



ADAPTATION FUND

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16 March 2026

Adaptation Fund Board
Project and Programme Review Committee
Thirty-seventh Meeting
Bonn, Germany, 7-8 April 2026

PROPOSAL FOR CAMBODIA, INDONESIA, VIET NAM



ADAPTATION FUND

ADAPTATION FUND BOARD SECRETARIAT TECHNICAL REVIEW OF PROJECT/PROGRAMME PROPOSAL

PROJECT/PROGRAMME CATEGORY: Pre-Concept for a Regional Project

Countries/Region: Cambodia, Indonesia, Vietnam

Project Title: Building climate resilience of small-scale fisheries and aquaculture in Southeast Asia

Thematic focal area: Food Security

Implementing Entity: United Nations Industrial Development Organization (UNIDO)

Executing Entities: Southeast Asian Fisheries Development Center (SEAFDEC), UNIDO

AF Project ID: AF00000504

IE Project ID:

Reviewer and contact person: Lystra Fletcher-Paul

IE Contact Person(s):

Requested Financing from Adaptation Fund (US Dollars):

Co-reviewer(s): Assouyouiti Mahamat

Technical Summary

The project “Building climate resilience of small scale fisheries and aquaculture in Southeast Asia” aims to strengthen the regional adaptive capacity and livelihood resilience of small-scale fisheries and aquaculture systems in Southeast Asia particularly for vulnerable groups such as women and low-income coastal communities, by addressing climate risks such as sea level rise, extreme weather events, and ecosystem degradation through climate resilient technologies, inclusive and sustainable practices, improved market access, and regional cooperation to scale up effective adaptation solutions. This will be done through the five components below:

Component 1: Climate Risk Mapping and Adaptation Planning (USD 4,600,000).

Component 2: Implementation of Climate Resilient Aquaculture and Fisheries Practices (USD 7,500,000)

Component 3: Livelihood Diversification and Inclusive Capacity Building (USD 7,500,000)

Component 4: Policy Integration, Regional Coordination and Quality Infrastructure for Climate Resilience (USD 3,750,000)

Component 5: Knowledge Management, Regional Learning and Cross-Country Exchange (USD 2,500,000)

Requested financing overview:

	<p>Project/Programme Execution Cost: USD 1,422,728 Total Project/Programme Cost: USD 27,272,728 Implementing Fee: USD 2,727,272 Financing Requested: USD 30,000,000</p> <p>The proposal includes a request for a project formulation grant and/or project formulation assistance grant of USD 30,000.</p> <p>The initial technical review raises several issues, such as, elaboration of the context, clear statement of the problem and concise statement of the Objectives and Specific Objectives, justification of cost effectiveness and sustainability and clear delineation of the roles of the Regional Implementing Entity, Regional Execution Entities and National Execution Entities as is discussed in the number of Clarification Requests (CRs) and Corrective Action Request (CAR) raised in the review.</p> <p><i>Please be advised that the findings of the AFB Secretariat's review of the funding proposal(s) do not reflect, indicate, or prejudge the outcome of the reaccreditation process currently underway. The Implementing Entity (IE) shall acknowledge that the funding proposal will not be approved by the Board if the IE's accreditation has expired, and reaccreditation has not been achieved at the time of the Board's decision. Notwithstanding this potential risk, the IE has elected to proceed with the development of the funding proposal.</i></p>
Date	January 14, 2026

Review Criteria	Questions	First Technical Review Comments January 14, 2026
Country Eligibility	1. Are all of the participating countries party to the Kyoto Protocol and/or the Paris Agreement?	<p>Yes.</p> <p>Cambodia, Indonesia and Vietnam are all parties to the Kyoto Protocol and the Paris Agreement.</p>

	<p>2. Are all of the participating countries developing countries particularly vulnerable to the adverse effects of climate change?</p>	<p>Yes.</p> <p>All three countries are situated in South-East Asia which is one of the most climate vulnerable regions in the world. Specifically, the countries are vulnerable to the adverse effects of climate change with rising sea surface temperatures, salinity intrusion, coral bleaching, ocean acidification, disease outbreaks, and increasingly frequent typhoons and floods are reducing fishery productivity, damaging aquaculture systems, and undermining food and income security.</p>
<p>Project Eligibility</p>	<p>1. Have the designated government authorities for the Adaptation Fund from each of the participating countries endorsed the project/programme?</p>	<p>Yes.</p> <p>As per Endorsement Letters dated: 4 October 2025 for Cambodia, November 2025, for Indonesia and 2 December 2025 for Vietnam.</p> <p>The proposal including Title Page and Annexes is 6 pages long which is acceptable.</p> <p>CAR 1: Please ensure the pages are numbered and all Tables are labelled.</p>

