



ADAPTATION FUND

AFB/PPRC.31/39
13 March 2023

Adaptation Fund Board
Project and Programme Review Committee
Thirty-first Meeting
Bonn, Germany, 21-22 March 2023

Agenda Item 6 f)

PROPOSAL FOR HONDURAS, EL SALVADOR, GUATEMALA

Background

1. The strategic priorities, policies and guidelines of the Adaptation Fund (the Fund), as well as its operational policies and guidelines include provisions for funding projects and programmes at the regional, i.e., transnational level. However, the Fund has thus far not funded such projects and programmes.

2. The Adaptation Fund Board (the Board), as well as its Project and Programme Review Committee (PPRC) and Ethics and Finance Committee (EFC) considered issues related to regional projects and programmes on a number of occasions between the Board's fourteenth and twenty-first meetings but the Board did not make decisions for the purpose of inviting proposals for such projects. Indeed, in its fourteenth meeting, the Board decided to:

- (c) Request the secretariat to send a letter to any accredited regional implementing entities informing them that they could present a country project/programme but not a regional project/programme until a decision had been taken by the Board, and that they would be provided with further information pursuant to that decision*

(Decision B.14/25 (c))

3. At its eighth meeting in March 2012, the PPRC came up with recommendations on certain definitions related to regional projects and programmes. However, as the subsequent seventeenth Board meeting took a different strategic approach to the overall question of regional projects and programmes, these PPRC recommendations were not included in a Board decision.

4. At its twenty-fourth meeting, the Board heard a presentation from the coordinator of the working group set up by decision B.17/20 and tasked with following up on the issue of regional projects and programmes. She circulated a recommendation prepared by the working group, for the consideration by the Board, and the Board decided:

- (a) To initiate steps to launch a pilot programme on regional projects and programmes, not to exceed US\$ 30 million;*
- (b) That the pilot programme on regional projects and programmes will be outside of the consideration of the 50 per cent cap on multilateral implementing entities (MIEs) and the country cap;*
- (c) That regional implementing entities (RIEs) and MIEs that partner with national implementing entities (NIEs) or other national institutions would be eligible for this pilot programme, and*
- (d) To request the secretariat to prepare for the consideration of the Board, before the twenty-fifth meeting of the Board or intersessionally, under the guidance of the working*

group set up under decision B.17/20, a proposal for such a pilot programme based on consultations with contributors, MIEs, RIEs, the Adaptation Committee, the Climate Technology Centre and Network (CTCN), the Least Developed Countries Expert Group (LEG), and other relevant bodies, as appropriate, and in that proposal make a recommendation on possible options on approaches, procedures and priority areas for the implementation of the pilot programme.

(Decision B.24/30)

5. The proposal requested under (d) of the decision above was prepared by the secretariat and submitted to the Board in its twenty-fifth meeting, and the Board decided to:

- (a) Approve the pilot programme on regional projects and programmes, as contained in document AFB/B.25/6/Rev.2;*
- (b) Set a cap of US\$ 30 million for the programme;*
- (c) Request the secretariat to issue a call for regional project and programme proposals for consideration by the Board in its twenty-sixth meeting; and*
- (d) Request the secretariat to continue discussions with the Climate Technology Center and Network (CTCN) towards operationalizing, during the implementation of the pilot programme on regional projects and programmes, the Synergy Option 2 on knowledge management proposed by CTCN and included in Annex III of the document AFB/B.25/6/Rev.2.*

(Decision B.25/28)

6. Based on the Board Decision B.25/28, the first call for regional project and programme proposals was issued and an invitation letter to eligible Parties to submit project and programme proposals to the Fund was sent out on 5 May 2015.

7. At its twenty-sixth meeting the Board decided to request the secretariat to inform the Multilateral Implementing Entities and Regional Implementing Entities that the call for proposals under the Pilot Programme for Regional Projects and Programmes is still open and to encourage them to submit proposals to the Board at its 27th meeting, bearing in mind the cap established by Decision B.25/26.

(Decision B.26/3)

8. At its twenty-seventh meeting the Board decided to:

- (a) Continue consideration of regional project and programme proposals under the pilot programme, while reminding the implementing entities that the amount set aside for the pilot programme is US\$ 30 million;*
- (b) Request the secretariat to prepare for consideration by the Project and Programme Review Committee at its nineteenth meeting, a proposal for prioritization among*

regional project/programme proposals, including for awarding project formulation grants, and for establishment of a pipeline; and

(c) Consider the matter of the pilot programme for regional projects and programmes at its twenty-eighth meeting.

(Decision B.27/5)

9. The proposal requested in (b) above was presented to the nineteenth meeting of the PPRC as document AFB/PPRC.19/5. The Board subsequently decided:

(a) With regard to the pilot programme approved by decision B.25/28:

(i) To prioritize the four projects and 10 project formulation grants as follows:

- 1. If the proposals recommended to be funded in a given meeting of the PPRC do not exceed the available slots under the pilot programme, all those proposals would be submitted to the Board for funding;*
- 2. If the proposals recommended to be funded in a given meeting of the PPRC do exceed the available slots under the pilot programme, the proposals to be funded under the pilot programme would be prioritized so that the total number of projects and project formulation grants (PFGs) under the programme maximizes the total diversity of projects/PFGs. This would be done using a three-tier prioritization system: so that the proposals in relatively less funded sectors would be prioritized as the first level of prioritization. If there are more than one proposal in the same sector: the proposals in relatively less funded regions are prioritized as the second level of prioritization. If there are more than one proposal in the same region, the proposals submitted by relatively less represented implementing entity would be prioritized as the third level of prioritization;*

(ii) To request the secretariat to report on the progress and experiences of the pilot programme to the PPRC at its twenty-third meeting; and

(b) With regard to financing regional proposals beyond the pilot programme referred to above:

- (i) To continue considering regional proposals for funding, within the two categories originally described in document AFB/B.25/6/Rev.2: ones requesting up to US\$ 14 million, and others requesting up to US\$ 5 million, subject to review of the regional programme;*
- (ii) To establish two pipelines for technically cleared regional proposals: one for proposals up to US\$ 14 million and the other for proposals up to US\$ 5 million, and place any technically cleared regional proposals, in those pipelines, in the*

order described in decision B.17/19 (their date of recommendation by the PPRC, their submission date, their lower “net” cost); and

- (iii) *To fund projects from the two pipelines, using funds available for the respective types of implementing entities, so that the maximum number of or maximum total funding for projects and project formulation grants to be approved each fiscal year will be outlined at the time of approving the annual work plan of the Board.*

(Decision B.28/1)

10. At its twenty-ninth meeting, having considered the comments and recommendation of the Project and Programme Review Committee, the Adaptation Fund Board decided:

- (a) *To include in its work plan for fiscal year 2018 a program of work amounting to US\$ 30 million for the funding of regional project and programme proposals, as follows:*
 - (i) *Up to three proposals requesting up to US\$ 5 million for funding;*
 - (ii) *One proposal requesting up to US\$ 14 million of funding;*
 - (iii) *Up to five project formulation grant (PFG) requests, of up to US\$ 100,000 each, for preparing project and programme concepts or fully-developed project documents requesting up to US\$ 5 million of funding;*
 - (iv) *Up to five project formulation grant (PFG) requests, of up to US\$ 100,000 each, for preparing project and programme concepts or fully-developed project documents requesting up to US\$ 14 million of funding.*

(Decision B.29/4)

11. At its thirty-first meeting, having considered the comments and recommendation of the Project and Programme Review Committee, the Adaptation Fund Board (the Board) decided:

- (a) *To merge the two pipelines for technically cleared regional proposals established in decision B.28/1(b)(ii), so that starting in fiscal year 2019 the provisional amount of funding for regional proposals would be allocated without distinction between the two categories originally described in document AFB/B.25/6/Rev.2, and that the funding of regional proposals would be established on a ‘first come, first served’ basis; and*
- (b) *To include in its work programme for fiscal year 2019 provision of an amount of US\$ 60 million for the funding of regional project and programme proposals, as follows:*

- (i) *Up to US\$ 59 million to be used for funding regional project and programme proposals in the two categories of regional projects and programmes: ones requesting up to US \$14 million, and others requesting up to US\$ 5 million; and*
- (ii) *Up to US\$ 1 million for funding project formulation grant requests for preparing regional project and programme concepts or fully-developed project and programme documents.*

(Decision B.31/3)

12. According to the Board Decision B.12/10, a project or programme proposal needs to be received by the secretariat no less than nine weeks before a Board meeting, in order to be considered by the Board in that meeting.

13. The following project pre-concept document titled “Building resilience of urban communities in Central America by leveraging Nature-based Solutions (NbS) for adaptation” was submitted for Honduras, El Salvador and Guatemala by the United Nations Environment Programme (UNEP), which is a Multilateral Implementing Entity of the Adaptation Fund.

14. This is the first submission of the regional project pre-concept proposal using the three-submission process.

The current submission was received by the secretariat in time to be considered in the fortieth Board meeting. The secretariat carried out a technical review of the project proposal, with the diary number AF00000338 and completed a review sheet.

15. In accordance with a request to the secretariat made by the Board in its 10th meeting, the secretariat shared this review sheet with UNEP and offered it the opportunity of providing responses before the review sheet was sent to the PPRC.

16. The secretariat is submitting to the PPRC the summary and, pursuant to decision B.17/15, the final technical review of the project, both prepared by the secretariat, along with the final submission of the proposal in the following section. In accordance with decision B.25.15, the proposal is submitted with changes between the initial submission and the revised version highlighted.



