

Impacts of climate change on aquaculture and fisheries in the Mekong region and main adaptive activities



Funding and operational structure

Funds: SCCF and other donors

GEF Agency: FAO

Potential implementing agencies

- MARD, MONRE, OCCA, D-Fish, DARD, DONRE, Research Institutes and Universities, NGOs and IGOs

Potential cooperation with ongoing and future projects/programmes

- SNV, IFAD, NORAD, CARE, Oxfam, IUCN, WWF, NACA, SEAFDEC, GIZ, World Bank etc.

OBJECTIVE OF THE PROJECT

Strengthening adaptive capacity and resilience of rural communities in the Mekong Delta to critical risks posed by climate change to the sustainability of the aquaculture and fisheries sectors

Summary project components

- 1: Supporting national policies through communities' vulnerability assessment (including risk mapping of target pilot areas)
- 2: Developing adaptation measures within an ecosystem approach perspective (Plan)
- 3: Building/strengthening adaptive capacity (including testing implementation)
- 4: Project Monitoring and Evaluation (M&E)

- Some elements are cross-cutting to all project components: increasing equity, gender, mitigation considered along adaptation measure (CSA – Climate Smart Aquaculture)

Component 1

Supporting national fisheries and aquaculture policies and planning as well as inter-sectoral development and climate change programmes with key elements related to inland capture fisheries and aquaculture sectors

•Outcome 1.1

Provincial and national competent authorities aware of risks posed by a changing climate on the aquaculture and fisheries sectors and vulnerability of communities living in the Mekong Delta

Output 1: Vulnerability assessment

Output 2: Risk mapping

Output 3: Innovative climate proof adaptation measures

Component 1

•Outcome 1.2

Climate change adaptation for vulnerable communities relying on aquaculture and inland capture fisheries mainstreamed into national and provincial broader sectoral, food-security, disaster risk preparedness and reduction, integrated coastal zone management and climate change frameworks

Output 1: Individuation of Gaps and opportunities to mainstream climate change adaptations into national and provincial policies

Output 2: Develop cross-sectoral synergetic collaborations on vulnerability and adaptation requirements

Component 2

Piloting innovative adaptation measures for inland capture fisheries and aquaculture within an ecosystem approach perspective

•Outcome 2.1

Strengthened resilience to climate change threats in vulnerable inland fishing communities and aquaculture farmers identified as being at high risks

Output 1: Adaptive action research.

Output 2: Stakeholders and communities-based action plans

Output 3: Innovative micro-finance and micro-insurance schemes

Output 4: Farmers' advocacy strengthened and co-management arrangements fostered

Component 2

- **Outcome 2.2**

National and provincial authorities are well prepared and have the capabilities to integrate viable climate change adaptation (CCA) into inland capture fisheries and aquaculture practices and based on highly participatory and comprehensive consultative processes

Output 1: Fisheries and aquaculture managements plans and watershed management system developed or strengthened

Output 2: An integrated and early-warning monitoring system on extreme weather events developed or strengthened

Component 3

Building and strengthening capacity to understand and implement adaptation measures

Outcome 3.1

At least 60% of targeted communities, government authorities and other relevant stakeholders have moderate to high understanding and awareness of the problems caused to inland fisheries and aquaculture sectors by a changing climate, adaptation best practices and coping strategies

Output 1: Specific and user friendly communication material on the risks associated to climate change developed and disseminated

Component 3

Outcome 3.2

Strengthened capacity of national and provincial authorities to increase resilience to impacts from climate change by including adaptation measures

Output 1: Communities knowledge and climate risks understanding strengthened

Output 2: Officers, extension workers and other relevant stakeholders knowledge and climate risks understanding strengthened

Output3: Adaptation, best practices and lesson learned derived from pilot action and researches, synthesised and disseminated

Component 4

Project monitoring and evaluation (M&E)

Outcome 4.1

Implementation of the project driven by the continue assessment based on the SCCF/LDCF AMAT in order to achieve the project outputs, outcomes and objective

Output 1: Project M&E system developed

Output 2: Mid-term and final evaluation performed

Component 4

Outcome 4.2

Application in future planning and operations of project findings and lessons learned facilitated

Output 1: A database of project's lesson learned, best practices and strategies to face a changing climate developed

Output 2: A website containing the project main features, activities and reports developed and updated

...
...
...
...
...

Thank you!
Comments?

...
...
...

