2.I - Wood Processing

## 2.I - Wood Processing

<b>Category Code</b>	Method				AD				EF						
2.1		T1				NS				CS					
	NO <sub>x</sub>	NMVOC	SO <sub>2</sub>	NH <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>	TSP	вс	СО	Pb	Cd	Hg	Diox	PAH	нсв
Key Category:	-	-/-	-	-	-/-	-/-	-/-	-	-	-	-	-	-	-	-

-,, ,					
Method(s) applied					
D	Default				
T1	Tier 1 / Simple Methodology *				
T2	Tier 2*				
Т3	Tier 3 / Detailed Methodology *				
С	CORINAIR				
CS	Country Specific				
М	Model				
* as described in the EMEP/E	EA Emission Inventory Guidebook - 2019, in category chapters.				
(source for) Activity Data					
NS	National Statistics				
RS	Regional Statistics				
IS	International Statistics				
PS	Plant Specific				
As	Associations, business organisations				
Q	specific Questionnaires (or surveys)				
М	Model / Modelled				
С	Confidential				
(source for) Emission Fac	tors				
D	Default (EMEP Guidebook)				
CS	Country Specific				
PS	Plant Specific				
М	Model / Modelled				
С	Confidential				

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 <sup>1)</sup>, but must be converted from volume to mass data for further use.

Year	2014	2015	2016	2017	2018	2019	2020
produktion in million Tonnes	4.446	4.402	4.56	4.703	4.322	4.489	4.431

## **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.

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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.

<sup>&</sup>lt;sup>1)</sup> 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