

Committee on Development and Intellectual Property (CDIP)

Thirty-Sixth Session
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REVISED PROJECT ON LEVERAGING INTELLECTUAL PROPERTY SYSTEMS FOR CLIMATE RESILIENCE – PROJECT PROPOSAL SUBMITTED BY DOMINICA

Prepared by the Secretariat

1. By means of a communication dated December 13, 2024, the Delegation of Dominica submitted a proposal for a pilot project on “Leveraging Intellectual Property Systems for Climate Resilience” for consideration at the thirty-fifth session the Committee on Development and Intellectual Property (CDIP).
2. The project proposal was discussed during the above-mentioned session and was revised to reflect the comments made during the discussion.
3. The revised project proposal is contained in the Annexes to this document.

4. *The Committee is invited to
consider the annexes hereto.*

[Annexes follow]

1. Introduction of the project
1.1 Project code
DA_10_11_02
1.2 Project title
Leveraging Intellectual Property Systems for Climate Resilience
1.3 Development Agenda Recommendations
<p><i>Recommendation 10: To assist Member States to develop and improve national intellectual property institutional capacity through further development of infrastructure and other facilities with a view to making national intellectual property institutions more efficient and promote fair balance between intellectual property protection and the public interest. This technical assistance should also be extended to sub-regional and regional organizations dealing with intellectual property.</i></p> <p><i>Recommendation 11: To assist Member States to strengthen national capacity for protection of domestic creations, innovations and inventions and to support development of national scientific and technological infrastructure, where appropriate, in accordance with WIPO's mandate.</i></p>
1.4 Project duration
24 months
1.5 Project budget
The total project budget is 426,200 Swiss francs, all for non-personnel expenditures.
2. Project description
<p>Background</p> <p>Countries vulnerable to climate change, such as Dominica, have experienced devastating natural disasters that have severely impacted their infrastructure, economic stability and the livelihoods of the population. In 2018, for example, Hurricane Maria caused catastrophic damage to Dominica, leading to losses far exceeding the nation's annual gross domestic product and prompting the Government to commit to becoming a global leader in climate resilience by transforming its development and economic planning approaches.</p> <p>Addressing the multifaceted challenges of climate change requires comprehensive and innovative strategies. Intellectual Property (IP) represents a critical but often underutilized tool that can support countries in achieving their climate adaptation and mitigation priorities. By building institutional capacity to develop and implement IP strategies tailored to national contexts, access to vital climate technologies can be enhanced and domestic innovation can be fostered, both of which are essential to increasing climate resilience.</p> <p>This project aims to strengthen the ability of beneficiary countries to integrate IP frameworks into their climate strategies effectively. It seeks to enhance understanding among key stakeholders of the strategic role that IP can play in facilitating technology transfer and promoting innovation to address local climate-related challenges. Through capacity building and the development of practical tools, the project will help beneficiary countries to use their</p>

IP frameworks to develop initiatives that advance climate resilience.

By fostering stronger institutional frameworks and promoting collaboration among key stakeholders, such as IP Offices, climate institutions, research centers and innovation agencies, the project will contribute to creating ecosystems in which climate technologies can be more widely accessed and utilized. Ultimately, this initiative will support beneficiary countries in accelerating their climate action and building a more climate-resilient future. Moreover, this project will assist the beneficiary countries to benefit from, coordinate and strengthen linkages with WIPO GREEN in relation to initiatives that relate to building IP for climate resilience.

Stakeholders

The main stakeholders relevant to this project are:

- IP offices and local authorities in beneficiary countries.
- Climate policy institutions, research centers and innovation agencies.

2.1 Project concept

Climate change poses significant challenges that demand innovative and sustainable solutions. IP is a vital tool in fostering the development, transfer, and deployment of climate-related technologies. Many countries, however, face challenges in effectively integrating IP frameworks into their climate policies, thus limiting their ability to harness innovation for climate change adaptation and mitigation.

This project aims to enhance the institutional capacity of beneficiary countries to leverage IP systems that support climate change adaptation and mitigation priorities. By strengthening their capacities, it will facilitate their access to climate-related technologies and promote domestic innovation tailored to their unique national contexts.

2.2 Project objective, outcome and outputs

The overall **objective** of the project is to enhance institutional capacity in beneficiary countries to leverage IP systems that support climate change adaptation and mitigation priorities.

Its intended **outcomes** are:

- (1) Increased understanding among key stakeholders in beneficiary countries, including IP offices, climate policy institutions, research centers and innovation agencies, of the importance of IP in supporting climate adaptation and mitigation strategies;
- (2) Strengthened institutional capacity in beneficiary countries to integrate IP frameworks that facilitate climate technology access and promote domestic climate innovation; and
- (3) Increased use and transfer¹ of climate adaptation and mitigation technologies in beneficiary countries.

