

Department of Science and Technology



The **DOST** logo consists of four tangential circles cut away by each of their perpendicular radii to form a square at the center. The four circles project an image of movement to signify progress through S&T.

Inside the square is a four-pointed star that symbolizes scientific creativity. The official colors of the DOST, i.e., black (stands for the unknown), white (for truth and enlightenment), and blue (for progress)

Legal Basis

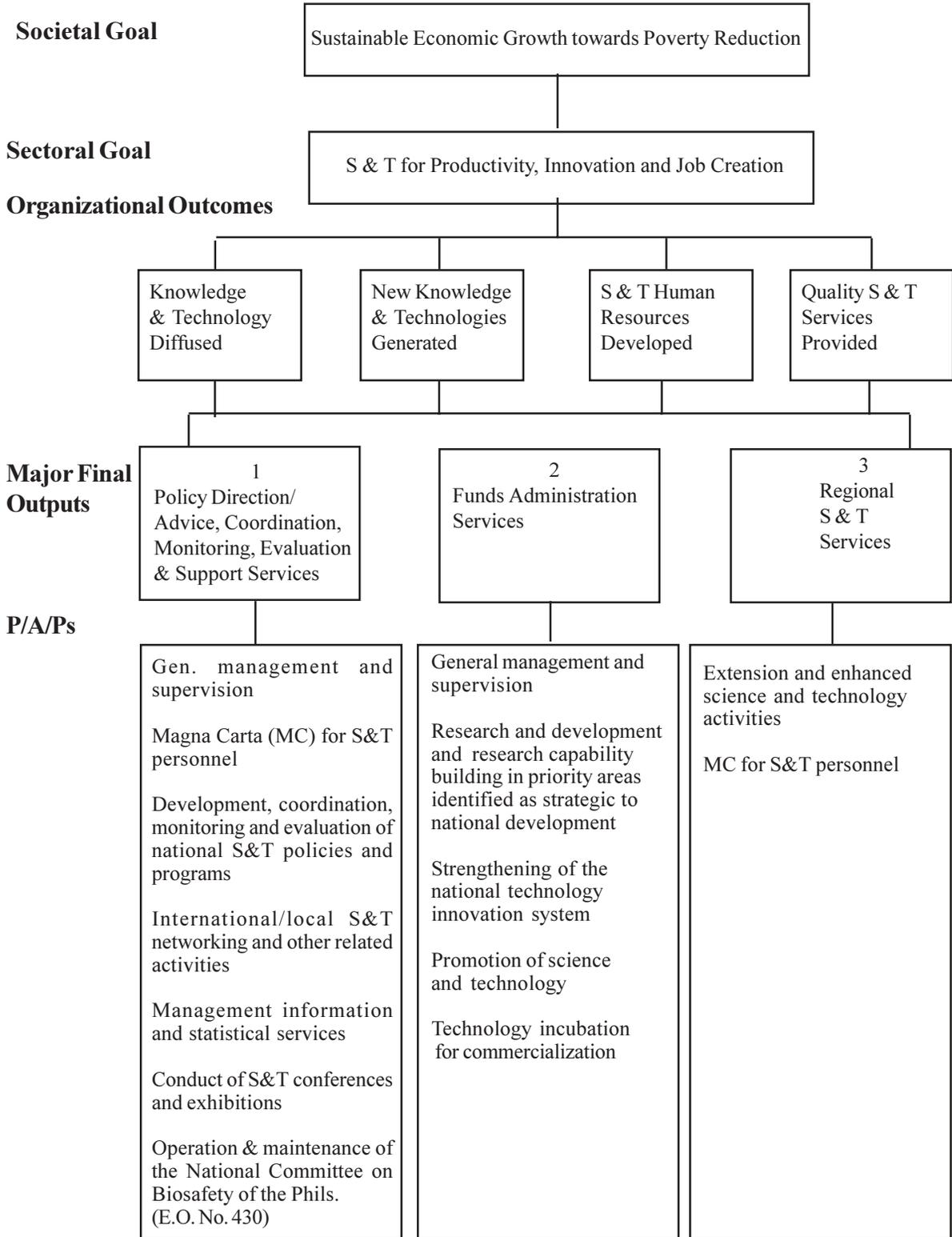
- **Republic Act No. 2507** (June 13, 1958), Science Act of 1958, originally established the DOST as the National Science and Development Board (NSDB).
- **Executive Order 784** (March 17, 1982) reconstituted/elevated the NSDB into the National Science and Technology Authority (NSTA).
- **Executive Order 128** (January 30, 1987) elevated the NSTA into a cabinet-level agency, the Department of Science and Technology.

Mandate

The Department of Science and Technology (DOST) provides direction, leadership, and coordination of all scientific and technological efforts/activities in the Philippines and ensures that the results therefrom are geared and utilized in areas of maximum economic and social benefits for the people.

Modern technology is key to sustained and broad-based socio-economic program. - PBM FY 2002

LOGICAL FRAMEWORK (DOST)



ORGANIZATION OUTCOMES

Diffusion of Knowledge and Technologies

Technology diffusion is recognized worldwide as necessary for generating economy-wide benefits from innovation in terms of productivity gains and job creation. Knowledge and technologies are diffused through various channels and involve a broad range of private and public institutions that, taken as a whole, make up the national innovation.

