

DEPARTMENT OF SCIENCE AND TECHNOLOGY

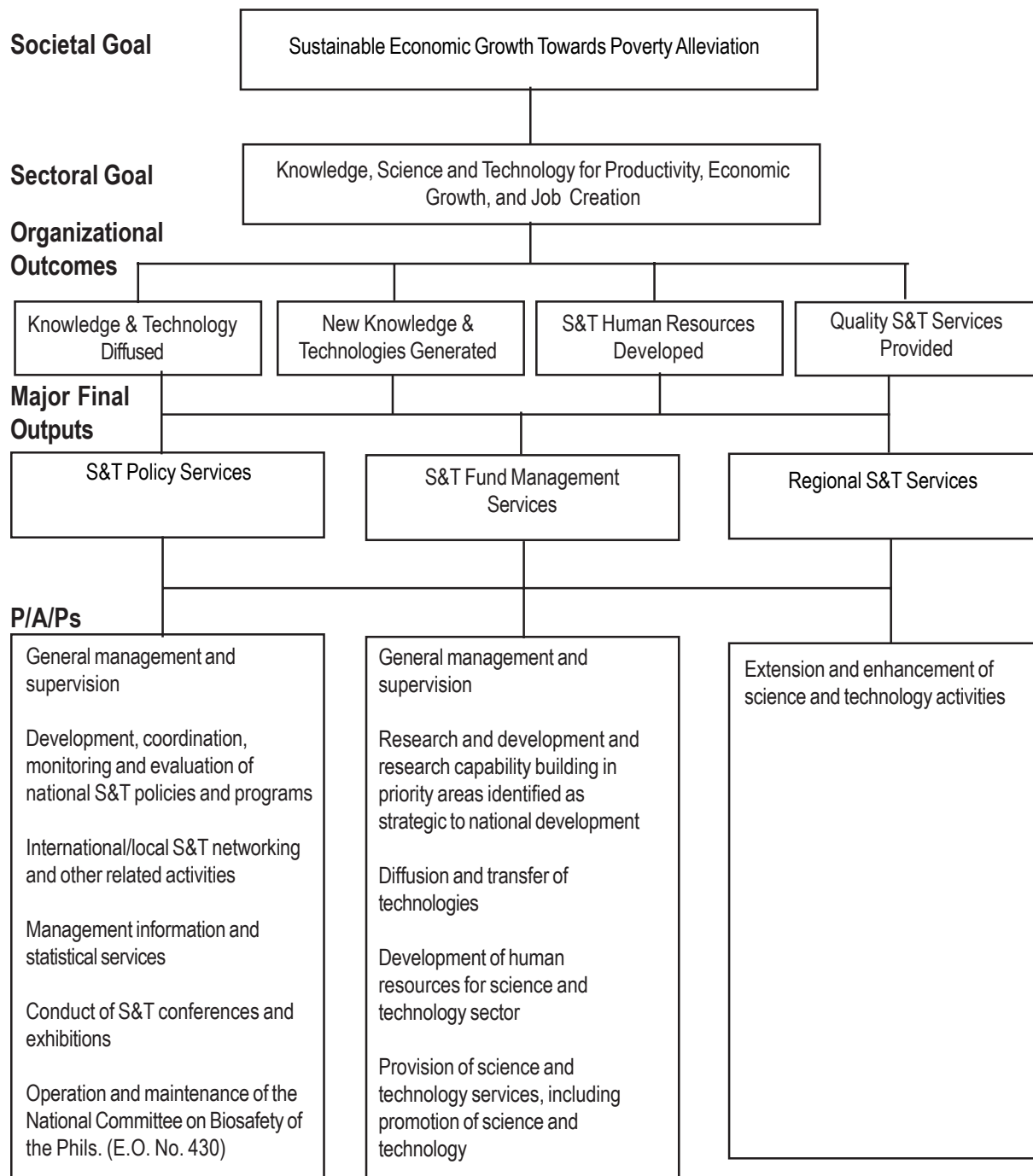
Legal Basis

- **Republic Act No. 2067** (June 13, 1958), Science Act of 1958, originally established the Department of Science and Technology (DOST) as the National Science and Development Board (NSDB).
- **Executive Order No. 784** (March 17, 1982) reconstituted/elevated the NSDB into the National Science and Technology Authority (NSTA).
- **Executive Order No. 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.

LOGICAL FRAMEWORK (DOST)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

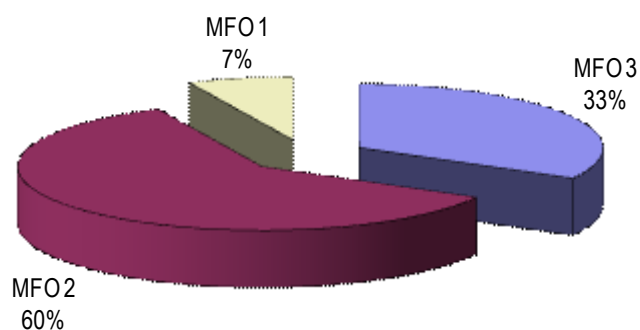
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Science and Technology Policy Services	90,941	127,427	127,984	145,601
No. of policy instruments against no. adopted by stakeholders	10	10	10	10
MFO 2				
Science and Technology Fund Management Services	1,553,410	425,114	1,554,238	1,233,283
1. Number of project proposals reviewed/appraised against number of projects approved for funding:	470	629	500	500
a. Research and development	173	234	200	200
b. Technology transfer	210	329	230	230
c. Human resources	34	16	20	20
d. Technology commercialization	53	50	50	50
2. Amounts released to approved projects ('000)	1,553,410	425,114	1,554,238	1,233,283
a. Research and development	537,910	317,785	537,910	573,901
b. Technology transfer	300,000	37,509	300,828	572,677
c. Human resources	675,500	37,912	675,500	46,200
d. Technology commercialization	40,000	31,908	40,000	40,505
MFO 3				
Regional Science and Technology Services	612,597	795,058	599,204	669,630
1. Clients served per type of S&T services				
a. Technology acquisition and upgrading	1,225	2,750	1,964	1,382
b. Testing and calibration	5,358	5,664	4,659	9,484
c. Packaging and labeling	707	675	628	899
d. Consultancy services	5,247	10,397	3,025	1,305
e. Technology training	3,217	4,842	2,976	3,193
f. Technology clinics/investors fora	1,607	2,625	1,322	1,481
TOTAL	2,256,948	1,347,599	2,281,426	2,048,514

FY 2012 MFO BUDGET

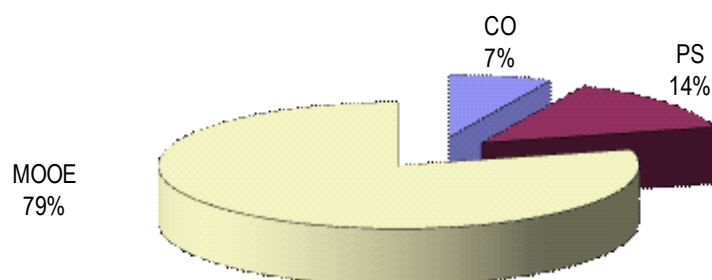
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1					
S&T Policy Services	74,961	58,140	12,500	145,601	7%
MFO 2					
S&T Fund Management Services	-	1,233,283	-	1,233,283	60%
MFO 3					
Regional S&T Services	219,741	317,929	131,960	669,630	33%
Total	294,702	1,609,352	144,460	2,048,514	100%
% Share	14%	79%	7%	100%	

By MFO (Total Budget=P2,048,514,000)



By Expense Class (Total Budget=P2,048,514,000)