	<p>2. Has the pre-concept provided necessary information on the problem the proposed project/programme is aiming to solve, including both the regional and the country perspective?</p>	<p>Yes, however additional information is required</p> <p>While the preconcept note broadly states the climate vulnerabilities of the countries, it does not provide sufficient information on the country context such as the importance of aquaculture and fisheries to the economies of the country in terms of employment, livelihoods, contribution to GDP or food security. There is little information on the situation in the country with respect to the institutions, and current adaptation strategies being applied. The extent of the problem is not provided to show how the project will solve the problems or to justify the size of the assistance being requested, and how the project will fill the void both at the national and regional levels.</p> <p>While to project objective specifically targets vulnerable groups such as women and low-income coastal communities, there is very little information about the situation of these groups.</p> <p>CAR 2: Please provide additional information in the Background and Context as follows:</p> <ol style="list-style-type: none"> 1. The importance of fisheries and aquaculture to the economies of the three countries. 2. A succinct vulnerability analysis to show the extent of the problems caused by climate change and the impacts on the economy, livelihoods, etc. of each country and particularly the situation with vulnerable groups. 3. The National and regional context with respect to institutions involved in the sector, the problems and shortcomings being experienced. 4. A clear statement of the problems that the project will address in the context of the climate vulnerability
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		<p>CAR3: There seem to be multiple regional programs addressing fishery issues and implemented by SEAFDEC and other regional organizations. Please clarify how this program builds or complement the existing initiatives including those funded by ADB on sustainable aquaculture practices or by JICA on Small-Scale Aquaculture.</p>
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	<p>3. Have the project/programme objectives, components and financing been clearly explained?</p>	<p>Yes, however additional information is required,</p> <p>The general objective is too long and specific objectives should be clearly stated to show the link between the Components and the Specific Objectives, outcomes and outputs.</p> <p>CR1: Rephrase the overall objective statement for more focus. A proposed statement could be: “to strengthen the regional adaptive capacity and livelihood resilience of small-scale fisheries and aquaculture systems in Cambodia, Indonesia and Vietnam”.</p> <p>Also, please include specific objectives to show the alignment of the components, outcomes and outputs of the project.</p> <p>CAR 4: Please include in Component 5, an activity to assess the proposed the effectiveness of learning events and workshops to allow for revision of future events.</p> <p>The Pre-concept note states that “The programme will align with the ASEAN Small Scale Fisheries (SSF) and Small-Scale Aquaculture (SSA) Guidelines currently being developed with support from UNIDO. However, no Adaptation Fund resources will be used to finance their development or implementation”. How will UNIDO ensure that AF resources are not used to finance the Guidelines and their implementation if they are responsible for both?</p> <p>CR 2: Please clarify how the AF resources will not be used to finance the development and implementation of the Guidelines.</p>
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	<p>4. Has the project/programme been justified in terms of how:</p> <ul style="list-style-type: none"> - it supports concrete adaptation actions? - it builds added value through the regional approach? - it promotes new and innovative solutions to climate change adaptation? - it is cost-effective? - it is consistent with applicable strategies and plans? - it incorporates learning and knowledge management? - it will be developed through a consultative process with particular reference to vulnerable groups, including gender considerations, in compliance with the Environmental and Social Policy of the Adaptation Fund? - it will take into account sustainability? 	<p>Yes, however additional information is required</p> <p>Part II of the Pre-concept Note addresses issues related to Project/Programme Justification. For each component it states the expected outcomes and activities as well as the adaptation actions which will be undertaken. It also provides a brief outline of the value of the regional approach and the innovation that will be promoted by the project. The Project Title page also states that the regional project contributes to Food Security.</p> <p>However the pre-concept note, does not include information on the specific problem that will be addressed by each component to justify the proposed interventions.</p> <p>With respect to cost effectiveness, the proposal indicates that it will pool technical resources, conduct joint training, and co-develop tools across countries and regional initiatives to reduce costs and accelerate impact. However, the arguments for cost effectiveness could be strengthened by including information on alternative options to the proposed measures and comparisons with other interventions.</p> <p>The proposal mentions the alignment with the NAPs of Cambodia and Viet Nam while for Indonesia, where the NAP is still under development it aligns with the NDC, sectoral strategies and coastal resilience frameworks. At the regional level a number of regional plans related to Fisheries, the Blue Economy, Food and Agriculture are also mentioned.</p> <p>The project also incorporates learning and knowledge through the establishment of the regional knowledge hub, cross-country learning platforms, and south-south technical exchanges as part of Component 5.</p>
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Women and low-income coastal communities, have been mentioned throughout the proposal while consultations are only mentioned with respect to the roles of the National Execution Entities. There is no mention of any consultation process which provided inputs for the formulation of the pre-concept note. However, the PFG has allocation for stakeholder consultations. These consultations involve line ministries, key development partners and private sector. No mention is made of women's groups, youth or other vulnerable communities, nor gender considerations.

CR3: Considering the mandate of the AF to fund concrete adaptation actions, the project seems to focus heavily on soft activities including under component 1, 4 and 5. Please consider revising the components and add more weight on concrete actions vs soft or capacity building issues.

CAR 5 For each Component, please include a statement on the problem that it seeks to address.

CAR 6: Kindly include information on alternative options and/or comparisons with other interventions in the section on Cost Effectiveness.

CAR 7: Please ensure that national sub-sectoral plans such as water and food security/agriculture are also included in the Concept Note.

