

Applied Health Intelligence - Innovation for Implementation and Evaluation of Digital Health in LAC (D2423)

Description:

Healthcare in Latin America and the Caribbean is overdue for an upgrade, and it is clear that technology is opening up excellent opportunities to tackle critical health challenges in a cost-effective and scalable way. Evidence exists that digital solutions can combat non-communicable diseases and improve mental health and countries in the region are investing to digitally transform healthcare to improve quality, efficiency, and equity.

To harness digital tools to improve the efficiency, quality and equity of the sector, SPH works in four main areas: 1) support quality design, execution and evaluation of digital health transformation agendas & operations; 2) increase human capital in LAC for digital transformation; 3) build strategic partnerships within and outside of IDB for digital transformation; and 4) generate & disseminate knowledge for digital transformation of health services in LAC. This work is aligned to the broader SCL Digital Agenda to improve the efficiency of the sector, improve the quality of social services, and reduce inequality through digital services and is a critical area in the Health Sector Framework for Development.

This objective of this TC is to support the development and implementation of tools and support services for the design, implementation and evaluation of country operations with digital components and provide implementation support to IDB's digital health portfolio. Specific objectives includes 1) provide expert digital health services across the SCL/SPH portfolio related to business process transformation for the health sector specifically for Non-communicable diseases, mental health and connected health for all; 2) promote operational learning and knowledge exchange through the design of toolkits, learning materials, events and other technical resources to improve human capital and position the IDB as a credible technical partner for digital health transformation; and 3) conduct two evaluations of digital interventions supported by IDB operations.

This TC will also support the ground work for the Pan-American Highway for Digital health, a new regional initiative backed by IDB, PAHO and 16 countries in the region participating in LACPASS to enable Connected health services in LAC so that anyone that moves towns, health care providers, states or countries can access and share their health information. See video of President Goldfajn and Director Barbosa here:

Submitted by:

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Submitted on:

11/29/2023

Status:

Submitted

Category:

Research and Dissemination

Tags:

#digitaltransformation #health

Linked Ideas:**Whiteboard:****Team Leader Name**

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Alternate Team Leader Name

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Has the proposal been discussed and authorized by the responsible sector or country department/division, as applicable?

Yes

Team Leader Responsible Department

SCL

Are there specific countries that will directly benefit from your proposal?

Yes

Mark the specific countries that will be directly benefited from your proposal?

Argentina

Bahamas

Barbados

Belize

Bolivia

Brazil

Chile

Colombia

Costa Rica

Dominican Republic

Ecuador

El Salvador

Guatemala

Guyana

Haiti

Honduras

Jamaica

Mexico

Nicaragua

Panama

Paraguay

Peru

Suriname

Trinidad y Tobago

Uruguay

Venezuela

Where applicable, describe how the proposal aligns with the respective country strategy (for each country selected)

The objective of this TC is to develop tools, methodologies and services and support their implementation in all countries. Services are demand driven and often applied with additional resources from country TCs, loans, or existing national resources. SPH currently has digital health investments in 19 countries*. This TC will design and validate new services and support deployment of existing services. It does not restrict which countries are eligible to use tools or to receive support.

Countries are eligible to receive more than one service. Countries for evaluation have not yet been selected and will be selected based on level of implementation of intervention and relevance to SPH learning agenda referenced in the SFD.
*AR, BA, BH, BL, BO, BR, EC, ES, GU, GY, HO, JA, PE, PN, PA, SU, UR; DR and TT in pipeline

Does the proposal align to one or more sector frameworks?

Yes, the proposal aligns with at least one sector framework

Identify and describe how the proposal aligns to the sector framework(s)

This proposal aligns to the 2021 Health Sector Framework (HSF) Digital health transformation is included as a priority area in the HSF because it is critical to improve quality and efficiency of health systems and services and public health, and has the potential to reduce inequality and support the region to reach universal health coverage with quality. Specially, it aligns to Line of Action 3: Improve the organization and quality of healthcare service delivery particularly for diverse, marginal, and disadvantaged groups (See paragraph 5.11)

5.11 Digital health and information technology can contribute to UHC progress under the right conditions. The IDB Group has identified the contextual factors necessary for successful digital transformation in health, related to governance, regulations, and infrastructure, and the linkages that are necessary with healthcare service processes. In partnership with PAHO, the IDB Group will continue to develop knowledge products related to the use and implementation of digital health technologies. In its operations, it will also support components that contribute to digital health strategies that are aligned with a country's overall health strategy, including the adoption of EHRs and associated policies for interoperability, privacy and confidentiality, electronic prescriptions, telemedicine, digital signatures and others. For countries pursuing a digital health strategy, the IDB Group will support related investments in infrastructure, including internet connectivity and hardware, along with Infostructure (see ¶3.57). The IDB Group will build on existing initiatives to support implementation of national eHealth business and technical architecture. IDB Invest and IDB Lab may finance innovative private sector initiatives in digital health where the national eHealth architecture is appropriate.