ADAPTATION FUND

ADAPTATION FUND BOARD SECRETARIAT TECHNICAL REVIEW OF PROJECT/PROGRAMME PROPOSAL

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

Countries/Region: Honduras, El Salvador, Guatemala
Project Title: Building resilience of urban communities in Central America by leveraging Nature-based Solutions (NbS) for adaptation
Thematic focal area: Disaster risk reduction and early warning systems
Implementing Entity: UNEP
Executing Entities: Ministry of Environment and Natural Resources, El Salvador; Ministry of Environment and Natural Resources, Guatemala; Secretariat of Natural Resources and Environment, Honduras
AF Project ID: AF00000338
IE Project ID: **Requested Financing from Adaptation Fund (US Dollars):** 14,000,000.00
Reviewer and contact person: Neranda Maurice-George **Co-reviewer(s):** Esteban Forn
IE Contact Person(s):

<p>Technical Summary</p>	<p>The Project “Building resilience of urban communities in Central America by leveraging Nature-based Solutions (NbS) for adaptation” aims to address the interlinked challenges of climate change and urbanization by implementing and upscaling NbS to reduce urban climate risks, enhance climate resilience of the communities, provide sustainable and inclusive livelihood opportunities, and build institutional capacity. This will be done through the four components below:</p> <p><u>Component 1:</u> Increasing the capacities of municipal governments and relevant local actors to plan and manage urban climate risks and vulnerabilities by the design and adoption of NbS (USD 1,200,000);</p> <p><u>Component 2:</u> Increasing the resilience of citizens, critical urban infrastructure and basic services by improving awareness, ownership and capacities to respond to climate change, including to operate, maintain and replicate urban NbS (USD 7,760,000);</p> <p><u>Component 3:</u> Designing sustainable financial plans to scale up the implementation of Nature-based urban planning (USD 850,000);</p>
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	<p>Component 4: Improving local, national and regional ownership and knowledge to increase urban climate resilience in the region by establishing an academy for ecosystem-based urban adaptation planning to foster South-South learning and collaboration (USD 1,650,000).</p> <p><u>Requested financing overview:</u></p> <p>Project/Programme Execution Cost: USD 11,460,000</p> <p>Total Project/Programme Cost: USD 12,730,000</p> <p>Implementing Fee: USD 1,270,000</p> <p>Financing Requested: USD 14,000,000</p> <p>The proposal includes a request for a project formulation grant and/or project formulation assistance grant of USD 20,000.</p> <p>The initial technical review raises some issues, such as arrangements for project execution and involvement of agencies/groups; information on how the proposal is aligned with key national policies and, as is discussed in the four (4) Clarification Requests (CRs) and two (2) Corrective Action Request (CAR) raised in the review.</p> <p>The final technical review finds that the revised proposal addressed the CR and CAR request to a sufficient level for this stage of the proposal.</p>
Date	29 February 2023

Review Criteria	Questions	Comments Initial Technical Review	Comments Final Technical Review
Country Eligibility	1. Are all of the participating countries party to the Kyoto Protocol, or the Paris Agreement?	Yes.	-
	2. Are all of the participating countries developing countries particularly vulnerable to the	Yes. All three participating countries are vulnerable to climate change. Specific climate change impacts in the project	-

	adverse effects of climate change?	area include changes in runoff, nutrient enrichment, sediment loading, and evapotranspiration rates in the watershed system. Cities dependent on the watershed dynamics, are particularly exposed to those impacts.	
Project Eligibility	1. Have the designated government authorities for the Adaptation Fund from each of the participating countries endorsed the project/programme?	Yes. As per the Endorsement letters dated 26 th July 2022 for El Salvador; 8 th August 2022 for Guatemala and 1 st August 2022 for Honduras.	-
	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?	Yes. The proposal outlines the problems associated with mass migration to the peri-urban and marginal city areas and the impacts that climate can have in exacerbating the vulnerabilities faced by these migrants. These settlers are at high risk of flooding and landslides, for example in ravines, on hillsides, along rivers or near landfills. The unplanned and rapid urban extension does not integrate possible climate change impacts in the three participating countries: La Lima, San Manuel and Quimistan in Honduras; San Salvador Metropolitan Area – AMSS (Soyapango and Ilopango) and San Miguel for El Salvador and Guatemala City Metropolitan, Escuintla and Port San Jose in Guatemala.	CR1: Cleared. As per the additional information provided on page 5.

		CR1: The proposal indicates that three cities will be targeted in each of the participating countries, but Table 1 only presents two areas (one repeated) for El Salvador. Please correct.	
	3. Have the project/programme objectives, components and financing been clearly explained?	<p>Yes.</p> <p>CR2: Please correctly state AFs Outcome 4 at paragraph 16.</p> <p>CR3: To further strengthen the proposal it would be useful to present an estimate (based on previous projects) on the scale or number of interventions the project intends to implement as part of Component 2. Additionally, please clarify, how do the adoption of the Urban Adaptation Financing Framework by the participating countries will be achieved.</p>	<p>CR2: Cleared.</p> <p>As per the amendment on page 16.</p> <p>CR3: Cleared.</p> <p>As per additional information provided in the review sheet.</p>
	4. Has the project/programme been justified in terms of how: <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? 	<p>Yes.</p> <p>The project supports concrete adaptation actions primarily through component 2. Paragraph 22 makes the case for the regional cost effectiveness of the proposal and the added value of the regional approach. The proposal provides innovative solution to the challenges that are exacerbated by climate change in these peri urban and marginal city areas. Additionally, the proposal incorporates learning and knowledge management, was developed through consultation with</p>	<p>CAR1: Cleared.</p> <p>As per information in the response sheet and pages 9-10.</p>

	<ul style="list-style-type: none"> - 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>“national entities, in particular the technical teams of the Ministries of Environment in each of the three countries... and discussed with selected cities”. The pre-concept indicates that “concept development will include an initial review of environmental and social impacts, which will be further developed during full proposal formulation into an Environmental and Social Management Framework, as well as a Gender Plan, in line with the Environmental and Social policy of the Adaptation Fund, respecting Free, Prior, and Informed Consent (FPIC) at all levels.”</p> <p>CAR1: Please outline how the proposed interventions are consistent with applicable national strategies and plans.</p> <p>Although not specifically stated, the project can contribute to the thematic focal area Disaster risk reduction and early warning systems.</p>	
	<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</p>	<p>No.</p> <p>The Ministry of Environment and Natural Resources, El Salvador; Ministry of Environment and Natural Resources, Guatemala; and Secretariat of Natural Resources and Environment in Honduras, have been identified as executing entities but not further information is presented within the narrative of the various sections of</p>	<p>CAR2: Cleared.</p> <p>As per the additional information provided on page 12.</p>

	possible, national implementing entities (NIEs) would be involved as partners in the project?	the proposal. As part of the implementation arrangements, the proposal mentions that local execution of the project will be conducted by “NGOs, associations, and community groups.” However, no details are provided on the potential local executors. CAR2: Please provide information to allow for an assessment of the involvement of the various agencies in the project.	
Resource Availability	6. Is the requested project / programme funding within the funding windows of the programme for regional projects/programmes?	Yes.	-
	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. The Implementing Entity Management Fee is at 9.9% of the project/programme cost and the Project Execution Costs are at or below 10% of the project/programme cost. The IE is not serving as EE and the Executing Entity fee is at 9.9%. However, the figures don't add up – USD\$1,270,000.00 is recorded as the total project finance while it should be USD\$12, 730,000.00. CR4: Please correct the budget figures in the programme components and financing table.	CR4: Cleared. As per amendment on page 7.

Eligibility of IE	8. Is the project/programme submitted through an eligible Implementing Entity that has been accredited by the Board?	Yes. UNEP is an accredited Multilateral Implementing Entity.	-
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ADAPTATION FUND

ADAPTATION FUND BOARD SECRETARIAT TECHNICAL REVIEW OF PROJECT/PROGRAMME PROPOSAL

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

Countries/Region: Honduras, El Salvador, Guatemala
Project Title: Building resilience of urban communities in Central America by leveraging Nature-based Solutions (NbS) for adaptation
Thematic focal area: Disaster risk reduction and early warning systems
Implementing Entity: UNEP
Executing Entities: Ministry of Environment and Natural Resources, El Salvador; Ministry of Environment and Natural Resources, Guatemala; Secretariat of Natural Resources and Environment, Honduras
AF Project ID: AF00000338
IE Project ID: **Requested Financing from Adaptation Fund (US Dollars):** 14,000,000.00
Reviewer and contact person: Neranda Maurice-George **Co-reviewer(s):** Esteban Forn
IE Contact Person(s):

Technical Summary

The Project “Building resilience of urban communities in Central America by leveraging Nature-based Solutions (NbS) for adaptation” aims to address the interlinked challenges of climate change and urbanization by implementing and upscaling NbS to reduce urban climate risks, enhance climate resilience of the communities, provide sustainable and inclusive livelihood opportunities, and build institutional capacity. This will be done through the four components below:

Component 1: Increasing the capacities of municipal governments and relevant local actors to plan and manage urban climate risks and vulnerabilities by the design and adoption of NbS (USD 1,200,000);

Component 2: Increasing the resilience of citizens, critical urban infrastructure and basic services by improving awareness, ownership and capacities to respond to climate change, including to operate, maintain and replicate urban NbS (USD 7,760,000);

Component 3: Designing sustainable financial plans to scale up the implementation of Nature-based urban planning (USD 850,000);

	<p>Component 4: Improving local, national and regional ownership and knowledge to increase urban climate resilience in the region by establishing an academy for ecosystem-based urban adaptation planning to foster South-South learning and collaboration (USD 1,650,000).</p> <p><u>Requested financing overview:</u></p> <p>Project/Programme Execution Cost: USD 11,460,000</p> <p>Total Project/Programme Cost: USD 12,730,000</p> <p>Implementing Fee: USD 1,270,000</p> <p>Financing Requested: USD 14,000,000</p> <p>The proposal includes a request for a project formulation grant and/or project formulation assistance grant of USD 20,000.</p> <p>The initial technical review raises some issues, such as arrangements for project execution and involvement of agencies/groups; information on how the proposal is aligned with key national policies and , as is discussed in the four (4) Clarification Requests (CRs) and two (2) Corrective Action Request (CAR) raised in the review.</p>
Date	29 January 2023

Review Criteria	Questions	Comments
Country Eligibility	1. Are all of the participating countries party to the Kyoto Protocol, or the Paris Agreement?	Yes.
	2. Are all of the participating countries developing countries particularly vulnerable to the adverse effects of climate change?	Yes. All three participating countries are vulnerable to climate change. Specific climate change impacts in the project area include changes in runoff, nutrient enrichment, sediment loading, and evapotranspiration rates in the watershed system. Cities dependent on the watershed dynamics, are particularly exposed to those impacts.
Project Eligibility	1. Have the designated government authorities for the Adaptation Fund from each of the	Yes.