The project will deliver the following **outputs**:

Output 1 – A country-based mapping/assessment of relevant types of IP rights and

¹ Technology transfer shall take place on mutually agreed terms and conditions between the relevant parties, or as otherwise lawfully agreed or legally required. All forms of technology cooperation shall be conducted in full respect of applicable IP rights and relevant laws. Nothing in this provision shall be interpreted as creating any obligation or entitlement to transfer technology, or other forms of property.

mechanisms that could be used to support the identification, protection, promotion, and access to climate technologies and related innovation in each beneficiary country.

Output 2 – The development and dissemination of a Climate Adaptation and Mitigation IP Toolkit, based on the country-based mapping/assessment of relevant IP frameworks and tailored to national priorities, to guide key stakeholders in using IP strategically to build climate resilience within the beneficiary countries.

Output 3 – Practical training and awareness-raising on the role of IP in supporting climate change adaptation and mitigation priorities.

2.3 Project implementation strategy

The project outcomes and outputs will be achieved through the following activities:

Output 1 – A country-based mapping/assessment of relevant types of IP rights and mechanisms that could be used to support the identification, protection, promotion, and access to climate technologies and related innovation in each beneficiary country.

Activities:

- (a) Identify and engage key stakeholders in the beneficiary countries, including IP offices, climate policy institutions, and innovation agencies.
- (b) Undertake a study/review of existing IP frameworks and climate technology mechanisms in each beneficiary country.
- (c) Analyze gaps and opportunities in national IP frameworks for supporting climate technology access, protection and innovation, and prepare detailed country-specific mapping/assessment reports.

Output 2 – The development and dissemination of a Climate Adaptation and Mitigation IP Toolkit, based on the country-based mapping/assessment of relevant IP frameworks and tailored to national priorities, to guide key stakeholders in using IP strategically to build climate resilience within the beneficiary countries.

Activities:

- (a) Compile the mapping/assessment findings of relevant IP frameworks to identify best practices and strategic entry points for IP use in climate adaptation and mitigation in each beneficiary country.
- (b) Design and develop the Climate Adaptation and Mitigation IP Toolkit based on the mapping/assessment findings, including practical guidance, best practices, case studies, and practical tools tailored to each beneficiary country's climate and IP framework.
- (c) Implement a dissemination strategy to ensure wide accessibility and uptake of the Climate Adaptation and Mitigation IP Toolkit.

Output 3 – Practical training and awareness-raising on the role of IP in supporting climate change adaptation and mitigation priorities.

Activities:

- (a) Develop training materials and deliver training sessions for key stakeholders, grounded in the Climate Adaptation and Mitigation IP Toolkit and the mapping/assessment findings.

(b) Design and facilitate awareness-raising activities such as seminars, webinars and conferences to promote a broad understanding of the role of IP in climate strategies.

2.4 Project indicators

<p><u>Project objective:</u></p> <p>Enhance institutional capacity in beneficiary countries to leverage IP systems that support climate change adaptation and mitigation priorities.</p>	<p><u>Objective indicator:</u></p> <p>- By the end of the project, 100% of beneficiary countries have enhanced institutional capacity for leveraging IP systems that support climate change adaptation and mitigation priorities.</p>
<p><u>Project outcomes:</u></p> <p>1. Increased understanding among key stakeholders in beneficiary countries, including IP offices, climate policy institutions, research centers and innovation agencies, of the importance of IP in supporting climate adaptation and mitigation strategies.</p>	<p><u>Outcome indicators:</u></p> <p>- By the end of the project, at least 80% of participating stakeholders demonstrate increased understanding of the importance of the strategic use of IP in supporting climate adaptation and mitigation strategies. Pre-training and post-training assessments will be undertaken.</p>
<p>2. Strengthened institutional capacity in beneficiary countries to integrate IP frameworks that facilitate climate technology access and promote domestic climate innovation.</p>	<p>- By the end of the project, at least 75 per cent of participating institutions report strengthened capacity to apply or adapt IP tools to support climate technology access and promote domestic climate innovation.</p>
<p>3. Increased use and transfer of climate adaptation and mitigation technologies in beneficiary countries.</p>	<p>- 12 months after the implementation of the project, at least one practical institutional initiative (e.g. revised IP policies, new programs or partnerships) has been launched to support climate technology deployment or transfer.</p>
<p><u>Project outputs:</u></p> <p>1. A country-based mapping/assessment of relevant types of IP rights and mechanisms that could be used to support the identification, protection, promotion, and access to climate technologies and related innovation in each beneficiary country.</p>	<p><u>Output indicators:</u></p> <p>- Key national stakeholders were identified and formally engaged in all beneficiary countries.</p> <p>- A study/review of existing IP frameworks and climate technology mechanisms was developed and made available online to the relevant stakeholders, in cooperation with the national focal point of each beneficiary country.</p> <p>- At least 80 per cent of engaged stakeholders report that the country-specific mapping reports are relevant and useful for national climate-related IP strategy development.</p>

