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Origin UR L	https://www.itto.int/es/concept_note/edit/
Detail page UR L	https://www.itto.int/concepts_notes_detail/id=7&inquiry_bn_id=1525
User Agent (Browser and OS)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/89.0.4389.128Safari/537.36
IP Address	190.219.136.86
Category / Subject	(No Subject)
Body	
Sender name	(No Input)
1.1 Project Title	Management and innovation for the artisanal extraction of tannin from mangrove forests in Chiriquí, Panama
1.2 Submitting Country/ies	Panama
1.3 Specific Location & Country/ies/regions/areas benefitting from the project	Districts of San Lorenzo and San Félix, Province of Chiriquí, Panama
1.4 Endorsement from ITTO Focal Point	<p>Panama, 13 April 2021 DIFOR 130-2021</p> <p>Dr Gerhard Dieterle, Executive Director, International Tropical Timber Organization</p> <p>Dear Dr Dieterle,</p> <p>With reference to the call for concept notes issued by the International Tropical Timber Organization (ITTO) in compliance with ITTC Decision 4(LVI), we would like to inform you that the Ministry for the Environment (MiAmbiente), in its capacity as ITTO's Focal Point in Panama, has received a Concept Note submitted by Wetlands International - Latin-America/Caribbean entitled "Management and innovation for the artisanal extraction of tannin from mangrove forests in Chiriquí, Panama".</p> <p>After having carried out the necessary appraisals and consultations with the relevant MiAmbiente departments, I hereby wish to inform you that the above proposal is in accordance with the technical and legal requirements established by this Ministry. We are therefore pleased to endorse the proposal of Wetlands International - Latin-America/Caribbean so that it can be submitted to ITTO in order to proceed with the appropriate arrangements.</p> <p>Please accept, sir, the assurances of our highest esteem and consideration.</p> <p>Sincerely yours, <i>(illegible signature)</i> Ing. Victor Francisco Cadavid Forestry Director and ITTO Focal Point</p> <p style="text-align: right;"><i>(Seal of the Forestry Department and the Ministry for the Environment of the Republic of Panama)</i></p>

1.5 Intended Project Duration (in months)	24
ITTO Budget	
Counterpart Budget	
Total Budget	
1.7 Programme Line Focus(select 1)	Legal and Sustainable Supply Chains (LSSC)
1.8 Project Type (select up to 3)	Capacity Building/Training Pilot/demonstration project Market/product development
Project Type – Other (please explain)	
1.9 Proposal Summary	<p>The <i>Rhizophora racemosa</i> mangrove bark extracted in the province of Chiriqui is used as one of the ingredients in the tanning of leather hides. These hides are then used by artisans in the provinces of Chiriquí, Veraguas, Coclé, Herrera and Los Santos to produce handicrafts such as sandals, saddles, straps/belts and bags, among others. More than 2000 households nationwide depend directly on mangrove bark for their livelihoods and more than 5000 households depend indirectly on mangrove bark for their economic activities, since these hides are used to make horse saddles and horses are the only means of transportation for many farmers and indigenous people in Panama.</p> <p>This project will facilitate the management and control of mangrove extraction or harvesting through a participatory mapping of forest patches by species in the mangrove forests of the San Lorenzo District to determine the weekly, monthly and yearly volumes of extraction, as well as identifying areas under harvesting and fallow periods, so as to ensure the conservation of resources and the long-term sustainability of this activity. Once the activity is proven to be both economically and environmentally sustainable, a green seal will be granted as a guarantee that the leather comes from a tannery that complies with mangrove conservation standards. Key stakeholders will be trained in sustainable forest management and nursery production and will also help disseminate the project and its impact on coastal management. Compensation measures such as mangrove restoration will be included, which can be implemented in the San Lorenzo District and in other areas of Panama.</p>
