

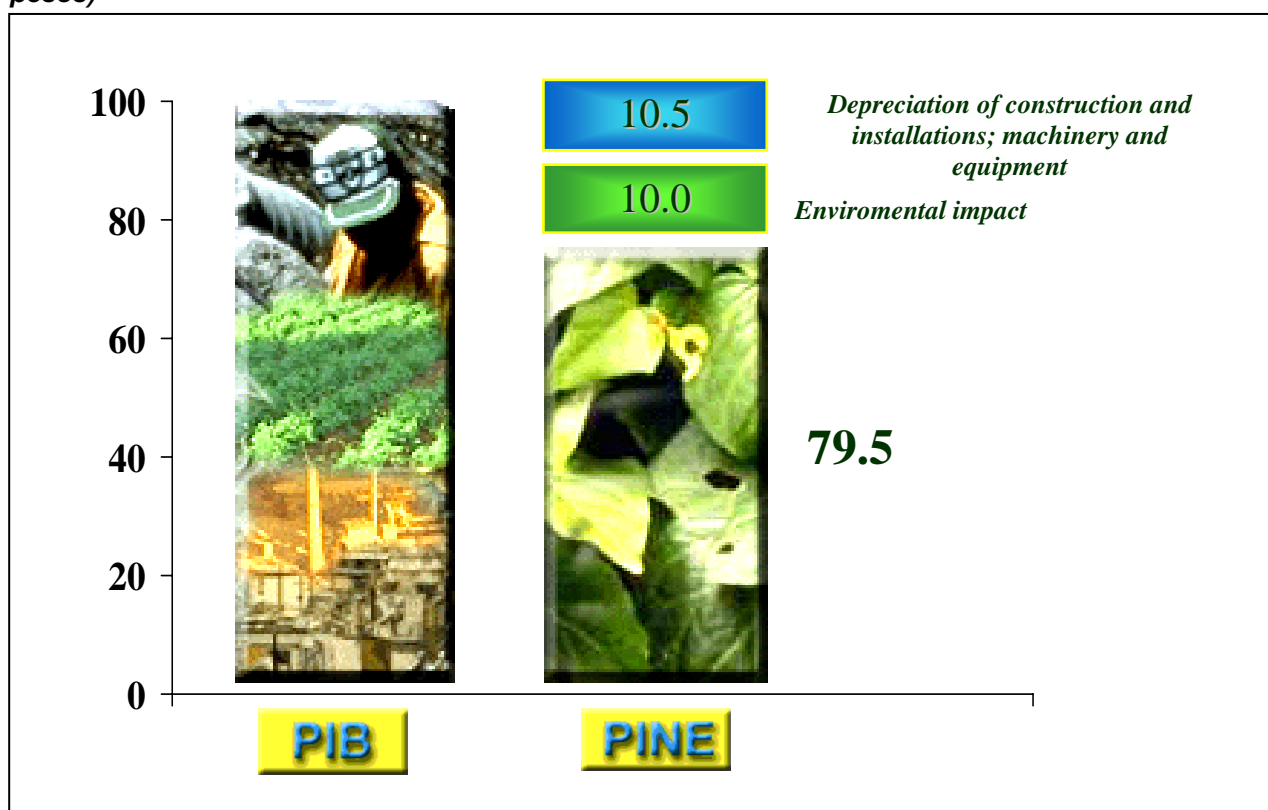
## System of Economic and Ecological Accounts, Mexico (SEEAM)

Project that allow us to link information about variables of the System of National Accounts such as GDP, consumption of fixed capital, fixed gross capital formation, etc., with data referred about the state that keep natural resources: petroleum, water, air and land.

It includes, for the diverse environmental themes, boards where have registered physical units through environmental and economic assets balances or flows, barrels of petroleum, cubic meters of timber, hectares of forests, among others, as well as monetary accounts units in current prices.

Inside the objectives, there is a synthesis indicator identification such as Net Ecological Domestic Product (NEDP), defined like an economic growth measure under a sustainability focus, obtained from GDP less consumption of fixed capital and attributed costs by environmental use; these latter represent natural resources depletion and environmental degradation.

