

TC ABSTRACT

I. Basic Project Data

▪ Country/Region:	REGIONAL/CID - Isthmus & DR
▪ TC Name:	Creating Tools for Strengthening Planning and Implementation of Health Information Systems in the Region
▪ TC Number:	RG-T3566
▪ Team Leader/Members:	NELSON, JENNIFER A (SCL/SPH) Team Leader; BAGOLLE, ALEXANDRE (SCL/SPH) Alternate Team Leader; BERMUDEZ PLAZA, NEILI CAROLINA (SCL/SPH); SILVEIRA, SHEYLA (SCL/SPH); NEGRET GARRIDO, CESAR ANDRES (LEG/SGO); TEJERINA, LUIS R. (SCL/SPH); GUERRA, MARTHA M. (SCL/SPH)
▪ Taxonomy:	Research and Dissemination
▪ Number and name of operation supported by the TC:	N/A
▪ Date of TC Abstract:	11 Oct 2019
▪ Beneficiary:	Regional
▪ Executing Agency:	INTER-AMERICAN DEVELOPMENT BANK
▪ IDB funding requested:	US\$200,000.00
▪ Local counterpart funding:	US\$0.00
▪ Disbursement period:	24 months
▪ Types of consultants:	Firms; Individuals
▪ Prepared by Unit:	SCL/SPH - Social Protection & Health
▪ Unit of Disbursement Responsibility:	SCL - Social Sector
▪ 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:	Social inclusion and equality

II. Objective and Justification

- 2.1 The objective of this technical cooperation is to develop and validate tools for the design and implementation of digital health projects in the region. This will include the implementation of diagnostic tools such as maturity models, mapping the current architecture of information systems and meetings of experts. All activities will produce guides for replication of the tools in other countries in the region. Activities will also explore the use of information on socioeconomic determinants of health through the analysis of data from beneficiary registries of social programs.
- 2.2 Latin American countries can increase the average life expectancy of people by four years while maintaining current health and medical spending levels if they have the efficiency of OECD countries. The potential of digital technologies to improve efficiency has been demonstrated, however digital transformation is more complex and requires changes in people, processes and technology. The complexity of the health sector and especially technology for health services has caused lagging progress in the digital transformation of the sector, especially in Latin America and the Caribbean (LAC). Of the 19 countries included in a 2016 study by the Pan-American Health Organization (PAHO), only 52.6 percent have a national electronic health record (EHR) system and only 26.3 percent have legislation that supports the use of such systems. Furthermore, the data available are often of low quality and are fragmented across systems.

- 2.3 The social protection division of the Bank has been in the last two years developing and implementing a strategy to develop tools and processes to facilitate and improve the design of digital projects in the health sector. The tools that have been developed have already been implemented in 7 countries and the results have been used for the design of projects and for the strengthening of the bank as a technical partner in this area in countries in which we do not have such components. Tools developed include a Maturity model for Electronic Health records, a methodology for strategic planning and selection of critical investments (the Future State/Critical Success Factors method), two checklists for the early and late stages of project design, and execution and a guide for the administration of digital contracts. The Division has also created a webpage for sharing all the resources that have been created and a series of learning materials and videos to disseminate basic concepts and bring recommendations to policymakers who are interested in digital transformation of the health sector. However, additional tools to aid design and execution are required, especially to improve the social determinants of health, which require intersectoral actions. It is important to broaden the scope by including, for example, social registries that have large amounts of information related to factors that affect the health of the population, and technology Ministries that coordinate larger agendas for technology investments.

III. Description of Activities and Outputs

- 3.1 **Component I: Tools for the design and execution of digital health transformation** . This component will fund the implementation of one future state exercise to complete the validation of the tool and produce the final guides for its implementation, it will also fund one implementation of the revised version of the maturity model and the creation of the final guides for its implementation.
- 3.2 **Component II: Resources for Digital Transformation of Health and Social Protection** . This component will fund the development of two learning materials in health systems architectures and total cost of ownership that will be shared in the webpage +Digital. It will also fund the creation of additional media such as explanatory videos, interviews and visualizations for +Digital to promote knowledge dissemination.
- 3.3 **Component III: Regional Knowledge Exchange** . This component will include funding for workshops on digital health and single beneficiary registries. The workshop on digital health will include the participation founding and new members of the Red Americana de Cooperación sobre Salud Electrónica (RACSEL). The second will bring together directors of single beneficiary registries to explore their current state and opportunities to increase the value of data to address social determinants of health through interoperability.

IV. Budget

Indicative Budget

Activity/Component	IDB/Fund Funding	Counterpart Funding	Total Funding
Tools for the design and execution of digital health transformation	US\$120,000.00	US\$0.00	US\$120,000.00
Resources for Digital Transformation of Health and Social Protection	US\$40,000.00	US\$0.00	US\$40,000.00
Regional Knowledge Exchange	US\$40,000.00	US\$0.00	US\$40,000.00
Total	US\$200,000.00	US\$0.00	US\$200,000.00

V. Executing Agency and Execution Structure

- 5.1 The Technical Cooperation will be executed by the Bank (SCL/SPH)

- 5.2 The Technical Cooperation will be executed by the Bank due to its regional character. Given that the products of the technical cooperation need to be directly incorporated into Bank Project Life Cycle, no external institution has the technical knowledge to make this effective.

VI. Project Risks and Issues

- 6.1 Among the risks identified is the risk that the tools developed do not generate adequate ownership on the side of teams that will oversee design and execution of projects. Emphasis will be put to have team leaders as collaborators of any tool that is designed and tested and to make sure that their input is built into the design so that tools are easy to understand and simple to implement while at the same time maintaining their relevance in being informative to investment decisions.

VII. Environmental and Social Classification

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