

2. Project Goal, Objectives and Outcomes

2.1 Project Goal

The overall goal of CDMP-II is to further reduce country's vulnerability to adverse natural and anthropogenic events – including cyclones, hurricanes, floods, tidal surges, earthquakes, tsunamis, climate change and variability, avian flu, fire, toxic chemical/gas/pollutant leaks – through technical assistance in risk reduction and comprehensive disaster management activities. The approach is to channel support through government and development partners, civil society and NGOs into a people-oriented disaster management and risk reduction partnership. That partnership will promote cooperation, provide coordination, rank priority programmes and projects, and allocate resources to disaster management activities, risk reduction activities and climate change adaptation activities in Bangladesh.

CDMP II offers an outstanding opportunity to improve linkages with, and synergies between, disaster risk reduction and adaptation to climate change. This applies both at the national and at the general stakeholder level. The linkages are clearly expressed in many of the activities outlined in the operational outcomes of the project design, as well as through strengthened institutional capacities. Under this opportunity, a Memorandum of Understanding (MoU) delineated the area of collaboration between CDMP-II and Urban Development Directorate (UDD). The area of collaboration is to prepare an integrated development plan covering structure plan, urban/rural area plan and action area plans, and subsequent training module through the integration of disaster risk information with the Physical/Structural/Land use plan of the township area.

2.2 Project Objectives:

The objective of this MoU is to enhance the technical capacity of the relevant professionals for acquiring knowledge on the appropriate disaster risk reduction measures technique particularly earthquake to incorporate them into comprehensive land use development planning and management. The specific objectives of this MoU are:

- I) A Pilot Project on Preparing a Module for Mainstreaming Disaster Risk Reduction Measures into Comprehensive Land Use Development Planning and Management for Mymensingh (Municipality) Strategic Development Planning Area.
- II) Equipments support to develop a permanent “Geographic Information System (GIS) Laboratory”, under “Urban Research and Development Application Centre (URDAC)” in UDD office.
- III) Advocacy support to institutionalize the Urban Research and Development Application Centre (URDAC) through appropriate institutional approach (reforming organizational structure of UDD).

2.3 Outcomes of the Project:

The project planning area will cover Mymensingh (Municipality) Strategic Development Area which might have potential for development within the next 20 years up to year, 2031 A.D. The project is planned to be completed in three stages/tiers. In the **first stage**, there will be preparation of *Structure Plan* for Mymensingh municipality and surrounding grater hinterland area. The **second stage** will be preparation of *Urban Area Plan* incorporating necessary data of urban (municipality) area and also preparation of *Rural Area Plan* for said hinterland area for assessing problems or opportunities, which need immediate intervention. The **third stage** will be preparation of *Action Area Plan/Detailed Area Plan* using relevant data from detailed CDMP physical feature survey in the form of sectoral projects and programs for immediate intervention based on local need. The current project would also emphasize over the change in land category, land use and livelihood pattern.

CDMP II is designed around the following six interrelated outcomes which will be correlated with proposed planning package (3-stages) described below:

Outcome of CDMP	Correlation with planning package
<p>Outcome 1: Development of strong, well-managed and professional institutions in Bangladesh that is able <u>to implement a comprehensive range of risk reduction programmes and interventions</u> at the national level, as well as contributing to regional actions, international learning and best practice.</p>	<p>It will be identified at the structure planning stage through appropriate institutional intervention.</p>
<p>Outcome 2: <u>Reduced risk to rural populations</u> through structural and non-structural interventions, empowerment of rural communities and improved awareness of, and planning for, natural hazard events, including the likely impacts of climate change.</p>	<p>It will be incorporated within structure planning stage.</p>
<p>Outcome 3: <u>Reduced risk to urban populations</u> through structural and non-structural interventions, improved awareness of natural hazard events and the piloting of urban community risk reduction methodologies targeting the extreme poor.</p>	<p>It will be incorporated within Urban Area Plan under structure planning guideline through appropriate action plan.</p>
<p>Outcome 4: <u>Improved overall effectiveness and timeliness of disaster preparedness and response</u> in Bangladesh by strengthening management capacity and coordination as well as networking facilities at all levels.</p>	<p>It will be incorporated within Structure Plan and Urban Area Plan and Disaster Management Plan</p>
<p>Outcome 5: <u>Better disaster-proofing of development funding across thirteen ministries</u>. This will achieved by generating increased awareness of hazard risks and the provision of technical information, advisory services and resources to stimulate positive changes in planning and investment decisions over the long-term.</p>	<p>It will be incorporated at the each three stage of planning package.</p>
<p>Outcome 6: <u>Community-level adaptation to disaster risks</u> from a changing climate is effectively managed.</p>	<p>Action Area Plan/Urban Area Plan/Structure Plan and Disaster Management Plan</p>

In order to accomplish the assignments the following sub-activities will be carried out by CDMP and the recommendation will be spatially transformed by UDD at different planning stages. The Key sub-activities are the following:

1. Support for the development of a GIS/RS Laboratory for UDD under Urban Research and Development Application Centre (URDAC) by CDMP.

2. Disaster Vulnerability assessment and development of Planning Guidelines and Technical capacity building for UDD personnel through hands-on-training by CDMP. Proposed GIS training at UDD office:

A1. Introductory /Basic Training on GIS

A2. Intermediate Training on GIS

A3. Advanced Training on GIS

3. Various Types of Surveys to be Conducted for Preparation of Planning Package for Mymensingh Municipality and adjacent area by consultants / consulting firm engaged by CDMP:

(A) Individual Consultants

(B) Activities to be Conducted by Survey/Consulting Firm

3.B-1 Image procurement and processing:

3.B-2 Physical Feature and Topographic Survey:

4. Seismic and other hazard, vulnerability and risk assessment by CDMP

5. Planning Package (3-stages) prepared by UDD with the help of CDMP

5-A. Structure Plan

5-B. Urban Area Plan and Rural Area Plan

5-C. Action Area Plan/Plans

5-D. For better understanding of targeted planning area, five PRA sessions will be conducted.

6. Workshops conducted by UDD with the help of CDMP

6-A. General Workshop (02 nos.)

8-A. Planning Workshop (03 nos.)

8-B. Working paper Workshop (07 nos.)

7. Disaster Management Plan for Mymensingh Strategic Development Planning (MSDP) area prepared by UDD with the help of CDMP.

8. Finalization and printing of Plan Books and organization of a National Seminar.

Figure 2.1: Mymensingh Strategic Development Planning Area.