Select the regional challenges and cross-cutting issues to which the proposal aligns to

Social Inclusion and Equality

Productivity and Innovation

Institutional Capacity and Rule of Law

Gender Equality

Justify the alignment to each selection above

This proposal is consistent with the Second Update to the Institutional Strategy (AB-3190-2) and is aligned with the development challenges of "Social Inclusion and Equality" and "Productivity and Innovation" by supporting: (i) governments to implement quality digital health services such as telehealth and access to health information, including marginalized and remote groups; and (ii) improving skills of the health workforce related to digital health transformation and productivity through the use of digital tools.

This proposal is aligned with the cross-cutting theme of "Gender Equality and Diversity", as this TC creates specific tools and guides for the application of the technology inclusively and impact evaluations will generate evidence on the inclusiveness of investments. This proposal is also aligned with the cross cutting theme of "Institutional Capacity and Rule of Law", as it supports strengthening institutional capacity through evaluations and application of digital tools.

What is the estimated funding that you need in order to implement this proposal?

500000

Select the expected outputs of this proposal

Project Preparation Deliverables (Implementation and Management Plans, Procurement Plans, M&E Plans, etc.)

Institutional Strengthening Deliverables (Training products, Management Information Systems, etc.)

Events (other than policy dialogues)

Knowledge Products

Pilot Interventions

Are outputs strictly Knowledge Products?

No, the output is not strictly a Knowledge Product

Describe the motivation and main question(s) this TC intends to answer.

Describe the methodological approach to be used and the type of data (when applicable) which will be used

Please specify the type(s) of Knowledge Product (s) this TC encompasses:

Magazines and Learning Materials

Databases & Datasets

Technical and Policy Notes

Software

Please provide a brief description of the output(s) selected above (The number of units planned, and the estimated cost). If you selected others, please specify.

1) Three (3) digital health agendas and roadmaps completed (100K);

2) Three (3) toolkits for policy makers and implementers related to business process transformation for NCDs, mental health and inclusion designed and implemented (250K);

3) Two (2) technical notes published evaluating the effectiveness and/or cost-effectiveness of digital health interventions (150k).

Examples of results generated through previous digital health toolkits:

Salud Digital Ecuador (website with digital health agenda, roadmap for 50M of investments, assessments and ToRs for 10.5M of current investment in digital health

<https://socialdigital.iadb.org/en/sph/pages/40fd4e4c12358ddfa42eba0177db3b5057a13849>);

Peru Digital Health Agenda (<http://bvs.minsa.gob.pe/local/MINSA/5165.pdf>);

Blog describing support provided to El Salvador in Digital Health (<https://blogs.iadb.org/salud/es/como-el-tour-de-francia-un-gran-recorrido-hacia-la-transformacion-digital-en-salud/>)

Support for the first connectathon in digital health in Colombia (<https://www.minsalud.gov.co/ihc/Paginas/Conectaton-IHC-Colombia-2022.aspx>)

Health Information Exchange Toolkit: <https://socialdigital.iadb.org/en/sph/resources/toolkits/19076> ;

Electronic Health Record Scorecard Toolkit: <https://socialdigital.iadb.org/en/sph/resources/toolkits/19002> ;

Cybersecurity in Health Toolkit: <https://socialdigital.iadb.org/en/sph/resources/toolkits/19126>

Outcomes: If the outputs are delivered successfully, what is the change expected (in capacity, knowledge, behavior, etc.)

(i) increasing the number of countries that make sustainable and holistic investments in digital health by approving national digital health agendas and roadmaps and policies to improve governance, cybersecurity, and HIE in line with international standards; (ii) increased public sector capacity to implement large-scale digital health transformation initiatives; and (iii) increased coverage of quality and efficient digital health services to improve health outcomes for LAC citizens

(1) **Attachments**

digital house.png

0 Comments