India: Karnataka Urban Development and Coastal Environmental Management Project

Project Name: Karnataka Urban Development and Coastal Environmental Management Project

Project Number: 30303-013

Country: India

Project Status: Closed

Project Type / Modality of Assistance: Loan

Source of Funding / Amount: Loan 1704-IND: Karnataka Urban Development and Coastal Environmental Management Project

Ordinary capital resources

US$ 175.00 million

Strategic Agendas:
- Environmentally sustainable growth
- Inclusive economic growth

Drivers of Change:
- Sector / Subsector: Water and other urban infrastructure and services
- No gender elements

Description:
The objective of the Project is to optimize social and economic development in the urban areas of west Karnataka by supporting investments in urban infrastructure and services required to meet basic human needs and facilitating policy reforms to strengthen urban management. The Project will be undertaken in six parts: Part A will provide support for capacity building of local government administrations and community participation with particular emphasis on the formation of sustainable community-based organizations to participate in the design and implementation of poverty reduction subprojects; Part B will include water supply rehabilitation and expansion; Part C will improve urban environment quality, including wastewater management, storm water drainage, solid waste management, traffic management, and municipal services and facilities, such as public markets and slaughterhouses; Part D will improve transportation by upgrading streets and bridges in urban areas; Part E will focus on coastal environment management through the preparation of a coastal resource management and conservation plan, development of a cleaner production and environment monitoring program, promotion of coastal erosion protection through mangrove reforestation, and preparation of a Mangalore urban waterfront rehabilitation plan; and Part F will provide implementation assistance.

Project Rationale and Linkage to Country/Regional Strategy:
Urban growth in the coastal districts has far exceeded the capacity of existing infrastructure and services with resultant negative impacts on human welfare, economic growth, and the natural environment. In addition, the inadequate environmental management measures have contributed to significant degradation of the region's valuable natural resources. The state identified ten urban centers as priority areas for investment in basic urban infrastructure, essential municipal services, and institutional strengthening. Each of these towns prepared subproject proposals that were initially reviewed by the state and the Bank in terms of likely eligibility for Bank financing and to assure that basic human needs are met along with other social and public health objectives.

Project Outcome:
The project fell within the Indian and State five year plans, in place in 1997 when the loan was first being formulated. It was listed in ADB's 3 year rolling country plans in 1997-1999. This was the second loan to Karnataka, following Loan 1415-IND: Karnataka Urban Infrastructure Development Project approved in 1996. The project was developed in close coordination with KUIDFC and the 10 participating towns.

Impact:

Geographical Location:

Safeguard Categories:
- Environment: B
- Involuntary Resettlement
- Indigenous Peoples

Summary of Environmental and Social Aspects:
- Environmental Aspects
- Involuntary Resettlement
- Indigenous Peoples

Stakeholder Communication, Participation, and Consultation
During Project Design

During Project Implementation

Business Opportunities

Consulting Services  Project Management - A total of about 442 person months (134 person-months international and 308 person-months domestic) of consulting services will be required in the fields of project management, civil engineering, community development, law, urban planning, procurement, financial analysis, and computerization/MIS/GIS. Detailed Design and Supervision - A total of about 2,171 person-months of domestic consultants (1,180 person-months for Package 1 and 991 person months for Package 2) will be required with specialization in water supply and sanitation, roads, solid waste management, drainage, municipal facilities, and slum area upgrading.

Procurement  Equipment and selected materials will be acquired using international competitive bidding and international shopping procedures as appropriate. Civil works contracts that are relatively small in value will be carried out using local competitive bidding procedures.

Responsible ADB Officer  Saugata Dasgupta

Responsible ADB Department  South Asia Department

Responsible ADB Division  India Resident Mission

Executing Agencies  Karnataka Urban Infrastructure Development and Finance Corporation Limited
Mr. Arvind Srivastava
KUIDFC, Bangalore, India

Timetable

<table>
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<tr>
<th>Event</th>
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<tbody>
<tr>
<td>Concept Clearance</td>
<td>08 Mar 1999</td>
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<tr>
<td>Fact Finding</td>
<td>30 Nov 1998 to 16 Dec 1998</td>
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<td>MRM</td>
<td>08 Feb 1999</td>
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<tr>
<td>Approval</td>
<td>26 Oct 1999</td>
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<td>Last Review Mission</td>
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<td>PDS Creation Date</td>
<td>29 Jan 2007</td>
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<td>Last PDS Update</td>
<td>20 Apr 2010</td>
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Loan 1704-IND

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Milestones

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<th>Original</th>
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Financing Plan

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<th>Date</th>
<th>ADB</th>
<th>Others</th>
<th>Cofinancing</th>
<th>Project Cost</th>
<th>Total (Amount in US$ million)</th>
<th>Cumulative Contract Awards</th>
<th>Net Percentage</th>
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<tr>
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