



QUESTIONNAIRE ON POPLARS AND WILLOWS 2011

INTRODUCTION

The questionnaire on poplars and willows is designed to complement the Country Reports for the 24th IPC Session in 2012.

Response to the questionnaire is crucial for FAO to allow country, regional and global analyses of status and trends in forest sector development and to assist in improving formulation of policies, preparing outlook studies and undertaking planning, management, monitoring and reporting.

We understand the difficulties that experts may find in providing such information, however in lack of detailed statistical data, aggregated data and/or best professional estimates are also very much appreciated.

CONTACTS

For queries in completing this questionnaire please contact:

IPC-Secretariat, IPC-Secretariat@fao.org, or
Mr. Alberto Del Lungo, forestry officer, alberto.dellungo@fao.org

Thank you very much for your cooperation !

We would appreciate your contact details in case we may have any queries

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Table 1: Total area of poplars and willows 2011 by main forest categories, forest function and area planted from 2008 to 2011 (area change over the last 4 years)

The main FAO forest categories can be classified as:

Indigenous forest	forest of native species, where there are no clearly visible indications of human activities
Planted forest	forest of <u>native species</u> , or of <u>introduced species</u> , established through planting or seeding mainly for <i>production of wood or nonwood goods</i> and/or <i>provision of environmental services</i>
Agroforestry/trees outside forests (TOF):	Stands smaller than 0.5 ha; trees in agricultural land (agroforestry systems, homegardens, orchards); trees in urban environments; and scattered along roads and in landscapes

In the following table please indicate for the year 2011 the area (ha) of poplars and willows, the forest area allocated to forest functions (%) and the area planted (afforestation and reforestation) from 2008 to 2011 (4 years).

Please note that the total of the four forest functions cannot be more than 100% horizontally

Table 1

Forest category		Total Area 2011 (ha)	Total area by forest function in %				Area planted from 2008-2011 (reforestation and afforestation) (ha)
			Production		Protection (%)	Other* (%)	
			Industrial roundwood, (%)	Fuelwood biomass (%)			
Indigenous	Poplars	42225					
	Willows	15998					
	Mix of P&W						
	Total	58223					
Planted	Poplars	101430	65	6	29		20000
	Willows	7965			100		
	Mix of P&W						
	Total	109395					
Agrofor./ TOF	Poplars						
	Willows						
	Mix of P&W						
	Total						
Grand Total		167618					

*Please specify other function:

INFC data and INFC work group communication



Table 3: Main cultivars/clones in use in planted forests

Please list the main cultivars in use, starting with the most common, assign a percentage share and indicate (a) whether they originate from certified germplasm and (b) what is their major end-use (e.g. veneer production, fibre production, biomass, etc.):

Please note that totals by species (column 2) should tally to 100% vertically for both, poplars and willows

Table 3

Main cultivars/clones in use	%	Originates from certified germplasm (yes/no)	Major end-use
Poplars			
1) I 214	77	yes	veneer
2) Villafranca	3	yes	biomass
3) Monviso	2	yes	biomass
4) A4A	2	yes	biomass
5) BL Costanzo	2	yes	veneer
6) San Martino	2	yes	veneer
7) Adige	1	yes	veneer
8) Boccalari	1	yes	veneer
9)Other	10	yes	
10)			
Total poplars	100		
Willows			
1)			
2)			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
10)			
Total willows	100		



Table 4: Tree ownership in 2011

Tree ownership types are classified as follows:

Public ownership	Trees owned by the State (national, state, regional governments) or government-owned institutions/corporations or other public bodies including cities, municipalities and villages.
Private corporate ownership	Trees owned by private companies, co-operatives, corporations, industries, private religious and educational institutions, pension or investment funds (generally large scale)
Private smallholder ownership	Trees owned by individuals, families or village communities (generally small scale)
Other ownership	Ownership of trees not classified as public or private. Includes land where tree ownership is not defined or unknown (e.g. community, traditional).

Please list following the above ownership classification the area of poplars and willows, as percentage of the total area reported in table 1.

Please note that totals by ownership categories should tally to 100% horizontally.

