



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

Naoko Ishii
CEO and Chairperson

March 20, 2018

Dear Council Member:

World Bank as the Implementing Agency for the project entitled: ***Vietnam: GEF-AF-Mekong Delta Integrated Climate Resilience and Sustainable Livelihoods Project***, has submitted the attached proposed project document for CEO endorsement prior to final approval of the project document in accordance with World Bank procedures.

The Secretariat has reviewed the project document. It is consistent with the proposal approved by Council in October 2016 and the proposed project remains consistent with the Instrument and GEF policies and procedures. The attached project document prepared by World Bank satisfactorily details how Council's comments and those of the STAP have been addressed. I am, therefore, endorsing the project document.

We have today posted the proposed project document on the GEF website at www.TheGEF.org. If you do not have access to the Web, you may request the local field office of UNDP or the World Bank to download the document for you. Alternatively, you may request a copy of the document from the Secretariat. If you make such a request, please confirm for us your current mailing address.

Sincerely,

Naoko Ishii
Chief Executive Officer and Chairperson

Attachment: Project Document
Copy to: Country Operational Focal Point, GEF Agencies, STAP, Trustee



GEF-6 WORLD BANK APPRAISAL STAGE: GEF DATA SHEET
REQUEST FOR CEO ENDORSEMENT
PROJECT TYPE: Full-sized Project
TYPE OF TRUST FUND: GEF Trust Fund

For more information about GEF, visit TheGEF.org

PROJECT INFORMATION

Project Title: GEF-AF-Mekong Delta Integrated Climate Resilience and Sustainable Livelihoods Project.			
Country(ies):	Vietnam	GEF Project ID: ¹	9265
GEF Agency(ies):	WB (select) (select)	GEF Agency Project ID:	P159976
Other Executing Partner(s):	Min of Agriculture and Rural Development	Submission Date:	2018-03-05
GEF Focal Area (s):	Multifocal Areas	Project Duration(Months)	60
Integrated Approach Pilot	IAP-Cities <input type="checkbox"/> IAP-Commodities <input type="checkbox"/> IAP-Food Security <input type="checkbox"/>		
Name of Parent Program	N/A	Agency Fee (\$):	578,629

A. FOCAL AREA STRATEGY FRAMEWORK AND OTHER PROGRAM STRATEGIES²

Focal Area Objectives/Programs	Focal Area Outcomes	Trust Fund	GEF Project Financing (\$)	Cofinancing (\$)
(select) CCM-2 Program 4 (select)	Promote conservation and enhancement of carbon stocks in forest, and other land use, and support climate smart agriculture	GEF TF	4,560,000	116,700,000
LD-1 Program 2 (select) (select)	SLM for Climate-smart Agriculture	GEF TF	231,415	70,000,000
LD-3 Program 4 (select) (select)	Scaling-up sustainable land management through the Landscape Approach	GEF TF	231,416	70,000,000
(select) (select) SFM-1	Maintained Forest Resources: Reduce the pressure on high conservation value forests by addressing the drivers of deforestation	GEF TF	534,000	65,000,000
(select) (select) SFM-2	Enhanced Forest Management: Maintain flows of forest ecosystem services and improve resilience to climate change through SFM	GEF TF	534,000	65,000,000
(select) (select) (select)		(select)		
(select) (select) (select)		(select)		
(select) (select) (select)		(select)		
Total project costs			6,090,831	386,700,000

B. PROJECT FRAMEWORK

¹ Project ID number will be assigned by GEFSEC.

² When completing Table A, refer to the excerpts on [GEF 6 Results Frameworks for GETF, LDCF and SCCF](#) and [CBIT Programming Directions](#).

Project Objective: The project development objective of this additional financing (AF) is the same as that of the parent project: to enhance tools for climate-smart planning and improve climate resilience of land and water management practices in selected provinces of the Mekong Delta in Vietnam. The GEF grant aims to help strengthen research capacity, and innovation to build climate resilience of key livelihoods, and reduce greenhouse gas emissions in Project provinces.