	<p>participating countries endorsed the project/programme?</p>	<p>As per the Endorsement letters dated 26th July 2022 for El Salvador; 8th August 2022 for Guatemala and 1st August 2022 for Honduras.</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.</p> <p>The proposal outlines the problems associated with mass migration to the peri-urban and marginal city areas and the impacts that climate can have in exacerbating the vulnerabilities faced by these migrants. These settlers are at high risk of flooding and landslides, for example in ravines, on hillsides, along rivers or near landfills. The unplanned and rapid urban extension does not integrate possible climate change impacts in the three participating countries: La Lima, San Manuel and Quimistan in Honduras; San Salvador Metropolitan Area – AMSS (Soyapango and Ilopango) and San Miguel for El Salvador and Guatemala City Metropolitan, Escuintla and Port San Jose in Guatemala.</p> <p>CR1: The proposal indicates that three cities will be targeted in each of the participating countries, but Table 1 only presents two areas (one repeated) for El Salvador. Please correct.</p> <p>CR1-R: The 3rd city for El Salvador is La Libertad. It has been corrected in Table 1 accordingly.</p>
	<p>3. Have the project/programme objectives, components and financing been clearly explained?</p>	<p>Yes.</p> <p>CR2: Please correctly state AFs Outcome 4 at paragraph 16.</p> <p>CR2-R: Well noted and corrected to ‘Outcome 4 (Increased adaptive capacity within relevant development sector services and infrastructure assets)’</p> <p>CR3: To further strengthen the proposal it would be useful to present an estimate (based on previous projects) on the scale or number of interventions the project intends to implement as part of Component 2. Additionally, please clarify, how do</p>

the adoption of the Urban Adaptation Financing Framework by the participating countries will be achieved.

CR3-Ra: The number and scale of the NbS interventions for each city and surrounding area will depend on (i) prioritized climate risks; (ii) identified opportunities for restoration/reforestation; (iii) prioritization of local authorities; and (iv) urban land availability. All these factors and relevant criteria will be analysed in more detail during the development of the concept note and full proposal. Nevertheless, based on the experience with CityAdapt in a Municipality in San Salvador Metropolitan Area, it is envisioned that the project with similar budget per city (USD 850,000) would be able to invest in a combination of restoration/reforestation and green infrastructure interventions, which may include: (a) Planting 10,000 trees (native species) in urban areas (roundabouts, sidewalks and green areas), (b) ten urban school gardens; (c) 1,000 m² of permeable pavements; (d) 54 m³ rain gardens; (e) retention ponds (5m*10m*2m); (f) ten water harvesting systems for schools, (g) restoration of urban rivers and gullies, and (f) restoration of peri-urban forest and agricultural areas key for water recharge and erosion control. This is a preliminary estimation of the scope and scale of the interventions that may be considered for the cities under this project.

CR3-Rb: The Urban Adaptation Financing Framework refers to the adoption of a strategy to ensure cities integrate a process for a comprehensive identification of the adaptation needs, find/develop a financing mechanism to fund actions, and after that, allocate investments in urban infrastructure and development taking into consideration climate risk and NbS/resilient infrastructure as a preferred approach. The strategy will be informed by the work and expected results in the project cities in order to be adopted at a national level. The adoption of the strategy/framework will be incentivised

		<p>via (i) institutional capacity strengthening, (ii) alignment with national taxonomy for climate financing, (iii) identification for criteria for mainstreaming urban adaptation in finance regulations, (iv) analysis of financial instruments and engagement of key institutions and actors in the financial sector</p>
	<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.</p> <p>The project supports concrete adaptation actions primarily through component 2. Paragraph 22 makes the case for the regional cost effectiveness of the proposal and the added value of the regional approach. The proposal provides innovative solution to the challenges that are exacerbated by climate change in these peri urban and marginal city areas. Additionally, the proposal incorporates learning and knowledge management, was developed through consultation with “national entities, in particular the technical teams of the Ministries of Environment in each of the three countries... and discussed with selected cities”. The pre-concept indicates that “concept development will include an initial review of environmental and social impacts, which will be further developed during full proposal formulation into an Environmental and Social Management Framework, as well as a Gender Plan, in line with the Environmental and Social policy of the Adaptation Fund, respecting Free, Prior, and Informed Consent (FPIC) at all levels.”</p> <p>CAR1: Please outline how the proposed interventions are consistent with applicable national strategies and plans.</p> <p>Although not specifically stated, the project can contribute to the thematic focal area Disaster risk reduction and early warning systems.</p> <p>CAR1-R: UNEP has conducted policy analysis to identify alignment and contribution of the project to achieving national targets and objectives. Paragraph 23 was included to briefly describe the alignment with national strategies and Table 3</p>

		<p>outlines key contributions of the project to achieving the NDCs in the three countries.</p>
	<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>No.</p> <p>The Ministry of Environment and Natural Resources, El Salvador; Ministry of Environment and Natural Resources, Guatemala; and Secretariat of Natural Resources and Environment in Honduras, have been identified as executing entities but not further information is presented within the narrative of the various sections of the proposal. As part of the implementation arrangements, the proposal mentions that local execution of the project will be conducted by “NGOs, associations, and community groups.” However, no details are provided on the potential local executors.</p> <p>CAR2: Please provide information to allow for an assessment of the involvement of the various agencies in the project.</p> <p>CAR2-R: The project will work with local and regional agencies as implementing partners based on previous experience from CityAdapt and Nature4cities projects. Paragraphs 29 – 34 were included to provide clarification.</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>
	<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?</p>	<p>Yes.</p> <p>The Implementing Entity Management Fee is at 9.9% of the project/programme cost and the Project Execution Costs are at or below 10% of the project/programme cost. The IE is not serving as EE and the Executing Entity fee is at 9.9%.</p> <p>However, the figures don't add up – USD\$12,700.00 is recorded as the total project finance while it should be USD\$12, 730,000.00.</p>

		<p>CR4: Please correct the budget figures in the programme components and financing table.</p> <p>CR4-R: Well noted and corrected.</p>
Eligibility of IE	8. Is the project/programme submitted through an eligible Implementing Entity that has been accredited by the Board?	<p>Yes.</p> <p>UNEP is an accredited Multilateral Implementing Entity.</p>



PRE-CONCEPT FOR A REGIONAL PROJECT/PROGRAMME

PART I: PROJECT/PROGRAMME INFORMATION

Title of Project/Programme:	Building resilience of urban communities in Central America by leveraging Nature-based Solutions (NbS) for adaptation
Countries:	Honduras, El Salvador, Guatemala
Thematic Focal Area ¹ :	Disaster risk reduction and early warning systems
Type of Implementing Entity:	Multilateral Implementing Entity
Implementing Entity:	United Nations Environment Programme (UNEP)
Executing Entities:	<ul style="list-style-type: none"> • Ministry of Environment and Natural Resources, El Salvador • Ministry of Environment and Natural Resources, Guatemala • Secretariat of Natural Resources and Environment, Honduras
Amount of Financing Requested:	14,000,000 (in U.S Dollars Equivalent)

Project / Programme Background and Context:

Socio-economic context of cities in Central America

1. The Central American region is among the most exposed to climatic phenomena in the world² as well as one of the most unequal regions, with Gini coefficients of 38.8 in El Salvador, 48.2 in Honduras and 48.3 in Guatemala³. National poverty rates are 62% in Guatemala and 60% in Honduras. These are higher among rural populations – 82% in Honduras, 77% in Guatemala and 49% in El Salvador, disproportionately affecting indigenous populations.⁴
2. Countries in Northern Central America are undergoing an important transition, with urban populations increasing at accelerated speed, especially in intermediate cities, bringing pressing challenges as well as opportunities to boost sustained, inclusive and resilient growth.¹ Today, 59 percent of Central America’s population lives in urban areas, but it is expected that within the next generation 7 out of 10 people will live in cities, equivalent to adding 700,000 new urban residents every year. At current rates of urbanization, the region’s urban population will double in size by 2050, welcoming over 25 million new urban dwellers, calling for better infrastructure, higher coverage and quality of urban services and greater employment opportunities within a climate change context.⁵
3. Challenges stemming from climate variability, poor rainfall distribution and drought are key drivers for temporary and/or permanent migration, reflecting a response to environmental adversity. These migration dynamics generally originate from vulnerable and poor rural areas into urban areas contributing to the unplanned urban sprawl and particularly to the expansion of underserved and highly risky slums.³ The growth of urban areas in Northern Central America, including informal settlements, can increase exposure to climate hazards, including flooding and landslides, due to changes in land use, deforestation, and an increase in the population that is located in highly vulnerable



Figure 1. Map of project countries in Central America.

² ECLAC, 2015. *Microseguros agropecuarios y gestión integral de riesgos en Centroamérica y la República Dominicana: lineamientos estratégicos para su desarrollo y fortalecimiento*. ECLAC, Ciudad de México, México, 221 pp. Available at: <http://hdl.handle.net/11362/39115>.

³ World Bank, 2019. World Bank. (2019b). "Gini index (World Bank estimate) - El Salvador, Guatemala, Honduras." Website. Accessed 4-14-22/ <https://data.worldbank.org/indicator/SI.POV.GINI?locations=SV-GT-HN>.

⁴ BCIE, 2020. BCIE, 2020: *Centroamérica en Cifras*. Banco Centroamericano de Integración Económica, Tegucigalpa, Honduras, 34 pp. Available at: <https://www.bcie.org/novedades/publicaciones/publicacion/centroamerica-en-cifras>

⁵ World Bank, 2016, Central America Urbanization Review - Making Cities Work for Central America

areas.⁶ Much of the urban infrastructure is in poor condition, and will be strained by climate impacts such as extreme precipitation and heat events. How the cities in Honduras, Guatemala and El Salvador prepare for growth in a changing climate will impact their economic and security trajectories.