Advanced Science and Technology Institute

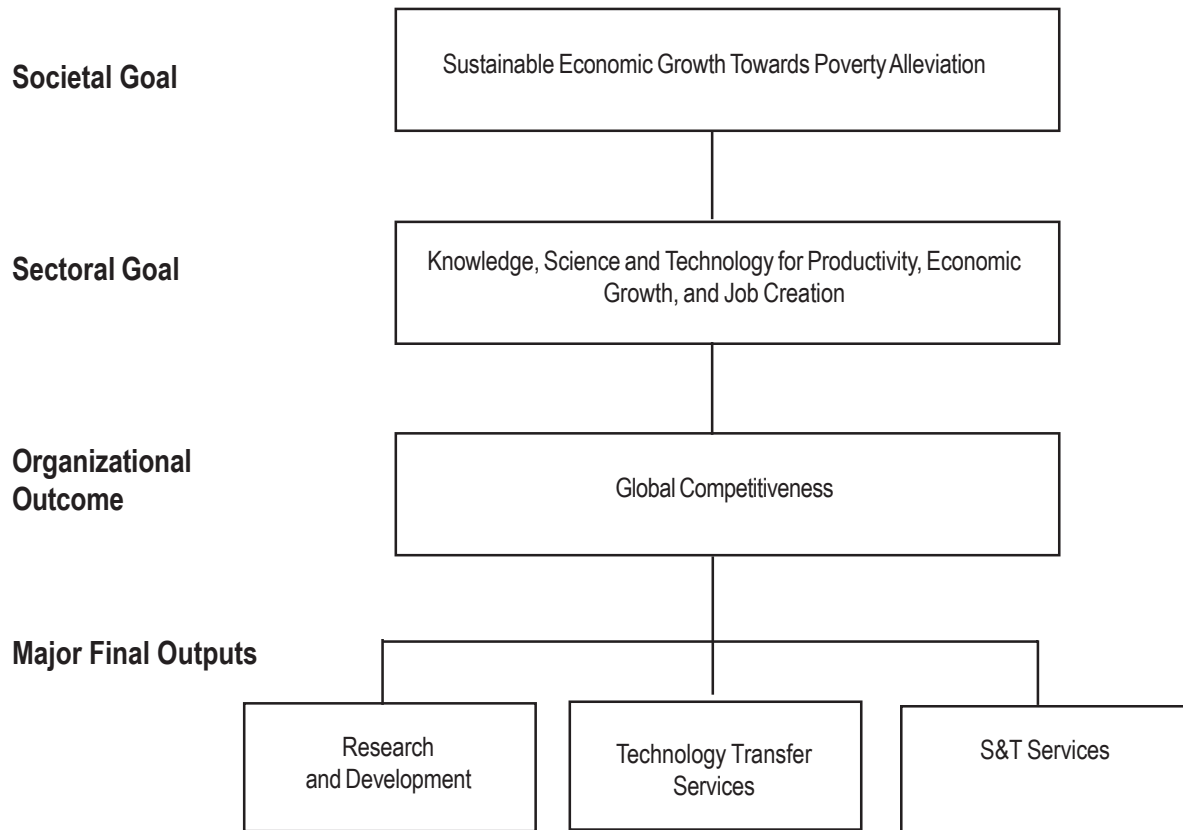
Legal Basis

Executive Order No. 128 (January 30, 1987) reorganized the National Science and Technology Authority (NSTA) into the Department of Science and Technology (DOST) and retained the Advanced Science and Technology Institute as one of the Department's R & D institutes.

Mandate

The Advanced Science and Technology Institute (ASTI) undertakes long-term researches to strengthen and modernize science and technology infrastructure, and conducts research and development work in advanced fields of studies, including Microelectronics. It complements the overall endeavor in the scientific field with intensive activities in the computer and information technologies.

LOGICAL FRAMEWORK (ASTI)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

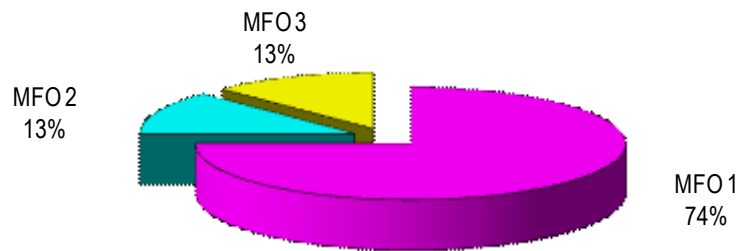
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Research and Development	21,580	54,572	38,203	60,681
No. of projects implemented	16	22	18	18
No. of IPs filed or approved	2	1	3	3
No. of technical papers prepared	2	3	3	3
MFO 2				
Technology Transfer Services	3,570	8,126	8,624	10,118
No. of clients served	2,500	10,999	3,600	3,600
No. of technology transfer agreements forged	12	9	14	14
Amount of income generated	125	105	225	225
MFO 3				
S & T Services	12,958	8,126	8,624	10,118
No. of clients served	3,000	4,212	3,600	3,600
Amount of income generated	3,000	15,900	13,556	13,556
TOTAL	38,108	70,824	55,451	80,917

FY 2012 MFO BUDGET

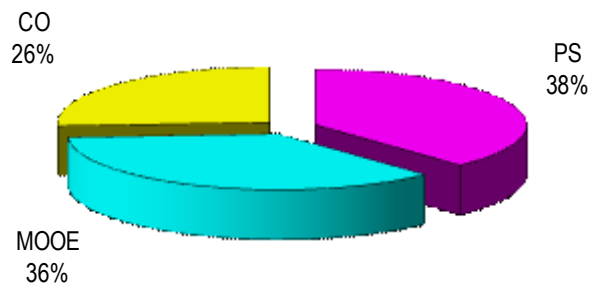
By MFO/ By Expense Class (In Thousand Pesos)

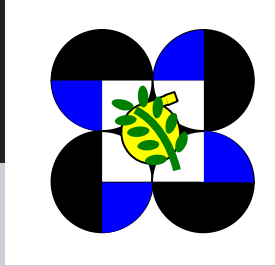
Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1 Research and Development	18,961	20,575	21,145	60,681	74%
MFO 2 Technology Transfer Services	5,812	4,306	0	10,118	13%
MFO 3 S & T services	5,812	4,306	0	10,118	13%
Total	30,585	29,187	21,145	80,917	100%
% Share	38%	36%	26%	100%	

By MFO (Total Budget=P80,917,000)



By Expense Class (Total Budget=P80,917,000)





Food and Nutrition Research Institute

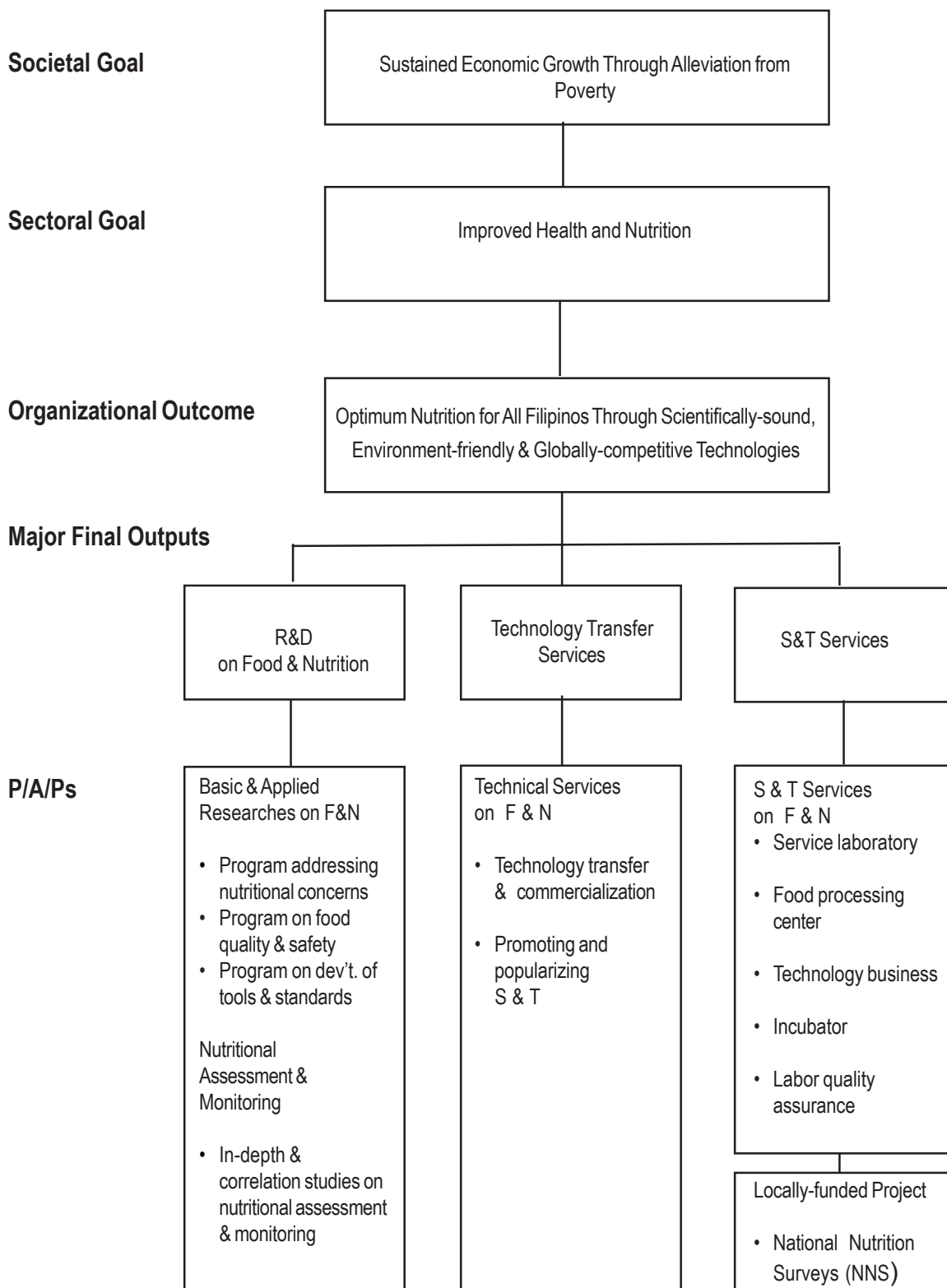
Legal Basis

- **Executive Order No. 94** (July 1, 1947) created the Institute of Nutrition (IN) under the Office of the President as the clearing house of data and information concerning nutrition.
- **Administrative Order No. 81** (January 25, 1949) included in the mandate of IN the conduct of research in the applied science of food and nutrition.
- **Executive Order No. 392** (January 1, 1950) transferred IN to the Department of Health.
- **Republic Act No. 2058** (June 13, 1958) transferred the IN to the newly created National Science and Development Board (NSDB) as the Food and Nutrition Research Center (FNRC) under the National Institute of Science and Technology (NIST).
- **Presidential Decree No. 233** (June 30, 1973) gave FNRC full agency status as a research and development institute under the NSDB.
- **Presidential Decree No. 733** (June 25, 1975) renamed FNRC into Food and Nutrition Research Institute (FNRI).
- **Executive Order No. 784** (March 17, 1982) designated FNRI as a line agency under the National Science and Technology Authority (NSTA) from the reorganized NSDB.
- **Executive Order No. 128** (January 30, 1987) redefined the functions of FNRI upon reorganization of NSTA to the Department of Science and Technology (DOST).

