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Vietnam Clean Energy Program: Energy Efficiency Promotion in the Building Sector



Energy Efficiency Awardee in 2012

GVN Counterpart
Ministry of Construction

Duration
2014 – 2017

Prime Implementer:
Winrock International

USAID Vietnam

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In recent decades, Vietnam has experienced robust economic growth from industrialization and urbanization, which has resulted in increased greenhouse gas (GHG) emissions. The USAID Vietnam Clean Energy Program - Energy Efficiency Promotion in the Building Sector supports the Government of Vietnam's (GVN) Green Growth Strategy and related action plan, which fit the U.S. Government's framework for strengthening lower emission development strategies. The project partners with the Ministry of Construction (MOC) to reduce electricity consumption in the country through improved energy efficiency in the building sector by implementing the Vietnam Energy Efficiency Building Code (VEEBC) and promoting a green building program.

To mitigate the GHG emissions that impact climate change, the project will work with the GVN's MOC and its Departments of Construction (DOCs) in Hanoi, Ho Chi Minh, Danang, Hai Phong, Can Tho and in Thanh Hoa and Nghe An provinces where urbanization is rapidly increasing. The project has three objectives:

Enhance Capabilities for Establishing Energy Data

The project improves the capacity of GVN counterparts at MOC, DOCs and energy efficiency centers under MOC to acquire, manage, analyze, and use energy data for decision making. The activity establishes a database of buildings including offices, hospitals, hotels, schools, multi-family residences, retail and commercial buildings in the coverage cities representing different climatic zones. The MOC will use the database to simulate and measure energy performance of buildings that use different energy efficient strategies, design, equipment, and materials.

Promote the VEEBC and Green Building Technologies

The project develops and disseminates data on existing, high performance, and state of the art energy efficiency practices, technologies, equipment and materials; introduces energy demand management practices; and informs and trains government officials, building owners, and members of professional associations, and university staff members and students on VEEBC implementation and compliance for new and existing buildings. The project identifies market incentives, promotes public private partnerships, collaborates with other donors, and assists in accessing financing for energy efficient and green buildings.

Increase Capacity to Implement the VEEBC and to Formulate a Green Growth Action Plan

The project improves the capacity of the GVN to implement, monitor and supervise the VEEBC. It supports the formulation and promotion of MOC's Green Growth Action Plan to increase energy efficiency in the building sector and to support an environmentally- friendly lifestyle of the people.