Climate change context

4. The World Risk Index 2021 ranks Guatemala 10th, El Salvador 18th, and Honduras 34th out of 181 countries in terms of disaster risk⁷ and the number of extreme weather events in Central America has increased 3% per year over the past 30 years.⁸ The latest Intergovernmental Panel on Climate Change Assessment Report (IPCC - AR6)⁹ identifies Central America as the most sensitive tropical region to climate change. As such, Guatemala, Honduras and El Salvador face common challenges regarding climate change impacts in their territories. Cities in Honduras, Guatemala and El Salvador are highly vulnerable to climate change impacts, due to unplanned and rapid urban expansion, where construction has not integrated any possible climate impacts.
5. Trends of increasing surface temperatures and variability of rainfall could impact the hydrologic cycle and various processes of a watershed system. Specific potential impacts include changes in runoff, nutrient enrichment, sediment loading, and evapotranspiration rates in a watershed system.¹⁰ As part of watershed systems and dependent on the watershed dynamics, cities are particularly exposed to those impacts. The exposure to climate hazards, such as fluvial flooding, urban flooding, coastal flooding and heat waves, extreme rainfall and storms, combined with rapid urbanization and lack of climate-sensitive planning, is taking a toll on urban communities, including marginalized urban populations, infrastructure and services. Climate projections show that urban areas in the region are expected to be exposed at higher climate-related trends and thus, a greater number of the urban population will become vulnerable due to the increase of inequality and poverty.¹¹
6. **Past climate trends:** Past climate trends in the project countries show that the Central America region climate is changing in several ways, including: i) increase in temperature and ii) shifting rainfall patterns and anomalies. The average rate of temperature increase in the region was around 0.2 °C per decade between 1991 and 2021, compared to 0.1 °C per decade between 1961 and 1990. Anomalies of +1 °C to +3 °C were recorded in Guatemala, Honduras and El Salvador, while rainfall anomalies ranged from 50% below normal to 20% above normal.¹² In most parts of the region rain seasons are shortening and the intensity of midsummer droughts¹³ is increasing¹⁴. Droughts that extend over a year or more are also becoming increasingly frequent and severe, mainly because of the increasing frequency and intensity of El Niño events. Concurrently, extreme rainfall events are increasing in frequency and severity because of changes in La Niña.
7. **Climate projections:** Climate projections for the region indicate that, by the end of the century, temperatures across Central America are anticipated to continue to increase in future. By the end of the century, temperatures are projected to increase by 3–3.5°C under a medium emissions scenario (RCP4.5) and by as much as 6–7°C under a high emissions scenario (RCP8.5)¹⁵. At the same time, mean annual rainfall is projected to decrease by 11% on average. These changes will be compounded by further changes in the El Niño-La Niña cycle, which will result in prolonged droughts¹⁶ as well as more frequent and intense extreme rainfall events across the region. Mean annual rainfall is projected to decrease across much of Central America by 2070 for both medium (RCP4.5) and high (RCP8.5) emissions scenarios. In addition to the predicted future trends in mean annual temperature and rainfall, extreme temperatures are predicted to increase in the coming decades (Figure 2). The number of intense rainfall events¹⁷ and extremely intense rainfall events¹⁸ occurring each year is predicted to increase (Figure 3).

⁶ Villamarín et al., 2019; CONAVI, 2017

⁷ Aleksandrova et al., 2021

⁸ IPCC, 2022. [Sixth Assessment Report: Impacts, Adaptation and Vulnerability](https://www.ipcc.ch/report/sixth-assessment-report-working-group-ii/). <https://www.ipcc.ch/report/sixth-assessment-report-working-group-ii/>

⁹ IPCC, 2022. *Ibid.*

¹⁰ Evans B, Lehning D, Corradini K, Petersen G, Nizeyimana E, Hamlett J, Robillard P, Day R (2003) A comprehensive GIS-based modeling approach for predicting nutrient loads in watersheds. *J Spatial Hydrol* 2(2):1–18

¹¹ IPCC, 2022. *Ibid.*

¹² WMO, 2022. State of the Climate in Latin America and the Caribbean 2021. https://library.wmo.int/doc_num.php?explnum_id=11270

¹³ The rain season in the Dry Corridor lasts from May to October, interrupted in August by a period of lower precipitation known as the mid-summer drought, *canicula* or *veranillo*.

¹⁴ Rauscher et al., 2008. Extension and intensification of the Meso-American mid-summer drought in the twenty-first century. *Climate Dynamics* 31:

¹⁵ Lyra, A., Imbach, P., Rodríguez, D. et al. 2017. Projections of climate change impacts on Central America tropical rainforest. *Climatic Change* 141.

¹⁶ Rauscher, S.A., Giorgi, F., Diffenbaugh, N.S. et al. Extension and Intensification of the Meso-American mid-summer drought in the twenty-first century. *Clim Dyn* 31, 551–571 (2008).

¹⁷ Heavy rainfall events are defined as those in which rainfall reaches 50 mm per day.

¹⁸ Extremely heavy rainfall events are defined as those in which rainfall exceeds 50 mm per day.

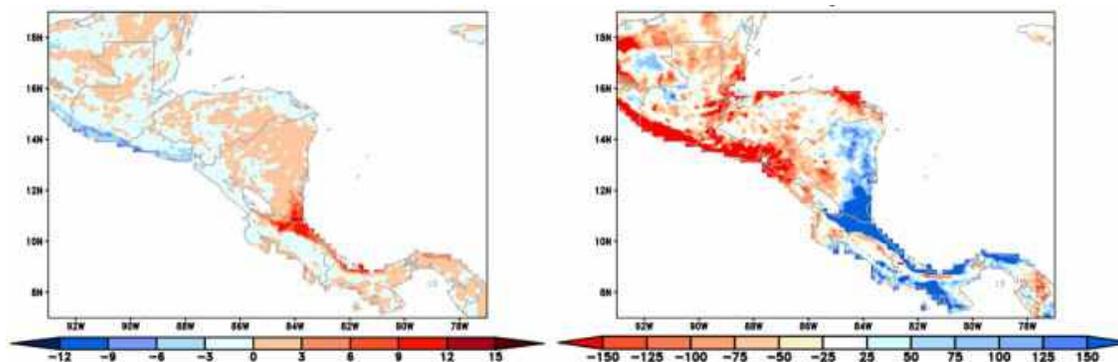


Figure 2. Projected trends of extreme rainfall indicators for Central America over the period 2021–2050, namely: i) R50mm (days) – heavy rainfall events, where rainfall exceeds 50 mm/day (left); and ii) R90p (mm) – extreme (90th percentile of) rainfall (right).

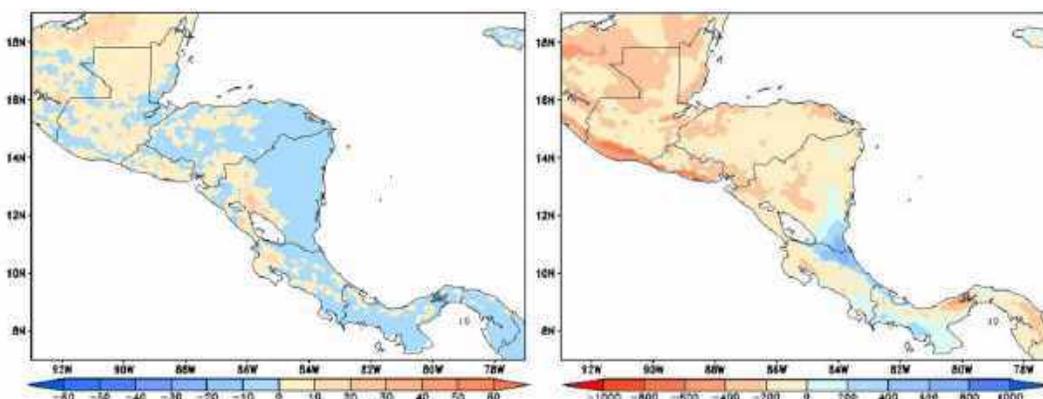


Figure 3. Projected trends of drought indicators for Central America over the period 2021–2050, namely: i) dry spells, defined as annual largest number of consecutive days when $ET \leq 0.5 \cdot ETP$ (left); and ii) annual $P-ETP$ in (mm per year, right).

8. **Climate hazards:** Central America's geographic location makes it remarkably prone to hydrometeorological extreme events, including hurricanes, droughts, floods, and El Niño-Southern Oscillation (ENSO). Just from 1992 to 2011, Central America was hit by nearly 70 hurricanes with an average of 8 events per year, hindering sustainable economic growth. Between 2005 and 2014, due to natural disasters, the region had a nominal cumulative loss of around US\$5.8 billion, and witnessed more than 3,410 deaths and hundreds of thousands of displaced people.¹⁹ Catastrophic climatic events recently include the 2014–2016 droughts, and the flooding following Hurricanes Eta and Iota that hit Central America within a two-week span in 2020. The later affected 7.5 million people and destroyed over 700,000 ha of crops, which had a devastating effect, especially on farmers' livelihoods in El Salvador, Guatemala, and Honduras, impacting their food security and potentially encouraging migration.²⁰ In Honduras alone, over 3 million people are now suffering from food insecurity, and 2.8 million people are still in need of humanitarian assistance. In 2020, at least 1.5 million people were displaced in Central America as a consequence of disasters, (including Hurricanes Eta and Iota): 937,000 in Honduras, 339,000 in Guatemala.²¹ In particular, urban flooding is directly damaging public assets, affecting people's homes and assets, and destroying livelihoods.
9. **Climate impacts in cities:** Climate change causes cascade of impacts at different scales including watershed, urban and socio-economic scales. Key direct and indirect impacts include: i) reduced access to food supplies or high prices of food resulting in food insecurity; ii) disrupted access to basic services such as water and sanitation; iii) decreased water quality as a result of increasing pollution in rivers and other water ways; iv) damage on critical infrastructure such bridges, highways, hospitals, etc.; and v) loss of lives and livelihoods, vi) health impacts, among others.²⁶ Ecosystem degradation and the consequent threats to the well-being of urban communities in the region will be exacerbated by the negative effects of climate change. Figure 8 shows the climate impacts chain with cascading impacts.

¹⁹ The World Bank, 2016. Weathering Storms Understanding the Impact of Natural Disasters on the Poor in Central America. Disponible: <https://openknowledge.worldbank.org/bitstream/handle/10986/24528/Weathering0sto0r0in0Central0America.pdf?sequence=1&isAllowed=y>

²⁰ IRFC, 2021. [Press Release](#)

²¹ IRFC, 2021. Ibid.

