

Committee on Development and Intellectual Property (CDIP)

Twenty-Sixth Session
Geneva, July 26 to 30, 2021

REVISED PROJECT PROPOSAL SUBMITTED BY EL SALVADOR ON THE
“SYSTEMATIZATION OF STATISTICAL DATA AND THE DESIGN AND IMPLEMENTATION
OF A METHODOLOGY FOR DEVELOPING IMPACT ASSESSMENTS ON THE USE OF THE
INTELLECTUAL PROPERTY SYSTEM”

Prepared by the Secretariat

1. The Committee on Development and Intellectual Property (CDIP), at its twenty-fifth session, discussed document CDIP/25/10 containing the *Project Proposal Submitted by El Salvador on the Systematization of Statistical Data and the Design and Implementation of a Methodology for Developing Impact Assessments on the Use of the Intellectual Property System*. The Committee “requested El Salvador to further develop the project proposal, with the assistance of the Secretariat, for its consideration at the next session”.
2. The Annexes to this document contain the Revised Project Proposal by El Salvador on the Systematization of Statistical Data and the Design and Implementation of a Methodology for Developing Impact Assessments on the Use of the Intellectual Property System.
3. *The CDIP is invited to consider the information contained in the Annexes to this document.*

[Annexes follow]

1. SUMMARY	
<u>Project Code</u>	DA_1_4_10_35_37_01
<u>Title</u>	Systematization of statistical data and the design and implementation of a methodology for developing impact assessments on the use of the intellectual property system.
<u>Development Agenda Recommendations</u>	<p>Recommendation 1: WIPO technical assistance shall be, inter alia, development-oriented, demand-driven and transparent, taking into account the priorities and the special needs of developing countries, especially LDCs, as well as the different levels of development of Member States. Activities should include time frames for completion. In this regard, design, delivery mechanisms and evaluation processes for technical assistance programs should be country-specific.</p> <p>Recommendation 4: Place particular emphasis on the needs of small and medium-sized enterprises (SMEs) and institutions dealing with scientific research and cultural industries and assist Member States, at their request, in setting-up appropriate national strategies in the field of intellectual property.</p> <p>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.</p> <p>Recommendation 35: To request WIPO to undertake, upon request of Member States, new studies to assess the economic, social and cultural impact of the use of intellectual property systems in these States.</p> <p>Recommendation 37: Upon request and as directed by Member States, WIPO may conduct studies on the protection of intellectual property, to identify the possible links and impacts between intellectual property and development.</p>
<u>Brief Description of Project</u>	The aim of this project is to build capacity to enable those responsible for managing IP-related databases to translate the data these contain into the most reliable evidence possible to support IP-related empirical studies. To this end, the project also looks to create synergies between the data contained in the IP databases and other relevant statistical data with existing data, which, in turn, can be translated into

	empirical data when needed, in order to help monitor the use of IP at the national level.
<u>Implementing Program</u>	Program 16
<u>Links to other related Program(s)/DA Project(s)</u>	<p>Project on Intellectual Property (IP) and Socio-Economic Development – Phase I (document CDIP/5/7 Rev) – Project Code DA_35_37_01</p> <p>Project on Intellectual Property (IP) and Socio-Economic Development – Phase II (document CDIP/14/7) – Project Code DA_35_37_02</p> <p>Programs 8 and 9</p>
<u>Links to Expected Results in the Program and Budget</u>	<p><i>Expected result III.1:</i> National IP strategies and plans consistent with national development objectives</p> <p><i>Expected result III.2:</i> Enhanced human resource capacities able to deal with the broad range of requirements for the effective use of IP for development in developing countries, LDCs and countries with economies in transition.</p> <p><i>Expected result III.6:</i> Increased capacity of SMEs, universities and research institutions to successfully use IP to support innovation.</p> <p><i>Expected result IV.2:</i> Enhanced access to, and use of, IP information by IP institutions and the public to promote innovation and creativity.</p> <p><i>Expected result V.2:</i> Wider and better use of WIPO economic analysis in policy formulation.</p>
<u>Project Duration</u>	36 months
<u>Project Budget</u>	499,300 Swiss francs, out of which 234,300 Swiss francs are non-personnel costs related to the fellowship for the position of project officer, who will provide support for the project coordination and implementation

