

## **Methodology Revision for AR-ACM0001 Version 5, under the American Carbon Standard (ACR) to include "Long-Term Wood Products" as a significant carbon pool**

### ***Comments***

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#### **Background and rationale:**

According to ACR Forest Carbon Project Standard Version 2.0 (June 2010), ACR accepts methodologies and tools approved for use by the Clean Development Mechanism (CDM). CDM methodologies like AR-ACM0001 are mature and readily applicable. However, they do not support carbon pools currently not included in the CDM scheme, such as carbon stocks in harvested wood products.

ACR allows accounting of harvested wood products and provides guidance for this pool, e.g. in its new "ACR Tool for Estimation of Stocks in Carbon Pools and Emissions from Emission Sources", for which public comments period has recently closed.

Sustainably managed afforestation/reforestation (A/R) projects which include harvesting activities lead to ongoing carbon sequestration on a high level due to re-growth of the harvested stands. While some harvested wood is inevitably lost in processing or used for short-lived products, and is therefore not contributing to net GHG reduction, a small fraction is stored in long-lived wood products for 100 years or more. As with IFM and REDD projects, it is thus reasonable to include long-term wood products as a significant carbon pool also in A/R projects.

#### **General description of the revision:**

This requested methodology revision integrates the "long-term wood products" pool in AR-ACM0001, Version 5 and incorporates the clarifications provided in "ACR Approval of CDM Approved Consolidated Methodology AR-ACM0001, Version 5", while keeping all other aspects of the methodology unchanged. Proposed calculations for carbon stocks in long-term wood products are adopted from the published VCS methodology VM0003 and equivalent to the "ACR Tool for Estimation of Stocks in Carbon Pools and Emissions from Emission Sources".

The changes necessary in AR-ACM0001 for "long-term wood products" are primarily the description of pools included, the formulas and descriptions to calculate carbon stock changes in the baseline and project scenario and the respective monitoring parameters.

Text changed in or added to AR-ACM0001 is marked **yellow** (changes for the integration of long-term wood products pool) or **green** (changes according to ACR clarifications for AR-ACM0001 v5). All calculations for long-term wood products are directly adopted from the calculations in the published VCS methodology VM0003 and are equivalent to the above mentioned "ACR Tool for Estimation of Stocks in Carbon Pools and Emissions from Emission Sources". Some parameter descriptions and indices have been adapted to match AR-ACM0001 wording. Also, formulas were adapted for calculation by stratum to follow general approach in AR-ACM0001.