CAR 8: With respect to Sustainability of Outcomes, please include information on the arrangements for operation and maintenance of infrastructure and equipment after the life of the project. Also ensure that all aspects of sustainability – economic, social, environmental, institutional, and financial are addressed.

		<p>CAR 9: Please include in the PFG consultations involving women, vulnerable communities and other gender considerations.</p> <p>CAR 10: Although it is at Pre-CN stage, indicative data on beneficiaries including gender disaggregated data is still required. Please provide any initial information currently available for this stage.</p>
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	<p>5. Does the pre-concept briefly explain which organizations would be involved in the proposed regional project/programme at the regional and national/sub-national level, and how coordination would be arranged? Does it explain how national institutions, and when possible, national implementing entities (NIEs) would be involved as partners in the project?</p>	<p>Unclear</p> <p>Part III of the Pre-concept Note describes the Implementation Arrangements, indicating that UNIDO will be involved at the Regional Level as the RIE and SEAFDEC will serve as the Regional Executing Entity (REE), responsible for execution of regional activities, regional coordination. At the National Level, the relevant national fisheries and aquaculture agencies will act as National Executing Entities (NEE) and UNIDO will also be responsible for the execution of activities at national and regional levels, when necessary. However, the details of the of the roles and responsibilities have not been clearly delineated. The Preconcept note states that the details will be provided after extensive consultation during the Concept Note stage.</p> <p>CR 4: Please ensure that the roles of the Regional and National Executing Entities and the Implementing Entity and coordination arrangements are clearly delineated, particularly the roles of UNIDO as this has implication for the IE fees.</p> <p>CAR11: UNIDO is proposed to execute part of the projects without clear information on which component or activities. The Pre-CN states that “UNIDO will maintain some level of execution of activities at national and regional levels, when necessary, while maintaining separate internal reporting lines for its IE and EE functions to avoid conflicts of interest”. Kindly clarify and revise the document accordingly.</p>
<p>Resource Availability</p>	<p>6. Is the requested project / programme funding within the funding windows of the programme for regional projects/programmes?</p>	<p>Yes.</p>

7. Are the administrative costs (Implementing Entity Management Fee and Project/ Programme Execution Costs) at or below 10 per cent of the project/programme for implementing entity (IE) fees and at or below 10 per cent of the project/programme cost for the execution costs?

Yes, however some additional information is required

The section on Project/Programme Components and Financing presents a breakdown of the Components and their respective amounts. The figures are rounded and add up. The Implementing Entity Management Fee is 10 % of the project/Programme cost.

In Part III of the Pre-concept note it states that the Southeast Asian Fisheries Development Centre will be serve as the Regional Executing Entity (REE), responsible for execution of regional activities, regional coordination, availing of technical expertise, and facilitation of cross-country learning and stakeholder engagement in collaboration with national authorities.

At national level, execution will be undertaken by the suitable fisheries and aquaculture agencies acting as National Executing Entities (NEE)” and UNIDO will also serve in the implementing of some national activities.”

If UNIDO will serve as both the Implementing Entity and Executing Entity, there must be a well-justified reason for this arrangement. In addition, the execution cost to UNIDO should be limited to 1.5 % of the part of the project/programme executed by the Implementing Entity. If the actual execution costs of the IE exceed the 1.5% cap a justification should be provided. (see below). This will be important at fully developed stage when the breakdown of the IE and EE fees are required.

CR 4: Please ensure consistency between the narrative on Implementing Arrangements and the Title Page. Please

		include the national fisheries and aquaculture agencies among the NEEs on the title page.
Eligibility of IE	8. Is the project/programme submitted through an eligible Implementing Entity that has been accredited by the Board?	<p>No.</p> <p>UNIDO's accreditation expired on 30 November 2025.</p> <p><i>Please be advised that the findings of the AFB Secretariat's review of the funding proposal(s) do not reflect, indicate, or prejudge the outcome of the reaccreditation process currently underway. The Implementing Entity (IE) shall acknowledge that the funding proposal will not be approved by the Board if the IE's accreditation has expired, and reaccreditation has not been achieved at the time of the Board's decision. Notwithstanding this potential risk, the IE has elected to proceed with the development of the funding proposal.</i></p>



ADAPTATION FUND

PRE-CONCEPT FOR A REGIONAL PROJECT/PROGRAMME

PART I: PROJECT/PROGRAMME INFORMATION

Title of Project/Programme: Building climate resilience of small scale fisheries and aquaculture in Southeast Asia
Countries: Cambodia, Indonesia, and Vietnam
Thematic Focal Area: Food security
Type of Implementing Entity: Multilateral Implementing Entity
Implementing Entity: United Nations Industrial Development Organization (UNIDO)
Executing Entities: Southeast Asian Fisheries Development Center (SEAFDEC), UNIDO
Amount of Financing Requested: 30,000,000 (in U.S Dollars Equivalent)
Project Formulation Grant Request: Yes No
Amount of Requested financing for PFG: 30,000 (in U.S Dollars Equivalent)
Letters of Endorsement (LOE) signed for all countries: Yes No
Stage of Submission:
 This pre-concept has been submitted before
 This is the first submission ever of the pre-concept

Please note that pre-concept should not exceed 5 pages (in addition to this first cover page)

Project/Programme Background and Context:

Southeast Asia is one of the most climate-vulnerable regions in the world, with coastal communities engaged in small-scale fisheries and aquaculture among the most exposed. These sectors are vital for food security, nutrition, and employment, with over 52 million people in the region directly dependent on them, representing 85 percent of the global total (FAO, 2023).

