



Role of Clean Development Mechanism (CDM) in Transfer of Environmentally Sound Technologies (ESTs) and Attaining Sustainable Development Goals

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ABSTRACT

Clean Development Mechanism (CDM), established under UNFCCC regime is a climate change mitigation tool through which the developed countries (Annex 1 countries) can fulfill their carbon emission reduction obligation by purchasing carbon Emission Reduction (CER) units from the CDM-projects located in developing countries (Non-Annex 1 countries) – including the least developed countries (LDCs). CDM is the only mechanism whereby the non-annex 1 countries can involve themselves in external mitigation activities under UNFCCC regime. In addition to fulfilling the emission reduction obligation of the industrialized countries, the basic goals of CDM include promoting sustainable development and transfer of environmentally sound technologies (ESTs) to non-annex 1 countries.

This paper is aimed to show the existing role of CDM projects in transferring ESTs and attaining sustainable development in non-annex 1 countries, especially in the LDCs. The paper will analyze examples of transfer to Bangladesh - one of the most climate change-vulnerable LDCs. The environmental risks and adversities caused by changing climate patterns demand large-scale of transfer of ESTs to Bangladesh to ensure a sustainable future for the society.

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