2.1 Executing Agency Information	Wetlands International Foundation
Name of main Contact Person	Mayté González
Other E-mail address	
Phone	+507 306-3171
Fax	
URL	https://lac.wetlands.org/
2.2 Type of organization	International Organization
Type of organization-other case	
2.3 Collaborating Agency/ies	Ministry for the Environment
Name of main contact person	Francisco Cadavid
Email Address	fcadavid@miambiente.gob.pa

Phone	+507 500-0922
Fax	
URL	https://www.miambiente.gob.pa/
2.4 Relevant experience of EA	<p>Protection of carbon pools and sinks in mangroves and protected areas of Panama 2014-2017</p> <p>Management Plan for the Playa La Barqueta Agrícola Wildlife Sanctuary 2017-2018.</p> <p>Conservation of coastal wetlands in the Gulf of Chiriqui for a better future 2021.</p> <p>Diagnostic assessment of coastline loss and its impact on the livelihoods of the community of Garachiné, Province of Darién 2019-2020.</p> <p>Mangrove Restoration in the Protected Landscape of Galeta Island 2018-2023</p>
3.1 Conformity with ITTO objectives (ITTA, 2006) and priorities (current SAP)	<p>This project complies with the International Tropical Timber Agreement – ITTA, 2006, specifically with the following objectives as set out in Chapter 1, Article 1:</p> <p>j) Encouraging members to support and develop tropical timber reforestation, as well as rehabilitation and restoration of degraded forest land, with due regard for the interests of local communities dependent on forest resources;</p> <p>(q) Promoting better understanding of the contribution of non-timber forest products and environmental services to the sustainable management of tropical forests with the aim of enhancing the capacity of members to develop strategies to strengthen such contributions in the context of sustainable forest management, and cooperating with relevant institutions and processes to this end;</p> <p>(r) Encouraging members to recognize the role of forest -dependent indigenous and local communities in achieving sustainable forest management and develop strategies to enhance the capacity of these communities to sustainably manage tropical timber producing forests.</p>
3.2 Relevance to the ITTO Programme Lines	<p>The project is linked to three of the four ITTO programmatic lines as stated below:</p> <p>Programmatic Line #1: Legal & Sustainable Supply Chains (LSSC) Objectives:</p> <ul style="list-style-type: none"> - Enhance the capacity of tropical timber producing countries for the production of legal and sustainable timber and non-timber products and services. - Raise awareness of the critical role that sustainably managed tropical forests play in contributing to the three pillars of sustainability (economic, social and environmental), including the achievement of the SDGs and other global forest related goals and commitments. <p>Programmatic line #2: Conservation of Biodiversity and Ecosystem Services Objectives:</p> <ul style="list-style-type: none"> - Encourage the full valuation of forest landscapes, including ecosystem services and biodiversity, as well as the collection and/or use of existing ecological and biological data that contribute to sustainable management of tropical forests. - Assist in building countries' capacity to implement the ITTO/IUCN Guidelines for the Conservation and Sustainable Use of Biodiversity in Tropical Production Forests and other relevant ITTO and internationally acknowledged guidelines. <p>Programmatic line #4: Emerging issues and innovation Objectives:</p> <ul style="list-style-type: none"> - Promote the utilization and implementation of the ITTO Guidelines for forest landscape restoration in the tropics. - Facilitate the improvement of knowledge and skills in FLR and the sustainable management of restored and planted forests. - Assist ITTO tropical member countries in building capacity to plan and implement tropical forest landscape restoration (FLR) in the field.

