Please consider the changes at the respective tables of our RL submission report.

Table 1. Value of proposed reference levels (RL, period 2013-2020).

Proposed Reference Level [1], [4] ($GgCO_2eq$ per year)	
Applying first order decay function for HWP [2]	Assuming instantaneous oxidation of HWP [3]
-1396	-800

(1) The reported values are averages of the projected FM data series for the period 2013-2020, taking account of policies implemented before mid-2009 only.
(2) Including emissions/removals from HWP estimated using the product categories, half lives and methodologies as suggested in para 27, page 31 of FCCC/KP/AWG/2010/CRP.4/Rev.4. Activity data is starting from 1964 for HWP and 1990 for FM.
(3) Provided for transparency reasons only.
(4) The reference level includes emissions and removals from natural disturbances of the period 2000-2008 in the historical data.

Table 12 Conversion factors of considered commodities*

Classification		Description of commodity	Air dry density	C conv. factor	Source
FAO	UNECE		[g/cm³]	[Gg C/1000m³]	
1866	1.2.C	Industrial roundwood, coniferous	0,450	2,250E-01	Kollmann (1982), (oak, beech)
1867	1.2.NC	Industrial roundwod, non-coniferous	0,670	3,350E-01	Kollmann (1982), (oak, beech)
1632	5.C	Sawnwood, coniferous	0,450	2,250E-01	Kollmann (1982), (oak, beech)
1633	5.NC	Sawnwood, non-coniferous	0,670	3,350E-01	Kollmann (1982), (oak, beech)
1634	6.1	Veneer sheets	0,590	2,950E-01	IPCC (2003)
1640	6.2	Plywood	0,480	2,402E-01	IPCC (2003)
1646	6.3	Particle board	0,630	2,898E-01	Hasch (2002), Barbu (2011)
1647	6.4.1	Hardboard	0,850	4,165E-01	Kollmann (1982), Barbu (2011)
1648	6.4.2	Medium density fibreboard	0,725	3,190E-01	Hasch (2002), Barbu (2011)
1649	6.4.x	Fibreboard, compressed	0,788	3,504E-01	(50 % hardboard / 50 % medium density fibreboard)
1650	6.4.3	Other board (Insulating board)	0,270	1,148E-01	Kollmann (1982), Barbu (2011)
1876	10	Paper and paperboard	0,900**	4,500E-01**	IPCC (2006)

* Items 1866 and 1867 are needed for methodological reasons only (see following section), ** in [g/g] and [Gg C/1000t]

Table 13 Historic time series of amounts and share of accountable carbon inflow to the HWP pool [in 1000t C and %]

1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
71	82	66	68	78	83	101	113	126	131	120	145	146	159	165	183	189
88,7%	86,8%	74,9%	74,9%	74,0%	70,5%	76,5%	76,9%	71,6%	66,2%	63,0%	75,8%	74,2%	73,7%	71,8%	68,2%	72,0%
1981	**1982**	**1983**	**1984**	**1985**	**1986**	**1987**	**1988**	**1989**	**1990**	**1991**	**1992**	**1993**	**1994**	**1995**	**1996**	**1997**
194	206	269	283	278	299	290	290	291	307	328	258	486	524	533	514	385
77,5%	82,9%	82,5%	83,9%	85,6%	80,4%	80,2%	78,4%	79,8%	81,0%	81,1%	68,1%	89,6%	96,6%	95,7%	95,9%	92,0%

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
307	312	356	333	373	345	341	360	324	412	373	423
71,0%	77,3%	76,4%	74,1%	73,5%	65,3%	64,4%	67,9%	67,6%	86,0%	77,9%	77,9%

Table 14 Projection of carbon Inflow to the HWP pool

Average of historic harvest (2003-2007) [in 1000m3]	1.870
Average HWP pool Inflow* (2003-2007) [in 1000t C]	356

years	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Projected harvest rate [in 1000m3]	2250	2325	2401	2477	2553	2629	2705	2781	2857	2933	3009
Change as cp to historic harvest (2003-2007) [in %]	20,31%	24,3%	28,4%	32,5%	36,5%	40,6%	44,7%	48,8%	52,8%	56,9%	60,9%
Projected carbon Inflow to HWP pool [in 1000t C]	429	443	458	472	487	501	516	530	545	559	574

*a similar approach was chosen by Kangas and Baudin (2003): ECE/TIM/DP/30

Table 15 Historic (up to 2009) and projected net-emissions from HWP pool [in 1000t CO2]

1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
-407	-437	-156	-888	-843	-712	-530	-31	212	129	-86	-42	-210	-138	-162	-246	-141

2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
-473	-320	-627	-495	-511	-527	-543	-559	-575	-590	-605	-619	-633	-647