Climate change is already disrupting the sector in the region. Rising sea surface temperatures, salinity intrusion, coral bleaching, ocean acidification, disease outbreaks, and increasingly frequent typhoons and floods are reducing fishery productivity, damaging aquaculture systems, and undermining food and income security. Coastal communities, especially women, and low-income groups, are least able to cope with these shocks due to limited resources and adaptive capacity.

The project tackles three interlinked adaptation challenges across all participating countries: climate change is destabilizing fisheries and aquaculture, undermining household income and food security; local communities remain highly vulnerable with limited means to adapt; and responses are fragmented and poorly coordinated despite shared ecosystems and stressors.

Each country faces specific vulnerabilities within this regional context:

- **Cambodia:** Changing hydrology is disrupting fisheries in the Tonle Sap and affecting inland aquaculture, while sea level rise and saltwater intrusion damage coastal systems.
- **Indonesia:** Small islands face flooding, coral bleaching, and disease outbreaks that threaten pond-based aquaculture and reef fisheries.
- **Vietnam:** Flooding, salinity intrusion, and super typhoons in coastal areas, especially the Mekong Delta severely impact pangasius and shrimp farming, undermining rural livelihoods.

Although national adaptation measures are emerging, they remain isolated, under-resourced, and uneven across the region. Shared ecosystems and similar climate stressors demand a coordinated regional approach. By addressing these challenges, the project will strengthen the adaptive capacity of fisheries and aquaculture communities, reduce their vulnerability to climate change, and create regional mechanisms to scale up effective adaptation solutions across Southeast Asia.

Project/Programme Objectives:

To strengthen the regional adaptive capacity and livelihood resilience of small-scale fisheries and aquaculture systems in Southeast Asia, particularly for vulnerable groups such as women and low-income coastal communities, by addressing climate risks such as sea level rise, extreme weather events, and ecosystem degradation through climate resilient technologies, inclusive and sustainable practices, improved market access, and regional cooperation to scale up effective adaptation solutions.

The programme will align with the ASEAN Small Scale Fisheries (SSF) and Small-Scale Aquaculture (SSA) Guidelines *currently being* developed with support from UNIDO. However, no Adaptation Fund resources will be used to finance their development or implementation. The Guidelines will serve as a reference once finalized, but project activities are designed to be independent and not dependent on their completion.

Project/Programme Components and Financing:

Project/Programme Components	Expected Outcomes	Expected Outputs	Countries	Amount (US\$)
1. Climate Risk Mapping and Adaptation Planning	<i>Outcome 1: Strengthened capacity of national and local institutions to assess climate risks and apply adaptation strategies in fisheries and aquaculture planning</i>	1.1 Climate risk screening and vulnerability assessments completed, monitoring methodology and mechanism agreed and established in selected fisheries and aquaculture areas. 1.2 Community-based adaptation strategies developed through participatory processes at community and national level 1.3 Climate risk maps and localized climate information services designed in collaboration with scientific partners to provide seasonal forecasts and planning tools for fisheries and aquaculture 1.4 Regional impact data base established 1.5 Local adaptation plans integrated into fisheries and aquaculture development frameworks	Cambodia Indonesia Vietnam	4,600,000
2. Implementation of Climate-Resilient Aquaculture and Fisheries Practices	Outcome 2: Enhanced resilience of small-scale aquaculture and fisheries systems through the adoption of ecosystem-based approaches and climate-resilient technologies	2.1 Innovative and climate-resilient aquaculture and fisheries practices demonstrated in pilot sites through technical guidance and hands-on training 2.2 Community-based aquaculture and fisheries practices including fish health monitoring and surveillance aquaculture and fisheries practices -specific information tools (e.g., seasonal disease risk alerts, water quality monitoring, etc.) installed and operational at pilot sites 2.3 Ecosystem-based adaptation measures, including mangrove buffers, applied in selected sites through participatory planning	Cambodia Indonesia Vietnam	7,500,000