Mandate

The Food and Nutrition Research Institute (FNRI) undertakes researches that define the citizenry's nutritional status, with reference particularly to the malnutrition problem, its causes and effects. It also develops and recommends policy options, strategies, programs and projects which address the malnutrition problem for implementation by appropriate agencies. It disseminates its research findings and recommendations to relevant end-users.

LOGICAL FRAMEWORK (FNRI)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

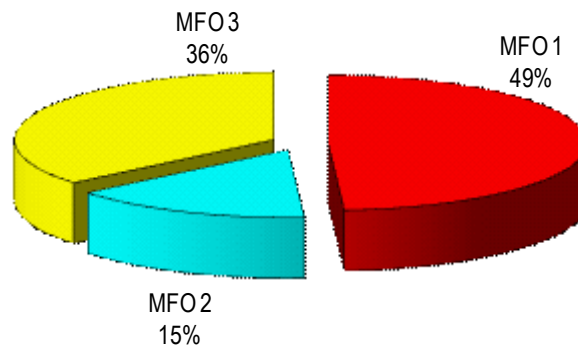
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
R&D on Food & Nutrition	60,119	62,349	42,765	78,289
No. of R&D projects implemented	45	36	35	35
No. of scientific/technical papers prepared	35	41	25	25
No. of scientific/technical papers published	7	21	7	7
No. of IPs filed/approved	3	3	3	3
MFO 2				
Technology Transfer Services	14,549	19,392	20,661	23,279
No. of clients served	1,800	2,336	1,800	1,800
RO supported	600	696	600	600
RDIs direct clients	1,200	1,640	1,200	1,200
No. of technology transfer agreements/ licensing made	5	12	5	5
MFO 3				
S&T Services	29,388	37,605	77,810	57,880
No. of technical/analytical services rendered	400	650	400	400
No. of clients served	4,800	4,906	3,700	3,700
Income generated ('000)	1,200	2,087	1,200	1,200
Updating of the Nutritional Status of Filipino Population				
No. of pre-survey areas visited/conferences with local officials conducted			800	
No. of survey/enumeration areas (EAs) communities covered per province			30	
No. of households covered			30,000	
No. of individuals covered			100,000	
No. of national and sub-national estimates				25
No. of feedback conferences/meetings conducted				4
8th National Nutrition Survey				
No. of sampling design				1
No. of project proposal submitted for funding				5
No. of trainings conducted				3
No. of pilot study conducted				2
% of equipment purchased				100
% of construction completed		100	100	100
TOTAL	104,056	119,346	141,236	159,448

FY 2012 MFO BUDGET

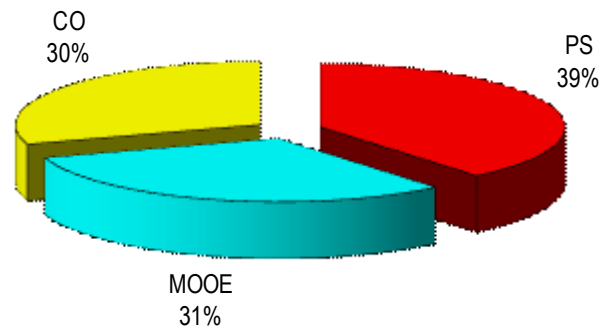
By MFO/By Expense Class (In Thousand Pesos)

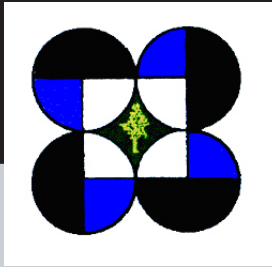
Particulars	PS	MOOE	CO	Total	% SHARE
MFO 1					
Research and Development	38,290	15,430	24,569	78,289	49%
MFO 2					
Technology Transfer Services	7,877	3,735	11,667	23,279	15%
MFO 3					
Science & Technology Services	15,628	30,586	11,666	57,880	36%
TOTAL	61,795	49,751	47,902	159,448	100%
% Share	39%	31%	30%	100%	

By MFO (Total Budget=P159,448,000)



By Expense Class (Total Budget=P159,448,000)





Forest Products Research and Development Institute

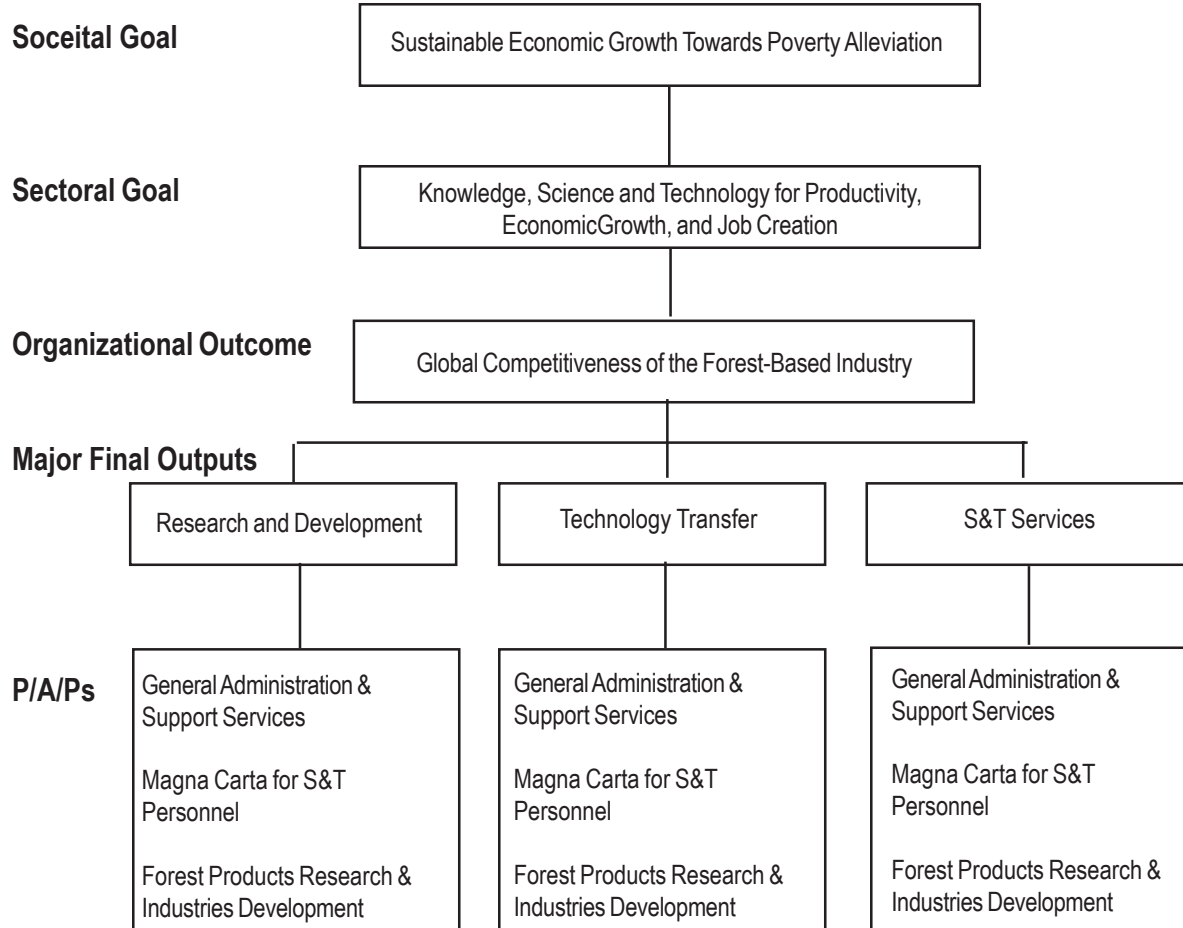
Legal Basis

- **Executive Order No. 257** (1957) transferred the Forest Products Research Institute (FPRI) from the Bureau of Forestry of the Department of Agriculture and Natural Resources to the University of the Philippines (as Forest Products Laboratory).
- **Republic Act No. 5526** (June 21, 1969) created the Forest Products Research and Development Commission (FORPRIDECOM) under the National Science Development Board (NSDB).
- **Executive Order No. 784** (March 17, 1982) renamed the NSDB to National Science and Technology Authority (NSTA) and the FORPRIDECOM became the Forest Products Research and Development Institute (FPRDI).
- **Executive Order No. 128** (January 30, 1987) reorganized the NSTA into the Department of Science and Technology (DOST), with the FPRDI being retained under it.