<p>2. The development and dissemination of a Climate Adaptation and Mitigation IP Toolkit, based on the country-based mapping/assessment of relevant IP frameworks and tailored to national priorities, to guide key stakeholders in building climate resilience within the beneficiary countries</p>	<ul style="list-style-type: none"> - Country-based mapping/assessment findings of relevant IP frameworks to identify best practices and strategic entry points for IP use in climate adaptation and mitigation in each beneficiary country were compiled. - A tailored Climate Adaptation and Mitigation IP Toolkit, based on country-based mapping/assessment findings, was designed and developed in collaboration with the national focal points, and made accessible in each beneficiary country. - At least one dissemination strategy was implemented in each beneficiary country to ensure wide accessibility and uptake of the Climate Adaptation and Mitigation IP Toolkit.
<p>3. Practical training and awareness-raising on the role of IP in supporting climate change adaptation and mitigation priorities.</p>	<ul style="list-style-type: none"> - At least one national training and one awareness-raising activity were conducted in each beneficiary country. - 80 per cent of the key stakeholders in beneficiary countries reported that they are satisfied with the practical training materials.

2.5 Sustainability strategy

To enhance the sustainability of the project outputs, WIPO will establish a dedicated webpage providing easy access to all project-related materials, including good practices and success stories. These resources will be shared to inspire replication in other countries and regions.

WIPO GREEN related resources including its database, materials, publications and/or initiatives will be utilized to allow the beneficiary countries to benefit from, coordinate and strengthen linkages in relation to initiatives on building IP for climate resilience.

Efforts will be made to align the Climate Adaptation and Mitigation IP Toolkit and the assessment/mapping findings with ongoing national climate and innovation strategies. All project outputs will be developed in close collaboration with national focal points to foster ownership and ensure alignment with national priorities.

Local stakeholders will be trained not only as participants but also as future trainers, creating a pool of national expertise capable of sustaining and expanding the project's impact. Additionally, the tools and materials produced will be designed to be adaptable and easy to update, with clear guidance provided to support their continued use beyond the project period.

Partnerships with local universities, innovation hubs and research institutions will be encouraged to integrate project results into academic programs or technology transfer initiatives.

Stakeholder networks and communication channels established during the project will remain active, enabling continued collaboration, knowledge exchange and visibility for climate and IP-related efforts.

The sustainability strategy will be reviewed and updated throughout project implementation.

2.6 Selection criteria for pilot/beneficiary countries

The selection of pilot countries will be based on, *inter alia*, the following criteria:

1. Existence of clearly articulated climate change adaptation and mitigation priorities or strategies that could benefit from the integration of IP frameworks.
2. A demonstrated need to strengthen IP frameworks to facilitate access to climate technologies or promote domestic climate innovation.
3. A demonstrated interest and readiness from key stakeholders to strengthen innovation capacity by applying IP in climate-related priorities.

2.7 Implementing organizational entity

Regional and National Development Sector (RNDS)

2.8 Links to other organizational entities

Brands and Designs Sector, Copyright and Creative Industries Sector, Global Challenges and Partnerships Sector particularly WIPO GREEN, IP and Innovation Ecosystems Sector.

2.9 Links to other Development Agenda projects

DA Project on *Enhancing the Capacities of National Intellectual Property Offices in Times of Crisis* ([CDIP/32/6 REV.](#))

2.10 Contribution to expected results in the WIPO's program and budget

Link to Program and Budget 2024/25 Expected Results:

4.4: More innovators, creators, SMEs, universities, research institutions and communities leverage IP successfully.

2.11 Risks and mitigation

Risk 1: Limited access to climate technologies and innovation

Mitigation 1: A detailed gap analysis will be conducted to identify barriers and encourage regional and international collaboration to facilitate technology transfer.

Risk 2: Limited stakeholder engagement

Mitigation 2: A tailored and proactive stakeholder engagement plan will be developed, with regular consultations and activities to encourage participation, ownership and collaboration.

Risk 3: Insufficient stakeholder awareness and understanding

Mitigation 3: Comprehensive, context-specific training and awareness-raising activities will be implemented to address the potential limited understanding of some key stakeholders regarding the role of IP in climate strategies.

