**Terms of Reference**

**Expert:** International expert on National Forest Inventory (NFI)

**Output:** 2.1

**Responsible UN Agency:** FAO

**National/International:** International P4 level

**Duration:** (between 2 – 4) person/months “When-Actually-Employed” basis   
June 2010 – December 2010

**Duty station:** Home station with travels to Jakarta and Rome

**Background:**

The UN-REDD Programme assists Indonesia to strengthen the country’s capacity to be ready for REDD+ implementation. One of the key components of the Programme is to develop and help implement a national framework for National Forest Inventory (NFI).

**Objectives:**

The overall objective of the assignment is to develop a sound system for a NFI providing accurate information on the dynamics of emission factors that Indonesia will have to use to fulfill its national GHGs Inventory to report under UNFCCC (REDD+). Hence, through this project, the International Consultant will collaborate with the FAO MRV team in developing a methodology for NFI in cooperation with the Ministry of Forestry and assist the Ministry of Forestry in implementing its NFI.

**Supervision:**

Under the general supervision of the Budget Holder of FAO (FAO Representative of Indonesia) and the NPD; and under the direct supervision of the Lead Technical Officer of the FAO Forest Assessment, Management and Conservation Division (FOMD), the National REDD+ Team Leader and the UN-REDD Technical Specialist, and in close collaboration with the national expert on NFI, and other national and international parties working on NFIs in Indonesia.

**The consultant will take on the following specific responsibilities**:

* Review current national NFI system and assess its practicality in supporting a GHGs reporting under UNFCCC.
* Contribute in designing a NFI methodology that will draw on methodological guidance from IPCC inputs, national forest inventory methods, and existing country guidelines. In addition to all the information on forest resources Indonesia should also obtain: (i) country specific estimates of the emission factors, (ii) multi-temporal inventory data and (iii) uncertainty estimates with any data reported.

**Qualifications, Experience and Competencies**

* Professorship in Environmental Science, Natural Resource Management, Environmental Economics, or similar.
* At least 7 years of working experience on forest inventory, monitoring and assessment, preferably with some experience in Indonesia.
* Knowledge of and practical experience on NFI design and implementation.
* Proficiency in both spoken and written English.