Mandate

The Forest Products Research and Development Institute (FPRDI) conducts research and development on wood and non-wood forest products. It is the center for applied technologies on the utilization of forest-based products in the country.

LOGICAL FRAMEWORK (FPRDI)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

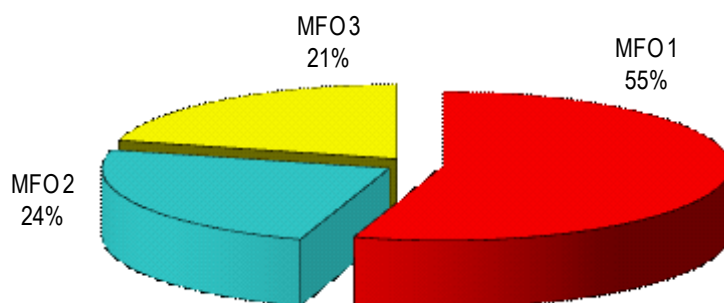
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Research and Development	47,736	71,855	52,870	44,951
No. of R & D projects implemented	80	70	60	50
No. of technical papers prepared/presented for publication	20	28	25	25
No. of technical papers published in ISI accredited journals	3	1	3	3
No. of intellectual property rights filed and approved	5	8	7	7
MFO 2				
Technology Transfer	20,830	31,354	23,071	19,616
No. of clients served by type of service	1,500	1,764	1,530	1,530
Consultancy	730	709	700	700
Technology development (installation)	20	132	30	30
Trainings	750	923	800	800
Income generated by type of service	135	145	110	110
Consultancy	45	60	35	35
Technology development (installation)	60	65	50	50
Trainings	30	20	25	25
No. of techno transfer agreements signed	10	13	12	12
Customer satisfaction feedback (%)	90	92	90	90
MFO 3				
S & T Services	18,226	27,436	20,187	17,163
No. of clients served by type of service	510	868	600	600
Testing	425	727	500	500
Other services	85	141	100	100
Income generated by type of service	1200	1473	1,200	1,200
Testing	1,085	1,390	1,100	1,100
Other services	115	83	100	100
Customer satisfaction feedback (%)	90	92	90	90
TOTAL	86,792	130,645	96,128	81,730

FY 2012 MFO BUDGET

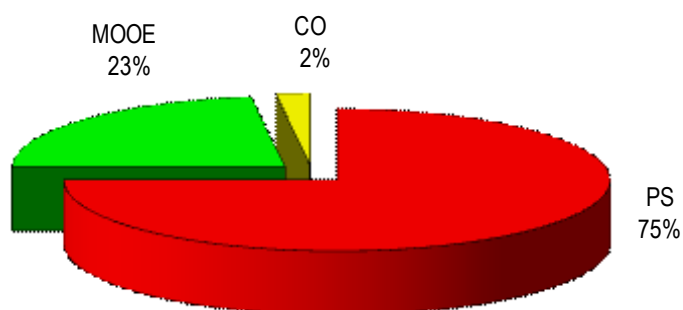
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1 Research and Development	33,680	10,539	732	44,951	55%
MFO 2 Technology Transfer	14,697	4,599	320	19,616	24%
MFO 3 S & T Services	12,859	4,024	280	17,163	21%
Total	61,236	19,162	1,332	81,730	100%
% Share	75%	23%	2%	100%	

By MFO (Total Budget=P81,730,000)



By Expense Class (Total Budget=P81,730,000)





Industrial Technology Development Institute

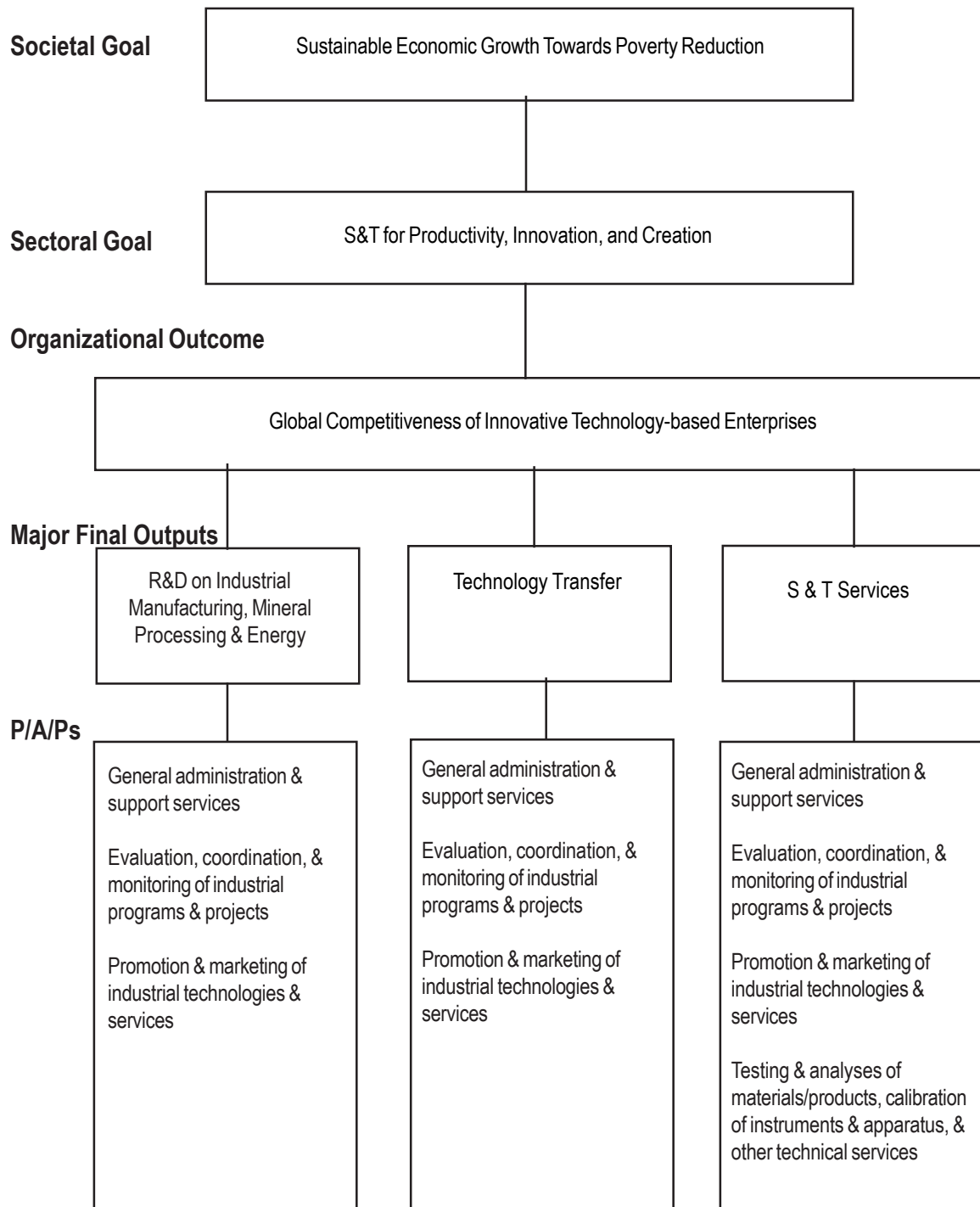
Legal Basis

- **Philippine Commission Act No. 156** (July 1, 1901), created the Bureau of Government Laboratories (BGL).
- **Philippine Commission Act No. 1407** (1905) reorganized the BGL into the Bureau of Science (BS).
- **Executive Order No. 94** (1947) transformed the BS into the Institute of Science (IS).
- **Executive Order No. 392** (1951) renamed IS into the Institute of Science and Technology (IST).
- **Republic Act No. 1606** (1956) established the National Science Board (NSB), with IST renamed as National Scientific and Industrial Research Institute (NSIRI) and placed under the supervision of NSB.
- **Republic Act No. 1067** (1958), the Magna Carta of Philippine Science, reconstituted the NSB as the National Science Development Board (NSDB), with NSIRI becoming the National Institute of Science and Technology (NIST) under the supervision of NSDB.
- **Executive Order No. 784** (1982) reorganized the NSDB into the National Science and Technology Authority (NSTA), with NIST being renamed Industrial Technology Development Institute (ITDI).
- **Executive Order No. 128** (January 30, 1987) reorganized NSTA into the Department of Science and Technology (DOST) and mandated the ITDI to undertake, among others, applied research and development in the field of industrial manufacturing, mineral processing, and energy.