2. PROJECT DESCRIPTION

2.1. Introduction and Objectives

The proposed project aims at developing a methodology to build the human and technical capacity of the relevant entities of a Member State for the economic assessment of IP and related policies at the national level. These assessments should support, facilitate and/or help assess the various public policies that could be adopted, in accordance with national development plans, and help to strengthen the interplay between social capital, productive undertakings and intellectual property. These economic assessments must be conducted using a methodology to be developed and systematized to that end. The final methodology will be an asset for all Member States.

This requires:

1. Organizing and systematizing existing data in the databases of the relevant IP office, as well as of data from surveys held by other national entities and/or other sources of statistical or economic performance data held in other State agencies;
2. Drawing on best practices to build the capacity of relevant officials, providing them with the training they need to develop these types of empirical studies;
3. Drawing on best practices to adopt a methodology for developing empirical studies on IP that will help, inter alia, to support the design and/or implementation of policies on the matter, using the most up-to-date and relevant data possible;
4. Exploring the possibility of carrying out the activities relating to items 1-3 above via a virtual platform, in order to be prepared for any scenario in the current context of the global pandemic, and enhance the transferability of the project outputs, in terms of methodology and databases, to other Member States.

2.2. Delivery Strategy

The above requires:

1. Evaluating the various public statistical databases held by the IP office, as well as the public statistical data held by the various State entities that measure business activity nationally as well as internationally, in order to gather information with a view to its subsequent systematization;
2. Where necessary and on agreement with the Member, aligning existing statistical databases so that these can be a basis for the regular and systematized development of economic studies that the State might need, in line with the methodology that is developed for conducting the IP assessments;
3. Designing, developing and systematizing a methodology that is based on best practices, in order to facilitate the development of assessments on the use of the IP system;

4. Training officials on database maintenance, as well as on the use, interpretations or conclusions that could be drawn from these databases and could lead to corresponding studies.

As indicated above (2.1, item 4), it should be noted that some phases of this project will be developed through meetings via virtual platforms.

2.3. Scope and Country Selection Criteria

In this pilot phase, the project will only consider a limited set of four countries (El Salvador and three other countries to be selected). A clear set of selection criteria for choosing the beneficiary countries is a key element for the success of the project.

To select these countries the Secretariat will consider:

- Region diversity: To enhance the likelihood of future replicability in other countries, the selection will consider geographical diversity in terms of regions.
- Data availability: Beneficiary countries should be considered in terms of existing data availability. Digitalized collections of IP unit record data are a minimum requirement. Access to complementary economic data is also a key criterion for the selection of a country.
- Local expertise availability: The beneficiary assessment will also include the need for recruiting and availability of local expertise on each case.
- Long-term compromise: Beneficiary countries should be willing to dedicate the necessary resources for the effective implementation of the project and its sustainability. They would also be willing to construct local networks between IP, statistical and other agencies to nurture the economic data system.
- Cost-efficiency: Any economies in terms of project administration, consultant's profile and travel will also be considered.

When reviewing the potential list of beneficiaries, the above criteria will be considered. Interested Member States should complete the template for submission of requests, contained in Annex II of this document.

2.4. Detailed Delivery Strategy

The detailed delivery strategy includes the following activities:

2.4.1. Project start-up

The project will start by recruiting internationally a project officer and international expertise as consultants. The project officer will assist with the day-to-day project work and will liaise with the international and local experts for the project's implementation.

Following the criteria indicated in section 2.3, four beneficiary countries will be selected for the implementation of the project.

2.4.2. Methodological design

The methodological design will aim at the international comparability of the resulting data and methodologies. Moreover, it will also contemplate its transferability to all participating countries and, in the future, to other non-participating countries.

