

TC ABSTRACT

I. Basic Project Data

▪ Country/Region:	PARAGUAY/CSC - Southern Cone
▪ TC Name:	Enhancing Intellectual Property(IP) Management in Paraguay: IP digitization and implementation of paperless system
▪ TC Number:	PR-T1260
▪ Team Leader/Members:	VENTURA, JUAN PABLO (IFD/CTI) Team Leader; CRESPI, GUSTAVO ATILIO (IFD/CTI); SUN, JUYOON (IFD/CTI); GONZALEZ ALZUALDE, YOHANA BEATRIZ (IFD/CTI)
▪ Taxonomy:	Client Support
▪ Number and name of operation supported by the TC:	N/A
▪ Date of TC Abstract:	16 Apr 2018
▪ Beneficiary:	Direccion Nacional de Propiedad Intelectual (DINAPI), Republica del Paraguay
▪ Executing Agency:	INTER-AMERICAN DEVELOPMENT BANK
▪ IDB funding requested:	\$ 780,000.00
▪ Local counterpart funding:	\$ 0.00
▪ Disbursement period:	24 months
▪ Types of consultants:	Individuals; Firms
▪ Prepared by Unit:	Competitiveness & Innovation
▪ Unit of Disbursement Responsibility:	Institutions for Development
▪ TC included in Country Strategy (y/n):	No
▪ TC included in CPD (y/n):	No
▪ Alignment to the Update to the Institutional Strategy 2010-2020:	Productivity and innovation ; Institutional capacity and rule of law

II. Objective and Justification

- 2.1 The general objective of the project is to upgrade the Intellectual Property Rights (IPR) system in Paraguay by supporting the National Directorate of Intellectual Property(DINAPI).
- 2.2 Paraguay handles the administrative procedure of intellectual property application and registration manually to process the paper documents which poses delays and potential errors. The general objective of the project is to upgrade the Intellectual Property Rights (IPR) system in Paraguay by supporting the National Directorate of Intellectual Property(DINAPI) to bring forth the initiative of e-government to enhancing public sector efficiency, effectiveness and accuracy of administrative procedures through automatization and providing greater accessibility through digitizing its services online. Through the National Development Plan 2014-2030 (PND, Plan Nacional de Desarrollo 2014-2030), the Government of Paraguay aims to accelerate competitive, sustainable and knowledge-based economic development. To transition from natural resources based economy to a knowledge-based one, Paraguay aims to pursue progressive development of the national innovation system. Development of open and transparent government and increasing the number of industrial patents are some of the key strategies for pursuing inclusive economic growth based on competitiveness and innovation. DINAPI is the national institution in charge of the administration of patents, utility models, trademarks, denomination of origin, geographical indications and industrial design in the country. It has developed the National Plan of Intellectual Property 2030 (Plan Nacional de Propiedad Intelectual 2030) to strengthen the institutional capabilities and to contribute to the transition

towards knowledge-based, diversified and competitive national economy. Currently, DINAPI utilizes outdated procedures and systems to fulfill its role, without taking advantage of the recent changes brought by the new digital technologies and automation. In addition, delays are worsened by limited human resources and inefficient paper-based manual administrative processes. Paper-based applications and examinations are stored in limited and inadequate physical spaces. Automation and digitization are a key step to provide quality services to innovators and other users and is necessary to enhance its use as a development tool.

III. Description of Activities and Outputs

- 3.1 Component I: Implementing IP document digitization system. The goal of this component is to implement an IP document digitization system which will generate electronic data. Digitized IP document will provide the basis for implementing paperless IP administration in DINAPI. Paper-based documents of IP applications and intermediate documents will be converted to electronic documents, from which a full-text document can be extracted and managed in database and file servers.
- Component II: Implementing a paperless IP system. The paperless IP system will process and store the documents in the electronic database and to remove the paper involved in the administration process. It will provide browsing and searching services for all digitized IP documents including applications, attached documents, interim documents, and receipt of fees.
- Component III: Capacity building and dissemination. This component will be comprised of the three following activities: i) local training workshops to provide in-house training for DINAPI officials to manage digitization and paperless IP system as well as the IT system to equip with knowledge on operation and maintenance of the IT infrastructure and system; ii) pilot digitization of 1,000 IP documents; iii) open dissemination seminars to raise public awareness and build capacities on the new IP system by training external users.
- 3.2 **Component I: Implementing IP document digitization system..** Implement an IP document digitization system which will generate electronic data
- 3.3 **Component II: Implementing paperless IP system.** Process and store the documents in the electronic database and to remove the paper involved in the administration process
- 3.4 **Component III: Capacity Building Program and dissemination.** To train officials of the DINAPI on the use of the newly installed systems and to raise public awareness on the IP system

IV. Budget

Indicative Budget

Activity/Component	IDB/Fund Funding	Counterpart Funding	Total Funding
Implementing IP document digitization system.	\$ 330,000.00	\$ 0.00	\$ 330,000.00
Implementing paperless IP system	\$ 330,000.00	\$ 0.00	\$ 330,000.00
Capacity Building Program and dissemination	\$ 120,000.00	\$ 0.00	\$ 120,000.00

V. Executing Agency and Execution Structure

- 5.1 This project will be executed by the Competitiveness, Technology and Innovation (CTI) Division of the Institutions for Development (IFD), a division with considerable

experience executing similar types of projects, in accordance with the Bank's Technical Cooperation Policy (GN-2470-2). The Bank through CTI specialists will supervise the technical and operational activities related to the project. The Bank will be the executing unit of the project and the beneficiary will submit a quarterly technical report with information about activities, products, results, and lessons learned. The contracting will be conducted by the Bank in accordance with the Bank's procurement policies and procedures. and the counterpart will provide information on the execution of Bank supported activities.

- 5.2 The execution of this TC will be carried out by the IFD/CTI Division of the Bank because of its considerable experience executing similar types of projects and technical operations in the field of innovation and technology.

VI. Project Risks and Issues

- 6.1 The international consulting firm's expertise of IP automation as well as understanding of the challenges of the Paraguay's IP system is crucial. The success of the project, especially for Component II and III, will depend on the close collaboration of the consulting firm and DINAPI to build capacity for IP management and to enhance administrative efficiency. Potential issue that is associated with the project is the user adoptability and easiness of use of the automatized IP system by the users, the applicants.

VII. Environmental and Social Classification

- 7.1 The ESG classification for this operation is "undefined".