Mandate

The Industrial Technology Development Institute (ITDI) undertakes technical services such as, but not limited to, standards, analytical, and calibration services need by industry. It is responsible for the transfer of research results directly to end-users or via linkages with other government agencies. In the course of fulfilling these responsibilities, the ITDI conducts training and provides technical advisory and consultancy services to industry clientele and end-users.

LOGICAL FRAMEWORK (ITDI)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

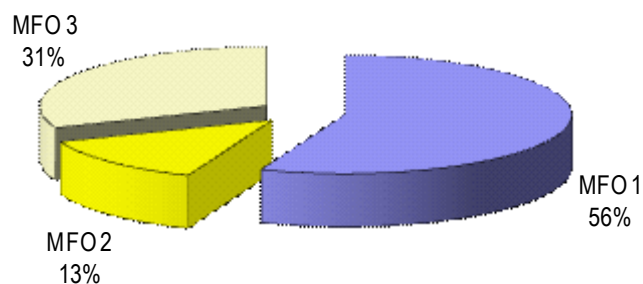
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Research and Development on Industrial Manufacturing, Mineral Processing, and Energy	96,087	119,427	91,968	136,744
Number of R&D Projects implemented	50	78	50	50
Number of technical papers prepared/presented	60	81	55	60
Number of IP's applied/granted	20	35	20	25
- Number of copyrights	10	28	10	10
- Number of patents	10	7	10	15
MFO 2				
Technology Transfer	15,487	18,583	17,245	32,673
Number of clients served	65	61	65	65
- DOST-ROs supported	35	26	32	30
- ITDI direct clients	30	35	33	35
Number of technology transfer agreements	22	19	22	22
MFO 3				
Science and Technology Services	45,931	75,242	63,540	76,221
Number of services rendered				
- Testing and analyses	2,500	1,564	2,500	2,000
- Metrology services	6,000	6,208	6,000	6,000
- Other Services	600	512	650	650
Number of clients served				
- Testing and analyses	800	816	800	800
- Metrology services	1,800	1,538	1,800	1,500
- Other technical services	600	512	650	650
Fees Collected				
- Testing and analyses	6,200	5,610	5,500	5,500
- Metrology services	6,000	7,430	6,000	6,000
- Other technical services	2,500	3,130	2,000	2,000
TOTAL	15,487	18,583	17,245	32,673

FY 2012 MFO BUDGET

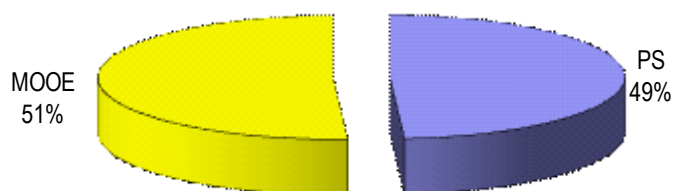
By MFO/By Expense Class (In Thousand Pesos)

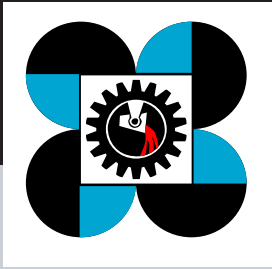
Particulars	PS	MOOE	CO	TOTAL	%SHARE
MFO 1 Research and Development on Industrial, Manufacturing, Mineral Processing and Energy	65,336	71,408	-	136,744	56%
MFO 2 Technology Transfer	19,769	12,904	-	32,673	13%
MFO 3 Science and Technology Services	34,684	41,537	-	76,221	31%
Total	119,789	125,849	-	245,638	100%
%Share	49%	51%	0%	100%	

By MFO (Total Budget=P245,638,000)



By Expense Class (Total Budget=P245,638,000)





Metals Industry Research and Development Center

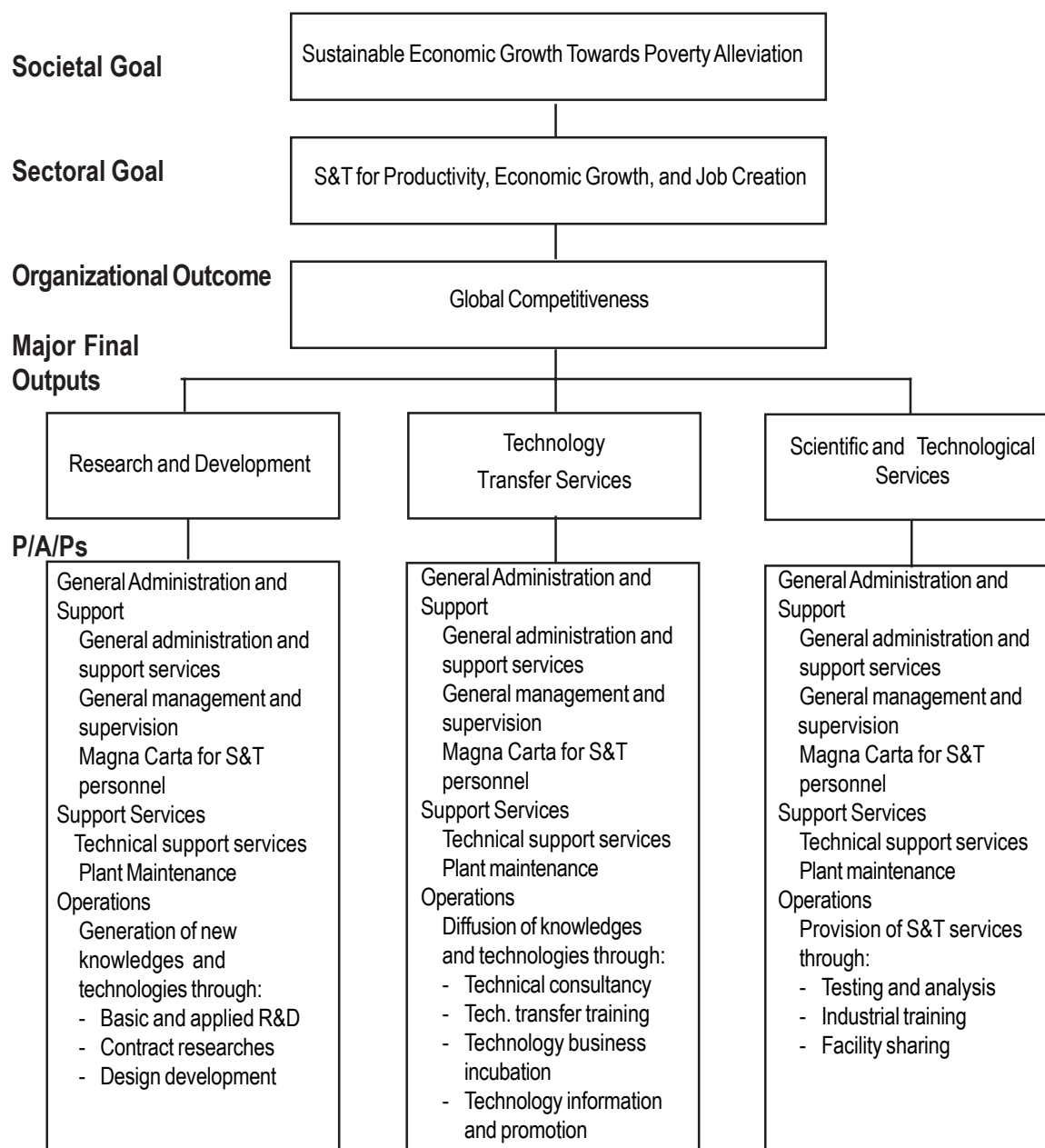
Legal Basis

- **Republic Act No. 4724** (1966) organized the Metals Industry Development Center (MIDC) to work for close support between the government and the industry to foster the advancement of metals, engineering, and allied industries in the country.
- **Republic Act No. 6428** (1972) reorganized and renamed the MIDC into the Metals Industry Research and Development Center (MIRDC), giving it corporate existence under the National Science Development Board (NSDB).
- **Executive Order No. 602** (1980) transferred MIRDC from the then NSDB to the Ministry of Trade and Industry, now the Department of Trade and Industry (DTI), for policy and program coordination and direction.
- **Presidential Decree No. 1765** (1981) reoriented MIRDC thrust from research and development to direct assistance to the metals industry.
- **Executive Order No. 128** (1987) transferred the MIRDC from the DTI to the Department of Science and Technology (DOST) as an attached agency.
- **Executive Order No. 494** (1992) transformed the MIRDC into a regular government agency under the DOST.

Mandate

The Metals Industry Research and Development Center (MIRDC) provides both the government and the private sector in the metals and engineering industry with professional management and technical expertise on training of engineers and technicians, information exchange, trade accreditation services, quality control and testing of metal products, research and development, and business economics advisory services.