		2.4 Collaborations between researchers and small-scale producers established to validate, document, and replicate low-emission and climate-adaptive aquaculture and fisheries practices models across the region.		
3. Livelihood Diversification and Inclusive Capacity Building	Outcome 3: Diversified and climate-resilient livelihoods developed for vulnerable groups in coastal and inland communities	3.1 Pilot activities on seaweed cultivation and small-scale aquaculture developed and implemented in selected communities. 3.2 Training modules and extension materials on post-harvest handling and sustainable processing developed and delivered 3.3 Capacity of women and vulnerable groups enhanced through inclusive training, mentoring, and enterprise coaching. 3.4 Inclusive business models developed, and community-based MSME support services established to improve value chain resilience.	Cambodia Indonesia Vietnam	7,500,000
4. Policy Integration, Regional Coordination, and Quality Infrastructure for Climate Resilience	Outcome 4: Enabling policy and institutional environment for climate-resilient small-scale fisheries and aquaculture strengthened at regional levels based on good practices at national level.	4.1 Adaptation priorities are integrated into the national plan on aquaculture, fisheries exploitation and the national plan on climate change adaptation 4.2 Regional coordination platforms and technical cooperation mechanisms established and functional, with strengthened institutional capacity of SEAFDEC and ASEAN 4.3 Climate-smart standards, eco-labels, and traceability tools co-developed and harmonized at regional level, and piloted in selected localities with small-scale producers through targeted training and support 4.4 National quality infrastructure systems ¹ strengthened to support compliance and market access for sustainable aquatic food products. 4.5 Innovation partnerships launched with research institutions and private sector actors to pilot incentive-based mechanisms (e.g., blue credit systems, index-based insurance) and promote climate-resilient solutions .	Cambodia Indonesia Vietnam	3,750,000
5. Knowledge Management, Regional Learning and Cross-Country Exchange	Outcome5: Enhanced regional knowledge systems and cross-country learning platforms to support replication, innovation, and long-term climate resilience in fisheries and aquaculture	5.1 Regional knowledge hub and digital platform on fisheries and aquaculture adaptation established and hosted by SEAFDEC/ASEAN to compile, curate, and share knowledge and tools 5.2 Cross-country learning events, study visits, and technical workshops conducted to foster exchange. 5.3 Inclusive learning materials and gender-sensitive case studies developed and disseminated at community and national levels.	Cambodia Indonesia Vietnam	2,500,000
6. Project/Programme Execution cost (B)				1,422,728
7. Total Project/Programme Cost (A+B)				27,272,728
8. Project/Programme Cycle Management Fee charged by the Implementing Entity (C)				2,727,272
Amount of Financing Requested				30,000,000

Project Duration: 6 years (72 Months)

¹**National Quality Infrastructure (NQI) system** is the institutional framework that establishes and implements the necessary standards, metrology, accreditation, conformity assessment, and market surveillance functions. It ensures that products, services, and processes comply with safety, health, environmental, and market requirements.

PART II: PROJECT/PROGRAMME JUSTIFICATION

Project Components and Adaptation Activities

The project is structured around five interlinked components with concrete adaptation activities:

- **Component 1:** This component will strengthen national, local, and regional institutions and mechanism to assess climate risks and integrate adaptation strategies into fisheries and aquaculture planning. It will support risk screening and vulnerability assessments, establish monitoring methodologies, and develop community-based strategies through participatory processes. Localized climate information services, co-designed with scientific partners, will provide seasonal forecasts, salinity monitoring, and disease risk alerts to guide planning. A regional impact database will facilitate knowledge-sharing, while adaptation plans will be integrated into national frameworks, coordinated by ASEAN and SEAFDEC for regional coherence.
- **Component 2:** This component will demonstrate innovative, climate-resilient aquaculture and fisheries practices in pilot sites. Activities include ecosystem-based solutions such as mangrove buffers, digital tools for fish health and water quality monitoring, and low-emission aquaculture models. Collaborations between researchers and small-scale producers will support the validation, documentation, and replication of scalable practices.
- **Component 3:** This component will support pilot activities on seaweed cultivation and small-scale aquaculture in selected communities, targeting vulnerable coastal and inland areas. Inclusive training, mentoring, and enterprise coaching will build the capacity of women, and low-income groups to adopt climate-resilient practices and participate in value-added activities. Local communities will benefit from access to inclusive business models and community-based MSME support services to strengthen and diversify income generation. These efforts will enhance livelihood resilience, promote economic empowerment, and reduce vulnerability to climate-induced shocks.
- **Component 4:** This component will provide climate adaptation strategies and plans at national levels and strengthen regional policy frameworks and coordination mechanisms through ASEAN with technical support from SEAFDEC based on national practices. Climate-smart standards, eco-labels, group certification models, and digital traceability tools will be co-developed and piloted through inclusive, community-driven processes. Early engagement of small-scale producers, along with awareness-raising and training, will ensure local relevance, ownership, and buy-in. Incentive-based mechanisms such as blue credit systems and index-based insurance will also be tested to support ecosystem restoration and improve access to climate-responsive markets.
- **Component 5:** This component will establish a regional knowledge hub and digital platform hosted by SEAFDEC, and support cross-country learning through study visits, technical exchanges, and gender-sensitive training. Structured peer learning will promote the replication of effective practices and the uptake of climate adaptation innovations across the region.

Contribution to Climate Resilience and Value of the Regional Approach: The regional approach is crucial to addressing shared climate risks such as rising sea levels, extreme weather, and cross-border degradation of aquatic ecosystems. By harmonizing tools, piloting scalable models, and promoting coordinated policy responses, the project avoids duplication and enhances cost-effectiveness. Regional institutions like ASEAN and SEAFDEC will strengthen collaboration and ensure cross-country learning, aligned with ASEAN frameworks and priorities.

