



Government of Nepal

Ministry of Forests and Environment

Ministry of Forests & Environment
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To whom it may concern

The value of the fraction of Non-renewable Biomass in Nepal was endorsed by Designated National Authority (DNA) of Nepal on 5th June 2012 and submitted to UNFCCC with the country specific default value for the fraction of non-renewable biomass (fNRB) for Nepal as 86%. In DNAs assessment, the value (86%) is still valid. The calculation of the fNRB as per the tools "Calculation of the fraction of non-renewable biomass, Version 01.0" is attached. The DNA hereby suggests applying the value of 86% to the CDM and other carbon projects/PoA implemented using methodologies that requires fraction of non-renewable biomass (fNRB) value and request Designated Operational Entity (DOE) to consider this fNRB value in validation and verification of the CDM projects and PoAs in Nepal.

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Fraction of Non-Renewable Biomass (fNRB)

Description	Units	Total quantity	Reference
Total Annual Consumption of Wood (H)	Million ton/year	128.00	Estimated by Ministry of Forest and Environment, Government of Nepal
Extent of forest in sub-category ($F_{forest,i}$)	hectares	5962038	State of Nepal's Forest, Table 7
Extent of Other Wooded Land ($F_{other,i}$)	hectares	647892	State of Nepal's Forest, Table 8
Extent of non-accessible area within forest areas (P_{forest})	hectares	1032604	State of Nepal's Forest, Table 10
Extent of non-accessible area within other wooded land area (P_{other})	hectares	0	
Mean Annual Increment of woody biomass growth per hectare in sub-category i of forest areas ($MAI_{forest,i}$)	Ton/hactare/Year	3.19	Calculated using Global Forest Resources Assessment 2000 by the FAO for "Distribution of total forest area by ecological zone" (Table 14) and 2006 IPCC Guidelines for National Greenhouse Gas Inventories for "Above-ground biomass growth rates (t/ha-yr) for different ecological zones" (Chapter 4, Table 4.9); Value for Asia Continental
Mean Annual Increment of woody biomass growth per hectare in sub-category i of other wooded land areas ($MAI_{other,i}$)	Ton/hactare/Year	3.19	
Renewable Biomass (RB)	ton/year	17791669.94	
Non-Renewable Biomass (NRB)	ton/year	110208330.06	
Fraction of Non-renewable Biomass (fNRB)	Fraction	0.861	