



Developing the Standardized Baseline for Improved Institutional Cook Stoves in Uganda

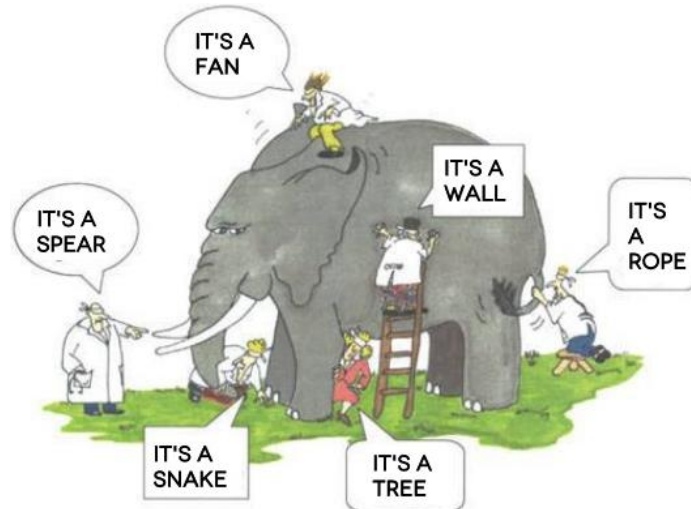
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What is a standardized baseline?

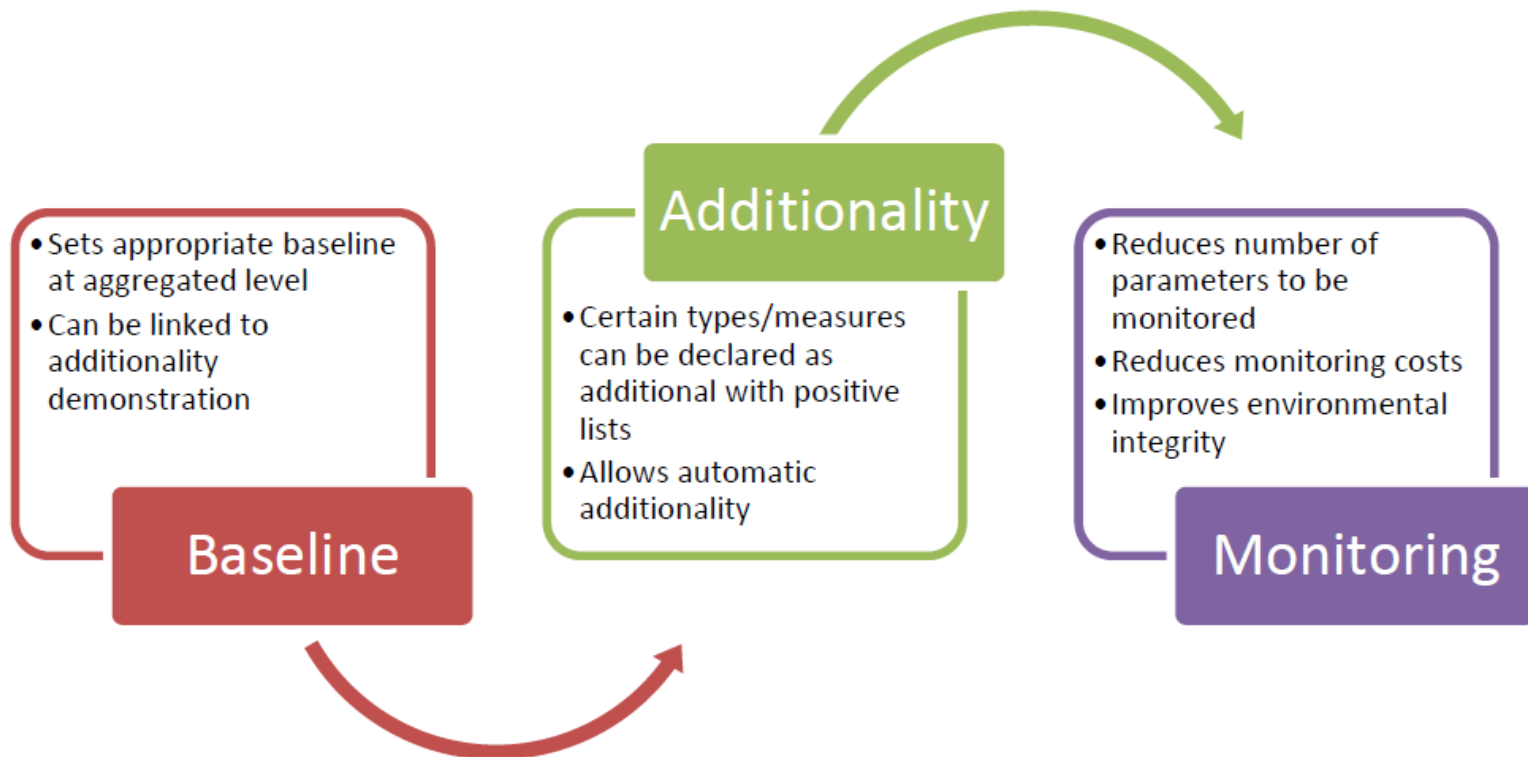
*“a **baseline** established for a Party or a group of Parties to facilitate the calculation of emission reduction and removals and/or determination of **additionality** for clean development mechanism project activities, while providing assistance for assuring environmental integrity”*

(Decision 3/CMP6/Para44)



