

Agenda item 4.1 (c)

Paragraph 22 of the annotated agenda,
Annex 9 to the 74th MP meeting report

New methodological tool “TOOLXX: Calculation of the fraction of non-renewable biomass”

CDM EB 97

Bonn, Germany, 30 October to 3 November 2017



Procedural background

- EB90 agreed:
 - a) Default country-specific fNRB values **expire in 5 years from date of approval**;
 - b) SB procedures apply for update of fNRB values;
 - c) Tasked the panel to develop a **revised method for calculating fNRB values**.
- EB96 considered a draft new tool for fNRB and requested **further work** addressing following issues:
 - a) **Modify** the calculation of the mean **annual increment** of biomass to be **applicable to all land areas** from where biomass is sourced for cooking, not only to the land producing renewable biomass;
 - b) Modify the calculations as necessary, e.g. amend equation 6 of the tool, or include a new equation to reflect the above.



Content of the revised fNRB tool

- Applicable to
 - a) **By DNAs** to submit region/country-specific default fNRB values, following the SB procedure; or
 - b) **By PPs** to calculate project or PoA-specific fNRB values
 - c) DNAs and PPs shall provide **justifications** on the selected area
- Default: **30%**
 - This is proposed taking into account several recent studies, for example, 27-34% estimated by Bailis et al. (2015) and 41-43% estimated by Cashman et al. (2016).



Content of the revised fNRB tool

- Procedure to estimate **consumption for woody biomass** (H and $B_{old,total}$)
 - a) Official statistics or reports or peer-reviewed literature;
 - b) Based on the number of households and other consumers of woody biomass
- Procedure to estimate **quantity of renewable biomass** (RB)
 - a) Estimates of the Mean Annual Increment of biomass (MAI) of the **forest areas** ~~that is considered as renewable~~; and (**modified**)
 - b) Estimates of the MAI of **other wooded land areas** ~~that is considered as renewable~~. (**modified**)
- DNAs or PPs may consider the extent of **non-accessible area** (e.g. protected area where extraction of wood is prohibited, geographically remote area) within forest areas.



- The tool will reduce transaction costs and facilitate the implementation of CDM project activities and CPAs that displace the use of non-renewable biomass (e.g. cook stoves) which have significant relevance for underrepresented regions of the CDM.



Recommendations to the Board

- The MP recommends that the Board approve this draft methodological tool, to be made effective at the time of the Board's approval.