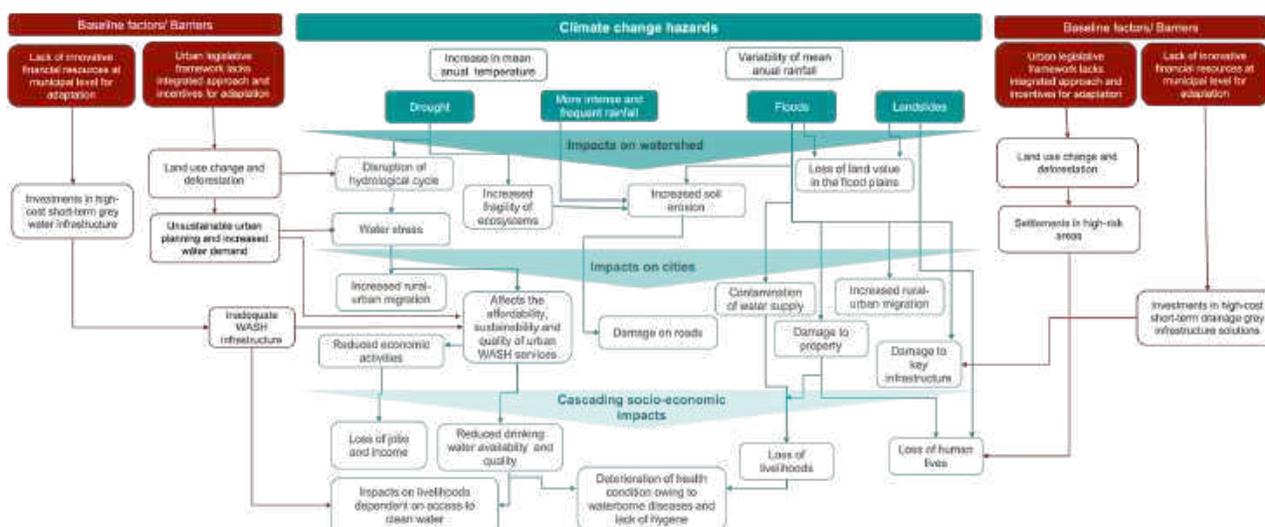


Figure 4. Climate change cascading impact chain at watershed and urban scale.

10. In the last three decades, the economic losses due to climate change have accounted for USD 5.7 billion in Honduras, USD 3.5 billion in Guatemala and USD 2.2 billion in El Salvador, with infrastructure and agriculture being the most affected sectors. If ambitious and immediate measures are not implemented, these losses could account for 5.8% to 9% of the national GDP of these Central American Countries.²² Because of floods, people face job loss, reduced income, which limits their capabilities of preparedness, response, and recovery to subsequent floods. Often, people cope with the situation by bearing substantial debts and loss of assets. The project will be implemented in three cities in each of the countries – Honduras, Guatemala, and El Salvador. Table 1 provides a summary of these tentative cities, based on consultation with the Government of each country. During the concept note formulation phase, in-depth consultation for the validation of the pre-selected cities will be conducted. The selection criteria for the cities are detailed in Annex 1.

Table 1. Overview of tentative cities, key climate hazards affecting them and the associated impacts for urban communities.

Selected cities	Socio-economic context			Climate hazards ²³			
	Population (Year)	Annual growth rate	Poverty rate	Flooding	Extreme heat	Water shortage	Land slides
Honduras							
La Lima ^{24,25}	84,102 (2020)	1,18%	35%	high	high	low	n/a
San Manuel ^{26,27}	68,435 (2020)	3,6%	47%	high	high	low	n/a
Quimistán ²⁸	60,135 (2021)	4,3%	82%	high	high	medium	medium
El Salvador							
San Salvador Metropolitan Area - AMSS ²⁹ (Soyapango and Ilopango)	1,809,087 (2020)	1,38%	20,47%	high	medium	medium	high
San Miguel ³⁰	65,921 (2017)	n/a	30,6%	high	medium	medium	high

²² WFP 2017. Food security and emigration. Why people flee and the impact on family members left behind in El Salvador, Guatemala and Honduras

²³ ThinkHazard: <https://thinkhazard.org>

²⁴ Plan Municipal de Gestión de Riesgos, Municipio de La Lima, 2017

²⁵ Interviews with local stakeholders

²⁶ Plan Municipal de Gestión de Riesgos, Municipio de San Manuel, 2017.

²⁷ XVII Censo de Población y Vi de vivienda 2013, Municipio de San Manuel

²⁸ Plan Municipal de Gestión de Riesgos, Municipio de Quimistán, 2017.

²⁹ Esquema director AMSS, 2017

³⁰ Plan de desarrollo territorial de la subregión de San Miguel, Volumen 2 Diagnóstico Integrado

La Libertad ³¹	53,321 (2017)	0,43%	41,7%	high	medium	medium	high
Guatemala							
Guatemala City Metropolitan ³²	3,052,521 (2021)	-0.13%	33.3% ³³	high	high	high	medium
Escuintla	156,313 (2018)	3.84%	52.9%	high	medium	high	medium
Port San Jose	23,887 (2018)	2.03%	52.9%	high	medium	high	medium

11. *Drivers of climate vulnerability in urban areas:* Rapid urbanization in the three countries is characterized by the migration of population from rural areas, who settle in peri-urban and marginal areas of the cities at high risk of flooding and landslides, for example in ravines, on hillsides, along rivers or near landfills. These settlements are often informal and illegal, with irregular land tenure, use inadequate building materials and tend to lack basic services like water or sewer systems. In additions, the ineffective implementation of urban development plans, poverty and unsustainable use of resources in medium-sized cities in the region has led to the degradation of urban and peri-urban ecosystems and a decline in the provision of ecosystem services. These conditions are exacerbated by climate change leading to increased vulnerability and exposure of the urban population and economic assets.
12. Key climate hazards affecting the urban areas in the three countries include flooding, landslides, hurricanes, drought and extreme temperature. The associated impacts include: i) reduced access to food supplies or high prices of food resulting in food insecurity; ii) disrupted access to basic services such as water and sanitation; iii) decreased water quality as a result of increasing pollution in rivers and other water ways; iv) damage on critical infrastructure such as bridges, highways, hospitals, etc.; and v) loss of lives and livelihoods, among others.³⁴ Ecosystem degradation and the consequent threats to the well-being of urban communities in the region will be exacerbated by the negative effects of climate change. **The combination of rising vulnerability and increasing exposure translates to a growth in the number of people and properties at risk from climate change in the cities in the region.**

Problem statement and main barriers for the adoption of ecosystem-based urban adaptation planning

13. Poorly planned urbanisation in combination with climate change puts great pressure on ecosystems, urban communities and critical infrastructure, thus increasing the vulnerability of cities and escalating climate risks such as water scarcity and floods. Traditional approaches to urban development are ill-equipped to cope with the current and future climate change challenges. Thus, urban adaptation planning is constrained by short-term development agendas, lack of reliable information, local capacities, innovative decision support tools and financial strategies. Common adaptation barriers that the participant countries share are³⁵:
- **Barrier 1.** Lack of city-level robust information on climate risk and vulnerability and decision support tools to guide urban adaptation planning.
 - **Barrier 2.** Weak local institutional and community capacities for building resilience of cities via innovative integrated approaches
 - **Barrier 3.** Regulatory framework does not sufficiently incentivize municipalities, private sector actors and local communities to implement measures to adapt to climate change
 - **Barrier 4.** Insufficient funds and access to suitable financial resources for municipalities to invest in ecosystem-based urban adaptation strategies

Proposed adaptation approach: Ecosystem-based urban adaptation planning and climate-resilient infrastructure for cities

14. In response to climate change projections highlighting the increasing risks for cities, there is a need to build the resilience of cities and urban ecosystems so that they are better able to withstand climate stresses. The project will achieve such a change in paradigm by fostering the adoption of ecosystem-based urban adaptation strategies as the preferred model for urban planning and development. To maximise the ecosystem functionality, the urban ecosystem

³¹ Plan Estratégico Participativo PEP, Diagnóstico del Municipio de La Libertad

³² https://www.copresam.gob.gt/wp-content/uploads/2022/04/GUIA_PARA_LA_IMPLEMENTACION_DEL_PDM-OT_EN_GUATEMALA-1.pdf

³³ All poverty rates in Guatemala refer to department level poverty. Instituto Nacional de Estadística Guatemala, 2014

³⁴ IPCC, 2022. Sixth Assessment Report: Impacts, Adaptation and Vulnerability. <https://www.ipcc.ch/report/sixth-assessment-report-working-group-ii/>

³⁵ Schmalzbauer, A., 2018, Barriers and success factors for effectively co-creating nature-based solutions for urban regeneration. Deliverable 1.1.1, CLEVER Cities, H2020 grant no. 776604.

approach to adaptation should be the centre of urban planning processes, which are informed by climate risk data and ecosystem assessments. For example, this would entail avoiding construction in flood-prone zones and reducing the amount of runoff from upstream developments as well as enhancing water harvesting and storage capacity by i) implementing urban NbS interventions; ii) advocating policies that promote the use of permeable surfaces and rainwater harvesting; and iii) undertaking construction that facilitates infiltration and increases detention storage for flood reduction or enhanced water availability in cases of water scarcity. Such interventions should be integrated into designing new urban developments and retrofitting urban NbS into existing infrastructure when possible. The broader adoption of ecosystem-based urban adaptation strategies requires enhanced institutional and policy frameworks, tailored risk-informed urban planning tools and sustainable financial strategy to guide the selection of the most suitable and cost-effective adaptation interventions. This approach works at a system level, enhances connectivity and acts at multiple scales, each of which is central to progressing NbS in an urban context.

Project / Programme Objectives:

15. The project's objective is to address the interlinked challenges of climate change and urbanization by implementing and upscaling NbS to reduce urban climate risks, enhance climate resilience of the communities, provide sustainable and inclusive livelihood opportunities, and build institutional capacity. The project will incorporate new approaches to transform urban development traditional models into climate risk and ecosystem sensitive approaches and interventions using nature-based solutions (NbS). This objective will be achieved via:
- **Increasing the capacities of municipal governments and relevant local actors** to plan and manage urban climate risks and vulnerabilities by the design and adoption of NbS (*Component 1*).
 - **Increasing the resilience of citizens, critical urban infrastructure and basic services** by improving awareness, ownership and capacities to respond to climate change, including to operate, maintain and replicate urban NbS (*Component 2*).
 - **Designing sustainable financial plans** to scale up the implementation of Nature-based urban planning (*Component 3*).
 - **Improving local, national and regional ownership and knowledge to increase urban climate resilience in the region** by establishing an academy for ecosystem-based urban adaptation planning to foster South-South learning and collaboration (*Component 4*).
16. The project's objective is in alignment with the Adaptation Fund Results Framework, in particular Outcome 2 (Strengthened institutional capacity to reduce risks associated with climate-induced socioeconomic and environmental losses), Outcome 3 (Strengthened awareness and ownership of adaptation and climate risk reduction processes at local level) and Outcome 4 (**Increased adaptive capacity within relevant development sector services and infrastructure assets**).

