

ANNEX 1: CONVERSION FACTORS USED IN THE EUROPEAN FOREST SECTOR OUTLOOK STUDY

Country	Volume of roundwood (underbark) required to produce one cubic metre of product						Volume of roundwood (underbark) required to produce one metric tonne of product							Felling volume per cubic metre of roundwood production
	Coniferous sawnwood	Non-coniferous sawnwood	Particleboard	Fibreboard	Plywood	Veneer sheets	Mechanical pulp	Chemical pulp	Semi-chemical pulp	Newsprint	Printing and writing paper	Other paper and paperboard	Recovered paper	
Austria	1.54	1.50	1.30	1.82	2.00	2.20	2.48	4.48	2.86	3.20	4.00	3.39	3.80	1.44
Belgium	1.60	1.60	1.40	1.80	1.90	1.90	2.30	4.50	2.90	3.20	4.00	3.40	3.80	1.16
Denmark	1.76	1.69	1.44	1.82	2.89	2.20	2.48	4.48	2.86	3.20	4.00	3.39	3.80	1.02
Finland	2.10	2.40	1.80	1.50	2.70	2.00	2.40	4.70	2.20	3.20	4.00	3.40	3.80	1.28
France	1.81	2.05	1.20	1.80	1.95	1.67	2.48	4.48	2.86	3.20	4.00	3.39	3.80	1.48
Germany	1.56	1.46	1.22	1.51	1.94	2.06	2.60	4.70	2.70	3.20	4.00	3.39	3.80	1.31
Greece	1.80	1.70	1.40	1.80	2.90	3.10	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.25
Iceland	1.76	1.69	1.44	1.82	2.89	2.20	2.48	4.48	2.86	3.20	4.00	3.39	3.80	1.40
Ireland	1.76	1.69	1.44	1.82	2.89	2.20	2.48	4.48	2.86	3.20	4.00	3.39	3.80	1.11
Italy	1.76	1.69	1.44	1.82	2.89	2.20	2.48	4.48	2.86	3.20	4.00	3.39	3.80	1.12
Luxembourg	1.60	1.60	1.40	1.80	1.90	1.90	2.30	4.50	2.90	3.20	4.00	3.40	3.80	1.15
Netherlands	1.64	1.57	1.44	1.82	1.89	1.89	2.27	4.48	2.86	3.20	4.00	3.39	3.80	1.43
Norway	1.76	1.69	1.44	1.82	2.89	2.20	2.39	4.50	2.86	3.20	4.00	3.39	3.80	1.25
Portugal	1.42	3.52	1.57	1.94	3.10	1.20	2.48	4.48	2.86	3.20	4.00	3.39	3.80	1.23
Spain	1.42	3.52	1.57	1.94	3.10	1.20	2.48	4.48	2.86	3.20	4.00	3.39	3.80	1.12
Sweden	2.00	1.90	1.40	1.70	2.30	2.20	2.30	4.70	2.20	3.20	4.00	3.39	3.80	1.21
Switzerland	1.70	1.80	1.40	1.60	1.50	1.90	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.37
United Kingdom	1.71	1.61	1.40	1.80	2.89	2.20	2.16	4.48	2.86	3.20	4.00	3.39	3.80	1.30
Albania	2.00	2.00	1.40	2.80	2.50	2.90	1.20	4.50	2.90	3.20	4.00	3.40	3.80	1.20
Bosnia and Herzegovina	1.80	1.70	1.40	1.80	2.90	2.20	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.25
Bulgaria	1.70	2.10	1.40	2.30	2.50	2.60	2.30	5.30	2.30	3.20	4.00	3.40	3.80	1.45
Croatia	1.80	1.70	1.40	1.80	2.90	2.20	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.24
Czech Republic	1.60	1.50	1.50	2.60	2.30	1.70	2.60	5.30	2.90	3.20	4.00	3.40	3.80	1.32
Estonia	1.70	1.60	1.40	1.80	2.90	2.20	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.33
Hungary	1.50	1.70	1.60	3.30	1.80	2.00	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.25
Latvia	1.70	1.60	1.40	1.80	2.70	2.20	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.37
Lithuania	1.60	1.70	1.80	2.60	2.30	2.20	2.50	4.80	2.90	3.20	4.00	3.40	3.80	1.32
Poland	1.50	1.40	1.80	1.80	2.30	1.90	2.60	5.30	3.10	3.20	4.00	4.70	3.80	1.44
Romania	1.70	1.60	1.70	2.10	2.30	2.90	2.90	6.40	3.20	3.20	4.00	3.40	3.80	1.43
Serbia and Montenegro	1.80	1.70	1.40	1.80	2.90	2.20	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.25
Slovakia	1.80	1.70	1.40	1.80	2.90	2.20	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.44
Slovenia	1.80	1.70	1.40	1.80	2.90	2.20	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.15
TFYR Macedonia	1.80	1.70	1.40	1.80	2.90	2.20	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.10
Turkey	1.80	1.70	1.40	1.80	2.90	2.20	2.50	4.50	2.90	3.20	4.00	3.40	3.80	1.22
Belarus	1.60	1.45	1.60	3.00	2.65	2.00	2.50	5.21	2.90	3.50	4.20	3.80	3.80	1.14
Republic of Moldova	2.00	2.00	1.40	2.80	2.50	2.90	1.20	4.48	2.86	3.50	4.20	3.80	3.80	1.76
Russian Federation	1.60	1.50	1.60	3.00	2.70	2.00	2.50	5.20	2.90	3.50	4.20	3.80	3.80	1.45
Ukraine	1.60	1.50	1.60	3.00	2.70	2.00	2.50	5.20	2.90	3.50	4.20	3.80	3.80	1.33