# PPCR Phase 1 Proposal Royal Government of CAMBODIA

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### **Key Vulnerabilities**

- Increased severity and frequency of floods and droughts – negative impacts on agriculture, particularly on rice production;
- Increased variability of rainfall adverse impacts on surface and ground water availability including potable water supply, flood protection and irrigation
- Wide fluctuations in hydrological flow regimes in seasonality, timing and duration – adverse impacts on sensitive and economically productive wetland ecosystems such as Tonle Sap and fisheries productivity
- Damage to infrastructure, especially rural, from excessive rainfall and floods

### **Key System Constraints - I**

- Early warning systems for extreme climate events – non-existent
- Basic hydro-meteorological data for planning – insufficient
- Awareness of climate change and its mainstreaming in development planning and budgeting – very limited
- Linkages between climate change adaptation and disaster risk reduction programs – weak

### **Key System Constraints - II**

- Experience with programmatic approaches – almost nil
- Involvement of private sector in adaptation and disaster risk management – very limited
- Integration of gender considerations in climate change plans – limited
- Coordination mechanisms for climate change – need much improvement
- Technical and financial resources to cope with climate change – extremely limited

### **Key Areas for Intervention through PPCR**

- Integrating climate resilience into policies and plans at national and sub-national levels
- Piloting climate resilient rural infrastructure investments
- Addressing vulnerabilities in the agriculture sector
- Enhancing system efficiencies in the water sector
- Promoting eco-system and community-based adaptation investments
- Strengthening the provision of scientific information for climate risk management

# Phase 1 Components & Activities - I

### 1. National level mainstreaming of climate resilience in key ministries

- Mainstreaming of climate resilience into legislation and strategic planning documents
- Capacity strengthening on ways to integrate climate change concerns into budgetary systems, financial allocation decisions and reporting procedures
- Effective use of climate risk screening tools within the environmental assessment process for public and private sector projects

# Phase 1 Components & Activities - II

### 2. Sub-national mainstreaming of climate resilience

- Inclusion of adaptation considerations into investment windows of the national plan for sub-national development and democratization
- Testing of climate risk screening tools at sub-national level
- Assessment of financial flows and investment needs to address adaptation in selected highly vulnerable provinces

### Phase 1 Components & Activities - III

# 3. Strengthening civil society and private sector engagement and gender considerations

- Design of a CSO support platform and approaches for effective involvement of civil society
- Piloting 3 projects on integrating gender concerns in adaptation
- Demonstrations on private sector engagement in adaptation

### Phase 1 Components & Activities - IV

#### 4. Science-based adaptation planning

- Needs assessment and design of an upgraded agro-meteorological and hydrological monitoring stations
- Vulnerability and adaptation assessments in water, agriculture and rural infra sectors in 4 provinces (including economic analysis of adaptation options)
- Assessment of relevant climate resilience decision support tools

### Phase 1 Components & Activities - V

#### 5. Outreach and SPCR preparation

- Web-based platform for improved access to climate and relevant data and analysis
- SPCR preparation based on climate risk analyses, policy and institutional investments
  - Design of public and private investment programs in agriculture, water and rural infrastructure sectors
- Strategic environmental and social assessment to screen programs and projects on adaptation

### **Phase 1 Budget**

Consultants: 1,235,000

Equipment: 40,000

Workshops/seminars: 130,000

Incremental Operating Costs: 20,000

Contingencies: 75,000

Total Cost: 1,500,000

### **Timeline**

	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Component 1: National level mainstreaming of dimate risk in key ministries												
Outputs:  1 Mainstreaming of disaster risk reduction and climate resilience into legislation and strategic planning documents of key ministries and agencies												
2 Capacity-building of key ministries in mainstreaming dimate change concerns in budgetary systems, financial allocation decisions and reporting procedures												
3 Development and integration of climate screening tool within the environmental assessment process for public and private sector projects												
Component 2: Sub-national mainstreaming of climate risk Outputs:												
Inputs into 3-year Implementation Plan for NP-SNDD on inclusion of climate change adaptation considerations in relevant investment windows												
2 Development and testing of climate riskscreening tools and guidelines for climate proofing of NP-SNDD												
Financial flows and investment needs to address climate resilience in selected provinces												
Component 3. Strengthening civil society and private sector engagement and gender considerations in climate change adaptation												
Outputs:  1 Capacity-needs assessment and design of a CSO support platform and development of approaches for effective involvement of civil society in the PPCR												
<ol> <li>Development of approaches for integrating gender concerns in climate change adaptation (through 3 pilot projects)</li> </ol>												
3 Demonstration of opportunities for private sector engagement in climate change adaptation (e.g., crop insurance, irrigation, water concession models)												
Component 4: Science-based adaptation planning Outputs:												
1 Report on needs and capacity assessment and design of expanded and upgraded agro- meteorological and hydrological monitoring systems and mechanisms for dissemination												
2 Vulnerability and adaptation assessments in 4 provinces												
3 Identification of currently available climate resilience decision support tools of relevance to Cambodia												
Component 5: Outreach and preparation of Phase 2 of the PPCR (SPCR) Outputs:												
Web-based platform, policy briefs and learning events												
2 Design of public and private investment actions for SPCR in the 3 priority sectors												

### Thank You.