<p>3.3 Relevance to the Sustainable Development Goals (SDGs) and the Global Forest Goals (GFGs) and other forest related global agenda</p>	<p>This project proposal falls within the framework of seven of the 17 Sustainable Development Goals (SDGs) under the 2030 Agenda approved by the UN in 2015, as stated below:</p> <ul style="list-style-type: none"> · No poverty · Decent work and economic growth · Responsible consumption and production · Climate action · Life below water · Life on land · Partnerships for the goals <p>The United Nations Strategic Plan for Forests 2017-2030 establishes six Global Forest Goals (GFGs), which are in line with the proposed project as shown below:</p> <ul style="list-style-type: none"> - Reverse the loss of forest cover - Enhance forest-based benefits and livelihoods - Protect forests and use sustainable forest products - Mobilize resources - Promote inclusive forest governance - Enhance cooperation and work across sectors
<p>3.4 Relevance to submitting country's policies</p>	<p>At the national level, the project is consistent with Law 1 (establishing the Forestry Legislation in the Republic of Panama and other provisions), the National Forest Restoration Programme 2020 outlining the National Forestry Strategy 2050, whose core pillars are Panama's "Alliance for a Million Hectares" and the national and international agreements and conventions signed within this framework (Ministry for the Environment, 2019).</p> <p>The long-term objectives and vision of the strategy and Law 69 on Forest Incentives are:</p> <ul style="list-style-type: none"> - Decrease the rate of deforestation and forest degradation and restore degraded lands. - Recognize and value the ecosystem services of forests. - Safeguard natural forests through conservation and sustainable forest management. - Ensure the protection and restoration of riparian areas, watersheds, protected areas, their buffer zones, and biological corridors. - Increase the availability of certified forest raw materials from plantations and sustainably managed natural forests. - Improve the quality of life of forestry-related sectors of society in the country. - Promote the development of education, innovation and scientific research applied to the forest sector. - Promote the development of small and medium forest industries (Ministry for the Environment, 2019).
<p>3.5 Linkages to previous/ongoing ITTO and other projects/activities (if any)</p>	<p>The project is linked to other projects that have already been implemented in Panama such as:</p> <p>Project for the Conservation and Reforestation of Threatened Mangrove Forest Areas along the Pacific Coast of Panama (ANAM - ITTO)- Years 2004-2009.</p> <p>Protection of carbon pools and sinks in mangroves and protected areas of Panama (International Climate Initiative (ICI) of the German Federal Ministry for the Environment and Nature Conservation (BMUB)). Years 2014-2017.</p> <p>This proposal is linked to the project "Conservation of coastal wetlands in the Gulf of Chiriqui for a better future", which is being implemented by the Wetlands International Foundation with funds from the Moore Charitable Foundation. This project involves mangrove restoration activities in the district of San Felix, as well as the identification of sites with mangrove restoration potential for the district of San Lorenzo, and the annexation of this district's mangroves bordering the "Manglares de David" Protected Area – Year 2021.</p>
<p>4.1 Objectives (reflecting reference to elements within all ITTO Guidelines as applicable)</p>	<p>Support the conservation of mangrove forest resources in the San Lorenzo District of the Republic of Panama.</p> <p>Establish a participatory process to achieve sustainable forest management to manage the harvesting of mangrove bark.</p>

<p>4.2 Key problem(s) to be addressed</p>	<p>The extraction of mangrove bark from trees of the <i>Rhizophora</i> genus in the province of Chiriqui requires the implementation of appropriate sustainable forest management practices and it is therefore necessary to develop a forest management plan to ensure its sustainable use over time. Mangrove bark is extracted for the leather tanneries to be used in their leatherwork processes. Mangrove bark extraction in the district of San Lorenzo is only carried out by about 25 people, but more than 2000 households nationwide depend on leather tanning in Panama for the production of leather handicrafts, including saddles, harnesses, straps/belts, and machete covers, among others.