



### 3rd Annual Flood Forum, 7-8 April 2005

#### Session 6—New Areas of Cooperation between the FMMP and the Member States and Partners

#### Working Group Component 2 - Structural Measures and Flood Proofing

I – Communications		
Issues	Possible Considerations	Group Conclusions
1. What new communications mechanisms might be effective with respect to this component?	<ul style="list-style-type: none"> <li>○ Should we hold special meetings to exchange information about FMMP components?</li> <li>○ Should we research communications mechanisms that are used in other river basins that could be useful in the Lower Mekong?</li> <li>○ Are there other ways?</li> </ul>	<ul style="list-style-type: none"> <li>○ Hold a kick-off workshop on this component – with pragmatic objectives of the output of the workshop               <ul style="list-style-type: none"> <li>▪ Include NGOs and donors who can fund more demonstration examples in all MRC Countries</li> </ul> </li> <li>○ Include more cooperation and coordination with Partners;</li> <li>○ Hold special meeting on this component at different levels               <ul style="list-style-type: none"> <li>▪ Bottom-up approach</li> </ul> </li> <li>○ Set-up a regional and national steering committees for this component</li> <li>○ Continue to stress impacts both up-stream and down-stream of any interventions of this component</li> </ul>

#### Working Group Component 2 Structural Measures and Flood Proofing

II – Planning		
Issues	Possible Considerations	Group Conclusions
1. Are there activities or omissions in the existing component that need to be reconsidered?	<ul style="list-style-type: none"> <li>○ What activities should be modified?</li> <li>○ Are there activities to be added?</li> </ul>	<ul style="list-style-type: none"> <li>○ Consider the use of new types of construction materials that can economically benefit this component               <ul style="list-style-type: none"> <li>▪ Example; geotextiles, earth reinforcement grids, strengthening road surfaces to withstand flood water effects, etc</li> </ul> </li> <li>○ What are the types of interventions and what priority should be given to each intervention (Households; communities; regions; governmental units)</li> <li>○ Development of cost-benefit analysis tools for the component (For local level and for regional level)</li> <li>○ Better clarify planning and funding of this component               <ul style="list-style-type: none"> <li>▪ Consider adding drought as part of this component</li> <li>▪ Is the level of commitment to this component adequate</li> <li>▪ What potential benefit does the US\$ 4 million budget lead on to</li> <li>▪ Who are the potential donors for this component, and how should they best be integrated into the work from the very beginning of the effort</li> <li>▪ Consider how a multi-purpose dam on the main stream of the Mekong River can impact this component</li> <li>▪ Planning should support the BDP strategy</li> </ul> </li> </ul>



**3rd Annual Flood Forum, 7-8 April 2005**

**Session 6—New Areas of Cooperation between the FMMP and the Member States and Partners**

**Measures and Flood Proofing**

<b>III – Implementation, Coordination, and New Areas of Cooperation</b>		
<b>Issues</b>	<b>Possible Considerations</b>	<b>Group Conclusions</b>
<p>1. How can MRC and partners better strengthened coordination of MRC FMM component programmes with partner programmes?</p>	<ul style="list-style-type: none"> <li>○ Can exchange of personnel between programmes improve coordination?</li> <li>○ Can the countries assist in the recruitment of a consulting company that will assist this component?</li> <li>○ Should there be more exchange of data and information?</li> <li>○ What other coordination approaches should we consider?</li> </ul>	<ul style="list-style-type: none"> <li>○ Study case history examples of interventions performed in member countries to date and planned for the immediate future               <ul style="list-style-type: none"> <li>▪ (Vietnam: Resettlement to elevated embankments both alongside roadways and in separate areas</li> <li>▪ Cambodia; traditional method of house construction</li> <li>▪ Building “polders” around villages</li> <li>▪ Construction of water storage ponds (drought and for use by farm animals</li> <li>▪ Flood proofing water supply points</li> <li>▪ Waste collection facilities</li> <li>▪ Use of new construction materials like geofabrics to keep people and their possessions dry</li> <li>▪ Protection from the high velocity of flood water flows</li> <li>▪ Lao: New methods of bank protection</li> </ul> </li> <li>○ Protection of young children               <ul style="list-style-type: none"> <li>▪ Vietnam; Emergency kindergarten program in the most flood proof building in the community; NGOs provide hot meals for the children</li> </ul> </li> </ul> <p>Improve communication and cooperation with upstream countries to be able to develop technologies and design levels of flood proofing Start to develop design criteria immediately based on case history examples</p>
<p>2. What new areas of cooperation with respect to this component should the FMM Programme and partners explore?</p>	<ul style="list-style-type: none"> <li>○ Should MRC-partner teams visit other countries that share river basins to:               <ul style="list-style-type: none"> <li>▪ Understand how and if they attempt to use similar structural and flood proofing standards?</li> <li>▪ Understand how they cooperate in general?</li> <li>▪ Benefit from lessons learned?</li> </ul> </li> <li>○ What other new areas of cooperation might be useful?</li> </ul>	<ul style="list-style-type: none"> <li>○ Adding drought to this component</li> <li>○ Implementation of a working group with consultants to develop and to implement an engineering and social study manual for this component – results need to consider different conditions in different countries and for the different ethnic requirements of the people even in the same country.</li> <li>○ Lessons learned from other regions of the world</li> <li>○ Better building codes and their implementation (European codes, USA codes</li> <li>○ Levels of sanitation and fresh water required for populations exposed to floods and drought</li> <li>○</li> </ul>

**Theme of Component 2 for the next Annual Flood Forum: Successful examples, lessons learned and future plans for the implementation of the FMMP in all four MRC countries**

**Working Group Component 2 Structural**