LOGICAL FRAMEWORK (MIRDC)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

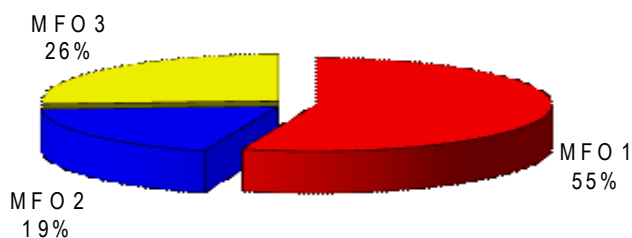
Particulars	FY2010		FY2011	FY2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Research & Development	36,191	56,317	53,601	134,833
No. of projects implemented	198	162	200	200
New	192	156	194	191
Ongoing	6	6	6	9
No. of intellectual properties applied/approved	6	7	6	7
No. of scientific/technical papers prepared vis-à-vis published	11/1	11/0	10/1	10/1
Amount of income generated	1,900	3,198	2,433	2,433
MFO 2				
Technology Transfer Services	21,779	40,312	27,435	45,893
No. of clients served	775	1,377	775	800
RDI direct clients	361	408	370	365
RO supported clients	414	969	405	435
No. of technology transfer agreements	16	9	16	18
Amount of income generated	4,390	5,166	5,390	5,390
MFO 3				
Scientific & Technological Services	37,659	51,139	47,042	63,778
No. of clients served	1,590	1,544	1,590	1,590
Testing and metrology	1,100	1,079	1,100	1,100
Industrial training	200	200	200	200
Facility sharing	290	265	290	290
No. of Services Rendered	4,420	6,048	4,470	4,490
Testing and metrology	3,100	4,267	3,100	3,100
Industrial training	700	720	700	720
Facility sharing	620	1,061	670	670
Amount of Income Generated	22,710	24,618	24,660	24,660
Testing and metrology	13,150	15,888	13,500	13,500
Industrial training	2,800	1,990	2,800	2,800
Facility sharing	6,760	6,740	8,360	8,360
TOTAL	95,629	147,768	128,078	244,504

FY 2012 MFO BUDGET

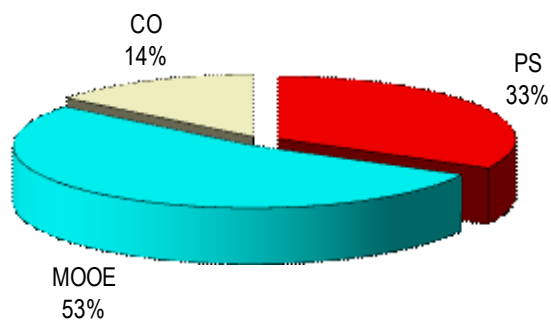
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1					
Research and Development	31,979	81,678	21,176	134,833	55%
MFO 2					
Technology Transfer Services	19,099	20,765	6,029	45,893	19%
MFO 3					
Scientific & Technological Services	29,109	26,780	7,889	63,778	26%
Total	80,187	129,223	35,094	244,504	100%
% Share	33%	53%	14%	100%	

By MFO (Total Budget=P244,504,000)



By Expense Class (Total Budget=P244,504,000)





National Academy of Science and Technology

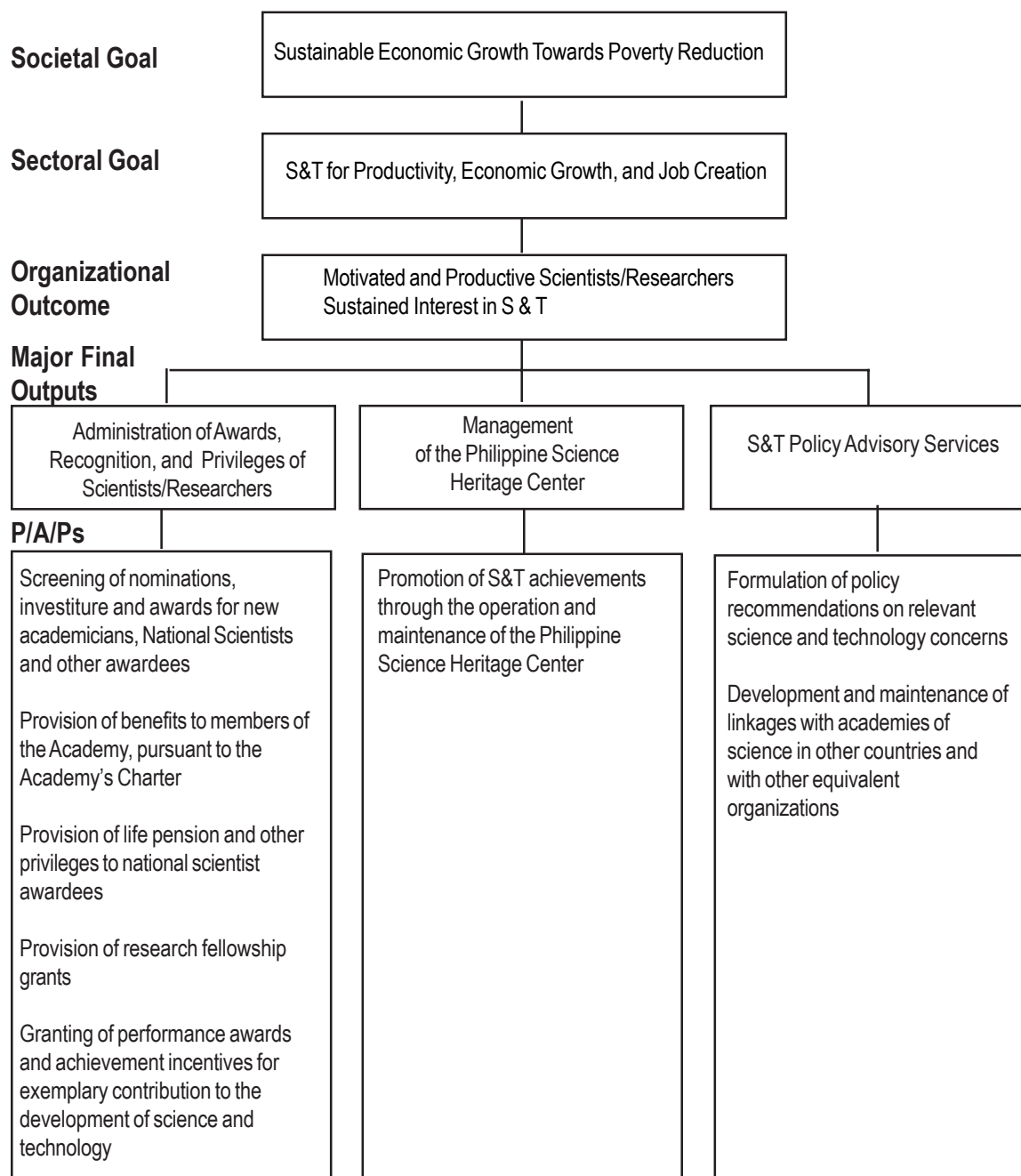
Legal Basis

- **Presidential Decree No. 1003-A** (December 17, 1976), as amended, created the National Academy of Science and Technology (NAST).
- **Executive Order No. 818** (July 16, 1982) amended P.D. 1003-A, creating the NAST and for related purposes.
- **Republic Act No. 9107** (April 14, 2004) created the Philippine Science Heritage Center which shall be managed, operated and maintained by NAST.

Mandate

The National Academy of Science and Technology (NAST) recognizes outstanding achievements in science and technology as well as provides meaningful incentives to those engaged in scientific and technological researches; advises the President on matters related to science and technology; engages in projects and programs designed to promote scientific productivity; and embarks on programs traditionally and internationally expected of an academy of science.

LOGICAL FRAMEWORK (NAST)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

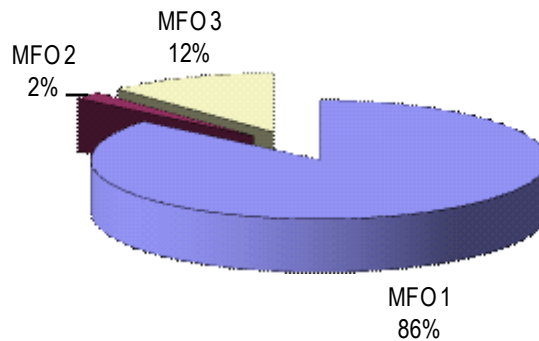
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Administration of awards, recognition, and privileges of scientists/researchers	30,275	34,615	32,196	36,806
No. of nominations:				
received/evaluated	380	422	348	363
awarded	57	64	53	57
No. of academicians provided with benefits	66	65	64	64
No. of National Scientists provided with privileges	14	14	14	14
No. of scientists/researchers given incentives	260	213	260	264
MFO 2				
Management of the Philippine Science Heritage Center	1,283	1,378	621	764
No. of visitors	16,500	7,918	16,500	16,500
Amount of income generated	297	110	297	297
MFO 3				
Science and Technology Advisory Services	4,663	7,167	5,025	5,217
No. of policy statements and recommendations or resolutions:				
formulated	14	51	10	10
adopted	7	12	5	5
TOTAL	36,221	43,160	37,842	42,787