Project Component	Grant Type	Expected Outcomes	Expected Outputs	Trust Fund	GEF Project Financing (\$)	Confirmed Cofinancing (\$)
<p>Component 1: Enhancing Monitoring, Analytics and Information Systems</p> <p>1. Strengthening policy research capacity and evidence-based decision making (contributes to CCM, LD and SFM focal areas)</p>	TA	<p>1.1. Improved evidence base for decision making on climate smart and climate resilient Agriculture, Aquaculture, Water and Forestry (AAWF) practices</p> <p>1.2. Improved coordination and collaboration across govt. research agencies and universities --through a Delta Research Consortium Partnership (DRCP)</p> <p>1.3. Capacity building through preparing and delivering customized short courses on adaptive delta management - twinning between Mekong universities and international universities</p> <p>1.4. Improved national public awareness of livelihood transition models for adapting to climate change</p>	<p>1.1. Analytical work including market research including on export potential, value chains, branding and extension services for local products generated from a shift to climate smart/climate resilient livelihoods</p> <p>1.2. The research consortium helps to link major data providers and data generators through formal data sharing agreements and deliver joint research, that includes revenue generating potential</p> <p>1.3. Course materials on different delta management modules developed, through twinning arrangements, and delivered to practitioners throughout the delta provinces</p> <p>1.4. Communication/ media products to raise national public awareness of livelihood transition models for adapting to climate change</p>	GEF TF	1,540,831	61,300,000
Component 2: Managing floods in the Upper Delta	TA	2.1. Improved understanding of gaps in research and innovation related to	2.1. Report on current research and innovation relating to livelihoods in the	GEF TF	1,450,000	101,000,000

<p>2. Support for climate-smart and climate resilient innovations for increasing flood retention and expanding flood-based agriculture in the Upper Delta (mainly contributes to LD-1, links to CCM and LD-3 focal areas)</p>		<p>climate-resilient (flood-based) livelihoods and practices in the upper delta.</p> <p>2.2. Targeted research on AAWF practices relating to flood retention/ flood-based livelihood transitions tested, and assessed for their economic, social, environmental impacts</p> <p>2.3. Enhanced user-friendly and interactive knowledge products of climate-smart, climate-resilient AAWF practices in the upper delta</p>	<p>upper delta - that will inform the TOR for research grant package</p> <p>2.2. Research results from the grant-financed research relating to climate smart, climate-resilient AAWF practices in the upper delta</p> <p>2.3. Knowledge products (manuals, toolkits, technical guidelines) from lessons learned of grant-financed research in the upper delta</p>			
<p>Component 3: Adapting to Salinity Transitions in the Delta Estuary</p> <p>3. Support for climate-smart and climate-resilient innovations relating to salinity transitions in the Delta Estuary (mainly contributes to LD-1, links to CCM, SFM and LD-3 focal areas)</p>	<p>TA</p>	<p>3.1. Improved understanding of gaps in research and innovation related to climate-resilient livelihoods and practices in the delta estuary.</p> <p>3.2. Targeted research on CS/CR AAWF practices relating to salinity transitions tested, and assessed for their economic, social, environmental impacts</p> <p>3.3. Enhanced user-friendly and interactive knowledge products of CS/CR AAWF</p>	<p>3.1. Report on current research and innovation relating to livelihoods in the delta estuary - that will inform the TOR for research grant package</p> <p>3.2. Research results from the grant-financed research relating to climate smart, climate-resilient AAWF practices in the delta estuary</p> <p>3.3. Knowledge products (manuals, toolkits, technical guidelines) from lessons learned of grant-financed research in the delta estuary</p>	<p>GEF TF</p>	<p>1,450,000</p>	<p>108,700,000</p>

		practices in the delta estuary				
Component 4: Protecting Coastal Areas in the Delta Peninsula 4. Support for climate-smart and climate-resilient innovations for livelihoods, land and water use in the coastal peninsula area (contributes to LD and SFM focal areas)	TA	4.1. Improved understanding of gaps in research and innovation related to climate-resilient livelihoods and practices in the delta peninsula. 4.2. Targeted research on AAWF practices relating to coastal erosion and salinity tested, and assessed for their economic, social, environmental impacts 4.3. Enhanced user-friendly and interactive knowledge products of climate-smart, climate-resilient AAWF practices in the delta peninsula	4.1. Report on current research and innovation relating to livelihoods in the delta peninsula - that will inform the TOR for research grant package 4.2. Research results from the grant-financed research relating to climate smart, climate-resilient AAWF practices in the delta peninsula 4.3. Knowledge products (manuals, toolkits, technical guidelines) from lessons learned of grant-financed research in the delta peninsula	GEF TF	1,450,000	101,100,000
Component 5: Project Management 5. Project management, monitoring and evaluation	TA	5.1. Good coordination and management of the project	5.1. Additional staffing to the parent CPMU to specifically supervise the GEF grant activities	GEF TF		14,600,000
	(select)			(select)		
			Subtotal		5,890,831	386,700,000
			Project management Cost (PMC) ³	GEF TF	200,000 ⁴	
			Total GEF Project Financing		6090831	386700000