*Participation of natural resources depreciations in the GDP, 1997-2002 average (in millions of current pesos)*



At this point, and inside institution's mission, the project helps to satisfy information requirements of the different sectors among the society, providing and promoting the National System of Geographic and Statistical Information.

## **National and international Mandatory**

The results obtained from the implementation of this project respond to the national and international demands for having synthesis indicators that reflect the damage caused to the environment because of the human activities, such as production, distribution and consumption of goods and services.

Within the national scope, the Ecologic or “green” GDP has been selected in the National Plan for Development 2001-2006 as one of the indicators “...in order to assure that the economic policy advances in the desired direction”<sup>1</sup>, and that it reflects sustainable development.

Internationally, it responds to the mandatory signed in the 21 Agenda, in the sense of the instauration of ecologic and economic accounting systems for all of the member status, as a complement to the traditional systems of National Accounts<sup>2</sup>.

## **Main sources of information**

Each subject has its own specific calculation method, corresponding to the availability and credibility of the sources of information, as well as to the support provided by different public, private or academic institutions.

Regarding the previous point, we must recognize the support provided by the Environmental and Natural Resources Secretariat in Mexico (SEMARNAT), which has provided different kinds of information, collaborations, and advisory, as well as the publication of the “Inform on the Environment Situation, 2002”, which compiling of environmental statistics, notes and considerations are a very important input for the present study.

It is important to point that a permanent exchange of information and similar projects feedback is realized with SEMARNAT, consulting with officers from different areas and organisms that depend on SEMARNAT, such as the National Ecology Institute (INE), The National Water Commission (CAN), The National Commission for the Use and Knowledge of Biodiversity (CONABIO) and the National Forest Commission (CONAFOR). The inputs necessary for the development of the project can be summarized in a subject scheme. The project is under a permanent process of actualization by incorporating the information that is generated every day, as well as the new recommendations for methodology and concepts.

## **Medium Term Tasks**

- To identify new forms of valorization to improve the presented statistics
- Enlarging of the theme coverage that allow observing with greater accuracy the pressure that natural resources are under because of the economic activities.
- Reestablish the working groups with institutions related to environmental and natural resources issues in order to develop specific subject that result of common interest.

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<sup>1</sup> Presidency of Mexico. National Plan for Development 2001-2006, pag. 57

<sup>2</sup> Vid Agenda 21, Chapter 8, paragraph “D”: *Establecimiento de sistemas de contabilidad ecológica y económica integrada.*

- Additionally, it is very important to incorporate regional studies, in order to have available specific information that works as a support for the decision making at a local level.

## SEEAM Publications

PUBLICATION	COVERAGE	PERIOD OF GENERATION	PRINTING DATE
1. Integrated Environmental and Economic Accounting. A Case Study for Mexico	Reference 1985	November 1989-December1991	Dec-1991
2. System of Economic and Ecological Accounts, Mexico (Spanish), publication 1985-1990, inside the CD "Historical Statistics of Mexico"	Reference 1985-1990	January 1992-January1994	Feb-1994
3. System of Economic and Ecological Accounts, Mexico (Spanish), publication 1985-1992	Reference 1985-1992	March 1994-March1996	Apr-1996
4. System of Economic and Ecological Accounts, Mexico (Spanish), publication 1988-1996	Reference 1988-1996	May 1996-February 1998	Jan-1999
5. System of Economic and Ecological Accounts, Mexico (Spanish), publication 1993-1997	Reference 1993-1997	January 1998-February 1999	August-1999
6. System of Economic and Ecological Accounts, Mexico (Spanish), publication 1993-1998	Reference 1993-1998	January 1999-March 2000	Jun-2000
7. System of Economic and Ecological Accounts, Mexico (Spanish), publication 1993-1999	Reference 1993-1999	January 2000-Dec 2000	Dec-2000
8. System of Economic and Ecological Accounts, Mexico (Spanish), publication 1995-2000	Reference 1995-2000	January 2001-Feb 2002	Mar-2002
9. System of Economic and Ecological Accounts, Mexico (Spanish), publication 1996-2001	Reference 1996-2001	April 2002-March 2003	May-2003
10. System of Economic and Ecological Accounts, Mexico (Spanish), publication 1997-2002	Reference 1997-2002	May 2003-March 2004	June-2004

### Internet Link:

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