

FIVE YEAR PLAN LOGICAL FRAMEWORK: WATER DISASTER MANAGEMENT AND MITIGATION

Version 30 July 2005

(Draft Prepared based on Second National Strategy and Action Plan for
Disaster Mitigation and Management in Viet Nam – 2001 to 2020 by Marshall L. Silver)

Overall MARD Objective: Achieve high sustainable and equitable growth, improve social environment and living conditions for rural people, especially the poor, protect and sustain natural resources and environment through effective and dynamic sector management emphasizing decentralization and inclusion of stakeholders in decision-making, regulation, service delivery and monitoring

Objectives	Interventions	Implementation responsibility (Lead/supporting institution and/or program)	Indicators
Goal 1. <i>Ensure high economic growth of rural production sectors and the rural economy, with benefits widely shared by the whole rural population, including the poor and other disadvantaged groups</i>			
1.1. Rural income and production increased through improved productivity, competitiveness and product quantity	Approve and implement the Second National Strategy and Action Plan for Disaster Mitigation and Management in Viet Nam – 2001 to 2020	Government of Viet Nam (GOV) Central Committee for Flood and Storm Control (CCFSC) Department of Dyke Management, Flood and Storm Control (DDMFSC) Ministry Committees for Flood and Storm Control	Second Strategy and Action Plan adopted by government CCFSC active in promoting action plan
	Non-structural water disaster risk reduction projects prepared, approved and prioritized based on Goal No. 1	All Ministries and Agencies at National and Provincial level Central Committee for Flood and Storm Control (CCFSC)	Prioritized executive summaries of non-structural water disaster risk reduction projects prepared and widely circulated
	Structural water disaster risk reduction projects prepared, approved and prioritized based on Goal No. 1	All Ministries and Agencies at National and Provincial level Central Committee for Flood and Storm Control (CCFSC) Department of Dyke Management, Flood and Storm Control (DDMFSC)	Prioritized executive summaries of structural water disaster risk reduction projects prepared and widely circulated

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1.2. Competitiveness and international integration strengthened	Implement the Natural Disaster Mitigation Partnership for all of Viet Nam	Central Committee for Flood and Storm Control (CCFSC) Department of Dyke Management, Flood and Storm Control (DDMFSC) Disaster Mitigation Center (DMC)	MOA for NDM-P expanded to north and south of Viet Nam and signed by Government, donors and NGO's
	Present highest priority non-structural water disaster risk reduction projects that are eligible for technical assistance funding to international donors	Central Committee for Flood and Storm Control (CCFSC) Department of Dyke Management, Flood and Storm Control (DDMFSC) Natural Disaster Mitigation – Partnership	Non-structural water disaster risk reduction programs adopted, financed and implemented by foreign donors
	Present highest priority non-structural water disaster risk reduction projects that are eligible for concessional loan financing to international donors	Central Committee for Flood and Storm Control (CCFSC) Department of Dyke Management, Flood and Storm Control (DDMFSC)	Structural water disaster risk reduction programs adopted, financed, and implemented by foreign donors
	International partnerships for water disaster risk reduction joined with active participation	Central Committee for Flood and Storm Control (CCFSC) Department of Dyke Management, Flood and Storm Control (DDMFSC) Disaster Management Center (DMC)	Number of international water risk reduction partnerships increased; and leadership roles assumed by Viet Nam experts
	Best international practices for water disaster risk reduction appropriate for Viet Nam adopted	Central Committee for Flood and Storm Control (CCFSC) Department of Dyke Management, Flood and Storm Control (DDMFSC)	Best international practices, appropriate for Viet Nam adopted and incorporated in legal framework of disaster management

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	Mekong River Commission Flood Management and Mitigation Program incorporated in all water disaster risk reduction programs in the Mekong River Delta	Central Committee for Flood and Storm Control (CCFSC) Department of Dyke Management, Flood and Storm Control (DDMFSC) Provincial Departments of Flood and Storm Control in Mekong River Delta	MRC program included in all water disaster risk reduction projects undertaken in the Mekong River Delta

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Goal 2. <i>Improve quality of life and living conditions for rural people through economic and social empowerment, especially for poor and disadvantaged groups</i>			
2.1. Percentage of poor and hungry households reduced	UN Millennium development goals incorporated into all non-structural and structural water disaster risk reduction programs	All Government Ministries and Agencies Central Committee for Flood and Storm Control (CCFSC) Department of Dyke Management, Flood and Storm Control (DDMFSC)	Description of how proposed project will enhance achievement of UN Millennium Development Goals incorporated into all project proposals and justifications