Promotion of Innovation: The project introduces eco-engineered production systems in high-risk areas, such as mangrove–aquaculture models and integrated multi-trophic aquaculture, to

strengthen resilience. Community-based digital tools, including mobile apps, water quality sensors, and disease monitoring platforms, will help fishers and farmers manage pond conditions and reduce losses. Certification and eco-labeling models will link sustainable practices with climate-friendly markets, while any engagement with carbon or conservation markets will be carefully designed to safeguard community interests. Regional collaboration through SEAFDEC and ASEAN will support validation, scale-up, and knowledge-sharing of these innovations.

Cost-Effectiveness: Pooling technical resources, conducting joint trainings, and co-developing tools across countries reduces costs and accelerates impact. For example, rather than each country developing its own certification scheme or risk model, regional frameworks and tools will be co-created and adapted, maximizing cost-efficiency and minimizing duplication.

Alignment with National and Regional Strategies: The project aligns with national and regional climate adaptation priorities. At the national level, it supports the National Adaptation Plans (NAPs) officially submitted to the UNFCCC by Cambodia (2021), and Viet Nam (2024), which emphasize adaptation needs in fisheries, aquaculture, water resource management, and livelihood resilience. For Indonesia, where full NAP is still under development, the project aligns with adaptation priorities outlined in its nationally determined contribution (NDC), sectoral strategies, and coastal resilience frameworks relevant to fisheries and aquaculture.

At the regional level, the project contributes to the Strategic Plan for ASEAN Cooperation in Fisheries (2021–2025), the ASEAN Blue Economy Framework (2023), the ASEAN Economic Community Strategic Plan (2026–2030), the ASEAN Action Plan on Climate Change (2021), and the ASEAN Strategic Plan of Action on Food, Agriculture and Forestry (SPA-FAF) (2021–2025). It also supports implementation of the ASEAN Guidelines for Small-Scale Fisheries and Small-Scale Aquaculture (2022), enabling cross-border solutions to share climate risks in Southeast Asia.

Learning and Knowledge Management: Structured knowledge systems will be established through the regional knowledge hub, cross-country learning platforms, and south-south technical exchanges. Gender-responsive and community-driven learning methods will ensure inclusive participation, and SEAFDEC will play a key role in regional training and technical backstopping.

Sustainability of Outcomes: Project outcomes will be sustained through integration into national, local, and regional planning frameworks, capacity building of local institutions and producer groups, and the promotion of low-cost, locally appropriate technologies. Inclusive MSME models will strengthen ownership and facilitate access to markets and climate finance. Regional support from ASEAN and SEAFDEC will reinforce continuation and upscaling beyond the project cycle.

PART III: IMPLEMENTATION ARRANGEMENTS

UNIDO will serve as the Implementing Entity (IE), responsible for overall fiduciary oversight, supervision of Executing Entities, risk and results management, and reporting to the Adaptation Fund. UNIDO will ensure compliance with AF safeguards, gender policy, procurement, and financial standards.

SEAFDEC will serve as the Regional Executing Entity (REE), responsible for execution of regional activities, regional coordination, availing of technical expertise, and facilitation of cross-country learning and stakeholder engagement in collaboration with national authorities. At national level, execution will be undertaken by the suitable fisheries and aquaculture agencies acting as National Executing Entities (NEE). They will lead site-level activities and stakeholder engagement to ensure alignment with national priorities. National execution arrangements will be further considered and validated during the Concept Note stage.

UNIDO will maintain some level of execution of activities at national and regional levels, when necessary, while maintaining separate internal reporting lines for its IE and EE functions to avoid conflicts of interest. During the preparation of the Concept Note, in collaboration with counterparts and with the aim of maximizing execution efficiency and results, UNIDO will identify activities that will be executed by UNIDO, the NEEs and REE at both national and regional levels. In particular, UNIDO will ensure full alignment of project activities across countries, and between national and regional levels. UNIDO will retain final approval and oversight over work plans, budgets, safeguards, procurement, and reporting. Specific national execution arrangements will be confirmed during the Concept Note stage following further consultations and due diligence.

A Regional Steering Committee (RSC), chaired by UNIDO and co-chaired by SEAFDEC with ASEAN and national partners, will provide strategic direction and endorse annual work plans. The RSC will not have fiduciary or execution responsibilities. ASEAN will provide an advisory role, supporting policy alignment and regional cooperation, without involvement in financial management or execution functions. Stakeholder engagement will be ensured throughout the project through inclusive planning and transparent feedback mechanisms. This set-up ensures a clear accountability chain, effective UNIDO supervision, and strong coordination across all levels.

