

**United Nations Economic Commission for Europe
Food and Agriculture Organization
of the United Nations**



Timber Section,
Geneva, Switzerland

SUB Göttingen
210 423 48X

7



99 B 4265

GENEVA TIMBER AND FOREST DISCUSSION PAPERS

ETTS V WORKING PAPER

EUROPEAN FORESTS AND TIMBER: SCENARIOS INTO THE 21ST CENTURY (CONSUMPTION, PRODUCTION, TRADE, RECYCLING AND ENERGY)

by
Timber Section
UN/ECE Trade Division

V
160



**UNITED NATIONS
New York and Geneva, 1996**

**EUROPEAN FORESTS AND TIMBER:
SCENARIOS INTO THE 21ST CENTURY**
(consumption, production, trade, recycling and energy)

TABLE OF CONTENTS

	<i>page</i>
Introduction	1
The consistency analysis model	1
Alternative scenarios	5
Scenarios for consumption of wood for energy	6
Country groups	6
 BASE SCENARIOS	
Albania	8-9
Austria	10-11
Belgium	12-13
Bosnia and Herzegovina	14-15
Bulgaria	16-17
Croatia	18-19
Cyprus	20-21
Czech Republic	22-23
Denmark	24-25
Estonia	26-27
Finland	28-29
France	30-31
Germany	32-33
Greece	34-35
Hungary	36-37
Iceland	38-39
Ireland	40-41
Israel	42-43
Italy	44-45
Latvia	46-47
Lithuania	48-49
The former Yugoslav Republic of Macedonia	50-51
Malta	52-53
Netherlands	54-55
Norway	56-57
Poland	58-59
Portugal	60-61
Romania	62-63
Slovakia	64-65
Slovenia	66-67
Spain	68-69
Sweden	70-71
Switzerland	72-73
Turkey	74-75
United Kingdom	76-77
Yugoslavia	78-79

	<i>page</i>
Europe	80-81
Nordic countries	82-83
European Union (12)	84-85
Central Europe	86-87
East Europe	88-89
South-East Europe	90-91
Baltic countries	92-93
European Union (15)	94-95
Western Europe (18)	96-97
Countries in transition	98-99

ALTERNATIVE SCENARIOS

High prices and high costs

Europe	100
Nordic countries	101
European Union (12)	102
Central Europe	103
East Europe	104
South-East Europe	105
Baltic countries	106
European Union (15)	107
Western Europe (18)	108
Countries in transition	109

High prices, constant costs

Europe	110
Nordic countries	111
European Union (12)	112
Central Europe	113
East Europe	114
South-East Europe	115
Baltic countries	116
European Union (15)	117
Western Europe (18)	118
Countries in transition	119

High prices and low costs

Europe	120
Nordic countries	121
European Union (12)	122
Central Europe	123
East Europe	124
South-East Europe	125
Baltic countries	126
European Union (15)	127
Western Europe (18)	128
Countries in transition	129

	<u>page</u>
Constant prices, high costs	
Europe	130
Nordic countries	131
European Union (12)	132
Central Europe	133
East Europe	134
South-East Europe	135
Baltic countries	136
European Union (15)	137
Western Europe (18)	138
Countries in transition	139
 Constant prices, low costs	
Europe	140
Nordic countries	141
European Union (12)	142
Central Europe	143
East Europe	144
South-East Europe	145
Baltic countries	146
European Union (15)	147
Western Europe (18)	148
Countries in transition	149
 Low prices, constant costs	
Europe	150
Nordic countries	151
European Union (12)	152
Central Europe	153
East Europe	154
South-East Europe	155
Baltic countries	156
European Union (15)	157
Western Europe (18)	158
Countries in transition	159
 Low prices and low costs	
Europe	160
Nordic countries	161
European Union (12)	162
Central Europe	163
East Europe	164
South-East Europe	165
Baltic countries	166
European Union (15)	167
Western Europe (18)	168
Countries in transition	169

Low construction

Europe	170
Nordic countries	171
European Union (12)	172
Central Europe	173
East Europe	174
South-East Europe	175
Baltic countries	176
European Union (15)	177
Western Europe (18)	178
Countries in transition	179

High waste paper recovery

Europe	180
Nordic countries	181
European Union (12)	182
Central Europe	183
East Europe	184
South-East Europe	185
Baltic countries	186
European Union (15)	187
Western Europe (18)	188
Countries in transition	189

Low waste paper recovery

Europe	190
Nordic countries	191
European Union (12)	192
Central Europe	193
East Europe	194
South-East Europe	195
Baltic countries	196
European Union (15)	197
Western Europe (18)	198
Countries in transition	199

Minimum imports 1

Europe	200
Nordic countries	201
European Union (12)	202
Central Europe	203
East Europe	204
South-East Europe	205
Baltic countries	206
European Union (15)	207
Western Europe (18)	208
Countries in transition	209

	<i>page</i>
Minimum imports 2	
Europe	210
Nordic countries	211
European Union (12)	212
Central Europe	213
East Europe	214
South-East Europe	215
Baltic countries	216
European Union (15)	217
Western Europe (18)	218
Countries in transition	219

WOOD FOR ENERGY SCENARIOS

Consumption of fuelwood, 1980-2020	220
Consumption of primary processing residues for energy	221
Consumption of secondary processing residues for energy	222
Consumption of recovered wood products for energy	223
Consumption of pulp and paper industry residues (wood and bark) for energy	224
Consumption of wood for energy, excluding liquors	225
Wood equivalent of energy from pulping liquors	226
<i>Some facts about the Timber Committee</i>	227
<i>UN-ECE/FAO Publications</i>	228