FY 2012 MFO BUDGET

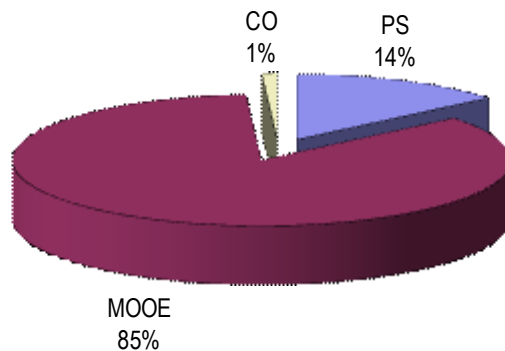
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1 Administration of awards, recognition, and privileges of scientists/researchers	4,252	32,528	26	36,806	86%
MFO 2 Management of the Philippine Science Heritage Center	89	526	149	764	2%
MFO 3 S&T policy advisory services	1,801	3,313	103	5,217	12%
Total	6,142	36,367	278	42,787	100%
% Share	14%	85%	1%	100%	

By MFO (Total Budget = P42,787,000)



By Expense Class (Total Budget = P42,787,000)





National Research Council of the Philippines

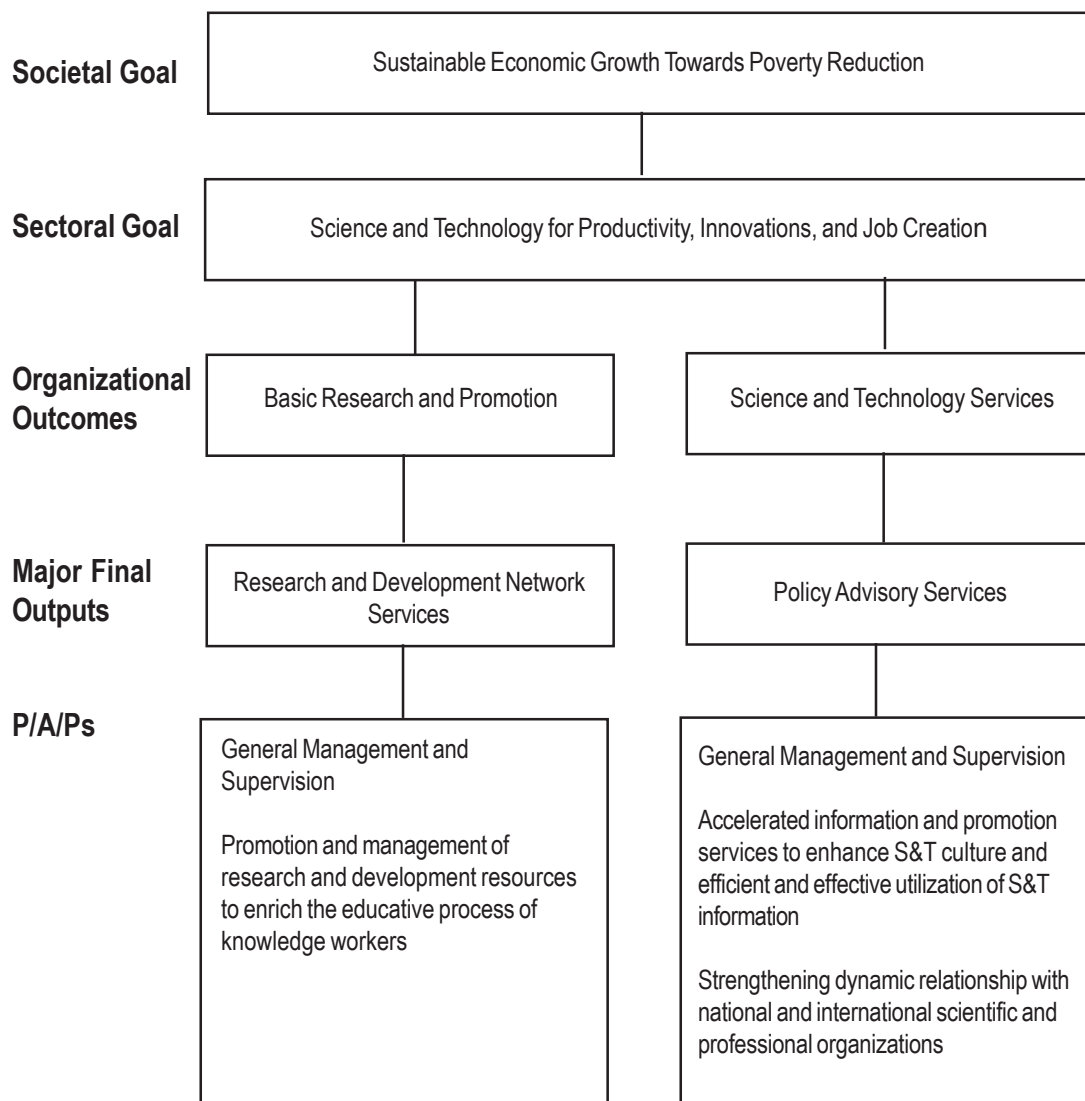
Legal Basis

- **Ninth Philippine Legislature Act No. 4120** (December 8, 1933) created the National Research Council of the Philippine Islands for the promotion of research work along scientific line.
- **Republic Act No. 2067** (June 13, 1958), Science Act of 1958, created the National Science Development Board (NSDB), Section 20 of which provided that the National Research Council of the Philippines (NRCP) shall act as the official adviser on scientific matters to the Government of the Philippines.
- **Executive Order No. 784** (March 17, 1982) reorganized the National Science Development Board into a National Science and Technology Authority (NSTA), with the NRCP designated as one of the science and technology councils attached to the Authority for policy and program coordination.
- **Executive Order No. 128** (January 30, 1987) reorganized the NSTA, with the NRCP being renamed as the Philippine National Science Society (PNSS).
- **Republic Act No. 6974** (December 8, 1990) restored the name of the agency to National Research Council of the Philippines.

Mandate

The National Research Council of the Philippines (NRCP) promotes and supports fundamental or basic research for the continuing total improvement of the research capability of individual scientists or group of scientists; provides advice on problems and issues of national interest; promotes scientific and technological culture to all sectors of society; and, fosters linkages with local and international scientific organizations for enhanced cooperation in the development and sharing of information.

LOGICAL FRAMEWORK (NRCP)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

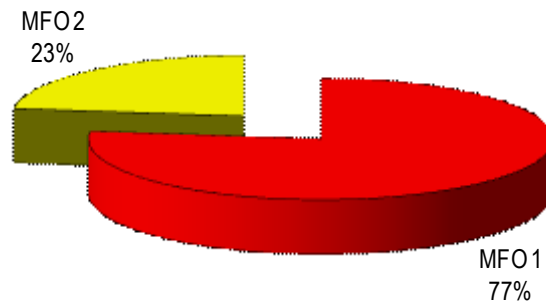
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Research and Development Network Services	20,963	27,961	25,053	43,296
Number of research and development proposals reviewed vis-à-vis proposals approved	36/30	71/39	36/22	50/32
Amount of funds released	9,266	9,030	9,266	29,266
Number of technical papers				
- Prepared	18	82	20	20
- Published in accredited ISI Journals	2	2	2	2
- Published in local papers	12	6	10	10
MFO 2				
Policy Advisory Services	11,022	12,286	14,950	12,964
Number of science and technology-related policies submitted vis-à-vis policies adopted by stakeholders	24/24	24/24	28/26	24/24
Increase in membership with NRCP	73	102	75	75
TOTAL	31,985	40,247	40,003	56,260

FY 2012 MFO BUDGET

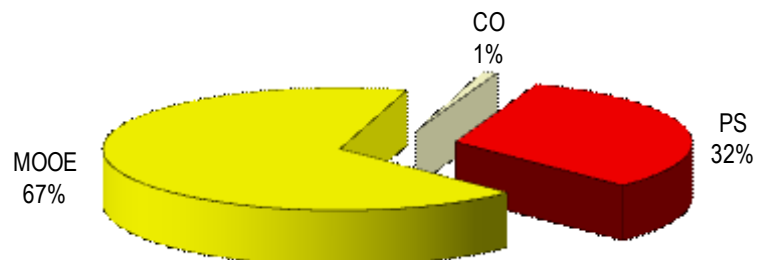
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1 Research and Development Network Services	10,178	32,782	335	43,295	77%
MFO 2 Technology Transfer	7,614	5,017	334	12,965	23%
Total	17,792	37,799	669	56,260	100%
% Share	32%	67%	1%	100%	

By MFO (Total Budget=P56,260,000)



By Expense Class (Total Budget=P56,260,000)