Project / Programme Components and Financing

Project Components	Expected Outcomes	Expected Outputs	Countries	Amount (US\$)
1. Enhancing local and national technical capacities and policy framework for effective ecosystem-based urban adaptation planning	Strengthened local institutional capacity and improved climate information to reduce climate risks and losses in cities	1.1 Urban climate services and decision-support tools are developed and tested to guide urban planning processes and regulatory framework 1.2 Guidelines and metrics for assessment of urban "loss and damage" developed and validated 1.3 Local and provincial officials, local communities and other relevant stakeholders, have the skills to analyze and integrate climate risk factors in urban planning instruments and strategies. 1.4 National "Urban NbS for Resilience" Dialogues organized, and coordination and collaboration of diverse actors facilitated	El Salvador, Guatemala, Honduras	1,200,000 US\$
2. Implementing NbS interventions to build climate resilience of citizens,	Increased adaptive capacity of cities and ecosystems via implementation of	2.1 Ecosystem-based urban adaptation strategies are co-designed for nine cities with gender responsive and socially inclusive approaches	El Salvador, Guatemala, Honduras	7,760,000 US\$

critical urban infrastructure and basic services	ecosystem-based urban adaptation plans and NbS interventions	2.2 Local and national government officials, citizens, NGOs, academia, and private sector actors with enhanced capacities to design, implement and maintain NbS interventions. 2.3 NbS for adaptation are co-designed and implemented at different scales to address identified climate risks and reduce impacts in nine cities		
3. Designing and adopting urban adaptation financing plans	Municipalities have integrated climate risk in budget planification and increased their readiness to access adaptation financing and invest in climate resilient urban development	3.1 Guidelines and assessment of the adaptation finance gap in cities conducted and disseminated 3.2 Enhanced institutional capacities (public and private) in climate adaptation financing 3.3 Plans for innovative financing of the sustainability and upscaling of ecosystem-based urban adaptation strategies designed and adopted	El Salvador, Guatemala, Honduras	850,000 US\$
4. Advancing regional learning and knowledge management on urban NbS	Strengthened awareness and ownership on ecosystem-based urban adaptation at local and regional level.	4.1 Academy on ecosystem-based urban adaptation planning established with tools and material for trainings 4.2 City-to-city learning program enhances collaboration at local level for climate resilient planning 4.3 Three regional conferences at place to enhance south-south learning and promote project results.	El Salvador, Guatemala, Honduras	1,650,000 US\$
6. Project/Programme Execution cost				1,270,000 US\$
7. Total Project/Programme Cost				12,730,000 US\$
8. Project/Programme Cycle Management Fee charged by the Implementing Entity (if applicable)				1,270,000 US\$
Amount of Financing Requested				14,000,000 US\$

Project Duration: 5 years (60 months)

PART II: PROJECT / PROGRAMME JUSTIFICATION

17. A regional approach is critical for this project in Honduras, Guatemala and El Salvador to address common climate threats, urban development contexts and leverage opportunities for learning and upscaling ecosystem-based urban adaptation nationally and regionally. The regional approach will enable the synergy of action through a coordinated planning and implementation of activities and contribute to a comprehensive approach for achieving the goals of the Regional Plan for Implementation of the New Urban Agenda in Central America and the Dominican Republic³⁶. The project is designed in four components:
18. **Component 1. Enhancing local and national technical capacities and policy framework for effective ecosystem-based urban adaptation planning:** Climate change adaptation planning and investment in cities relies on both available and reliable information that describes present and future climate impacts and institutional capacities to interpret and use the information. Presently, such data and models are either not available for intermediate cities in Central America, or if they do exist, they are at coarse spatial resolutions that do not assist with planning interventions. This means that there is no baseline for short and long-term urban adaptation planning, which can be used in the future to gauge performance and/or track change of both green/green-grey/blue infrastructure for climate change adaptation. In parallel, there is a knowledge gap on approaches and metrics for accounting climate-related “loss and damage” at urban scale. This component will enhance the knowledge base via the generation of urban climate information services, which will be integrated in Decision Support Tools to urban adaptation planning. Experts from municipal and provincial authorities will gain the necessary skills to participate in the co-creation of the urban climate information services and decision-support tools. The results of the Component will include validated tools, also suitable for other cities and countries: (1) Urban risk-based and vulnerability assessments; (2) Hydrological impact modelling; (3) Adaptation options analysis; (4) Approach and metrics for estimation of climate-related “loss and damage” in cities. To enhance the coordination and participatory mechanisms for urban adaptation planning, the project will facilitate *National Dialogues on Urban NbS for Resilience* which will aim as well to build a bridge between the urban adaptation agenda and national policy instruments such as Nationally Determined Contributions (NDCs) and National Adaptation Plans (NAPs).
19. **Component 2. Implementing NbS interventions to build climate resilience of citizens, critical urban infrastructure and basic services:** Ecosystems in cities play a vital role in flood reduction and provide various

³⁶ SICA/UN-HABITAT, 2021. Plan Regional para la Implementación de la nueva agenda urbana en Centroamérica y República Dominicana. <https://eurosocial.eu/wp-content/uploads/2021/06/PRINAU-SICA.pdf>

other ecosystem services needed for ensuring water access and reduction of extreme temperature in cities. Interventions under this component will focus on implementing concrete NbS (e.g., reforestation and stabilization of riverbanks, restoration of degraded areas, rainwater harvesting nature-based infrastructure) to address urban risks from flood, landslides, extreme temperature, and water scarcity. Capitalizing on Component 1, a catalogue of cost-effective and gender inclusive NbS at urban and watershed scale will be defined, co-designed and implemented in close collaboration with the citizens and local authorities, to address the key identified climate risks. Table 2 shows an example of the NbS interventions³⁷ that can be considered for implementation.

Table 2. Example of NbS interventions reducing specific climate risks. Source: Project CityAdapt 1.0

Nature-based Solutions (NbS) interventions	Urban climate hazards			
	Floods	Landslides	Water stress	Heat stress
Urban				
Green areas to increase infiltration of rainwater run-off and reduce flood impacts while reducing temperature	●			●
Permeable pavements to increase infiltration of rainwater run-off	●			
Rainwater harvesting to redirect the rainwater and stormwater run-off and storage for productive use	●		●	
Green corridors to reduce rainfall run-off and extreme heat	●			●
Peri-Urban				
Riverbank stabilization with hybrid materials (e.g. gabions) and vegetation	●	●		
Watershed				
Wetland restoration/conservation to reduce flood damage, enable groundwater recharge and improve water availability	●		●	
Reafforestation, afforestation and forest conservation to stabilise slopes and prevent landslides, enhancing water retention	●	●	●	

20. **Component 3. Designing and adopting urban adaptation financing plans:** Most intermediate cities, including the project cities, do not have a comprehensive inventory of their adaptation needs. Planning and implementing adaptation strategies require such information to better understand investment needs. In addition, these cities typically lack the necessary financing. Public budgets are strained and face intense competition for scarce public resources. This component will aim to design an Urban Adaptation Financing Framework for the three countries, which will provide a comprehensive analysis of the adaptation needs in the nine cities and opportunities to mobilize finance via new innovative instruments or tailoring of existing instruments. It will in parallel develop capacities at organizational level (public and private) to enhance access to adaptation finance and the design of innovative risk-informed finance instruments. The strategy will provide a roadmap which will place greater emphasis on the targeted use of public and private finance to enable more transformative change and attract additional investment for the promotion of ecosystem-based urban adaptation planning. Results from this Component will include: (1) Identification of key public and private actors and their capacity for engaging in urban climate finance for adaptation; (2) Analysis of finance gap and needs for urban adaptation; (3) Identification of public and private financing sources and instruments for urban NbS³⁸, including (i) National Budget Allocations (e.g. revenue tools); (ii) Grants (e.g., subsidies, payments for results); (iii) Equity (e.g., concessional and non-concessional); (iv) Debt (e.g., credit line, Debt-Nature swap); (v) Risk mitigation (e.g., bonds, insurance) to close the gap and guarantee the sustainability and scaling of urban NbS; (4) Plans for financing the sustainability and upscaling of ecosystem-based urban adaptation strategies.
21. **Component 4. Advancing regional learning and knowledge management on urban NbS:** Regional learning and knowledge generation and management are a cornerstone strategy to sustain efforts over time and foster upscaling of ecosystem-based urban adaptation in the three countries and within wider Central America. This

³⁷ The listed EbA/NbS interventions are part of the catalogue of implemented interventions by the project CityAdapt in El Salvador, Mexico and Jamaica: <https://cityadapt.com/soluciones-basadas-en-la-naturaleza/>

³⁸ UNEP, 2021. State of Finance for Nature: Tripling Investments in Nature-based Solutions by 2030.

component will support the development of innovative knowledge management mechanisms for information sharing, training and exchange of experiences, data collection and analysis, dissemination and capitalization of best practices. The project will collaborate with regional organizations such as the Commission of Central America on Environment and Development (CCAD) part of the System for Integration of Central America³⁹ (SICA) to ensure that lessons learned are shared and disseminated and trainings take a regional approach. Among the training and knowledge sharing mechanism are: (i) Academy on Ecosystem-based Urban Adaptation Planning, (ii) City-to-City Learning Programme and (iii) Regional workshops for knowledge exchange.

22. Regional approach supporting cost-effectiveness. Economic analysis of the benefits of land restoration in Latin American provides evidence to support that the adoption of policy measures and removal of barriers to land restoration efforts by national and local governments result in substantial benefits, including gains in disaster risk control, agricultural production, alleviation of food insecurity and carbon sequestration⁴⁰. The regional approach as well allows for the demonstration of wider range of urban NbS technologies, products, and services, thus allowing cross country innovation, exchange and sharing of experiences and lessons. Many of the adaptation products and services coming from this project will be suitable for other cities and countries in the region with high potential for scale-up and replication. The project cost at the regional level compared to individual projects in each country will be lower, including administrative and implementation costs. This also helps to reduce costs and avoid duplication of efforts thereby enhancing the cost- effectiveness of the project.

23. Alignment with national strategies and plans: The project aligns with the climate change and development regulatory and policy frameworks in Honduras, El Salvador and Guatemala and will directly contribute to the key objectives of their NDCs (see Table 3).

