Annex 1
DRMMP – Matrix of Possible Actions – Kathmandu Valley
Discussion Draft – 2 February 2006

Note: It is not intended that all of these actions will be undertaken under the 3cd program partnerships and agreements. These 7 possible areas of focus and 20 specific actions are identified to facilitate discussions and priority setting during the Preparatory Phase (2006) of the 3cd program.

Action	Objective/Aim	Outline	Implementing Agency	Projected Timeframe/ Comment
1. Strengthen risk management system (legal and institutional arrangements)				
1.1 DRMMP action planning through participatory planning processes	To develop a focused strategic document to guide DRM implementation	Develop a strategy for risk reduction through a Disaster Risk Management Master Plan (DRMMP) to include response and recovery, preparedness and awareness, mitigation and prevention, and institutional building.	3cd program team, KMC and NSET-Nepal	The DRMMP framework and 3cd program working agenda is conceived as the main deliverable of the 3cd Program Preparatory Phase (2006)
	To develop the 3cd program working agenda for post-2006	Develop the specific 3cd program working agenda for post-2006 . Includes the identification of funding resources and a process for implementation of actions in the 3cd program agenda.		
2. Develop and implement new DRM framework for KMC				
2.1 Create a task group to recommend a reorganization proposal for KMC	To create more viable DRM organizations at city and ward level	Develop and achieve consensus on a proposal which will affix DRM responsibilities, allocate budgetary resources, and strengthen inter-departmental	KMC with assistance from 3cd program team and NSET-Nepal	Initiate in 2006

		coordination for DRM implementation		
2.2 Develop a work plan or action agenda for the DRM entity and inter-departmental mechanism	To assist KMC to institutionalize DRM arrangements within the city organizational structure		KMC with assistance from 3cd program team and NSET-Nepal	Initiate in 2006
2.3 Conduct a review of the legal basis for current and potential DRR policies and programs			KMC with assistance from 3cd program team and NSET-Nepal	2006-2007
2.4 Conduct a training needs assessment of KMC officials and staff	To identify needs and approaches for delivery of appropriate training		To be determined	To be considered as 2007+ activity
2.5 Develop guidelines for the disaster management committees (DMCs) at the ward level	To provide consistent guidance to DMCs for community-based preparedness		KMC and NSET-Nepal; other partners as appropriate	Possibly outside the scope of 3cd-KMC-NSET work plan
3. Develop city emergency response plan and guidance for planning, testing and exercising the plans				
3.1 Develop city emergency response plan and guidance for planning, testing and exercising the plans	To enhance safety and preparedness for response and relief	Collaborate on developing a city-level emergency response plan and guidance for emergency response and evacuation planning at the	KMC with assistance from 3cd program team and NSET-Nepal	To be considered as 2007+ activity

		ward level. Specific steps to be elaborated.		

4. Community preparedness and livelihood enhancement				
4.1 Strengthen ward-level preparedness through emergency response and evacuation planning	To improve community response and recovery capability	Develop guidance or guidelines for working at the ward level in awareness raising, town watching, networking with community-based and neighborhood groups, and preparation of simple emergency response and evacuation plans. Specific steps to be elaborated.	KMC and NSET-Nepal; other partners as appropriate	Possibly outside the scope of 3cd-KMC-NSET work plan

5. Develop mechanism and capability for building code implementation and enforcement and construction quality control				
5.1 Review implementation and enforcement mechanisms operating in other cities	To facilitate implementation of the building code, including guidelines and process development for implementation of concrete mechanisms for code compliance.		NSET-Nepal, KMC, 3cd program team	Initiate during 2006, if possible
5.2 Evaluate social, political, and economic context in Kathmandu, capabilities and constraints			NSET-Nepal, KMC, 3cd program team	Initiate during 2006, if possible
5.3 Conduct a workshop to seek stakeholder input			NSET-Nepal, KMC, 3cd program team	2006 or 2007

5.4 Develop guidance and outline a simple, feasible process and implementation strategy			NSET-Nepal, KMC, 3cd program team, other partners as appropriate	In connection with 5.3
5.5 Assess training and education needs for proper implementation			NSET-Nepal, KMC, 3cd program team, other partners as appropriate	To be considered as 2007+ activity
5.6 Develop, deliver, and evaluate training programs			NSET-Nepal, KMC, 3cd program team, other partners as appropriate	To be considered as 2007+ activity
5.7 Publicize the code and enforcement mechanism			KMC, NSET-Nepal, other partners as appropriate	As appropriate
5.8 Evaluate and make adjustments as indicated to enforcement program			KMC, with assistance of NSET-Nepal	As appropriate
6. Land use planning and control and incorporating risk reduction in development plans				
6.1 Conduct training needs assessment of urban planners and develop capacity building programs	To capacitate officials and staff involved in land use and urban development for disaster risk reduction in order to protect lives and properties.	(1) Identify all organizations and institutions involved in land use and urban development (2) Conduct training needs assessment (3) Develop a disaster risk	KMC, with assistance of 3cd program team, MOLD, KVTDC?	To be considered as 2007+ activity

		management training and exercising plan (4) Design specific training courses, exercises, and an implementation strategy including identifying resources, trainers, and specific audiences.		
6.2 Identify mechanisms for mainstreaming DRM into key city functions including land use planning, urban planning, urban development	To ensure that earthquake and other disaster risk is taken into account in future land use, urban planning, and urban development, and to institutionalize the integration of disaster mitigation in urban land use and development plans.	Specific steps to be elaborated.	KMC, with assistance of 3cd program team, MOLD, KVTDC?	To be considered as 2007+ activity

7. Knowledge and technology (risk assessment, warning systems, research and education)

7.1 Develop Map Viewer for KMC	To assist KMC with risk communications options and enhancements in the use of appropriate technology; To sustain awareness of the need for proactive disaster preparedness and mitigation strategies; To ensure access to critical information	Address the gap between the understanding experts have of risk and the factors that contribute to build that risk in Kathmandu vis à vis how these concepts are understood and seen by different stakeholders in the city, particularly those at the decision making level. Program partner Pacific Disaster Center (PDC)'s Map Viewer is seen as a potentially useful tool for KMC for sharing existing risk information,	3cd program team, NSET-Nepal, and KMC	Initiate in 2006

		converting it into more understandable, meaningful formats, and improving risk communication dissemination.		
		Also consider the use of KMC's FM radio station and television to disseminate basic concepts of risk reduction.		
		Specific steps to be elaborated.		
7.2 Train 1 KMC technical staff on GIS	Knowledge and technology transfer	Conduct GIS training of 1 technical staff in coordination with other 3cd activities	3cd program team and KMC	Initiate in 2006