3. TENTATIVE IMPLEMENTATION TIMELINE

Project deliverables	Quarters							
	Year 1				Year 2			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Pre-implementation activities: ² - Appointment of national coordinators in each beneficiary country - Development and approval of country-level project plans - Hiring of a project coordinator and implementation support								
Country-based mapping/assessment of relevant types of IP rights and mechanisms that could be used to support the identification, protection, promotion, and access to climate technologies and related innovation	x	x						
Climate Adaptation and Mitigation IP Toolkit based on country-based mapping/assessment findings			x	x				
Training materials on the role of IP in supporting climate change adaptation and mitigation priorities			x	x				
Training of key stakeholders in beneficiary countries				x	x	x		
Awareness-raising materials on the role of IP in supporting climate change adaptation and mitigation priorities					x	x		
Awareness-raising activities to promote a broad understanding of the role of IP in climate strategies						x	x	
Dissemination events							x	
Project evaluation								x
CDIP side event								x

²Implementation will start only once the pre-implementation activities have been completed.

4. PROJECT BUDGET BY OUTPUT

<i>(in Swiss francs)</i>	Year 1	Year 2	Total
Project outputs	Non-personnel	Non-personnel	
Project coordination	77,100	77,100	154,200
Country-based mapping/assessment of relevant types of IP rights and mechanisms that could be used to support the identification, protection, promotion, and access to climate technologies and related innovation	40,000	-	40,000
Climate Adaptation and Mitigation IP Toolkit based on country-based mapping/assessment findings	20,000	-	20,000
Training materials on the role of IP in supporting climate change adaptation and mitigation priorities	32,000	-	32,000
Training of key stakeholders in the beneficiary countries	20,000	40,000	60,000
Awareness-raising materials on the role of IP in supporting climate change adaptation and mitigation priorities	-	30,000	30,000
Awareness-raising activities to promote a broad understanding of the role of IP in climate strategies	-	20,000	20,000
Dissemination events	-	40,000	40,000
Project evaluation	-	15,000	15,000
CDIP side event	-	15,000	15,000
Total	189,100	237,100	426,200

5. PROJECT BUDGET BY COST CATEGORY

<i>(in Swiss francs)</i>	Travel, training and grants		Contractual services					Total
	Staff missions	Third-party travel	Conferences	Publishing	Individual contractual services	WIPO fellowships	Other contractual services	
Project coordination	-	-	-	-	-	154,200	-	154,200
Country-based mapping/assessment of relevant types of IP rights and mechanisms that could be used to support the identification, protection, promotion, and access to climate technologies and related innovation	-	-	-	-	40,000	-	-	40,000
Climate Adaptation and Mitigation IP Toolkit based on country-based mapping/assessment findings	-	-	-	-	20,000	-	-	20,000
Training materials on the role of IP in supporting climate change adaptation and mitigation priorities	-	-	-	-	30,000	-	2,000	32,000
Training of key stakeholders in the beneficiary countries	10,000	10,000	40,000	-	-	-	-	60,000
Awareness-raising materials on the role of IP in supporting climate change adaptation and mitigation priorities	-	-	-	-	20,000	-	10,000	30,000
Awareness-raising activities to promote a broad understanding of the role of IP in climate strategies	-	-	-	-	15,000	-	5,000	20,000
Dissemination events	10,000	-	30,000	-	-	-	-	40,000
Project evaluation	-	-	-	-	15,000	-	-	15,000
CDIP side event	-	-	-	-	15,000	-	-	15,000
Total	20,000	10,000	70,000	-	155,000	154,200	17,000	426,200

[Annex II follows]

6. REQUEST TO PARTICIPATE AS A PILOT/BENEFICIARY COUNTRY

TEMPLATE FOR THE SUBMISSION OF REQUESTS TO PARTICIPATE AS A PILOT / BENEFICIARY COUNTRY	
Selection criteria	Brief description
1. Expression of interest	Confirmation that the IP bodies of the requesting country are interested in participating in the project.
2. Institutions and legal framework	<p>Please indicate the national bodies or institutions that oversee the IP-related subject matter that the project addresses (adaptation and mitigation of climate-related technologies and innovation)</p> <p>Links to the institution's website and legal texts should be provided, where possible.</p>
3. Criteria, as per WIPO Development Agenda project document	<ul style="list-style-type: none"> • Existence of clearly articulated climate change adaptation and mitigation priorities or strategies that could benefit from the integration of IP frameworks. • A demonstrated need to strengthen IP frameworks to facilitate access to climate technologies or promote domestic climate innovation. • A demonstrated interest and readiness from key stakeholders to strengthen innovation capacity by applying IP in climate-related priorities.
4. Need of support	Brief justification of the need for the support that the project will provide.
5. Commitment	Confirmation that the requesting country is committed to devoting the necessary resources and logistical support for the effective implementation of the project and its sustainability.
6. National Coordinator/ National Focal Point	The requesting country should propose a person, along with the person's professional position and employing organization, to act as its national coordinator and institutional representative for the duration of the project.
7. Comments	Any other information the requesting country wishes to provide.

[End of Annex II and of document]