



Detailed Scope of Work for Priority Implementation Partnership on Mainstreaming Disaster Risk Reduction into Housing Sector in Sri Lanka (Phase II)

Ministry of Housing & Common Amenities
Ministry of Local Government & Provincial Councils
Ministry of Public Administration & Home Affairs
Ministry of Nation Building & Estate Infrastructure Development
Ministry of Irrigation & Water Management
National Housing Development Authority (NHDA)
Urban Development Authority (UDA)
Sri Lanka Land Reclamation & Development Corporation (SLLRDC)
National Physical planning Development (NPPD)
Coast Conservation Department (CCD)
National Building Research Organisation (NBRO)
Ranaviru Seva Authority (RVSA)

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Ministry of Disaster Management & Human Rights

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Based on the findings of the Phase I of the PIP, the Phase II of the PIP would undertake activities which would contribute to the following objectives:

- Implementation of recommendations of Phase I of the PIP in an ongoing/planned Housing program of Government of Sri Lanka
- Implementation of recommendations of Phase I of the PIP in housing approval procedures in specific local area
- Increased awareness among agencies (TWG members) responsible for approving housing programs/schemes on integration of DRR
- Increased dialogue of the TWG with external agencies such as multilateral and bilateral development partners involved in housing sector in regard to integration of DRR in housing projects being externally funded

It is proposed that the PIP be led by Disaster Management Center (DMC) under the guidance of Ministry of Disaster Management and Human Rights and implemented by forming a technical working group set up with representatives from various concerned agencies.

Detailed Activities

Following activities are proposed for initiating mainstreaming of DRR in the said sector during the Phase II of the PIP-SL:

Activity 01: (Pipeline Project) Mainstreaming DRR into Selected Housing Projects by National Housing Development Authority (NHDA);

- Icelabewatta Estate, Bandarawela AGA Division, Badulla District
- Doloswatta Estate, Nivithigala AGA Division, Rathnapura District

Housing is a basic need of a people and it should be done consciously in order to provide safe inhabitable environment. At present, in some situations housing constructions are not following the appropriate construction methods and approval process. Therefore, this activity would aim to provide assistance on site selection, hazard identification potential risk in the site, hazard resilient designs if the site is in risk areas etc. Not following the proper methods could create an unsafe environment to its inhabitants. Therefore, this activity could provide shelter with safe environment. National Building research Organisation (NBRO) will provide the assistance on site selection.

Activity 02: Integration of DRR into Housing Policy of Sri Lanka by Ministry of Housing & Common amenities

Suggestions for the draft National Housing Policy provided during the phase I of the projects.

Activity 03: Inclusion of DRR into Local Development Plan of Kanthale in Trincomalee District, Sri Lanka by Urban Development Authority (UDA);

This activity would aim to review the existing Urban Development planning process to incorporate the DRR into development plan of Kanthale Local Authority area. The existing development planning process of UDA are not adequately looking at the hazards in particular UDA declared area. Therefore, this activity would help to develop a guiding principle for the future development plans. Additionally, UDA would provide necessary legal provisions for implementation of building guidelines review & revised by the Technical Advisory Committee of DMC.

Activity 04: Inclusion of DRR into housing construction approval process by Ministry of Local Government & Provincial Councils

Some of the recommendations of the study conducted by NBRO on the process of the construction of rural houses; stakeholder's involved, technical agencies, regulations are, Each LA in UDA declared and non-declared areas should develop the Land Use Zoning Plan for the given LA with the assistance and advice of the UDA and NPPD respectively; Natural contours to ensure natural drainage path and non disturbance of existing canals, water ways and culvert inlets and outlets (to avoid local floods which are due to haphazard land sub division; each LA could develop their own standard planning approval mechanism for planning clearance; establishment of a Planning Committee with mandatory members and non mandatory members. This same committee will have the authority for the building / development approvals.

At present Ministry of Local Government prepared a draft national policy for Local government and open for public comments. Additionally, local government legislations also open for public comments. It is expected the momentum created by the ongoing revision process would help to advocate for integrating disaster risk reduction in future policies and local government legal system.

Activity 05: Develop a checklist to be used in housing development programs for none declared areas by National Physical Planning Department (NPPD)

NPPD formulates national physical policies, plans and strategies to ensure the implementation of such policies through regional and local development plans. The primary mission of the NPPD is to promote and regulate integrated planning of social, physical and environmental aspects of land and territorial waters of Sri Lanka.

National Physical Planning Policy and Plan was approved by the National Physical Planning council on 03rd March 2007. The main objectives of the National Physical Planning Policy and Plan are to achieve economic development through the use of available resources of the country including agriculture, realizing a higher living standard for the people and the establishment of an independent economic status internationally. And this policy and plan hereafter will guidance to the development activities of the country. Therefore, this activity would aim to develop *a checklist to be used in housing construction planning approval process for non UDA declared areas*. Additionally, draft legal framework at Provincial level and necessary by-laws at LA levels to establish housing planning and approval procedures.

Activity 06: Inclusion of DRR into CZMP in relation to Housing development and Permit procedures by Coast Conservation Department (CCD)

The Phase II of the PIP-SL, CCD would undertake following activities which could contribute to the above activity:

1. Identify opportunities to review & revised the CCD permit procedures & application procedures to incorporate DRR
2. Prepare a check list to identify the minimum requirements to be adhered to when applying and approving the housing construction in coastal areas (Please refer appendix 3).
3. Revisions of CCD permit application forms
 - Ensure the development activity fall in which kind of hazard zone by technical specialist.
 - Certification of building codes and other construction criteria by the Chartered Engineer.

- Finally approval will be granted after proper evaluation by CCD Engineer and other officers.
4. Revise CZMP to incorporate DRR and Climatic Change, Incorporating sea level rise in Coastal Zone Management. (Draft only a necessary chapter or part of a chapter to introduce DRR into CZMP when revising).
 5. Draft legal framework for housing planning & approval process applicable to CCD
 6. Prepare/amend/annexed the available handouts to incorporate the outcome of the above activities.
 7. *Aware Planners and General Public. (This activity will be taken into consideration after completion of all above activities as it is linked to all above activities. Therefore this would not be taken into account at the phase II).*

Activity 07: Conduct National Workshop at end of the project period to seek feedback on the final outputs of the Phase II of the PIP

It is expected that the above mentioned activities (Activity 1 to 5) would be carried out by each lead agency with the assistance Technical Working Group members. DMC would facilitate the process by working in close partnership with lead agency. A national workshop is proposed at the end period of the PIP, and would highlight the outcome of the each activity completed by lead agency and identify the next steps.

Other Activities Recommended:

Activity 08: Finalisation of Building Guidelines

This activity would link with activity 4 of UDA. At present the building guidelines for specific hazards are in review process by the Technical Advisory committee of DMC.

Activity 09: Training & awareness for craftsman and Technical officers at local levels

This activity proposed by the Ministry of Nation Building & Estate Infrastructure Development. At present Ministry is involved in construction of houses at the north eastern province in Sri Lanka. Aim of the activity is to provide the training and awareness on hazard specific guidelines and the Local level approval procedures.

Activity 10: Develop a training module on Mainstreaming DRR into Housing Development projects.

This activity would aim to train the stakeholders involves in housing development project planning, constructions, and approval process. Additionally, identify a suitable training institute or a training division from the agencies involves in housing sector.

PIP -SL (Phase II) would be implemented during the period of August 2009 - June 2010