus spp.				
cedrus spp.				
fagus spp.	77		64	
fraxinus spp.			63	
larix spp.			51	
picea spp. (picea abies)	93	40	69	
pinus spp. (pinus sylvestris)			38	
platanus spp.				
pseudotsuga spp.				
populus spp.				
prunus spp.				
quercus spp.			145	
salix spp.				
other genus/species (please specify)				
Price data provided at	**roadside**		**stumpage**	
Source (country spp.ecific):	**UNECE (Austrian Statistical Office)**		**Office Economique Wallon du Bois**	
Source provided by MS	**0**		**1**	
Reference year	**2010-2017 (price calculated as an av**		**2017 (also available for 2014-2016)**	
Comments				

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4. Trade in forest products

- Data source: COMEXT-Analytical (EU TRADE since 1998 by CN8)
- Classification is based on the Harmonised Commodity Description and Coding System (HS) managed by the World Customs Organisation (WCO).
- The HS uses a 6 digit numerical code for the coding of products and the Combined Nomenclature is further breaking down the coding into an 8 digit level according to EU needs.
- Data species or genus specific only detailed for Section IX Chapter 44 Code 4403 "*Wood in the rough (...)*" and Code 4407 "*Wood sawn or chipped (...)*".
- **Request**: Check data provided for your country

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4. Trade in forest products

MEMBER STATE	Austria
FLOW	EXPORT
INDICATORS_LAB	QUANTITY_TON

Sum of INDICATOR_VALUE	Column Labels											
Row Labels	440391	440392	44032011	44032019	44032031	44032039	44032091	44032099	44039910	44039959	44039995	Grand Total
2010	677	1617.4	22941	153.3		13.7	7743	701.7			235.6	34082.7
2011	1494.3	2941.8	4674.2	210	17.9		3359.2	766.8		21.9	152.1	13638.2
2012	514.2	5.1	3731.8	91.8	11.9	35.9	2636.5	485.2		53.8	359.4	7925.6
2013	856.4	361.7	2799.3			21.2	1954.9	1084.1	24		355.2	7456.8
2014	1734.4	712.8	1365.7	25.2		22.5	1541.2	432.5	0	3.2	287.6	6125.1
2015	633.1	86.6	1805	44.6	4	35.8	1346.2	218.7	0	0.2	324.5	4498.7
2016	519.5	14	964.8	47	6		1633.5	223.5	275		463.9	4147.2
2017	1794.3											1794.3
Grand Total	**8223.2**	**5739.4**	**38281.8**	**571.9**	**39.8**	**129.1**	**20214.5**	**3912.5**	**299**	**79.1**	**2178.3**	**79668.6**

