

Adaptation of Climate Change into the National and Local Development Planning

Context

In recent years Bangladesh has achieved substantial economic growth, with an average growth rate of 6.5 per cent per annum. However, should climate change forecasts prove correct, this positive development could be reversed in the medium term. If global warming continues, the sea level in the Bay of Bengal is predicted to rise between 30 to 45 cm by 2050. This would result in the loss of more than one tenth of the land surface, and prompt (mainly internal migration) of 10-30 million people.

Holistic strategies are required at national and local levels to address these challenges and to encourage the effective allocation of limited investment capital to sectors and regions most at risk. The limited number of existing local climate adaptation measures need to become more systematic. Moreover, their impact and sustainability could be improved if local authorities were more closely involved. Currently, investments in public infrastructure often do not systematically take climate resilience into account.

Objective

The Bangladesh Planning Commission has integrated climate resilience issues into national and local development planning by using improved instruments, methods and knowledge products. This has strengthened the climate-resilient planning of investment projects in Bangladesh.

Approach

The Adaptation of Climate Change into the National and Local Development Planning (ACCNLDP) project supports the Bangladesh Planning Commission in its efforts to increase the number of investment projects that are planned in a

climate-resilient manner and that spatial and development planning at national and local levels are strongly interlinked. The overarching aim is to increase the capacity of particularly vulnerable population groups, infrastructure and economic sectors to adapt to the risks of climate change. To achieve this, the project provides support in four main areas:

1. Assistance for selected local government institutions in adapting to climate change when planning and expanding infrastructure.
2. Improving the horizontal and vertical coordination of spatial and development planning in Bangladesh, in response to climate change, while at the same time assisting the General Economics Division of the Bangladesh Planning Commission, as well as the local government institutions to integrate a suitable approach into their various planning instruments and documents.
3. Improving knowledge exchange and dialogue regarding the central issues of climate change, and providing human capacity development measures for the Bangladesh Planning Commission.

| | |
|-----------------------|---|
| Project name | Adaptation of Climate Change into the National and Local Development Planning (ACCNLDP) |
| Commissioned by | German Federal Ministry for Economic Cooperation and Development (BMZ) |
| Project region | National Level, Dhaka and Pilot Areas Barishal City Corporation plus Satkhira and Sirajganj Pourashavas and Upazila |
| Line ministry | Ministry of Planning |
| Lead executing agency | General Economics Division and Physical Infrastructure Division of the Bangladesh Planning Commission |
| Duration | 2016-2019 |



A group of senior and mid-level officials of Bangladesh government responsible for mid- and long-term planning of the country visited Ho Chi Minh City to exchange experience on climate resilient planning

Guntram Glasbrenner
guntram.glasbrenner@giz.de



Intensive and interactive group work during capacity building sessions (top photos)

A group of senior and mid-level officials of Bangladesh government responsible for mid- and long-term planning of the country visited the Stockholm Royal Seaport, a designated area with an environmental profile and a model of sustainable urban development (bottom photo)

4. Working with the Physical Infrastructure Division of the Bangladesh Planning Commission to develop a method of assessing the impacts of the climate on investment projects, and to integrate this into improved monitoring and evaluation procedures.

The project also supports the Bangladesh Planning Commission and the respective sector ministries in jointly developing sector plans for 'Environment and Climate Change' and for 'Housing and Community Amenities'.

Outcomes

This project is part of the priority area 'Adaptation to Climate Change in Urban Areas (Regional Concentration)'. It complements and interacts with other projects and programmes in this area.

Up to date, ACCNLDP is supporting the development processes of two new sectoral planning instruments of the Bangladesh Planning Commission, the so called Sector Action Plans. Furthermore, the project selected five local authorities for activities in regard to the integration of national and local development planning. The selection comprises of one major city with 500,000 inhabitants, two medium sized cities and two districts. ACCNLDP is supporting the

integration with studies, knowledge sharing sessions and workshops with participants from the national and local level and will develop a model process to show how integration can be put into practice.

In order to implement a comprehensive planning information system for a more effective and data-based appraisal of infrastructure development projects through the Bangladesh Planning Commission, the ACCNLDP project provides digital solutions. Additionally, the project is supporting the development of a climate check tool together with the Bangladesh Planning Commission, which is based on the nation-wide Climate Vulnerability Assessment (CVA), to appraise the climate resilience of infrastructure investment projects.

ACCNLDP is designing and implementing capacity building measures for the planning officials from different government entities and representatives from selected local government institutes to point out the climate relevance of their respective activities. Moreover, ACCNLDP is strengthening the internal and external knowledge exchange of the Bangladesh Planning Commission on climate change with government entities, academia and civil society.

Published by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Registered offices
Bonn and Eschborn, Germany

Adaptation of Climate Change into the National and Local Development Planning
GIZ Bangladesh
PO Box 6091, Gulshan 1
Dhaka 1212, Bangladesh
T +880 2 5506 8744-52, +880 9 666 701 000
F +880 2 5506 8753
E giz-bangladesh@giz.de
I www.giz.de/bangladesh

Photo credits GIZ BD
Text Mathias Stumpf

GIZ is responsible for the content of this publication.

On behalf of German Federal Ministry for Economic Cooperation and Development (BMZ)

In cooperation with General Economics Division and Physical Infrastructure Division of Bangladesh Planning Commission, Ministry of Planning

As at May 2018

Printed by PATHWAY, Bangladesh

Design PATHWAY, Bangladesh