The project will review the existing international best practices on IP data structuring for economic analysis. The best practices will be sought from leading IP offices with economic capacity (such as WIPO, USPTO, EPO, and UKIPO, among others) and any other relevant source combining IP data with other economic data.

The methodology will cover data structure and techniques for cleaning, enriching and merging data. It will also include ready-to-use IP related economic indicators. This methodology will be tested, revised and validated during the project.

2.4.3. Data assessment and collection

For each of the selected beneficiaries, the project will assess the coverage of the IP and economic unit record data and the feasibility to use it. The assessment will take into account the agencies maintaining the data, the periodicity of the data generation, and the quality of the data (e.g. digital availability).

The assessment will propose a collection strategy tailored for each country, which will include a calendar and detailed data documentation for each source.

2.4.4. Database consolidation

For each of the selected beneficiaries, the project will develop a data consolidation method. The data consolidation method will bridge the raw data of each source into a national database following the international methodology conceived in section 2.4.2.

Any new or improved technique (cleaning, enriching or merging) will be included in the international methodology.

Local consultants and technical government officials directly involved in the country study will receive in-job training on this activity.

2.4.5. Economic analysis

For each of the selected beneficiaries, the project will produce an economic analysis of the final database. The economic analysis will be used to test and enhance the methods in the international methodology conceived in section 2.4.2.

Local consultants and technical government officials directly involved in the country study will receive in-job training on this activity.

Each country specific external peer-review will be performed at the end of this stage.

2.4.6. Data publishing and training

The final economic analysis and database will be published and presented in each country. The publication will be paired with a training event aiming to disseminate the work among local researchers in academia and other similar institutions.

The project envisages performing these events virtually due to the current pandemic and to be cost-efficient.

2.4.7. Project wrap-up and follow-up design

Finally, the project will conclude with a series of wrapping-up activities. First, it will finalize the international methodology based on the project's critical review and inputs. Second, it will

perform a global virtual training based on the revised international methodology, which will also be open to the non-participating Member States. Last, it will critically assess the project results and evaluate potential follow-up steps to be presented to the CDIP.

2.5. Potential risks and mitigating measures

One potential risk is the current pandemic conditions and potential new waves, which pose a concrete implementation challenge. It is difficult to indicate the best implementation location for training, fact-finding missions and dissemination events. As a mitigation factor, the implementation will consider both travel and online alternatives.

Another potential risk relates to the uncertainty about the quality of data before starting each country project. This risk will be mitigated through thorough pre-assessments in the country selection process.

3. REVIEW AND EVALUATION

3.1 Project Review Schedule

A yearly progress report will be presented for the consideration of the CDIP.

A final self-evaluation will be carried out upon project completion and will be submitted to the CDIP.

A final independent evaluation report will be prepared by an external consultant upon project completion and will be submitted to the CDIP.

In addition, the implementation of this project will make use of external experts' peer-reviews. This will be implemented as typically done in other WIPO's economic studies, where international and local experts are invited to comment critically on the project's methodologies and results.

3.2 <u>Project Self-Evaluation</u>	
<i>Project Outputs</i>	<i>Indicators of Successful Completion (Output Indicators)</i>
All project milestones achieved	<ul style="list-style-type: none"> • Beneficiary countries selected and local focal points appointed on time. • Experts selected and hired on time • Assessment of IP and economic data in each beneficiary country carried out • Project implementation presented and discussed in the CDIP
All project deliverables completed	<ul style="list-style-type: none"> • Methodologies in place, tested and validated • Database developed and available for use in each beneficiary country • Studies delivered, including an external peer review, in each beneficiary country • Final economic analysis published for each beneficiary country on WIPO website and discussed in the CDIP • Trainings delivered
<i>Project Potential Outcomes</i>	<i>Indicators of success (outcome indicators)</i>
Adoption of designed international methodology	<ul style="list-style-type: none"> • Number of requests (including direct downloads) for the international methodology and related data
Adoption of designed local methodologies	<ul style="list-style-type: none"> • Number of data updates by beneficiaries and national users
Increased capacity of local participants to assess the economic impact of IP and related policies	<ul style="list-style-type: none"> • At least 60% of participants found the training program relevant • At least 60% of participants indicated that they would use the skills/knowledge acquired
<i>Project Objective</i>	<i>Indicators of Success in Achieving the Project Objective (Outcome Indicators)</i>
To develop a methodology to build the human and technical capacity of the relevant entities of a Member State for the economic assessment of IP and related policies at the national level	<ul style="list-style-type: none"> • At least 60% of government officials in the beneficiary countries consider that the methodology and the skills they have acquired are relevant for the economic assessment of IP and related policies at the national level