Row Labels
⊟440391
OAK "QUERCUS SPP." IN THE ROUGH, WHETHER OR NOT STRIPPED OF BARK OR SAPWOOD, OR ROUGHLY SQUARED (EXCL. ROUGH-CUT WOOD FOR WALKING STICKS, UMBRELLAS, TOOL SHAFTS AND THE LIKE
⊟440392
BEECH "FAGUS SPP." IN THE ROUGH, WHETHER OR NOT STRIPPED OF BARK OR SAPWOOD, OR ROUGHLY SQUARED (EXCL. ROUGH-CUT WOOD FOR WALKING STICKS, UMBRELLAS, TOOL SHAFTS AND THE LIKE
⊟44032011
SAWLOGS OF SPRUCE OF THE SPECIES "PICEA ABIES KARST." OR SILVER FIR "ABIES ALBA MILL.", WHETHER OR NOT STRIPPED OF BARK OR SAPWOOD, OR ROUGHLY SQUARED
⊟44032019
SPRUCE OF THE SPECIES "PICEA ABIES KARST." OR SILVER FIR "ABIES ALBA MILL.", IN THE ROUGH, WHETHER OR NOT STRIPPED OF BARK OR SAPWOOD, OR ROUGHLY SQUARED (EXCL. SAWLOGS; ROUGH-CUT
⊟44032031
SAWLOGS OF PINE OF THE SPECIES "PINUS SYLVESTRIS L.", WHETHER OR NOT STRIPPED OF BARK OR SAPWOOD, OR ROUGHLY SQUARED
⊟44032039
PINE OF THE SPECIES "PINUS SYLVESTRIS L." IN THE ROUGH, WHETHER OR NOT STRIPPED OF BARK OR SAPWOOD, OR ROUGHLY SQUARED (EXCL. SAWLOGS; ROUGH-CUT WOOD FOR WALKING STICKS, UMBR
⊟44032091
SAWLOGS OF CONIFEROUS WOOD, WHETHER OR NOT STRIPPED OF BARK OR SAPWOOD, OR ROUGHLY SQUARED (EXCL. SPRUCE OF THE SPECIES "PICEA ABIES KARST.", SILVER FIR "ABIES ALBA MILL." AND PI
⊟44032099
CONIFEROUS WOOD IN THE ROUGH, WHETHER OR NOT STRIPPED OF BARK OR SAPWOOD, OR ROUGHLY SQUARED (EXCL. SAWLOGS; ROUGH-CUT WOOD FOR WALKING STICKS, UMBRELLAS, TOOL SHAFTS AN
⊟44039910
POPLAR IN THE ROUGH, WHETHER OR NOT STRIPPED OF BARK OR SAPWOOD, OR ROUGHLY SQUARED (EXCL. ROUGH-CUT WOOD FOR WALKING STICKS, UMBRELLAS, TOOL SHAFTS AND THE LIKE; WOOD CUT
⊟44039959
BIRCH, IN THE ROUGH, WHETHER OR NOT STRIPPED OF BARK OR SAPWOOD, OR ROUGHLY SQUARED (EXCL. SAWLOGS; ROUGH-CUT WOOD FOR WALKING STICKS, UMBRELLAS, TOOL SHAFTS AND THE LIKE; V
⊟44039995
WOOD IN THE ROUGH, WHETHER OR NOT STRIPPED OF BARK OR SAPWOOD, OR ROUGHLY SQUARED (EXCL. ROUGH-CUT WOOD FOR WALKING STICKS, UMBRELLAS, TOOL SHAFTS AND THE LIKE; WOOD CUT
Grand Total

5. Forest related labour

- The only data we have been able to find is aggregated for the whole forest sector **without any differentiation by species.**

- Data sources: FAO's Global Forest Resource Assessment
  EUROSTAT

- For 2010 both sources are available, but there seems to be some discrepancies for some MS (PT; RO; SK; SE and UK)

- **Request:** provide more detailed data **by species** (if available).

5. Forest related employment

5. Forest related employment (labour needs for forest production) reported in thouhsand annual working units (AWU)							
Member state	2010[1,2]	2011[2]	2012[2]	2013[2]	2014[2]	2015[2]	2016[2]
Austria	19.76	19.57	18.5	16.84	17.7	17.11	16.48
Belgium	2						
Bulgaria	12.96	13.77	14.45	15.67	15.11	13.99	
Croatia	9		14.93	13.57	13.31	13.12	
Cyprus	0.14	0.14	0.13	0.12	0.1	0.11	
Czech Republic	24.3	23.4	22.9	22.1	22.2	21.6	
Denmark	6						
Estonia	6						
Finland	23.3	23.5	25	24			
France	29.9	29.4	29.3	29.5	28.4	28.5	
Germany	38.9	39.79	38.76	39.82	47.24	50.21	
Greece	10.33	9.23	10.73	12	9.11	9.27	
Hungary	16						
Ireland	3						
Italy	32		39.79	39.79			
Latvia	21						
Lithuania	9		12.63	12.17			
Luxembourg	0.5	0.54	0.53	0.51	0.56	0.56	
Malta			0	0			
Netherlands	2		2	2			
Poland	64	47.4	47.7	48.2	48.5	48.7	
Portugal	6/10.89	10.99	10.82	11.13	12.02	12.96	
Romania	41/49.2	48	60.3	57.9	47.03	46.69	
Slovakia	20/9.3	8.7	8.86	8.11	7.76	7.76	
Slovenia	5.35	5.4	5.34	5.81	5.98	6.05	
Spain	30						
Sweden	30/34.7	39.79	42.7	42.9	43.4	42.9	6.25
United Kingdom	20/14	14	15	14	16	17	

Please provide data by species or genus if avaible

Data source: FAO, 2015

6. Forest sustainably managed (FSC or PEFC)

- Again, only data we found is aggregated for the whole forest sector **without any differentiation by species**.