Table 4

Forest category		Public ownership			Private corporate ownership			Private smallholder ownership			Other ownership		
		Prod	Prot	Other	Prod	Prot	Other	Prod	Prot	Other	Prod.	Prot.	Other
		%	%	%	%	%	%	%	%	%	%	%	%
Indigenous	Poplars												
	Willows												
Planted	Poplars	10			20			70					
	Willows												
Agrofor./ TOF	Poplars												
	Willows												



Table 5: Forest products from poplars and willows 2011

Please list by forest category the products that have been produced from poplars and willows in 2011. Please use roundwood equivalents (1000 m³ r) as measuring unit. The general conversion factors for each single product are given below (in case your country specific conversion factors are not available):

Product	Measuring unit of the product	Conversion factor to roundwood equivalents
Fuelwood	metric tonnes or m ³ stacked wood	1 metr. tonne = 4 m ³ (r) 1 m ³ stacked wood = 1.8 m ³ (r)
Chips	metric tonnes	1 metr. tonne = 1.7 m ³ (r)
Mechanical woodpulp Chemical woodpulp	metric tonnes	1 tonne mech. pulp = 2.5 m ³ (r) 1 tonne chem. pulp = 4.5 m ³ (r)
Particleboard Fibreboard (hardboard, MDF)	m ³ of the product	1 m ³ particleboard = 1.4 m ³ (r) 1 m ³ fibreboard = 2.0 m ³ (r)
Veneer sheets	m ³ of the product	1 m ³ = 1.9 m ³ (r)
Plywood	m ³ of the product	1 m ³ = 2.5 m ³ (r)
Sawn timber	m ³ of the product	1 m ³ = 1.8 m ³ (r)

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Table 5: Forest products from poplars and willows

Forest category		Fuelwood chips	Industrial roundw. (logs, pulpw.)	Wood-pulp (mech. or chem.)	Particleboard fibreb. (MDF, hardboard)	Veneer sheets	Plywood	Sawn-timber
		'000 m ³ (r)						
Indigenous	From poplars							
	From willows							
Planted	From poplars	316	14		180		336	127
	From willows							
Agrofor./ TOF	From poplars							
	From willows							

ISTAT-Annuario statistico Italiano 2011 and estimation from SRF plantations



Table 6: Foreign trade with poplars and willows in 2011

Please list the **products from poplars and willows** that have been traded internationally in 2011. Please use roundwood equivalents (1000 m³ r) as the measuring unit and indicate the countries of origin and destination respectively, if possible.

Imports of poplar and willow products 2011	'000 m3 (r)	Countries of origin	Estimated share of country of origin in p&w imports of this product (%)
Fuelwood, chips		1) 2) 3)	1) 2) 3)
Industrial roundwood (logs, pulpwood)	335	1) France 2) Hungary 3) Austria	1) 2) 3)
Wood pulp (mech. or chem.)		1) 2) 3)	1) 2) 3)
Particleboard, fibreboard (hardboard, MDF)		1) 2) 3)	1) 2) 3)
Veneer sheets		1) 2) 3)	1) 2) 3)
Plywood		1) 2) 3)	1) 2) 3)
Sawn timber	193	1) Hungary 2) Slovakia 3) Poland	1) 2) 3)
Exports of poplar and willow products 2011	'000 m3 (r)	Destination countries	Estimated share of the destination country in p&w exports of this product (%)
Fuelwood, chips		1) 2) 3)	1) 2) 3)
Industrial roundwood (logs, pulpwood)	6	1) Hungary 2) Germany 3)	1) 2) 3)
Wood pulp (chem.. or chem..)		1) 2) 3)	1) 2) 3)
Particleboard, fibreboard (hardboard, MDF)		1) 2) 3)	1) 2) 3)
Veneer sheets		1) 2) 3)	1) 2) 3)
Plywood		1) 2) 3)	1) 2) 3)
Sawntimber	9	1) Germany 2) Austria 3) Switzerland	1) 2) 3)



Table 7: Your opinion is important to us! Please reflect on the prevailing trends until 2020 in the development of poplars and willows in your country!

What is your opinion on the following issues:

Please put a cross in the column you think most appropriate

	increase	decrease	remain as it is	don't know
The conversion of natural poplar and willow forests to other land uses will...		x		
The area of planted poplar and willow forests will....			x	
The area of poplars and willows for bioenergy plantations will	x			
Investments in poplar and willow tree breeding programs will	x			
Government investments in the poplar and willow sector will ...				x
Private investments in the poplar and willow sector will ...				x
The significance of poplars and willows for productive purposes will	x			
The significance of poplars and willows for environmental purposes will	x			
The rejection by environmental groups of planted poplar and willow forests will		x		
The acceptance by the general public of poplars and willows being important natural resources will.....	x			

---END OF QUESTIONNAIRE---