

PC-Axis Reference Group Meeting, Helsinki, Finland 5-7 September 2007.

2007 Report on the use of PC-Axis in INE Guatemala

Introduction

Since 2006, the Instituto Nacional de Estadística of Guatemala (INE) has been working in cooperation with Statistics Sweden (SCB) to consolidate statistical processes.

A project identification mission was conducted on 14 – 18 February 2005 (GTSTAT 2005:01) where the main conclusions were that INE is in the process of consolidating its statistical production. INE has until recently been engaged in some statistical surveys but has not had the total responsibility for Guatemala's statistical production. INE is currently involved in a wide-ranging consolidation process that aims to take over total responsibility of statistical production. The main covered topics are: management, economic statistics and IT.

The project engages two long-term advisors; one within the management area that will end in December 2007 and the second one within IT that will be completed in August 2008.

The project is funded by the Swedish International Development Cooperation Agency (Sida/Asdi) and The Norwegian Agency for Development Cooperation (Norad).

Cooperation background

INE counts with the production of different household and agricultural surveys, however each survey and census have been worked separately, having different system of storage, database formats, implying no standardization between the variables and between the data base. The main objective is to count common database so data can be compared within surveys, implementing good management and security of data.

One of the main areas of cooperation has been the IT department working in the database implementation for all surveys and census; still, as it has been explained before, a important step of standarization and metadata has to be implemented in the same time.

Since 2006, different missions have been held within the IT department and with the IT people in charge of each survey and census. Two main areas were identified; database security/management and a continuation of database modeling.

Metadata and standardization work have been implemented, and since June 2007 a common format of metadata has been tested for surveys and census done since 2002. A beginning of work to found common variables between surveys has been done, standarisng definitions and codification.

PC-Axis missions and implementation

The first mission of PC-Axis was held in October 2006, where the dissemination tool PC-Axis was presented to several departments at INE in order to get an overview of the functionality of all the programs included in the PC-Axis family.

In February 2007, the second mission was held. In this case, one person of INE went to SCB to have more detailed information on how the dissemination tool PC-Axis works, so it can be implemented into INE's dissemination strategy.

However, one of the objectives was also to have more information about the metadata system used in SCB, to be taken in consideration by the Technical team who's already working to implement metadata production and standarization for INE's survey and census.

INE counts different database formats and the migration to an SQL database is in implementation. It is suggested that IT team, in a first moment, should be in charge of the generation of pc-axis files from the last surveys/census till when new surveys will generate their database in SQL, the data should be retrieved directly form the SQL database.

In June 2007, the last mission was held by Louise Björkell in order to implement the SQL metadata model that is necessary for PC-Axis SQL. Work by the IT function to add the necessary meta data, using information from the existing Census database when possible.

The mission included creating SQL to aggregate the micro data in the Census database to macro data and insert it in the database described in the metadata base. Also translation to Spanish of the text for PC-Axis SQL interface. PC-Axis files produced from the SQL database were shown in PX-Web on the consultant's laptop and instructions for installation of PX-Web at INE were given.

Since July 2007, the Intranet page includes the Population census data as well as the ICP data for the current year. It is planned to have access to the same data from INE's web page – www.ine.gob.gt – which is in reconstruction.

Further work

In the next months, it is planned to have 3 more surveys on SQL, at the moment of using PC-Axis SQL, the connection of the retrieval of tables from PX-Web will be automatically done and hopefully it can be implemented in INE's web page.

As Guatemala present few access of data by internet, it is recommended that the stand alone version of PX-Web, to put on CD, should follow the same layout as the web version so the user do not perceive any difference of institutional image.



INTRANET

ADMINISTRACIÓN

ESTANDARIZACIÓN

FINACIERO

[GERENCIA](#)

[INFORMÁTICA](#)

CENSOS Y ENCUESTAS

INDICES Y ESTADISTICAS CONTINUAS

DOCUMENTACION

-Nuevo-

[PX-WEB](#)

Este sitio está diseñado para que usted tenga acceso a la información relacionada

con cada uno de los departamentos listados.

Fig.1 INE's Intranet page.