

Mitigating Climate Change: Malaysian CDM Projects

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Malaysia being a party to the United Nations Framework Convention on Climate Change acknowledges that the global nature of climate change calls for the wisest possible cooperation of all countries. As a developing country we share the common but differentiated responsibilities within our own social and economic capabilities and conditions in developing a number of projects according to the rules and modalities under the Clean Development Mechanism, Kyoto Protocol.

To date (6 March 2007) there are 12 Malaysian registered projects with the Executive Board. All the projects are related to renewable energy supply and waste management. Out of these 11 are related to the utilization of palm biomass resource to generate renewable energy to power and operate its own palm related industries or supply to other nearby energy demanding industries. These renewable energies are in the form of steam and /or electricity thus displacing the use of fossil fuel. One of the projects involved a major integrated palm oil complex consisting of a refinery, kernel crushing plant, bulker and shipping jetty besides supplying electricity to a nearby small township. Another large scale CDM project at a cement factory involves a direct displacement of coal with palm kernel shell for heat generation.

The Malaysian palm oil industry is capable of generating more CDM projects as there are many opportunities to diversify into utilization of other palm biomass such as biogas. A number of such projects under methane avoidance have recently obtained country approval. As more methodologies are approved by the Executive Board, Malaysia is foreseen to develop more projects to mitigate climate. Two energy efficiency improvements projects have also been submitted for registration to the Executive Board.

To date, a total of 386,960 CO_{2e} CERs have been issued to two Malaysian projects indicating that Malaysia is committed to developing projects in mitigating climate change.

Besides providing the technical details of all the updated CDM projects, the presentation shall also illustrate how these projects have fulfilled the international and national criteria required in CDM projects in ensuring the sustainable development of the Malaysian palm oil industry.