Revision

of the forest management reference level of Hungary:

ERRATUM

In order to comply with relevant provisions of the Cancún decisions of last year, Hungary submitted its proposed estimate for the forest management reference level (FM-RL) earlier.

In a recent checking of one of the models that was used in the derivation of the FM-RL, a calculation error was identified. This error was identified in the model that estimates emissions from harvested wood products (HWP). It has affected the estimate of the emissions from HWP in the first place, but also the estimate of the FM-RL including emissions from HWP applying the first order decay function. The estimates of removals from forest management assuming instantaneous oxidation have not been affected.

This revision is an erratum of the FM-RL for Hungary and the emissions from HWP that were used to calculate the FM-RL. Below we report the new estimates of both the FM-RL and the underlying data, i.e. new estimates of HWP.

Please note that we do not revise and re-submit the entire report on FM-RL at this point, rather, we only submit the data that had to be changed. The reasons for this are the following:

- The error identified is a calculation error, and is not an error either in the assumptions or the structure of the model. This means that, at this point, all other relevant sections and information of the original submission are unchanged.
- According to the process agreed in Cancún, the FM-RLs are going to be reviewed soon. This may mean that, although not necessarily expected, some parts of the report will have to be revised, in which case we will re-submit the entire report anyway. Also, as only a short time has remained for Reviewers to process the reports, we may lose time if we revised the entire submission for which several days would be needed.
- Although the change in the FM-RL estimate seems to be quite substantial (i.e. 39%), it is because the original FM-RL value was close to zero, and the change is small relative to both the economy-wide emission reduction plans and the entire current sink capacity of the Hungarian forests. Thus, the amount of credits or debits that will be additional to those that could have been calculated against the original FM-RLs is small.

This revision is an addition to our original submission, and the reported new data should be regarded as an erratum in the sense that the revised data replace the values of the same variables in our original submission. For transparency reasons, we report both the new and the original values, as well as the changes in both absolute values and percent.

We ask the Secretariat to inform the Reviewers about these changes. We will provide further details to both the Reviewers and the Secretariat if needed.

Revised and original values of **Table 1** (Value of proposed reference levels, Gg CO2eq) and the differences:

	Proposed Reference Level (GgCO2eq per year)	
	applying first order decay function for HWP	assuming instantaneous oxidation of HWP
REVISED:	**-630**	**-572**
ORIGINAL:	-452	-572
DIFFERENCE (GgCO2eq):	-178	0
DIFFERENCE (%):	39	0

Revised and original values of **Table 15** (Historic (up to 2009) and projected net-emissions from HWP pool, in 1000t CO2) by calendar year and the differences:

REVISED:

1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	AVERAGE
-639	-286	-57	-125	-445	-13	-18	-190	-111	-110	-187	-140	-189	-52	-14	-333	-251	-222	**-188**

2008	2009	2010	2011	2012	AVERAGE	2013	2014	2015	2016	2017	2018	2019	2020	AVERAGE
-185	778	-143	-106	-82	**52**	-67	-58	-54	-53	-54	-56	-59	-63	**-58**

ORIGINAL:

1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	AVERAGE
-409	-158	96	62	-239	191	230	74	329	213	129	136	99	262	202	-123	46	15	**64**

2008	2009	2010	2011	2012	AVERAGE	2013	2014	2015	2016	2017	2018	2019	2020	AVERAGE
-37	938	92	112	123	**246**	129	130	129	125	121	115	109	102	**120**

DIFFERENCE (first row: in 1000 tCO2, second row: %):

1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	AVERAGE
-230	-128	-153	-187	-205	-203	-248	-264	-439	-323	-316	-277	-288	-313	-216	-210	-297	-238	**-252**
-36	-45	-267	-150	-46	-1620	-1364	-139	-397	-295	-169	-197	-153	-604	-1588	-63	-118	-107	**-134**

2008	2009	2010	2011	2012	AVERAGE	2013	2014	2015	2016	2017	2018	2019	2020	AVERAGE
-148	-160	-235	-218	-205	**-193**	-196	-189	-183	-178	-174	-171	-168	-165	**-178**
-80	21	-164	-205	-250	**371**	-292	-324	-339	-338	-325	-305	-283	-260	**-307**