5. TOTAL RESOURCES BY OUTPUT

(Swiss francs)

<i>(in Swiss francs)</i>	Year 1		Year 2		Year 3		Total
	Personnel	Non-Personnel	Personnel	Non-Personnel	Personnel	Non-Personnel	
Project coordination and implementation support		87.100		90.100		87.100	264.300
1 International methodology		15.000		15.000		10.000	40.000
4 Assessments and collection of data		10.000		10.000			20.000
4 Databases consolidated		20.000		20.000			40.000
4 Economic analysis of the final databases				15.000		15.000	30.000
4 Publications of final economic analysis and databases				5.000		5.000	10.000
4 Training activities				30.000		40.000	70.000
1 Global training activity						10.000	10.000
Evaluation						15.000	15.000
Total	-	132.100	-	185.100	-	182.100	499.300

6. NON-PERSONNEL RESOURCES BY COST CATEGORY

<i>(in Swiss francs)</i>	Travel, Training and Grants			Contractual Services					Total
	Staff Missions	Third-party Travel	Training and related travel grants	Conferences	Publishing	Individual Contractual Services	WIPO Fellowships	Other Contractual Services	
Activities									
Project coordination and implementation support ¹							234.300	30.000	264.300
1 International methodology						40.000			40.000
4 Assessments and collection of data						20.000			20.000
4 Databases consolidated						20.000		20.000	40.000
4 Economic analysis of the final databases						30.000			30.000
4 Publications of final economic analysis and databases						10.000			10.000
4 Training activities	60.000					10.000			70.000
1 Global training activity						10.000			10.000
Evaluation						15.000			15.000
Total	60.000	-	-	-	-	155.000	234.300	50.000	499.300

[Annex II follows]

¹ Other contractual services related to administrative overhead.

Systematization of Statistical Data and the Design and Implementation of a Methodology for Developing Impact Assessments on the Use of the Intellectual Property System

TEMPLATE FOR THE SUBMISSION OF REQUESTS TO PARTICIPATE AS PILOT COUNTRY	
Selection criteria	Brief description
1. National coordinator	The requesting country should propose a person, indicating the position and the organization, who would act as national coordinator for the duration of the project, acting as the country's institutional representative.
2. Potentially participating institutions	<p>The requesting country should indicate the national body or institution in charge of:</p> <ul style="list-style-type: none"> - IP unit record data (indicate all of them in case than more than one) - Economic statistical data: (indicate all of them in case than more than one) <ul style="list-style-type: none"> o Industrial survey data o Innovation survey data o Employment survey data o Other relevant economic data <p>Please provide links to the institution website and a name of the technical person, where possible.</p>
3. Potential national research institution partner(s)	Reference to at least one existing research unit, organization or group from the academic system that could benefit from the IP data preparation. The typical case would be an academic institution doing research in the field of economics of innovation or IP.
4. Sample data	A sample of the IP unit record data in the current format. Additional data samples for economic statistical data are encouraged.
5. Expression of interest	Confirmation that the intellectual property and statistical bodies of the requesting country are interested in participating in the project.
6. Commitment	Confirmation that the requesting country is committed to devote the necessary logistical support and resources for the effective implementation of the project and its sustainability.

[End of Annex II and of document]