If Multi-Trust Fund project: PMC in this table should be the total and enter trust fund PMC breakdown here ()

C. SOURCES OF CONFIRMED COFINANCING FOR THE PROJECT BY SOURCE AND BY NAME (\$)

Please include letters confirming [cofinancing](#) for the project with this form

³ PMC should be charged proportionately to focal areas based on focal area project grant amount in Table D below.

⁴ PMC is embedded in component 5, but reflected in the PMC row in the table as per GEF template.

Sources of Co-financing	Name of Co-financier (source)	Type of Cofinancing	Cofinancing Amount (\$)
GEF Agency	World Bank (Vietnam: Mekong Delta Integrated Climate Resilience and Sustainable Livelihoods Project)	Loan	310,000,000
Recipient Government	Government of Vietnam	In-kind	76,700,000
(select)		(select)	
Total Co-financing			386,700,000

D. TRUST FUND RESOURCES REQUESTED BY AGENCY, FOCAL AREA AND COUNTRY¹

GEF Agency	Trust Fund	Country Name/Global	Focal Area	Programming of Funds	(in \$)		
					GEF Project Financing (a)	Agency Fee (b) ²	Total (c)=a+b
WB	GEF TF	Vietnam	Climate Change	(select as applicable)	4,560,000	433,200	4,993,200
WB	GEF TF	Vietnam	Land Degradation	(select as applicable)	462,831	43,969	506,800
WB	GEF TF	Vietnam	Multifocal Areas	SFM	1,068,000	101,460	1,169,460
(select)	(select)		(Select)	(select as applicable)			0
(select)	(select)		(Select)	(select as applicable)			0
(select)	(select)		(Select)	(select as applicable)			0
(select)	(select)		(Select)	(select as applicable)			0
(select)	(select)		(Select)	(select as applicable)			0
(select)	(select)		(Select)	(select as applicable)			0
(select)	(select)		(Select)	(select as applicable)			0
Total Grant Resources					6,090,831	578,629	6,669,460

¹ In case of a single focal area, single country, single GEF Agency project, and single trust fund project, no need to provide information for this table. PMC amount from Table B should be included proportionately to the focal area amount in this table.

² Refer to the [Fee Policy for GEF Partner Agencies](#)

E. DOES THE PROJECT INCLUDE A “NON-GRANT” INSTRUMENT? No

(If [non-grant instruments](#) are used, provide in Annex B an indicative calendar of expected reflows to your Agency and to the GEF/LDCF/SCCF/CBIT Trust Fund).

F. PROJECT'S TARGET CONTRIBUTIONS TO GLOBAL ENVIRONMENTAL BENEFITS⁵

Provide the expected project targets as appropriate.

Corporate Results	Replenishment Targets	Project Targets
1. Maintain globally significant biodiversity and the ecosystem goods and services that it provides to society	Improved management of landscapes and seascapes covering 300 million hectares	<i>hectares</i>
2. Sustainable land management in production systems (agriculture, rangelands, and forest landscapes)	120 million hectares under sustainable land management	<i>23,000 hectares</i>
3. Promotion of collective management of transboundary water systems and implementation of the full range of policy, legal, and institutional reforms and investments contributing to sustainable use and maintenance of ecosystem services	Water-food-ecosystems security and conjunctive management of surface and groundwater in at least 10 freshwater basins;	<i>Number of freshwater basins</i>
	20% of globally over-exploited fisheries (by volume) moved to more sustainable levels	<i>Percent of fisheries, by volume</i> █
4. Support to transformational shifts towards a low-emission and resilient development path	750 million tons of CO _{2e} mitigated (include both direct and indirect)	<i>Metric tons</i> <i>2.8 million⁶</i>
5. Increase in phase-out, disposal and reduction of releases of POPs, ODS, mercury and other chemicals of global concern	Disposal of 80,000 tons of POPs (PCB, obsolete pesticides)	<i>Metric tons</i>
	Reduction of 1000 tons of Mercury	<i>Metric tons</i>
	Phase-out of 303.44 tons of ODP (HCFC)	<i>ODP tons</i>
6. Enhance capacity of countries to implement MEAs (multilateral environmental agreements) and mainstream into national and sub-national policy, planning financial and legal frameworks	Development and sectoral planning frameworks integrate measurable targets drawn from the MEAs in at least 10 countries	<i>Number of countries</i>
	Functional environmental information systems are established to support decision-making in at least 10 countries	<i>Number of countries</i>

