

Removal of Barriers for Installing Low Carbon Technology in Cambodia's Rice Mill Sector

Adoption of low carbon technology in Cambodia's rice mill sector through the Clean Development Mechanism (CDM) was facilitated by IGES research in cooperation with the Ministry of Environment of Cambodia to develop a standardised baseline to smooth project approvals which was adopted by the CDM Executive Board.

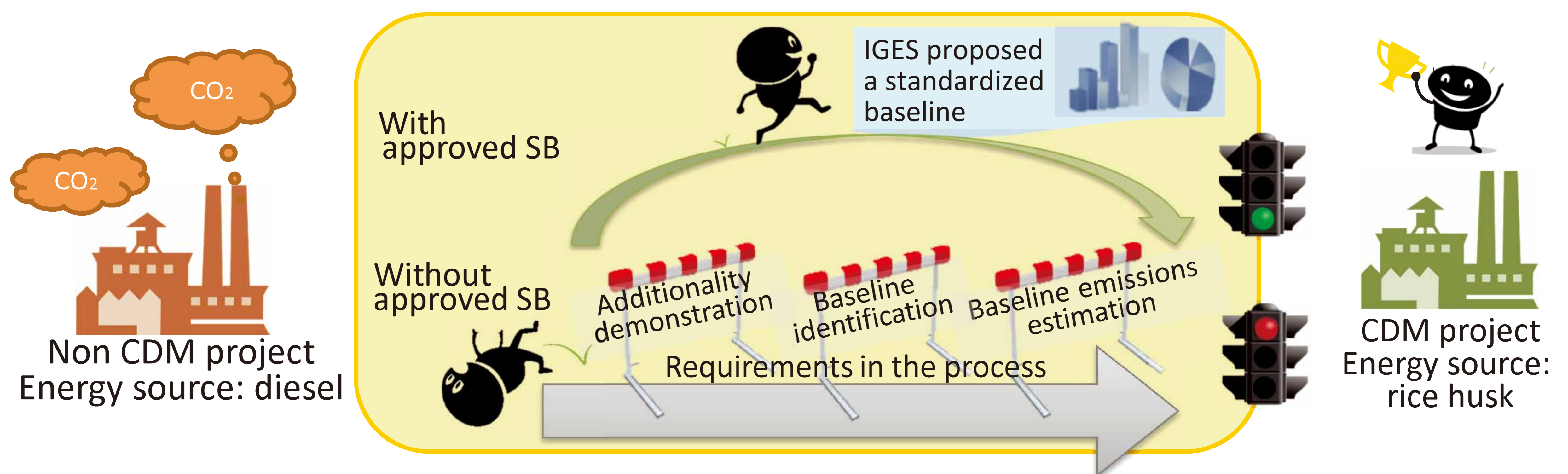
Issue

- The Clean Development Mechanism (CDM) supports greenhouse gas (GHG) emission reduction projects which also contribute to development.
- Developing countries face many technical and procedural challenges to get projects approved, especially estimation of their GHG emission reductions.
- Cambodia has few CDM projects due to a lack of experts, information and data.
- Sector specific standardised baselines (SB) make it much easier to prepare documentation for project approval, reducing transaction costs and facilitating access to the CDM by under represented areas.

Role of IGES

- IGES conducted research to propose a standardised baseline by identifying the baseline scenario and default value of baseline emission factor. This simplified the GHG emission reduction calculation.
- IGES collaborated with the Ministry of Environment of Cambodia (MOEC) and other government and private sector stakeholders, and obtained data at the project sites.
- The CDM executive board adopted a standardised baseline for Cambodia's rice mill sector in 2013 based on the proposal of IGES and MOEC.

CDM approval process was streamlined with an approved standardised baseline



Impacts

- It made it easier to develop CDM projects to install low carbon technology in Cambodia's rice mill sector, thereby reducing greenhouse gas emissions.
- It saves time and money for project developers by reducing the necessary technical research required to validate CDM projects. It helps raise awareness for similar CDM projects
- Through this project, the Cambodian government's capacity to assist other sectors with a similar strategy has increased.
- It serves as a demonstration case showing how to develop similar standardized baselines in other cases and is utilised as a training material.
- It provides implications for how to improve the effectiveness of the CDM guidelines