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2.2. Vulnerability reduced	Community based disaster risk management used in developing water disaster risk reduction programs	Central Committee for Flood and Storm Control (CCFSC) Disaster Management Center (DMC) Provincial Departments of Flood and Storm Control (PDFSC)	Strategic collaborative action plan for institutionalizing community based disaster risk management adopted and implemented by the CCFSC and MARD
	Water disaster warning systems implemented in flash flood and landslide prone river basins	Department of Dyke Management, Flood and Storm Control (DDMFSC) Viet Nam Hydro-meteorological Service (VHMS)	Water disaster advance warning systems (flash flood) installed, tested, and in operation

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2.3. Equity and involvement of all rural stakeholders enhanced	National Water Disaster Risk Insurance Program	Ministry of Finance (MOF) Ministry of Agriculture and Rural Development (MARD) Disaster Management Center (DMC) Natural Disaster Mitigation Partnership (NDM-P)	Water disaster risk insurance product developed; bought by the at-risk population and subsidized for the poor

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Goal 3. Ensure environmental sustainability			
3.1. Biodiversity and environmentally critical areas and resources are effectively conserved	Traditional flood retardation portions of river basins protected against encroachment	Department of Dyke Management, Flood and Storm Control (DDMFSC)	Legislation passed setting out areas that will be used as natural flood retention basins
	Natural wetlands protected for use as traditional flood retardation basins	Department of Dyke Management, Flood and Storm Control (DDMFSC) Ministry of Science, Technology and Environment (MOSTE)	Legislation passed setting out natural wetlands to be provided for use as flood retention areas
	Preparation for global and regional climate change and sea level raise	Department of Dyke Management, Flood and Storm Control (DDMFSC) Viet Nam Hydro-meteorological Service (VHMS)	Regional climate change and sea level raise considered in all long range water disaster risk reduction strategies and building codes
	Preparation for El Nino and La Nina effects on floods, storms and drought	Viet Nam Hydro-meteorological Service (VHMS)	El Nino and La Nina episodes forecast and at risk populations vulnerable to floods and drought warned at appropriate intervals

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3.2. Participatory systems for sustainable natural resources management institutionalized	Community based disaster risk management used in developing water disaster risk reduction programs	Central Committee for Flood and Storm Control (CCFSC) Disaster Management Center (DMC) Provincial Departments of Flood and Storm Control (PDFSC)	Strategic collaborative action plan for institutionalizing community based disaster risk management adopted and implemented by the CCFSC and MARD

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3.3. Environmental management by rural service providers and environmental sustainability of rural infrastructure enhanced	New building code developed incorporating concepts of sustainable rural infrastructure	Ministry of Construction (MOC) Department of Dyke Management, Flood and Storm Control (DDMFSC)	New building code written with section on building environmentally sound rural infrastructure

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Goal 4. Ensure effective and dynamic sector management			
4.1. Efficiency and performance enhanced	Disaster Management Center to become independent Non-ministerial Agency for Disaster Risk Reduction	Government of Viet Nam (GOV) Ministry of Agriculture and Rural Development Department of Dyke Management, Flood and Storm Control (DDMFSC) Disaster Management Center (DMC)	New legislation prepared, introduced and passed increasing the role of the DMC to include all disasters
	Lateral cooperation improved between Ministry Committees for Flood and Storm Control	Government of Viet Nam (GOV) All Ministries	Inter-ministerial Committees for Disaster Risk Reduction formed and coordination established

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4.2. Involvement of private sector, stakeholders and users in decision-making, management and financing enhanced	Natural Disaster Mitigation Partnership institutional framework extended to other relevant ministries, agencies and enterprises	Central Committee for Flood and Storm Control (DDMFSC) Disaster Management Center (DMC)	MOA of NDM-Partnership enhanced through legislation
	Government Ministries given permission to establish more private enterprises equipped with capabilities for water disaster risk reduction	Government of Viet Nam (GOV) Department of Dyke Management, Flood and Storm Control (DDMFSC)	Legislation for private enterprises established and widely circulated giving qualification of enterprises to undertake water disaster risk reduction design, analysis and construction