

- The National Ecology Institute (INE), formerly included in the Secretariat for Urban Development and Ecology (SEDUE) is the national body in charge of research, legal aspects and enforcement of environmental problems. The 1989-1994 National Development Program has stressed the high priority of scientific and technological activities in general, but with a special emphasis on ecology and environment in order to develop instruments to save and maintain ecological balance, to more effectively use natural resources and to develop advanced methods of air and water pollution and the appropriate disposal of industrial and municipal wastes. Coupled with this, the INE is developing a national education, research and training system related to the environment and its problems.

- Petroleos Mexicanos (PEMEX) is the national oil company, a decentralized agency owned directly by the State. Its activities include the exploration, production and distribution of crude oil; refining and distribution of gasoline and oil products; production and distribution of petrochemicals, and research and development related to the petroleum industry. PEMEX has estimated it will need a total of \$18.5 billion during the 1993-1997 period for capital expenditures, 59% of which will be for exploration and production, 32% for refining, and 9% for gas and petrochemicals. PEMEX's purchases of measuring and analytical instruments are budgeted at \$62.3 million in 1993, of which \$21.7 million are planned to be sourced from the Houston office. Instruments of imported origin are nevertheless higher, since many instruments are purchased in Mexico City from local distributors.

- PEMEX also includes the Mexican Petroleum Institute (IMP) which was established in 1965 as a research, training and engineering consulting organization. It employs close to 3,500 engineers and technicians who conduct most of PEMEX's projected engineering work. Through the IMP, Mexico has established a distinguished research and development record in the petroleum industry worldwide. PEMEX also heavily relies on the IMP for technical advice and testing in Mexico before it buys products of new technologies or from new suppliers. Its is involved in all aspects of the petroleum industry, including to satisfy technological and equipment needs, to improve the interpretation capacity of the information gathered in exploration fields, to identify the physio-chemical conditions of development fields to increase the extraction of identified reserves, to apply more efficient secondary recovery methods, to design methods to improve the quality of refined products, in particular as related to environmental protection, and to design different systems and equipment for the transportation, distribution and storage of hydrocarbons.