**Gold Standard for the Global Goals**

**Template – Leakage for Afforestation and Reforestation Projects**



**Version 1 – July 2017**

**SECTION A. PROJECT DESCRIPTION**

**A. 1. Title of the project**

Title:

Date:

Version no.:

Gold Standard ID:

**SECTION B. LEAKAGE**

*>>Please outline how your project meets each of the following requirements, referring to any supporting documentation where necessary*

| **Describe the selection of your categories.** | |
| --- | --- |
| **collection of wood (for firewood, charcoal, etc.)** | **… Please provide a reason for selecting or not selecting this category?** |
| **timber harvesting** | **…** |
| **agriculture (crop cultivation, shrimp cultivation, etc.)** | **…** |
| **livestock** | **…** |

| **Overview of the different leakage strata and the results of the baseline determination. The individual calculation of each stratum is in the boxes below.** |
| --- |
| |  | **Stratum ID** | **Leakage tree biomass (aboveground)** | | --- | --- | --- | | **Stratum** | **…** | **… tCO2** | | **Stratum** | **…** | **… tCO2** | | **Stratum** | **…** | **… tCO2** | | **Stratum** | **…** | **… tCO2** | | **Total** |  | **… tCO2** | |  | **Eligible planting area** | **… ha**  **… ha** | |  | **Leakage** | **… tCO2/ha**  **… tCO2/ha** | |  | |

**Copy this table for each different strata.**

**Formula of calculation for category a. b. and c.**

Leakage aboveground woody biomass [tCO2] = % of displacement [%] \* CO2-stock [tCO2/ha] \* Area [ha]

**Selected carbon pools**

Aboveground woody biomass = Stem volume \* Biomass Expansion Factor \* Wood density \* Carbon fraction \* C to CO2 factor

**Leakage tree biomass (aboveground)**

| **Stratum ID** | **… e.g. Farmer Baruko** | | | |
| --- | --- | --- | --- | --- |
| **CO2-stock tree biomass (aboveground)**  **In the unit: [m3/ha] or [tdm/ha]** | **Value:** | | **…  m3/ha  tdm/ha** | |
| **Default value:** | | **Project-specific  Regional  National  International  Gold Standard** | |
| **Reference:** | | **…** | |
| **Justification of value:** | **… How does this value provide the most accurate information for your project?** | | | |
| **BEF** | **Value:** | | **…** | |
| **Default value:** | | **Project-specific  Regional  National  International  Gold Standard** | |
| **Reference:** | | **…** | |
| **Justification of value:** | **…** | | | |
| **Wood density** | **Value:** | | **…** | |
| **Default value:** | | **Project-specific  Regional  National  International  Gold Standard** | |
| **Reference:** | | **…** | |
| **Justification of value:** | **…** | | | |
| **CO2-stock tree biomass (aboveground) [tCO2/ha]** | **… tCO2/ha** | | | |
| **% of displacement** | **Value:** | | | **… %** | |
| **Reference:** | | | **…** | |
| **Justification of value:** | **…** | | | | |
| **Area (of this stratum)** | **Area:** | | | **… ha** | |
| **Reference:** | | | **…** | |
| **Justification of area:** | **…** | | | | |
| **Leakage tree biomass (aboveground) [tCO2]** | | **… tCO2** | | | |

**Copy this table for different strata.**

**Formula of calculation for category d.**

Leakage aboveground woody biomass [tCO2] = CO2-stock [tCO2/ha] \* Displaced heads [head] \* Capacity [ha/head]

**Selected carbon pools**

Aboveground woody biomass = Stem volume \* Biomass Expansion Factor \* Wood density \* Carbon fraction \* C to CO2 factor

**Leakage tree biomass (aboveground)**

| **Stratum ID** | **…** | | |
| --- | --- | --- | --- |
| **CO2-stock tree biomass (aboveground)**  **In the unit: [m3/ha] or [tdm/ha]** | **Value:** | **…  m3/ha  tdm/ha** | |
| **Default value:** | **Project-specific  Regional  National  International  Gold Standard** | |
| **Reference:** | **…** | |
| **Justification of value:** | **…** | | |
| **BEF** | **Value:** | **…** | |
| **Default value:** | **Project-specific  Regional  National  International  Gold Standard** | |
| **Reference:** | **…** | |
| **Justification of value:** | **…** | | |
| **Wood density** | **Value:** | **…** | |
| **Default value:** | **Project-specific  Regional  National  International  Gold Standard** | |
| **Reference:** | **…** | |
| **Justification of value:** | **…** | | |
| **CO2-stock tree biomass (aboveground) [tCO2/ha]** | **… tCO2/ha** | | |
| **Displaced heads** | **Value:** | | **… heads** |
| **Reference:** | | **…** |
| **Justification of value:** | **…** | | |
| **Capacity** | **Value:** | | **… ha/head** |
| **Reference:** | | **…** |
| **Justification of value:** | **…** | | |
| **Leakage tree biomass (aboveground) [tCO2]** | **… tCO2** | | |