PART IV: ENDORSEMENT BY GOVERNMENTS AND CERTIFICATION BY THE IMPLEMENTING ENTITY

A. Record of endorsement on behalf of the government²

Choup Paris, Secretary of State, Ministry of Environment, Kingdom of Cambodia	Date: (October, 01, 2025)
Ary Sudijanto, Deputy Minister for Climate Change and Carbon Governance, Ministry of Environment, Republic of Indonesia	Date: (November, 14, 2025)
Tang The Cuong, Director General, Department of Climate Change, Ministry of Agriculture and Environment of Viet Nam	Date: (December, 03, 2025)

B. Implementing Entity certification

I certify that this proposal has been prepared in accordance with guidelines provided by the Adaptation Fund Board, and prevailing National Development and Adaptation Plans and subject to the approval by the Adaptation Fund Board, <u>commit to implementing the project/programme in compliance with the Environmental and Social Policy of the Adaptation Fund</u> and on the understanding that the Implementing Entity will be fully (legally and financially) responsible for the implementation of this project/programme.	
 Ms. Ganna Onysko Senior GEF, GCF, AF Coordinator Division of Funding Partner Relations Directorate of Global Partnerships and External Relations United Nations Industrial Development Organization - UNIDO Implementing Entity Coordinator Implementing Entity Coordinator	
Date: 10 December 2025	Tel. and email: +43 1 26026 3647 g.onysko@unido.org
Project Contact Person: BAHRAMALIAN, Nima	
Tel. And Email: +43 1 26026 3746 n.bahramalian@unido.org	



KINGDOM OF CAMBODIA
Nation Religion King

Ministry of Environment

N^o : 7930 / 1025 MoE

Phnom Penh, 1 October 2025

To: The Adaptation Fund Board
c/o Adaptation Fund Board Secretariat
Email: secretariat@Adaptation-Fund.org
Fax: 202 522 3240/5

Subject: Endorsement on a Regional Project Pre-Concept Note "Building Climate Resilience of Small-Scale Fisheries and Aquaculture in Southeast Asia".

In my capacity, as designated authority for the Adaptation Fund in Cambodia, I confirm that the above regional project proposal is in accordance with my Government of Cambodia's national priorities in implementing adaptation activities to reduce adverse impacts of, and risks, posed by climate change in Cambodia. The proposal directly supports the objectives outlined in Cambodia's Climate Change Strategic Plan (CCCSP) 2024-2033, National Strategic Plan for Aquaculture Development 2016-2030 Long-Term Strategy for Carbon Neutrality (LTS4CN) and Cambodia's Nationally Determined Contribution (NDCs3.0), particularly strengthening the resilience of small-scale fisheries and aquaculture systems for vulnerable groups such as women and low-income coastal communities by addressing climate risks including sea level rise, extreme weather events, and ecosystem degradation through climate resilient technology, inclusive, and sustainable practice.

Accordingly, I am pleased to endorse the above regional project proposal for submission to the Adaptation Fund. If approved, the project will be implemented by the United Nations Industrial Development Organization (UNIDO) and co-executed by UNIDO, the Ministry of Environment (MoE) of Cambodia, and other relevant line ministries as the lead national executing entities.

I sincerely hope that this proposal will be considered favorably by the Adaptation Fund. *ea*



Yours sincerely,

Paris
CHOU Paris
Secretary of State



MINISTRY OF ENVIRONMENT/
ENVIRONMENTAL PROTECTION AGENCY

DEPUTY OF CLIMATE CHANGE AND CARBON GOVERNANCE

Plaza Kuningan, South Tower 3rd floor, H. R. Rasuna Said St., Karet Kuningan, South Jakarta 12920
website : <https://kemenlh.go.id/> e-mail : tudirektoratadaptasi@gmail.com

Our Ref. : B.256/H/PPI.4.1./11/2025

Jakarta, November 2025

Subject : Endorsement to pre-concept note of the
Regional Initiatives on Building Climate
Resilience of Small-scale Fisheries and
Aquaculture in Southeast Asia

To: The Adaptation Fund Board
c/o Adaptation Fund Board Secretariat
Email: Secretariat@Adaptation-Fund.org
Fax: 202 522 3240/5

In my capacity as the national designated authority for the Adaptation Fund in Indonesia, I am writing to you in conjunction with the Pre-Concept Note "**Building Climate Resilience of Small-scale Fisheries and Aquaculture in Southeast Asia**". The pre-concept note has been reviewed and I confirm that the above Pre-Concept Note is in accordance with the government of Indonesia's priorities in implementing adaptation activities to strengthen the adaptive capacity and livelihood resilience of small-scale fisheries and aquaculture systems in Indonesia, particularly for vulnerable groups such as women and low-income coastal communities. The programme will align with the ASEAN Small Scale Fisheries (SSF) and Small-Scale Aquaculture (SSA) Guideline currently being developed by UNIDO.

Accordingly, I am pleased to endorse the above Pre-Concept Note with support from the Adaptation Fund. If approved, the project will be implemented by UNIDO as MIE and executed by Ministry of Marine Affairs and Fisheries in Indonesia as national executing entity and SEAFDEC and ASEAN working groups as executing entity.

Thank you for your attention and further cooperation.

Sincerely yours,



Ary Sudijanto

Deputy Minister for Climate Change and Carbon Governance
As National Designated Authority
for Adaptation Fund Indonesia

Ha Noi, December 2, 2025

The Adaptation Fund Board

c/o Adaptation Fund Board Secretariat
Email: Secretariat@Adaptation-Fund.org
Fax: 202 522 3240/5

Endorsement for the project pre-concept proposal titled “Building Climate Resilience of Small-Scale Fisheries and Aquaculture in Southeast Asia”

The project titled “Building Climate Resilience of Small-Scale Fisheries and Aquaculture in Southeast Asia” has been developed by the Department of Fisheries and Surveillance, Ministry of Agriculture and Environment (MAE) of Viet Nam in collaboration with the United Nations Industrial Development Organization (UNIDO). The objective of the project is to strengthen the regional adaptive capacity and livelihood resilience of small-scale fisheries and aquaculture systems in Southeast Asia.