</p> <p>In the province of Chiriqui, mangrove bark extraction takes place in the mangrove forests of the districts of David and San Lorenzo. In San Lorenzo mangrove bark producers are grouped in an organization called Association of Agro-artisanal Producers of Honey and Leather of Horconcito (<i>Asociación de Productores Agroartesanales de la Miel y el Cuero de Horconcito - APAMICUH</i>). The organization was established in 2017 thanks to the efforts of the Wetlands International Foundation through the project on “Protection of carbon pools and sinks in mangroves and protected areas of Panama”.</p> <p>Improving the management of mangrove bark resources in the District of San Lorenzo is important because it will contribute to the conservation of 9638.82 hectares of mangrove forests that serve as carbon sinks, storing 303.56 ± 91.90 tC/ha (UNDP - MiAMBIENTE 2017), especially considering that the province of Chiriqui contains 27% of the total mangrove forest area of Panama (CATHALAC 2008). Furthermore, mangrove forests account for 5.6% of the country's forest cover and 30% of the mangrove forests of Central America (D’Croz, 1993; Trejos and Castillo, 2007, FAO 2007). It is also important to point out that since 1969 Panama has lost 55% of its mangrove forest cover (CATHALAC, 2008).</p>
<p>4.3 Main stakeholders and beneficiaries</p>	<p>Stakeholders: Ministry for the Environment of Panama Wetlands International Foundation Municipality of San Lorenzo Water Resources Authority of Panama</p> <p>Beneficiaries: Asociación de Productores Agroartesanales de la Miel y el Cuero de Horconcito (APAMICUH) Leather artisans from the provinces of Chiriquí, Veraguas, Herrera, Los Santos Public schools’ students in the districts of San Lorenzo and Remedios</p>
<p>4.4 Key activities</p>	<p>N Activity /Output</p> <p>A A.1 Meetings with stakeholders and beneficiaries. /Mangrove Bark Forest Harvesting Plan for the San Lorenzo District submitted to MIAMBIENTE</p> <p>A.2 Mapping and zoning of mangrove areas in the San Lorenzo District</p> <p>A.3 Measurement of volumes of harvestable forest materials by mangrove forest area</p> <p>A.4 Training of stakeholders on zoning procedures</p> <p>A.5 Training on harvestable bark volumes by area</p> <p>A.6 Training on the importance of fallow periods for each area</p> <p>B B.1 Protocol for sustainable mangrove bark extraction. /Document establishing guidelines for granting the Sustainable Production Seal for mangrove bark products.</p> <p>B.2 Training of MIAMBIENTE personnel and mangrove users on the sustainable production seal for mangrove bark products and byproducts.</p> <p>B.3 Graphic design of seal (student contest)</p> <p>C C.1 Meetings with stakeholders and beneficiaries. /Report on reforestation in an identified site within the area of influence of the Mangrove Bark Harvesting Plan.</p> <p>C.2 Pre-planting field activities</p> <p>C.3 Reforestation/restoration field work</p> <p>D D.1 Environmental education plan to be implemented in two schools located in the coastal areas between the districts of San Lorenzo, San Felix and Remedios. /Document: Compendium of activities and progress made in the implementation of environmental education at two educational centers</p> <p>D.2 Environmental education lectures and activities to raise awareness about the importance of mangroves</p> <p>D.3 Construction of a student nursery</p>

<p>4.5 Expected outcomes and impacts, including innovation/transformation</p>	<p>Outcomes & Impacts, inc. Innovation/Transformation</p> <p>A- Forest Harvesting Plan submitted to MIAMBIENTE. Mangrove forest management plan for mangrove bark extraction in the San Lorenzo District. Although there are forest harvesting plans being implemented in Panama, it should be noted that they have not been developed for mangrove bark extraction. This leads to an innovative situation both nationally –for Panama– and regionally.</p> <p>Registration of mangrove harvesters or users.</p> <p>Guaranteeing sustainability to more than 2000 artisans nationwide.</p> <p>B- Document establishing guidelines for granting the Sustainable Production Seal for mangrove bark products, which guarantees the sustainable utilization of mangrove forest resources The green seal for mangrove products is an innovative concept in Panama for products that originate from mangrove forests.</p> <p>Guaranteeing sustainability to more than 2000 artisans nationwide.</p> <p>C- Reforestation report for an identified site within the area of influence of the Mangrove Bark Harvesting Plan. Ten (10) hectares under a restoration/reforestation process.</p> <p>D- Compendium of activities and progress made in the implementation of environmental education at two educational centers. A total of 80 students from rural schools attending environmental education lectures for four terms over two years.</p> <p>Establishment of educational forest nursery in two schools and follow-up program.</p>