- Data source: FAO's Global Forest Resource Assessment.

- **Request**: more detailed data (if available) by species AND report other certification systems and area covered (by species if possible).

- Double certification problem?

- FSC-Europe consultation to obtain species specific data

6. Forest sustainably managed (FSC or PEFC)

6. Area of forest under an independtly verified forest certification scheme

	FSC CERTIFIED (1000 ha)							PEFC CERTIFIED (1000 ha)							TOTAL CERTIFIED (1000 ha)						
Member state	**2008**	**2009**	**2010**	**2011**	**2012**	**2013***	**2014***	**2008**	**2009**	**2010**	**2011**	**2012**	**2013***	**2014***	**2008**	**2009**	**2010**	**2011**	**2012**	**2013***	**2014***
Austria	4	5	5			1	1	2039	1956	1956	2384	2650	2741	2782	2043	1961	1961	2384	2650	2742	2783
Belgium	10	17	15	17	20	21	21	262	281	278	286	293	289	289	272	298	293	303	313	310	310
Bulgaria	106	104	304	218	218	194	637								106	104	304	218	218	194	637
Croatia	1322	1321	1321	1321	1320	2038	2038								1322	1321	1321	1321	1320	2038	2038
Cyprus															0	0	0	0	0	0	0
Czech Republic	109	53	41	50	50	50	50	1880	1824	1856	1856	1827	1845	1845	1989	1877	1897	1906	1877	1895	1895
Denmark	190	190	192	196	196	199	200	210	219	227	246	253	223	253	400	409	419	442	449	422	453
Estonia								0	0	51	878	898	898	1836	0	0	51	878	898	898	1836
Finland	10	10	10		395	432	462	20720	20806	20787	21068	20900	20931	20620	20730	20816	20797	21068	21295	21363	21082
France	18	20	17	16	18	19	24	5067	5089	5152	5036	5223	6872	7921	5085	5109	5169	5052	5241	6891	7945
Germany	442	452	374	385	635	572	966	7124	7343	7391	7395	7400	7199	7358	7566	7795	7765	7780	8035	7771	8324
Greece	32	37	0	0	0	0	0								32	37	0	0	0	0	0
Hungary	195	252	252	249	310	322	321								195	252	252	249	310	322	321
Ireland	402	399	399	399	399	446	447	0	0	0	0	0	0	376	402	399	399	399	399	446	823
Italy	34	49	67	52	52	53	51	700	705	745	761	769	780	737	734	754	812	813	821	833	788
Latvia	1624	1621	1623	8	795	1740	1750	0	0	0	1622	1622	1684	1684	1624	1621	1623	1630	2417	3424	3434
Lithuania	677	977	1033	1049	1055	1058	1067								677	977	1033	1049	1055	1058	1067
Luxembourg	11	19	19	20	21	20	21	26	28	27	28	30	30	31	37	47	46	48	51	50	52
Malta															0	0	0	0	0	0	0
Netherlands	152	152	152	158	171	170	169								152	152	152	158	171	170	169
Poland	4624	6990	6387	6967	6949	6999	6920	0	0	317	4001	6691	7304	7304	4624	6990	6704	10968	13640	14303	14224
Portugal	186	193	434	268	300	330	340	0	200	205	217	219	236	236	186	393	639	485	519	566	576
Romania	1080	917	915	717	717	2387	2554								1080	917	915	717	717	2387	2554
Slovakia	174	147	140	140	147	145	147	1221	1266	1262	1240	1239	1243	1243	1395	1413	1402	1380	1386	1388	1390
Slovenia	270	212	257	269	265	256	250	0	0	0	0	0	10	10	270	212	257	269	265	266	260
Spain	116	127	140	142	152	133	195	1085	1145	1290	1461	1580	1607	1617	1201	1272	1430	1603	1732	1740	1812
Sweden	10647	9736	10971	11328	11573	11690	12072	7613	7969	8382	11043	11100	9813	9813	18260	17705	19353	22371	22673	21503	21885
United Kingdom	1310	1332	1347	1325	1365	1571	1597	0	0	0	0	1092	1318	1352	1310	1332	1347	1325	2457	2889	2949

Data source: FAO, 2015

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