- **Honduras** has a national climate change law and has created different offices at the national level to work on adaptation and mitigation with different sectors. The country updated its NDC in 2021 with clear objectives to work on reducing vulnerabilities to climate change as well as working in cities, to which the project is directly contributing. UNEP is currently working on the development of the National Adaptation Plan (GCF Readiness), which provides a unique opportunity for complementarity to strengthen the agenda for urban resilience and urban ecosystem-based adaptation approach both at local and national scale. Objective 8) Smart cities: promotes sustainable development of cities and communities, through urban development based on environmental, social and economic sustainability, resilient livelihoods and urban environments, durable infrastructure.
- **El Salvador** has a national regulatory framework for addressing climate change, established in the Environmental Law, which defines the elements of policy and instruments applicable to climate change, including international agreements commitments and conventions subscribed, such as the Paris Agreement. The Ministry of Environment and Natural Resources is the governing and coordinating body for climate change action, and leads actions such as updating of the National Environmental Policy, preparing the National Climate Change Plan 2021-2025, the National Climate Change Adaptation Plan (NAP) with a two-year construction process and the the Fourth National Communication on Climate Change and Second Biennial Update Report, according to the NDC update in 2021. El Salvador has defined actions per all the economic sectors, where the most relevant areas linking to this project are: cities and infrastructure and water resources.
- **Guatemala** approved the Framework Law on Climate Change (LMCC) in 2013 with Article 10 of the Decree 7-2013 includes the mainstreaming of climate change in planification processes and Public Investment Programmes, with a prioritization in the allocation of economic resources to government entities that formulate their plans, programs and projects accordingly. The National Climate Change Action Plan (PNACC) was concluded in 2020. Chapter VI of the PNACC includes a National Adaptation Plan with three strategic lines: enhancing the (1) Risk and Disaster Management, (2) facing climate change's impact and (3) increasing the country's resilience. It highlights the need for integrating adaptation and the reduction of vulnerability in the territorial planning and in key sectors of the society, including infrastructure, water management, ecosystems conservation, human settlements.

³⁹ Sistema de la Integración Centroamericana (SICA): <https://www.sica.int>

⁴⁰ World Resources Institute. 2018. The Economic Case for Landscape Restoration in Latin America. Available at: https://wriorg.s3.amazonaws.com/s3fs-public/The_Economic_Case_for_Landscape_Restoration_in_Latin_America.pdf?_ga=2.223405598.480839473.1559569688-232533270.1535385279

Table 3. Summary of the alignment of the project with the NDC objectives in Honduras, El Salvador and Guatemala

Policy instrument	Key priorities	Alignment of the project and contribution to the objectives
Honduras		
Honduras' NDC (2021) ⁴¹	<p>Among Honduras's NDC's, these are the most relevant to work in urban climate resilience:</p> <ul style="list-style-type: none"> - Objective 8) Smart cities: promotes sustainable development of cities and communities, through urban development based on environmental, social and economic sustainability, resilient livelihoods and urban environments, durable infrastructure; - Objective 9) Water Security: ensure the availability of water resources and sustainable and integrated water management, projections and forecasts for good water planning, financial support necessary for the implementation of policies that incorporate measures and actions for the integrated. management of water resources in Honduras 	<p>Component 2 includes actions to increase the resilience of urban communities such as co-designed NbS solutions to reduce climate impacts which contributes to the NDC's Objective 8.</p> <p>Component 1 and 2: water management is a core element within the project as any intervention will be designed integrating a watershed approach, including hydroclimatic modelling to better plan interventions, contributing to NDC's Objective 9.</p>
El Salvador		
El Salvador's NDC (2019) ⁴²	<p>Priority actions in adaptation in the Cities Sector:</p> <ul style="list-style-type: none"> - Small lamination pond technologies in priority areas in the San Salvador Metropolitan Area (AMSS), for flood prevention in the city and human settlements; - Inter-institutional coordination and articulation for the implementation of the AMSS Initial Adaptation Plan, led by the Central Government and the COAMSS and scaling up of the adaptation results of the Sustainable Urban Development Project in the AMSS - Developing sustainable and resilient human settlements using bio-climatic actions in housing and renewable energies - Updating of instruments to promote and foster development, such as environmental zoning maps and land use guidelines with detailed guidelines for strict practices, within the planning and development plans of the territories and in accordance with their reality - Implementation of disaster risk reduction plans, based on national studies of disaster losses and climate change impacts; awareness raising and promotion of climate risk management, based on the Sendai framework program on risk governance. 	<p>Component 1 proposes to strengthen climate information services for to better inform planning. Component 2 proposes a watershed approach to design NbS interventions in cities, which goes in line with priority actions for the city sector in El Salvador. Furthermore, coordination between different city officials is part of the efforts under Component 1 to facilitate interaction and a common understanding of climate impacts and possible solutions through an ecosystem-based approach. All the above strategies are aligned with El Salvador NDC's objectives to work at the city level.</p>
Guatemala		
Guatemala's NDC (2021) ⁴³	<p>Guatemala's NDC have defined priorities in the following key areas which are relevant to the project:</p> <ul style="list-style-type: none"> - Forest Resources, Ecosystems and Protected Areas. Under this priority, it is expected that by 2025, the Ecosystem-based Adaptation (EbA) approach will be integrated into the institutional strategic instruments of governmental institutional strategic instruments of governmental entities such as Ministry of Environment and Natural Resources, Ministry of Agriculture, National Council of Protected Areas and National Forest Institute. - Integrated Water Resources Management. An expected goal under this priority is to that by 2025 there will be more than 3,000 ha of restored riparian forests. 	<p>The project's core approach resides in ecosystem-based adaptation as a strategy for creating urban resilience. This approach integrates natural resources management, including water management as a response to climate impacts. Positioning EbA as an NDC target and having a specific target to restore riparian forests is in line with possible strategies that the project can design and implement.</p>

⁴¹ Honduras NDC: https://unfccc.int/sites/default/files/NDC/2022-06/NDC%20de%20Honduras_%20Primera%20Actualizaci%C3%B3n.pdf

⁴² El Salvador NDC: <https://unfccc.int/sites/default/files/NDC/2022-06/El%20Salvador%20NDC-%20Updated%20Dic.2021.pdf>

⁴³ Guatemala NDC: <https://unfccc.int/sites/default/files/2022-06/NDC%20-%20Guatemala%202021.pdf>

24. **Learning and knowledge:** At the regional / international level, learning/knowledge will be managed and promoted through the existing Latin America and the Caribbean Regional Knowledge Hub on urban NbS – CityAdapt⁴⁴. The selected cities will join the Community of Practice (CoP) established by the Nature4Cities project and will form urban NbS task groups on selected topics with policymakers, practitioners and researchers to increase the understanding and knowledge sharing on gender-sensitive climate adaptation mainstreaming within municipal planning. At national level, learning / knowledge will be managed and promoted by UNEP in coordination with universities and execution entities, by the generation of tailored knowledge products such as catalogues and manuals. At the local level, project beneficiaries will be involved through a participatory vulnerability assessment, planning processes and capacity and skills building to plan, implement, maintain and replicate the proposed concrete adaptation techniques being co-designed and implemented. Additionally, the City-to-City Learning Programme (Component 4) will ensure exchange of lessons learned and best practices within cities.
25. **Complementarity with other initiatives:** The project is built upon the lessons learned and best practices from two regional projects implemented by UNEP including: (1) *CityAdapt - Building Climate Resilience of Urban Systems through Ecosystem-based Adaptation (EbA) in Latin America and the Caribbean*⁴⁵ (financed by GEF: 2018 - 2023) implemented in El Salvador, Mexico and Jamaica and (2) *Nature4Cities - Increasing resilience through Nature based Solutions in Latin American cities*⁴⁶ (financed by GCF Readiness: 2021 - 2024) implemented in Honduras, Guatemala, Cuba, Ecuador, Panama, the Dominican Republic and Uruguay. Both projects aimed to enhance enabling environment for the transition towards ecosystem-based urban adaptation planning in the project countries (Honduras, El Salvador and Guatemala) and have demonstration pilots of NbS interventions (El Salvador). Lessons from those two projects will be replicated and upscaled by the current regional project in the selected cities. Key lessons learned both from CityAdapt Nature4Cities integrated in this project include: (1) addressing the knowledge gap and capacity needs of local authorities to understand loss and damage from climate extremes and adaptation needs of the cities will be addressed in *Components 1 and 3*; (2) access innovative financing for the sustainability and upscaling the urban NbS for adaptation, which is the focus of *Component 3* of this regional project; (3) enhancing the participatory and gender-responsive approach to planning and implementation of urban adaptation strategies, which is the focus of *Components 1 and 2* of this regional project. Additionally, the project will seek complementarity with i) development of the National Adaptation Plans, framed under the Readiness programme of the Green Climate Fund led by UNEP, currently under implementation in Honduras and in approval phase in El Salvador, ii) regional rural NbS projects, such as the GCF funded programme “Ecosystem-based Adaptation to increase climate resilience in the Central American Dry Corridor and the Arid Zones of the Dominican Republic” (FP174) and the Adaptation Fund project “Use of Nature-based Solutions to Increase Resilience to Extreme Climate Events in the Atlantic Region of Central America”. Building upon these initiatives, the project will use existing climate change dialogue tables formed in each country for consultation purposes, observe participatory processes to ensure ownership of adaptation approaches, establish synergies with research programme for long-term monitoring of the NbS interventions, select NbS measures at the urban watershed level based on climate information, territorial diagnoses and planning instruments at different levels.
26. **Consultative process:** The development of the pre-concept was in close collaboration with national entities, in particular the technical teams of the Ministries of Environment in each of the three countries. The project idea has also been discussed with most of the selected cities and inputs from the consultative process have been integrated in the project design. At concept note formulation stage, local and national stakeholder consultations and meetings will be conducted for the three countries throughout project formulation. These will strengthen dialogue with the stakeholders and focus on better understanding the specific cities’ needs, shared visions of the local communities, municipal planning authorities, national institutions and other relevant actors. Those held with local actors will aim to better comprehend the relation between urban communities’ livelihoods, ecosystems and perceived climate risks; while those held with policy makers will aim to further understand capacity and information needs, as well as potential for policies’ alignment⁴⁸. Concept development will include an initial review of environmental and social impacts, which will be further developed during full proposal formulation into an Environmental and Social Management Framework, as well as a Gender Plan, in line with the Environmental and Social policy of the Adaptation Fund, respecting Free, Prior, and Informed Consent (FPIC) at all levels.

