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Council Study

Formulation of Development Scenarios
Progress Updates
Flood Thematic Team

5th RTWG Meeting
Siem Reap, Cambodia
13-14 August 2015

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Overall Thematic Scope of the CS Flood Team



Stage 1 (July 2015 – October 2015) - Formulation of Development Scenarios

- Collect/assemble “flood protection works & floodplain infrastructure” associated with the RTWG-approved three main development scenarios’

Stage 2 (November 2015 – June 2016) – Scenario Assessment

- Assess the impact on flooding behavior, flood damage and flood risk of future developments in the other thematic areas for 2020 and 2040
- Assess the impact on flooding behavior, flood damage and flood damage risk of future developments for 2040 in the other thematic areas for two or three sub-scenarios (still to be selected but with the largest expected impact)

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Three Main Development Scenarios and Thematic Sub-Scenarios



- Early Development Scenario (2007)
- Definite Future Scenario (2020)
- Planned Future Scenario (2040)

Note: "Flood Protection & Floodplain Infrastructure" will select two or three sub-scenarios from other thematic areas to assess in Stage 2 flood behavior, flood damage and flood damage risk of future developments.

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Stage 1 Activities: Formulation of Development Scenarios



- Data collection by FMMP from MCs for 2020 and 2040
 - Formulation of development scenarios 2020 and 2040
 - After reviewing data FMMP will send these to IKMP for updating and running the models
 - Definition of 'impact assessment locations' (IALs)
 - Definition of 'flood characteristics'
 - Scoping study to collect flood damage data in 4 provinces in each MC
 - Definition of Methodology to assess future flood damages at selected provinces.
- Time period for Stage 1 is July – October 2015

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Stage 2 Activities: Assessment of Development Scenarios and Formulation and Analysis of Thematic Sub-Scenarios



- FMMP will review proposed 2040 basin developments from other thematic areas to assess whether *flood risk reduction measures* are needed.
- FMMP will assess and report on the impacts of the 2020 and 2040 scenarios on flood behaviour at the IALs.
- FMMP will finalize the number of selected provinces to be included in the analysis of changes to annual flood behavior, flood damage and flood damage risk.
- FMMP will assess and report on the impacts of the 2020 and 2040 scenarios on future flood damage risk in the selected provinces.
- FMMP will assess and report on the impacts of two or three sub-scenarios (still to be selected) for 2040 on future flood behavior, flood damage and flood damage risk for other thematic areas.

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Progress to date



- Draft Work Plan completed (details presented here)
- Data collection through sector review teams (Initial Study) in each MC
- Formal request for data for 2020 and 2040 to MCs
- Preparation flood damage data collection in combination with the Initial Studies

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Schedule



Task	Dates
Draft Work Plan for the Formulation of Development Scenarios	Completed
Progress Update – 5 th RTWG Meeting	13-14 August 2015
Data Collection Definition IALs & flood characteristics, scoping study, methodology damage/risk	July – August 2015 August 2015 September 2015
National Consultations (combined with all other Thematic Teams)	September – October 2015 (Tentative)
Draft Final Data for the Development Scenarios and Report (Data and Map Specification Document)	October – November 2015 (Tentative)
Approval of Scenarios and Data 6 th RTWG Meeting	October – November 2015 (Tentative)

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Thank You



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