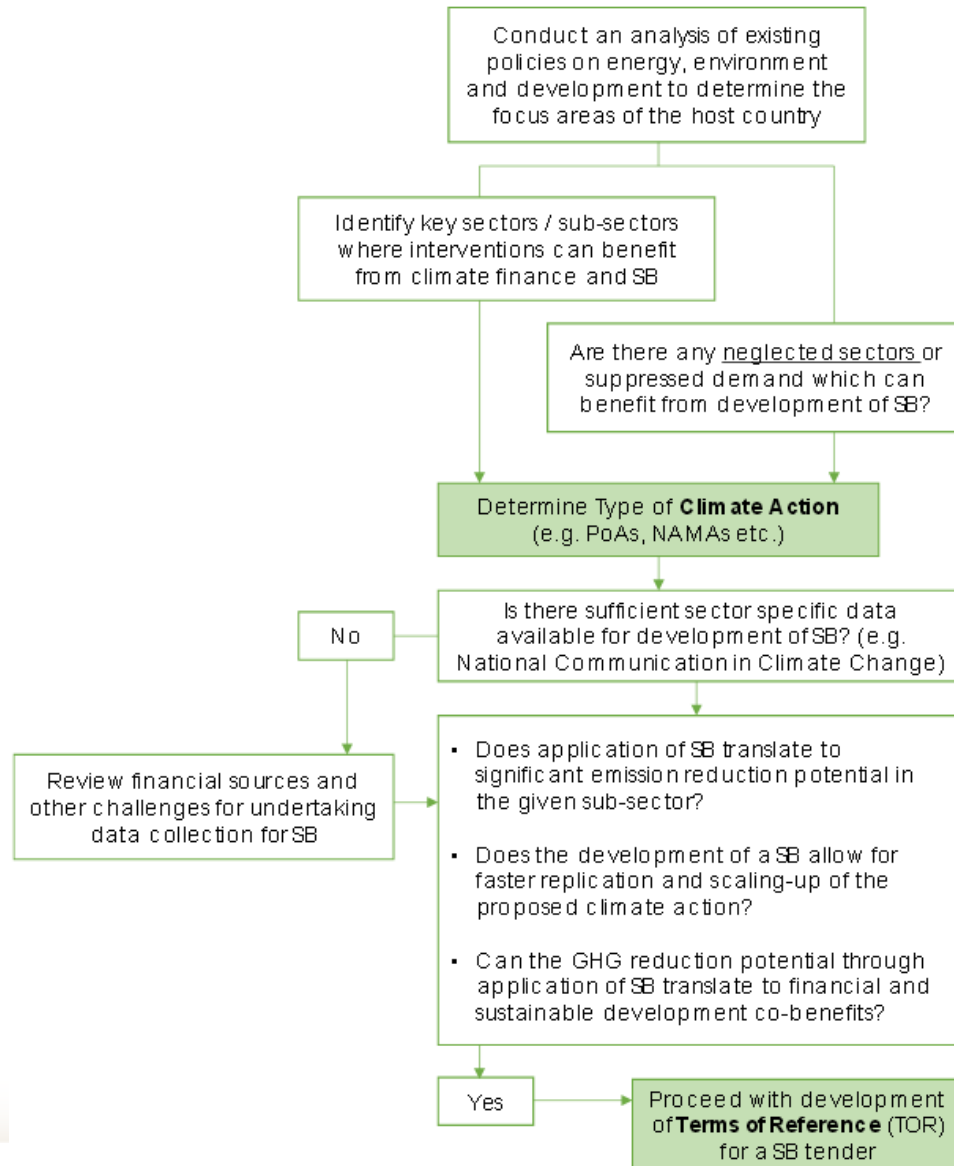


Why standardize?





Sector Identification:



Improved Institutional Cook stoves in Uganda

- Energy mix **90%** Biomass
- 0.589** Tons/year/person
- 25993** school by 2009
- 2545** Health Units by 2009
- 239** Prisons by 2009
- Less than **2000** IICS installed by 2010



Four Steps in Developing SB

- **Step 1- Level of Aggregation**

Host country: Uganda

Sector: Institutional & Commercial Kitchens

Output: Institutional & Commercial cooking

Measure: Energy Efficiency (AMS II G) & Fuel Switch (AMS I E)



- **Step 2- Establishment of Additionality**

-Used “Guidelines on the demonstration of additionality of small-scale project activities”

-Automatic additionality: single unit each not more than **5%** of the small scale CDM threshold



Four Steps in Developing SB

- **Step 3- Identification of Baseline**

- Use the baseline description as per the measure/methodology

- e.g. For thermal applications of non-renewable biomass: Demonstrate non-renewable biomass usage since DEC 31 1989

- **Step 4- Baseline Emission Factor**

- Was based on:

- per capital consumption of wood fuel

- Thermal efficiency of baseline stove





Lessons learned

SB Development

- **Intense stakeholder consultation** is very beneficial in sector identification and development of SB
- **Data quality control** improves reliability of SB
- ToRs for SB development should allow for un paid engagement of the consultant past the submission of the SB.

SB Usage

- **Creation of awareness** about the existence of SB is key in increasing its usage.
- **Involvement of private sector** in the development of SB is likely to increase its usage.



References:

- Standardized Baseline for Institutional Cook Stoves in Uganda
https://cdm.unfccc.int/methodologies/standard_base/2015/sb4.html
- “Procedure for development, revision, clarification and update of standardized baselines”
<https://cdm.unfccc.int/Reference/Procedures/index.html#meth>

Thanks for your attention!