On behalf of Department of Climate Change, Ministry of Agriculture and Environment, as Viet Nam's designated authority for the Adaptation Fund, I hereby confirm that the project pre-concept proposal titled “Building Climate Resilience of Small-Scale Fisheries and Aquaculture in Southeast Asia” aligns fully with the priorities of the Government of Viet Nam in strengthening the climate resilience for vulnerable groups such as women and low-income coastal communities in Viet Nam.

Therefore, I am pleased to endorse the above project pre-concept proposal and support its submission to the Adaptation Fund. If approved, the project will be implemented by the United Nations Industrial Development Organization and executed by the Department of Fisheries and Surveillance, Ministry of Agriculture and Environment of Viet Nam.

Sincerely,



Tang Le Cuong
Director General
Department of Climate Change
Ministry of Agriculture and Environment of Viet Nam

Cc:

- The Department of Fisheries and Surveillance, MAE;
- UNIDO.



Revised PFG Submission Form¹ (additions in red)

Project Formulation Grant (PFG)

Submission Date: 10 December 2025

Adaptation Fund Project ID:

Country/ies: Cambodia, Indonesia and Vietnam

Title of Project/Programme: Building climate resilience of small scale fisheries and aquaculture in Southeast Asia

Type of IE (NIE/RIE/MIE): Multilateral Implementing Entity

Implementing Entity: United Nations Industrial Development Organization (UNIDO)

Executing Entity/ies: UNIDO,

A. Project Preparation Timeframe

Start date of PFG	June 2026
Completion date of PFG	December 2026

B. Proposed Project Preparation Activities (\$)

List of Proposed Project Preparation Activities	Output of the PFG Activities	US\$ Amount	Budget note²
Recruitment of a team of experts for conducting assessment in the three target countries	Establishment of baselines; Mapping of potential target locations; Identifying resilience pathways; Mapping public, donor and private sector funded interventions for coordination and synergies; Development of full proposal.	15,000	2 experts recruitment to conduct baseline assessments and concept note/full proposal development
Field mission	Field missions undertaken; Primary data collected;	9,000	One local consultation mission in target areas in 3 countries for primary

¹ As presented in AFB/PPRC.33/40 Annex 1.

² The proposal should include a detailed budget with budget notes indicating the break-down of costs at the activity level. It should also include a budget on the Implementing Entity management fee use.

	Stakeholder workshops organized.		data collection 6000 USD, Three national level consultation workshops (one per country) for line ministries, key development partners and private sector stakeholders @ 3000 USD (USD1,000 each)
Stakeholder consultations for validation of fully fledged proposal	Full proposal endorsed by key stakeholders; target locations approved; national executive agencies selected.	3,273	One validation workshop regional
Total project formulation grant		27,273	
Implementing Entity Fees (10%)	IE admin and technical support for project development, monitoring and supervision Compliance assurance	2,727	Covers UNIDO's fiduciary supervision, reporting, procurement oversight, risk management and ESS compliance during PFG implementation.
Total Project Formulation Grant		30,000	

For development of a full proposal, a team of technical experts (tentatively two technical experts each for one working month) will be hired to conduct field missions, collect primary data, interview with key stakeholders and beneficiaries and organize focus group discussions and stakeholder consultation workshops.

The full proposal will include key baselines in target locations, beneficiary groups, fisheries value chains and climate vulnerabilities.

In addition, this preparatory work will result in mapping potential target locations based on the severity of their climate change vulnerabilities and need for capacity building.

Based on technical assessments and focus group discussions, the climate resilience pathways will be identified in target locations and project interventions will be detailed in collaboration with regional and national executive agencies, stakeholders and beneficiaries.

The project preparation team will also map ongoing and planned public sector, donor and private sector funded interventions to identify opportunities and needs for coordination and synergies.

A full project proposal will be drafted based on the result of above activities which will be then presented for validation and endorsement at national and regional level, before submission to the Adaptation Fund.

C. Implementing Entity

This request has been prepared in accordance with the Adaptation Fund Board's procedures and meets the Adaptation Fund's criteria for project identification and formulation

Implementing Entity Coordinator, IE Name	Ms. Ganna Onysko Senior GEF, GCF, AF Coordinator Division of Funding Partner Relations Directorate of Global Partnerships and External Relations United Nations Industrial Development Organization - UNIDO Implementing Entity Coordinator Implementing Entity Coordinator		
Signature		Date (Month, day, year)	28 November 2025
Project Contact Person	Mr. BAHRAMALIAN, Nima +43 1 26026 3746 n.bahramalian@unido.org		
Telephone	Work Phone: +43 1 26026 3708		
Email Address	g.onysko@unido.org CC: gef@unido.org / glo@unido.org / f.haidara@unido.org		