



The Program in Brief

Title: Wastewater and Solid Waste Management in Provincial Centers

Client: German Federal Ministry of Economic Cooperation and Development (BMZ)

Country: Vietnam

Lead executing agency: Ministry of Construction (MoC)

Overall term: February 2005 to January 2013



WASTEWATER AND SOLID WASTE MANAGEMENT IN PROVINCIAL CENTERS

Contact and Further Information

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CAPACITY DEVELOPMENT IN WASTEWATER MANAGEMENT (Technical Cooperation Component 2)

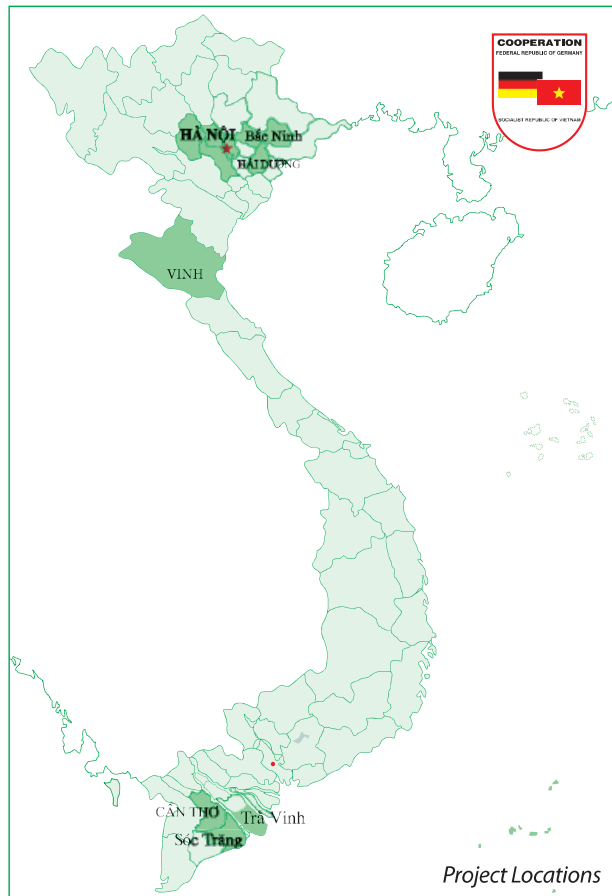
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Background

Vietnam has experienced a high urbanization rate over the past years. The existing urban infrastructure, however, is insufficient to provide for environmentally appropriate wastewater and solid waste disposal. Wastewater collection and treatment facilities hardly exist or are in rather poor conditions. Solid waste disposal rarely meets international environmental standards. The consequences are severe environmental pollution and threats to public health within the cities as well as downstream rural areas. In order to improve this situation, the German Federal Ministry of Economic Cooperation and Development (BMZ) commissioned the agencies GTZ, KfW, DED and InWEnt to jointly implement the program "Wastewater and Solid Waste Management in Provincial Centers" in currently six provincial cities in Vietnam. The expansion of the program to further cities is envisaged.

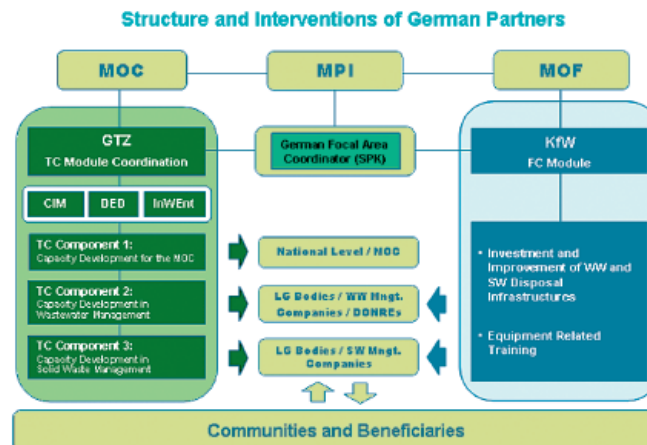


Funds for the enhancement of the sector infrastructure are provided through a financial cooperation (FC) module of the program. A technical cooperation (TC) module aims to ensure the sustainability of the investments by means of community participation and intense capacity development at national and provincial level.



Activities and Results

Component 2 of the TC module is managed by GFA Consulting Group. It aims at the implementation of national legislature on wastewater management in currently six partner provinces. Capacity development for public wastewater companies and local authorities in the field of wastewater management are the component's core service. This serves the objective to improve public service delivery and ensure a sustainable operation and maintenance of wastewater assets by creating favorable institutional framework conditions as well as enhancing the efficiency and quality of managerial functions. Important elements in this context are the introduction and application of wastewater tariffs as well as the exemplary introduction of



decentralized wastewater technologies. Major activities of Component 2 include:

- The participatory elaboration and implementation of Corporate Development Plans (CDP) for the six participating wastewater companies. The companies' management and staff as well as related local authorities (People's Committees) acknowledge and endorse the CDPs as official strategic planning documents.
- The calculation and application of wastewater tariffs covering all costs for operation and maintenance of wastewater assets as well as depreciation of mechanical and electrical equipment. A first tariff proposal will be submitted to local authorities for approval by the end of 2010.
- The establishment of Customer Care Units (CCU) in all six wastewater companies. Based on the results of community surveys conducted by the CCUs, detailed activity plans for 2009 and 2010 could be agreed on. These plans serve the objective to improve customer relations and enhance environmental and health awareness among the population.
- Pilot plants for decentralized wastewater treatment are set up in order to demonstrate best practices and facilitate low-cost wastewater treatment in the outskirts of the cities that will not be served by centralized wastewater systems.
- Capacities of provincial Departments of Natural Resources and Environment (DONRE) are strengthened with the focus on wastewater effluent and surface water monitoring.