The DOST gives primary focus on technology and knowledge diffusion to increase the productivity of the various economic sectors, particularly small and medium enterprises. Technology and knowledge diffusion demonstrates visibly how DOST efforts redound to real socio-economic benefits for the Filipino.

Generation of New Knowledge and Technologies

An important source of new knowledge and technologies is research and development (R&D). R & D is defined as creative work undertaken on a systematic basis to increase knowledge (including knowledge of man, culture and society) and to use this knowledge to devise new applications.

Development of Human Resources for the S&T Sector

The development of human resources for the S&T sector involves a wide range of interventions from the provision of high-quality formal education at all levels (elementary to university level) to specialized training, with focus on young scientists and engineers; and the development and retention of the country's S&T talents.

Provision of Quality S&T Services

The DOST, in its effort to be responsive to the needs of its client sectors, enhances the provision of quality S&T services. These services include testing and calibration, to help SMEs develop new products and improve quality and competitiveness; disaster preparedness and mitigation, to reduce loss of lives and property; S&T promotion, to increase the level of awareness on and develop S&T culture; and ICT based services, to maximize the benefits brought about by the advances in ICT.

MAJOR FINAL OUTPUTS

1. Policy Direction/Advice, Coordination, Monitoring, Evaluation and Support Services

The Department is the lead line agency in formulating and implementing policies, plans, programs and projects for the development of science and technology and in ensuring that the results of scientific and technological activities are properly applied to accelerate economic and social development. It continuously renews the state and needs of science and technology in the context of the country's development goals.

Associated Activities :

Policy studies, preparation of policy and position papers and formulation of S&T plans, including S&T-based solutions to pressing national problems and support among leaders and policy makers

2. Fund Administration Services

The DOST, being at the forefront of the country's S&T activities, operationalizes a scheme for the efficient and effective use of limited resources to ensure that a high rate of return of investment on S&T will be achieved.

Associated Activities

Technical and financial support for the development of S&T research projects in accordance with identified priorities and strengthening and development of research capabilities in S&T

Implementation of integrated S&T programs and projects focusing on identified priority areas

Collaborative S&T programs/projects undertaken on a cost-sharing basis

3. Regional S&T Services

The DOST has Regional Offices as its implementing arm nationwide which carry out the policies, plans, programs and projects of the Department. The Regional Offices provide effective and efficient S&T services to the people at the grassroots level and coordinate with local government units and SUCs in the region on S&T matters.

Associated Activities :

Projects and services are implemented through technology transfer and commercialization, testing and analysis, calibration, information dissemination and consultancy services, training, promotion and education, etc.

Performance Measures and Targets

Particulars	2007 Targets
<p>MFO1 Policy direction/advice, coordination, monitoring, evaluation & support services</p> <p>S&T policies, plans and programs adopted and implemented by: Attached agencies External entities</p> <p>S&T policies, plans and programs evaluated and endorsed by external and independent group of experts in terms of quality and effectiveness</p>	<p>Updated S&T Plans</p> <p>S&T Programs</p>
<p>MFO2 Funds administration services</p> <p>No. of projects implemented according to agreed milestones and deliverables over total no. of approved projects</p> <p>Research and development and research capability in priority areas identified as strategic to national development</p> <p>Strengthening of the national technology innovation system</p> <p>Promotion of science and technology</p> <p>Technology incubation for commercialization</p> <p>Actual average processing time in releasing funds for approved projects</p> <p>Annual comparison of number of approved projects and funding levels of Basic Research</p> <p>Annual comparison of ratio of GIA funds for Applied Research leveraged with external funds</p> <p>Annual comparison of ratio of GIA funds for Techno-Transfer leveraged with external funds</p>	<p>100 projects P337.910M</p> <p>310 projects P209.525M</p> <p>20 projects P47.889M</p> <p>20 projects P25.000M</p>
<p>MFO 3 Regional S & T Services</p> <p>No. of adoptors (firms of technology-based enterprises) over total targeted no. of adoptors</p> <p>No. of technology interventions</p> <p>No. of existing firms assisted</p> <p>No. of new firms established</p> <p>Gross Sales (P'000)</p> <p>Employment generated (man-month)</p>	<p>872</p> <p>676</p> <p>106</p> <p>275,841</p> <p>23,262</p>

Particulars	2007 Targets
Ave. improvement of productivity/firm (%)	368.6%
No. of clients (individuals/firms assisted) over total targeted number of clients by type of S&T services	
Product development and testing	29,162
Testing/calibration	11,778
Technical training	2,417
Technical assistance rendered	4,534
Packaging and labeling	365

FY 2007 OPIF-Based Budget

FY 2007 Budget by Major Final Output (MFO) (In Thousand Pesos)

Particulars	PS	MOOE	CO	Total
MFO 1 Policy Direction/Advice, Coordination, Monitoring, Evaluation and Support Services	32,811	19,625	13,000	65,436
MFO 2 Funds Administration Services	26,615	633,591	3,000	663,206
MFO 3 Regional S&T Services	146,728	71,108	19,886	237,722
T O T A L	206,154	724,324	35,886	966,364