

RESEARCH DEVELOPMENT AND EXTENSION

Chapter 1  
Research and Development

**SEC. 80. *Declaration of Policy.*** - It is hereby declared the policy of the State to promote science and technology as essential for national development and progress.

The State shall likewise give priority to research and development, invention, innovation, and their utilization and to science and technology education, training, and services. In addition to appropriate and relevant technology, the State shall support indigenous and self-reliant scientific and technological capabilities and their application to the country's productive system and national life.

**SEC. 81. *The National Research and Development System in Agriculture and Fisheries.*** - The Department, in coordination with the Department of Science and Technology and other appropriate agencies and research institutions shall enhance, support and consolidate the existing National Research and Development System in Agriculture and Fisheries within six (6) months from the approval of this Act: Provided, That fisheries research and development shall be pursued separately, from but in close coordination with that of agriculture.

**SEC. 82. *Special Concerns in Agriculture and Fisheries Research Services.*** - Agriculture and Fisheries Research and Development Activities shall be multidisciplinary and shall involve farmers, fisherfolk and their organizations, and those engaged in food and non-food production and processing, including the private and public sectors.

Research institutions and centers shall enjoy autonomy and academic freedom. The Department, in collaboration with the Department of Science and Technology and other appropriate agencies, shall harmonize its merit and output oriented promotion system governing the scientific community in order to promote increased research excellence and productivity and provide the government research system a competitive edge in retaining its scientific personnel.

Appropriate technology shall be used to protect the environment, reduce cost of production, improve product quality and increase value-added fro global competitiveness.

**SEC. 83. *Funds fro Research Development.*** – Considering the nature if research, development and extension activities, funding shall be based on the following guidelines:

a.) Allocation of multi-year budgets which shall be treated as research and development grants.

b.) The budget for agriculture and fisheries research and development shall be at least one percent (1%) of the gross value added (GVA) by year 2001 allocating at least one percent (1%) of the total amount by 1999. The Department of Finance (DOF) in consultation with the Department shall formulate revenue enhancement measures to fund this facility.

c.) At least twenty percent (20%) shall be spent in support of basic research and not more than eighty percent (80%) shall be used for applied research and technology development, of which at least ten percent (10%) shall be used for technology packaging and transfer activities.

d.) A science fund shall be established from which the scientific community in agriculture and fisheries shall draw its financial resource for sustained career development: Provided, That only the interest earnings of the funds shall be used.

The Department and other research agencies in the national interest are encouraged to go into co-financing agreements with the private sector in the conduct of research and development provided that the terms and conditions of the agreement are beneficial to the country.

**SEC. 84. *Excellence and Accountability in Research and Development.*** - The Department, in collaboration with the Department of Science and Technology and other appropriate government agencies, shall formulate the national guidelines in evaluating research and development activities and institutions, which shall involve an independent and interdisciplinary team of collegial reviewers and evaluators.

**SEC. 85. *Communication of Research Results and Research Extension Linkage.*** - Research information and technology shall be communicated through the National Information Network (NIN).

All government agencies including the state colleges and universities and private educational institutions selected, as NCEs shall be computerized, networked, provided with regular updated information and shall likewise provide, through the NIN, results of research and development activities and current available technology relating agriculture and fisheries.