⁴⁴ Latin America and the Caribbean Regional Knowledge Hub on urban NbS – CityAdapt: <https://cityadapt.com>

⁴⁵ Additional information: <https://www.thegef.org/projects-operations/projects/5681>

⁴⁶ Additional information: <https://www.greenclimate.fund/document/increasing-resilience-through-nature-based-solutions-latin-american-cities-nature4cities>

27. **Sustainability.** The project design will include the development and regular updating of a Sustainability Plan (focusing on social, economic, technical and environmental domains) starting at project inception, in order to ensure: i) that the pathways to scale built into the project are fully utilized, through undertaking cost benefit analysis, knowledge exchanges and dialogue events, and the development and dissemination of protocols, guidelines and tools; ii) that full provision is made by the relevant municipal and provincial government agencies for continued support extending beyond the project implementation period. Through Components 1 and 2, adaptation strategies (i.e. transformative pathways) are designed and implemented via NbS interventions. Through partnerships with government (provincial and local), these will be linked to longer-term transformative outcomes in the future as part of national climate change strategies. This will be supported through Component 3, where financial mechanisms will enhance the long-term sustainability of the NbS interventions. A major aspect of the sustainability strategy will be centred on active community participation and ownership, which will underpin implementation of Components 1 and 2, and be strengthened by capacity development activities. Together, this will ensure a gradual phasing of responsibilities from the project to relevant provincial actors, and communities. This would also ensure that the transformation endures beyond the project implementation cycle.

PART III: IMPLEMENTATION ARRANGEMENTS

28. The project will be implemented by UNEP. UNEP will carry out fiduciary and safeguards oversight and provide the necessary scientific expertise and technical support to the project formulation, start up, implementation, evaluations, and closure. UNEP will implement the project at the regional level from UNEP's Office for Latin America and the Caribbean.
29. At the country level, local organizations will be considered for the local execution of the project, including NGOs, associations, and community groups. The identification of local partners will be organized via a "Call for Proposals" launched in collaboration with the National Governments during the concept note phase. This process will allow to pre-select several organisations which comply with defined expertise and capacities to be further considered as local implementing partners. UNEP will sign a Project Cooperation Agreement with the Implementing Entities to establish clear roles and responsibilities for the execution of the above-mentioned project activities; and to ensure that the activities are executed in line with AF and UNEP rules, policies, and requirements.
30. Preidentified potential local partners include: (i) **El Salvador:** FUNDASAL, Association for Community Projects (PROCOMES), Planning Office for the Metropolitan Area San Salvador (OPAMMS). These were the main implementing agencies in the CityAdapt project; (ii) **Honduras:** the Ministry of Energy, Natural Resources, Environment and Mines, will play a direct role in project execution; (iii) **Guatemala:** FUNDAECO. In all three countries, local governments and municipalities will also be involved as potential direct partners.
31. The formulation stage will draft a coherent governance/implementation structure from the regional to the local levels, based on lessons learned from previous projects like CityAdapt and Nature4Cities.
32. At the regional level, the Interamerican Integrations System (Sistema de la Integración Centroamericana - SICA) through the Environment and Development Commission (Comisión Centroamericana de Ambiente y Desarrollo - CCAD) will play an important role in relation to the regional coordination and mainstreaming results from this initiative into the regional strategies for Climate Change and Environment (ERCC, currently under revision).
33. Several research institutions will also become key partners as technical and knowledge management support based on the experience of CityAdapt and Nature4Cities including: Wageningen University (WENR), CATIE, UNEO-DHI and Practical Action.
34. A Regional Project Steering Committee will be established as part of the implementation arrangements to facilitate cooperation between all project partners and other related initiatives in the region. Local partners will be identified during consultations in project formulation. Partners will have experience in the area and in relevant topics for the project. Since the project intends to be built on the active participation of communities and local organizations, local governance structures will be formed to co-lead/design activities on the ground and mobilize communities for greater reach. These local structures will be based on the local NbS task groups already established through CityAdapt and Nature4cities to scale-up the work already undertaken in the framework of these initiatives.

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

A. Record of endorsement on behalf of the government⁴⁷

Miguel Alberto Gallardo Meléndez <i>General Director of Ecosystems and Biodiversity</i> National Designated Authority to the Adaptation Fund Ministry of Environment and Natural Resources (MARN) El Salvador	Date: July 26 th 2022
Lucky Halach Medina Estrada Secretary of Energy, Natural Resources, Environment and Mines Honduras	Date: August 1 st 2022
Mario Roberto Rojas Espino <i>Minister of Environment and Natural Resources</i> Guatemala	Date: August 8 th 2022

B. Implementing Entity certification *Provide the name and signature of the Implementing Entity Coordinator and the date of signature. Provide also the project/programme contact person's name, telephone number and email address*

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.	
 Piedad Martin Implementing Entity Regional Coordinator	
Date: February 7 th 2023	Tel. and email: piedad.martin@un.org
Project Contact Person: Marta Moneo Lain	
Tel. And Email: +507 6038 8570 marta.moneo@un.org	

Each Party shall designate and communicate to the secretariat the authority that will endorse on behalf of the national government the projects and programmes proposed by the implementing entities.

Oficio No.-DMA-0343-2022

Tegucigalpa, M.D.C., August 1st, 2022

Ref.: Endorsement for “Building resilience of urban communities in Northern Central America through Nature-base Solutions (NbS)”

ADAPTATION FUND BOARD
Adaptation Fund Board Secretariat

Dear Sir/Madam

I am pleased to confirm the commitment of the State Secretariat of Energy, Natural Resources, Environment and Mines of Honduras to endorse the “Building Resilience of Urban Communities in Northern Central America through Nature-base Solutions.

In my capacity as Official Designated National Authority for the Adaptation Fund in Honduras, I confirm that the above-mentioned regional project proposal is in accordance with the government’s priorities in implementing adaptation activities to reduce adverse impacts and risks posed by climate change in the region.

If approved, the project will be implemented by the United Nations Environment Programme (UNEP) and executed by the State Secretariat of Energy, Natural Resources, Environment and Mines of Honduras.

Kind regards,



LUCKY HALACH MEDINA ESTRADA
Secretary of Energy, Natural Resources,
Environment and Mines
Honduras

Cc: Archivo





Ministro

MINISTERIO DE AMBIENTE Y RECURSOS NATURALES
GUATEMALA, C.A.

Oficio MI-1339-2022/MRRE-gpvg

August 8, 2022

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

Subject: Endorsement for "Building resilience of urban communities in Central America by leveraging Nature-based Solutions (NbS) for adaptation in El Salvador, Honduras and Guatemala"

In my capacity as designated authority for the Adaptation Fund in Guatemala, I confirm that the above regional project proposal is in accordance with the government's priorities in implementing adaptation activities to reduce adverse impacts of, and risks, posed by climate change in urban areas in the country and the region.

Accordingly, I am pleased to endorse the above project proposal with support from the Adaptation Fund. If approved, the project will be implemented by UN Environment Programme.

Sincerely,



Mr. Mario Roberto Rojas Espino
Minister of Environment and Natural Resources



MINISTERIO DE
MEDIO AMBIENTE
Y RECURSOS
NATURALES

MARN-DCC-UCC-043-2022

San Salvador, July 26th, 2022

Subject: Endorsement to regional project
"Building resilience of urban communities in
Central America by leveraging Naturebased
Solutions (NbS) for adaptation."

Mister
Mikko Ollikainen
Head of the Secretariat
Adaptation Fund Board
Washington DC.

Dear mister Ollikainen:

In my capacity as designated authority for the Adaptation Fund in El Salvador, I confirm that the regional project proposal "Building resilience of urban communities in Central America by leveraging Nature-based Solutions (NbS) for adaptation", agrees with the government's priorities in implementing adaptation activities to reduce the adverse effects and risks posed by climate change, in El Salvador

I am therefore pleased to support the project proposal with the support of the Adaptation Fund.

If approved, the project will be implemented by the United Nations Environment Programme (UNEP).

The undersigned is the duly authorized representative of the National Designated Authority of El Salvador.

Yours sincerely

Miguel Alberto Gallardo Meléndez
General Director of Ecosystems and Biodiversity
Ministry of Environment and Natural Resources (MARN)
National Designated Authority to the Adaptation Fund



Project Formulation Grant (PFG)

Submission Date: January 9th 2023

Adaptation Fund Project ID:
 Country/ies: Honduras, Guatemala, El Salvador
 Title of Project/Programme: Building resilience of urban communities in Central America by leveraging Nature-based Solutions (NbS) for adaptation
 Type of Implementing Entity: Multilateral Implementing Entity
 Implementing Entity: United Nations Environment Programme (UNEP)
 Executing Entities:

- Ministry of Environment and Natural Resources, El Salvador
- Ministry of Environment and Natural Resources, Guatemala
- Secretariat of Natural Resources and Environment, Honduras

A. Project Preparation Timeframe

Start date of PFG	1 February 2023
Completion date of PFG	1 August 2023

B. Proposed Project Preparation Activities (\$)

Describe the PFG activities and justifications:

List of Proposed Project Preparation Activities	Output of the PFG Activities	USD Amount
Conduct baseline assessment, climate vulnerability and risks analysis and gender-sensitive needs assessments in the selected cities in El Salvador, Guatemala, and Honduras. This activity will be performed by national experts and supported by the technical teams from the projects Nature4Cities and CityAdapt.	Comprehensive assessments to confirm the selection of the cities and their climate vulnerability and risk profile, which inform the project design, the intervention strategy, and activities.	7,500
Maintain structured dialogues and consultations with stakeholders at national, provincial, and urban level for concept formulation, review and feedback. The stakeholder consultation will be led by the national experts and supported by an international expert.	Stakeholder consultation report including feedback and validation of the project design by the relevant stakeholders at a national, provincial, and urban level.	4,500
Preparation of the concept note based on the conducted assessments and stakeholder consultations. This activity will be performed by an international expert.	Concept note and annexes prepared	8,000
Total Project Formulation Grant		20,000

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	Signature	Date (Month, day, year)	Project Contact Person	Telephone	Email Address
María Elena Zúñiga Barrientos Implementing Entity Regional Dev. Coordinator, UNEP		January 9 th , 2023	Marta Moneo Lain	+507 6038 8570	marta.moneo@un.org