

does, how it functions and how it would fit into their current system. For this department, 1993 will be an information-gathering year before a purchase will be made in 1994.

SEDESOL is undertaking a major mapping project this year called the "One Hundred Cities Program" (Programa de Cien Ciudades) to survey 100 medium-sized cities in Mexico.

SEDESOL is a super-secretariat in charge of social development programs, including environmental monitoring and urban development. The department frequently exchanges information with other government departments, such as INEGI, Agrarian Reform, Tourism, SCT and SARH (Agriculture and Water Resources).

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The One Hundred Cities Program will involve aerial photography, ground control, land surveys, compilation and digital restitution. Maps will be done to a scale of 1:4,500. Outside of INEGI, it appears to be the largest project being undertaken this year: the estimated budget is U.S.\$60 million.

SEDESOL recently installed a GIS. The system, installed by Intergraph, is small, consisting of one IBM 386 PC. Ing. Delia Moreno, the Subdirector of Cartography and Photo Interpretation (Telephone 589-3431, direct line), indicated that SEDESOL wants to expand the system to a network of three or more workstations and more advanced plotting and mapping equipment. Currently, all information is stored in the form of negatives. The department is beginning to digitize the data and hopes to eventually have all data in that format. Data from the One Hundred Cities Program will be among the first to be placed on the computer database.

The Department of the Federal District (DDF) is the city government of Mexico City. Like Washington, D.C., it is a federally-administered entity.

The cadastral system in DDF maintains one of the most advanced GIS systems in the country. The system hardware contains 24 workstations, two servers, a VAX mainframe with three connected stations, and two plotters. For software, the system uses Interactive Graphic Design System and Microstation 32 along with MGE, MGA and Microstation Projection Manager. The system was installed two years ago by Intergraph of Huntsville, Alabama.

The cadastral system is primarily used for property tax assessment, but other city departments, such as water and sewage, also use it. The principal populated areas of the city are now mapped and the system has 66 maps of the city in 1:10,000 scale and 1,907 maps in 1:1,000 scale, 1,790 of which are digitized. Most of the northern and central areas of the city have been surveyed and mapped with the system. The department is now concentrating on the southern area.

In 1993, the department will be continuing its survey and mapping program in the south of the city. Over the next four years, the department plans to map approximately 500 sections per year in 1:1,000 scale. The process will be begun with an aerial survey of the city to determine priority areas. This will likely take place in March or April, 1993, before the rainy season starts (normally May to September). Mr. Lorenzo Hernandez, the Subdirector of Operations for Cadastral Systems at DDF, stated that the 1993 plans and budget for the project are still being finalized. Like all large projects, the contracting will be done through public tender.

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