2.I - Wood Processing

Category Code		М	AD					EF							
2.1		T1				NS					CS				
	NO _x	NMVO	C SO ₂	NH3	PM _{2.5}	PM ₁₀	TSP	BC	CO F	b Co	l Hg	Dio	PAH	НС	B
Key Category:	-	-/-	-	-	-/-	-/-	-/-	-	-		-	-	-	-	
Method(s) app	lied														
D			Default												
				Tier 1 / Simple Methodology *											
T2				Tier 2*											
Т3			Tier 3	Tier 3 / Detailed Methodology *											
С				CORINAIR											
CS				Country Specific											
				Model											
* as described in			EA En	nissio	on Inve	entory	Guio	debo	ook -	2019	, in c	categ	ory cł	napte	ers
(source for) Ac	tivit	y Data													
NS				-	Statist										
RS				Regional Statistics											
IS			-	International Statistics											
PS As				Plant Specific Associations, business organisations											
				specific Questionnaires (or surveys)											
			· ·				es (o	r su	rveys)					
				Model / Modelled Confidential											
(source for) En		on Eac		ident	Idl										
(source for) En	11551			ult / 5	MED	Suide	nok	<u> </u>							
				Default (EMEP Guidebook) Country Specific											
				Plant Specific											
F3 M		Model / Modelled													
C			Conf			<u>u</u>									
C				acin											

This industrial sector essentially includes the production of chipboards. It's of minor meaning with view on emissions.

Chipboards is made from wood chips with added binders under the influence of pressure and heat. The main source of NMVOC emissions are the wood chips used, from which NMVOCs are emitted during drying due to the effect of heat. NMVOC can also be emitted from the wood and the binder during the pressing process. Chipboards are produced in about 20 plants in Germany. The chipboard industry is dominated by larger companies.

Activity data

The activity data are taken from the national statistics ¹, but must be converted from volume to mass data for further use.

Table: Produced amounts, in 10⁶ metric tonnes [t]

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201420152016201720182019202020214.4464.4024.564.7034.3224.4894.4314.776
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Emissions factors

The emission factors of 0.9 kg/t for NMVOC and 0.3 kg/t for PM were estimated on the basis of expert judgements.

Recalculations

No recalculations were necessary compared to last year's Submission.



For **pollutant-specific information on recalculated emission estimates for Base Year and 2020**, please see the pollutant specific recalculation tables following chapter 8.1 - Recalculations.

¹⁾ Federal Statistical Office, reporting numbers until 2018: 1621 13 131; 1621 13 133; 1621 13 163; 1621 13 500, reporting numbers from 2019: 162112001, 162112002, 162112003, 162113160, 162114190, 162114500, converted and summarised in tonnes