

1. Title of Proposed Project

Feasibility study of integrated IT system for Ministry of Health and Social Protection, ADRES and all the health sector actors.

2. Organization

Ministry of Health and Social Protection, ADRES and other actors in the health sector.

3. Project Background

The Ministry of Health and Social Protection was beneficiary of a Korean Knowledge Sharing Program - KSP for supporting healthcare quality governance and Financial Management in Colombia. As one of the results Korea gave to the Colombian Government a final report. In it Korea "recommended that Colombia need to be able to establish a nationwide system for sharing treatment information, a standardized system for basic code integration, an efficient medical claim filing and reimbursement system, and a user-centered system. This, in turn, would boost the efficiency of and satisfaction with the health insurance system and services provided to the public. In addition, it would secure the sustainability of health insurance finance. Finally, it would help produce accurate healthcare statistics quickly so that health policies can be devised in a timely manner, contributing to better public health" (Final report, pg. 212)

The Law 1753 of 2015 by which the National Development Plan 2014-2018 "All for a new country", in article 66, creates the Administrative Entity of the Resources of the General System of Social Security in Health- SGSSS, (ADRES by initials) in order to guarantee the adequate flow of resources and the respective controls. The Entity will be part of the SGSSS, it will be ascribed to the Ministry of Health and Social Protection (MSPS), with legal status, administrative and financial autonomy and independent patrimony.

The first step to advance in it, the Ministry of Health and Social Protection and all the actors in the health sector need to implement electronic billing . It is requiere that the Ministry and ADRES work together in the minimum standard and requirements for the implementation of the e-claims that can be used throughout the country, taking into account the disparities in connectivity and use of technology that exists in areas rural and scattered. This is expected, to comply with Law 1819 of 2016, and the requirements of the Directorate of National Taxes and Customs - DIAN contained in Resolution 19 of 2016, and Decree 2242 of 2015; according to this, it is compulsory for all economic sectors to generate and to receipt e-claims from January 11th of 2019 and that is a deadline for health sector too.

Colombia need a consolidate data system to report and process the information to advance in mechanisms to avoid risk management problems. Colombian government is also seeking to advance on the consolidation of the E-government (digital government).

4. Project Description



General objective: Feasibility study of integrated IT system for Ministry of Health and Social Protection, ADRES and all the health sector actors.

Specific Objectives:

1. To advance on a diagnosis of the information system of the health sector and how it is operating
2. Develop a feasibility study that will result in the basic design and costs for the implementation of interoperability system allowing to connect to decentralize data with the national data of the Ministry.

The study will provide recommendations on:

- 2.1. Government regulation - legal framework.
- 2.2. IT needs: tools, apps, cloud.
- 2.3. IT requirements for scattered areas and minimum technological standard for the implementation of electronic billing in public hospitals in scattered areas
3. Provide technical recommendation for the integrated information system and technical requirements for big data and data mining.

5. Priority of Project

Advance in a consolidated IT system for diminish financial risks in the health system and work as an input for health accounts.

6. Expected Outcomes of Project

- Definition of the information system scope
- Analysis of law and regulation related e-service and systems
- Analysis of existing information system and systems and establish the integration plan
- Establishment of development & interoperation plan phase by phase.
- Cost and schedule plan (including resource mobilization plan)

7. Expectations on Korean Experts

To work together with Colombian government (ministry of IT, national entity for ID information- Registraduria Nacional del Estado Civil, Ministry of Finances - DIAN), provide technical assistance and advice.

Expected products:

- Definition of the information system scope
- Analysis of law and regulation related e-service and systems
- Analysis of existing information system and systems and establish the integration plan
- Establishment of development & interoperation plan phase by phase.
- Cost and schedule plan (including resource mobilization plan)