<p>4.6 Existing funding for (related) initiative(s) /establishedcontacts to potential donors</p>	<p>The Wetlands International Foundation is currently implementing the project “Conservation of coastal wetlands in the Gulf of Chiriqui for a better future 2021”, with funds from the Moore Charitable Foundation. This project includes related activities such as:</p> <p>Mangrove restoration;</p> <p>Environmental education activities;</p> <p>Involvement in national policies related to protected areas in mangrove forests, including some of those found in the District of San Lorenzo.</p> <p>There is a GEF–PACA project that is about to start; it involves the Pacific Central American coastal areas all the way up to Mexico. It is a regional project, proposed at the GEF-7 in relation to international waters. The purpose is to set up the basis for the integrated management of the Pacific Central American Coastal Large Marine Ecosystem.</p> <p>PIF Approval - November 2018</p>
<p>4.7 Any other information deemed necessary/important</p>	<p>It is important to point out that the funding of this proposal will guarantee the regulation of a resource that has been used for decades by rural community groups. Although tree selection is governed by ancestral techniques, their forests or work areas are not yet zoned.</p> <p>At present, there is a legal vacuum for the extraction of mangrove tree bark for use in leather tanning processes. In Panama, mangrove forests that are not designated as protected areas fall into the category of “special management zones” as outlined in ARAP Resolution No. 01 of 29 January 2008, which establishes all coastal marine wetland areas, particularly mangroves, in the Republic of Panama, as Special Coastal Marine Management Zones, as well as stipulating other provisions. This resolution was amended and adopted through Law No. 08 of 25 March 2015, establishing the Ministry for the Environment as the agency in charge of governing these ecosystems.</p>
<p>4.8 Risk mitigation measures</p>	<p>- The risk posed by the COVID 19 pandemic is a reality that has affected all countries. There is obviously a risk of getting infected and/or a risk of having activities suspended through decisions made by the Government of Panama.</p> <p>This risk can be mitigated by following the biosecurity guidelines established by the Ministry of Health of Panama for work safety.</p> <p>In the event of any closure of activities announced by the Panamanian government, the project’s planned activities will be adjusted over time as appropriate.</p> <p>- Another risk is the lack of good communication between government authorities and stakeholders/beneficiaries.</p> <p>This risk can be mitigated through meetings and outreach workshops, in order to involve all stakeholders and thus use a participatory approach in obtaining an outcome based on scientific information of the area with a view to regulating the sustainable management of mangrove bark harvesting in the District of San Lorenzo.</p>

BUDGET	
Personnel	85840
Personnel (Counterpart)	16000
Personnel (Total)	101840
Sub-contracts (ITTO)	17100
Sub-contracts (Counterpart)	1000
Sub-contracts (Total)	18100
Travel and DSA (ITTO)	19000
Travel and DSA (Counterpart)	500
Travel and DSA (Total)	19500
Capital Items (ITTO)	1000
Capital Items (Counterpart)	15500
Capital Items (Total)	16500
Consumables (ITTO)	4000
Consumables (Counterpart)	0
Consumables (Total)	4000
Publication /Dissemination (ITTO)	6000
Publication /Dissemination (Counterpart)	1500
Publication /Dissemination (Total)	7500
Miscellaneous (ITTO)	17060
Miscellaneous (Counterpart)	5500
Miscellaneous (Total)	22560
Total (ITTO)	150000
Total (Counterpart)	40000
Total (Total)	190000
ITTO Project Monitoring & Review (ITTO)	
ITTO Project Monitoring & Review (Counterpart)	
ITTO Project Monitoring & Review	
Annual/Final Audit (ITTO)	
Annual/Final Audit (Counterpart)	
Annual/Final Audit (Total)	
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GRAND TOTAL (Counterpart)	
GRAND TOTAL (Total)	
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