⁵ Update the applicable indicators provided at PIF stage. Progress in programming against these targets for the projects per the *Corporate Results Framework* in the [GEF-6 Programming Directions](#), will be aggregated and reported during mid-term and at the conclusion of the replenishment period. There is no need to complete this table for climate adaptation projects financed solely through LDCF, SCCF and/or CBIT.

⁶ Please see Annex C in Data sheet for CO₂ calculations.

ANNEX A: PROJECT PREPARATION GRANT (PPG) REPORTING⁷

PROVIDE DETAILED FUNDING AMOUNT OF THE PPG ACTIVITIES FINANCING STATUS IN THE TABLE BELOW:

PPG Grant Approved at PIF: \$0 (REFER TO LOAN CANCELLATION LETTER PMIS_			
<i>Project Preparation Activities Implemented</i>	<i>GEF/LDCF/SCCF/CBIT Amount (\$)</i>		
	<i>Budgeted Amount</i>	<i>Amount Spent To date</i>	<i>Amount Committed</i>
Total	0	0	0

ANNEX B: CALENDAR OF EXPECTED REFLOWS (if non-grant instrument is used)

Provide a calendar of expected reflows to the GEF/LDCF/SCCF/CBIT Trust Fund or to your Agency (and/or revolving fund that will be set up)

⁷ If at CEO Endorsement, the PPG activities have not been completed and there is a balance of unspent fund, Agencies can continue undertake the activities up to one year of project start. No later than one year from start of project implementation, Agencies should report this table to the GEF Secretariat on the completion of PPG activities and the amount spent for the activities; and report to Trustee on the closing of PPG in the quarterly report to Trustee.

ANNEX C: Carbon Calculation Methodology

A. Methodology for Calculation of Project Targets

1. Area under sustainable land management:

This figure is based on the estimated coverage of the area targeted for two production systems:

- Agriculture (Total area of agricultural activities/practices covered in the IDA project including promotion of third rice crop alternatives and application of climate-smart agricultural practices); and
- Forestry (The total area of mangrove forest to be planted/restored and of mangrove-shrimp/eco-shrimp farming in the IDA project).

2. Volume of CO₂ mitigation:

This figure is calculated as the sum of the volumes of CO₂ mitigated, that are attributed to four activities financed under the project, namely:

- Support for third rice crop alternatives to prevent moving from double rice to triple rice production;
- Shift from triple rice to double rice production and application of sustainable agricultural practices;
- Mangrove planting;
- Mangrove forest conservation due to mangrove-shrimp (including eco-shrimp farming) promotion.

This is calculated for the areas of each activity/practice in 10 subprojects in the IDA parent project using the average GHG emission reduced (ton/ha/year) for each activity/practice and for the number of years applying that practice in the IDA parent project life.

B. Summary of Calculations

Activities/Practices	Area under SLM practices for 5 years	Avg GHG emission mitigation (ton/ha/year)	No of years	GHG emission mitigation
Phase 1 sub-projects				
Third rice crop alternatives + transition from triple rice to double rice (Total)	2,970			
20%	594	5	4	11,880
30%	891	5	3	13,365
50%	1,485	5	2	14,850
Rice-shrimp/other CSA practices (Total)	2,680			

20%	536	2	4	4,288
30%	804	2	3	4,824
50%	1,340	2	2	5,360
Mangrove forestation	1,378	90	5	620,100
Phase 2 sub-projects				
Third rice crop alternatives + transition from triple rice to double rice (Total)	2,230			
20%	446	5	3	6,690
30%	669	5	2	6,690
50%	1,115	5	1	5,575
Rice-shrimp/other CSA practices (Total)	1,200			
20%	240	2	3	1,440
30%	360	2	2	1,440
50%	600	2	1	1,200
Mangrove forestation	1,255	90	4	451,800
Mangrove shrimp (Total)	11,140			
20%	2,228	90	3	601,560
30%	3,342	90	2	601,560
50%	5,570	90	1	501,300
TOTAL	22,853			2,849,842