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Promoting Energy-Efficient Appliances

Project Title

Market Transformation through Consumer Awareness Programmes for Energy Efficiency Standards and Labelling

Budget

Total: USD31 million
 Global Environment Facility: USD5.5 million;
 Government of India: USD3 million; and
 Others: USD23 million

Duration

2009 - 2013

Partners

Bureau of Energy Efficiency, Ministry of Power, Government of India; Government of India; State departments of power; Public-private sector organisations; and Non-Government Organisations

Project Location

All over India

Challenges

India's energy demand (domestic and commercial use) is set to increase manifold. More energy consumption would lead to further greenhouse gas (GHG) emissions given that most of our power plants are coal-based.

Efficient use of energy is the need of the hour. The introduction of various policy and regulatory measures such as the Electricity Act and the Energy Conservation Act focus on the need for efficient use of energy.

With intensive power distribution network being created for providing electricity to all villages and households within a span of five years, the demand for household electrical appliances will increase. Thus, there is substantial scope for saving energy by making electrical appliances energy-efficient.

Furthermore, given that India is a major manufacturing base, there is a need to promote energy-efficient products and technologies for use in manufacturing units as well.

Response

The Global Environment Facility and the United Nations Development Programme (UNDP) will work with the government and other stakeholders to target both the producers and users of electric appliances.

Under this project, the aim is to enhance the energy efficiency of electrical appliances through standardisation and labelling termed EESL. The project seeks to enhance the capacity of companies to implement EESL programmes for refrigerators and air-conditioners as first set of electrical appliances to be covered.

The goal is to progressively expand these programmes to all domestic electrical appliances, end-use equipments, vehicles and energy consuming systems. The project also foresees an advocacy campaign for consumer awareness and energy efficiency.

Impact

The project aims to raise consumer awareness on energy efficiency and transform the market to enable production of energy-efficient goods and systems. The project will start by the end of 2009.



For more information, please write to info.in@undp.org

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