Philippine Atmospheric, Geophysical and Astronomical Services Administration

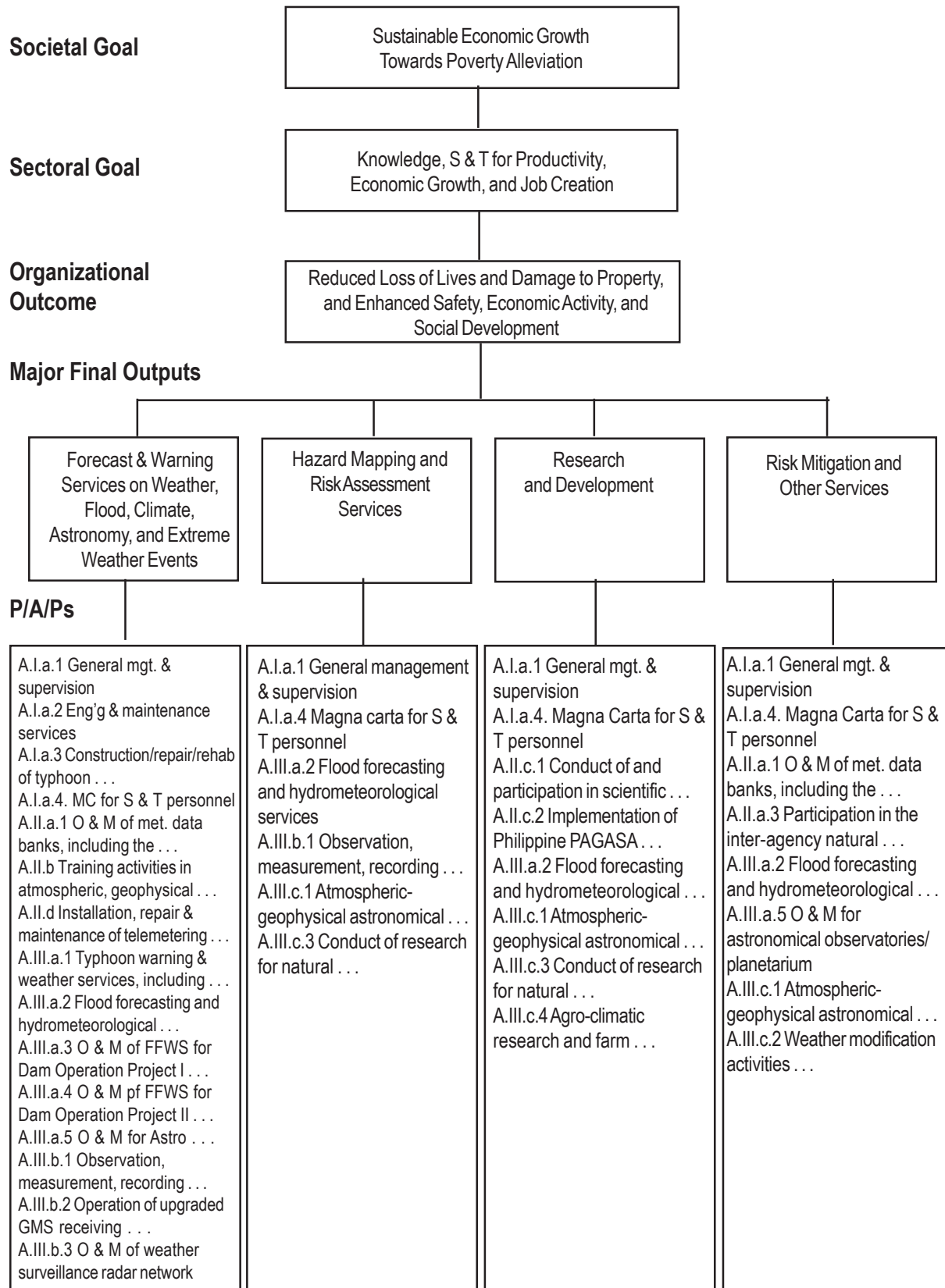
Legal Basis

- **Observatorio Meteorologico de Manila** (April 28, 1884), a Spanish royal decree which recognized the observatory originally established on January 1, 1865 by the Jesuits at the Ateneo Municipal as an official institution of the government.
- **Philippine Commission Act No. 131** (May 22, 1901) established the Philippine Weather Bureau.
- **Presidential Decree No. 78** (December 8, 1972) reorganized the Weather Bureau into the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) and transferred it from the Department of Commerce and Industry to the Department of National Defense.
- **Presidential Decree No. 1149** (June 2, 1977) amended PD No. 78 to include the establishment of two additional major units, the Typhoon Moderation Research and Development Office (TMRDO) and the National Flood Forecasting Office (NFFO), under PAGASA.
- **Executive Order No. 984** (September 17, 1984) transferred the PAGASA from the Department/Ministry of National Defense to the National Science and Technology Authority (NSTA).
- **Executive Order No. 128** (January 30, 1987) mandated the reorganization of the NSTA into the Department of Science and Technology (DOST) to which the PAGASA is attached.

Mandate

The Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) is mandated "to provide protection against natural calamities and utilize scientific knowledge as an effective instrument to ensure the safety, well-being, and economic security of all the people, for the promotion of national progress."

LOGICAL FRAMEWORK (PAGASA)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

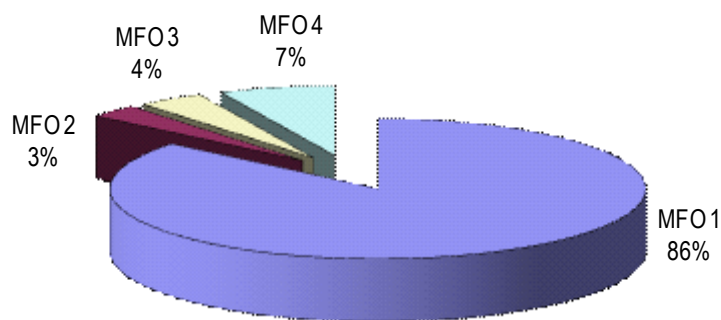
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Forecast and Warning Services on Weather, Flood, Climate, Astronomy, and Extreme Weather Events	655,185	645,993	895,524	1,101,821
Number of timely and accurate forecasts on weather, flood, and climate	38,357	40,271	38,722	39,094
Number of timely and accurate warnings on weather, flood, and climate (as necessary)	678	604	678	678
Number of clients served (astronomical services)	9,012	8,688	9,112	9,212
MFO 2				
Hazard Mapping and Risk Assessment Services	30,702	36,074	41,965	44,011
Number of hazard maps generated/updated	26	26	22	18
Number of clients served scientific data/information requests	100	157	120	130
MFO 3				
Research and Development	43,707	56,225	56,862	53,353
Number of R&D projects implemented	15	15	29	18
Number of technical papers prepared vis-à-vis published papers in Science Institute (IS)-listed journals	2	2	2	2
Number of Intellectual Property applied/approved	9	-	-	-
No. of R&D collaborative projects with international scientific organizations	12	12	12	12
MFO 4				
Disaster Preparedness and Risk Mitigation and Other Services	53,991	56,088	81,250	84,461
Number of clients served:				
- IEC lectures	demand-driven	32,210	demand-driven	demand-driven
- Drills	demand-driven	660	demand-driven	demand-driven
- Hydromet/climatological facilities	demand-driven	100,659	demand-driven	demand-driven
- Space science and planetarium	demand-driven	6,333	demand-driven	demand-driven
Number of information packages developed	demand-driven	3	demand-driven	demand-driven
Number of training programs/seminars/workshops conducted	16	14	16	28
Number of climatological hydro-metreological data publications information and weather certifications issued	demand-driven	2,054	demand-driven	demand-driven
Number of assorted meteorological instruments calibrated for various clients	60	286	120	120
TOTAL	783,585	794,380	1,075,601	1,283,646

FY 2012 MFO BUDGET

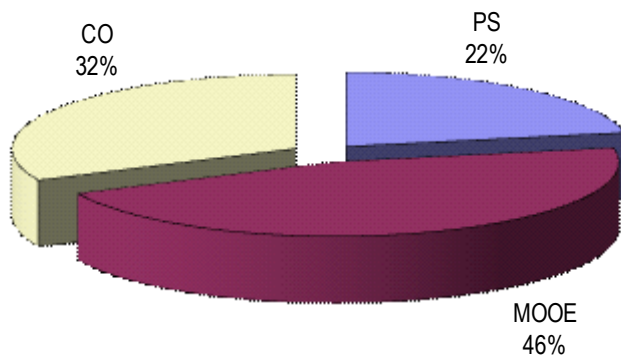
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1 Forecast and Warning Services on Weather, Flood, Climate, Astronomy and Extreme Weather Events	211,011	476,994	413,816	1,101,821	86%
MFO 2 Hazard Mapping and Risk Assessment Services	18,078	25,933	-	44,011	3%
MFO 3 Research and Development	36,242	17,111	-	53,353	4%
MFO 4 Disaster Preparedness, Risk Mitigation, and Other Services	19,291	65,170	-	84,461	7%
Total	284,622	585,208	413,816	1,283,646	100%
% SHARE	22%	46%	32%	100%	

By MFO (Total Budget=P1,283,646,000)



By Expense Class (Total Budget=P1,283,646,000)





Philippine Council for Agriculture, Forestry and Natural Resources Research and Development

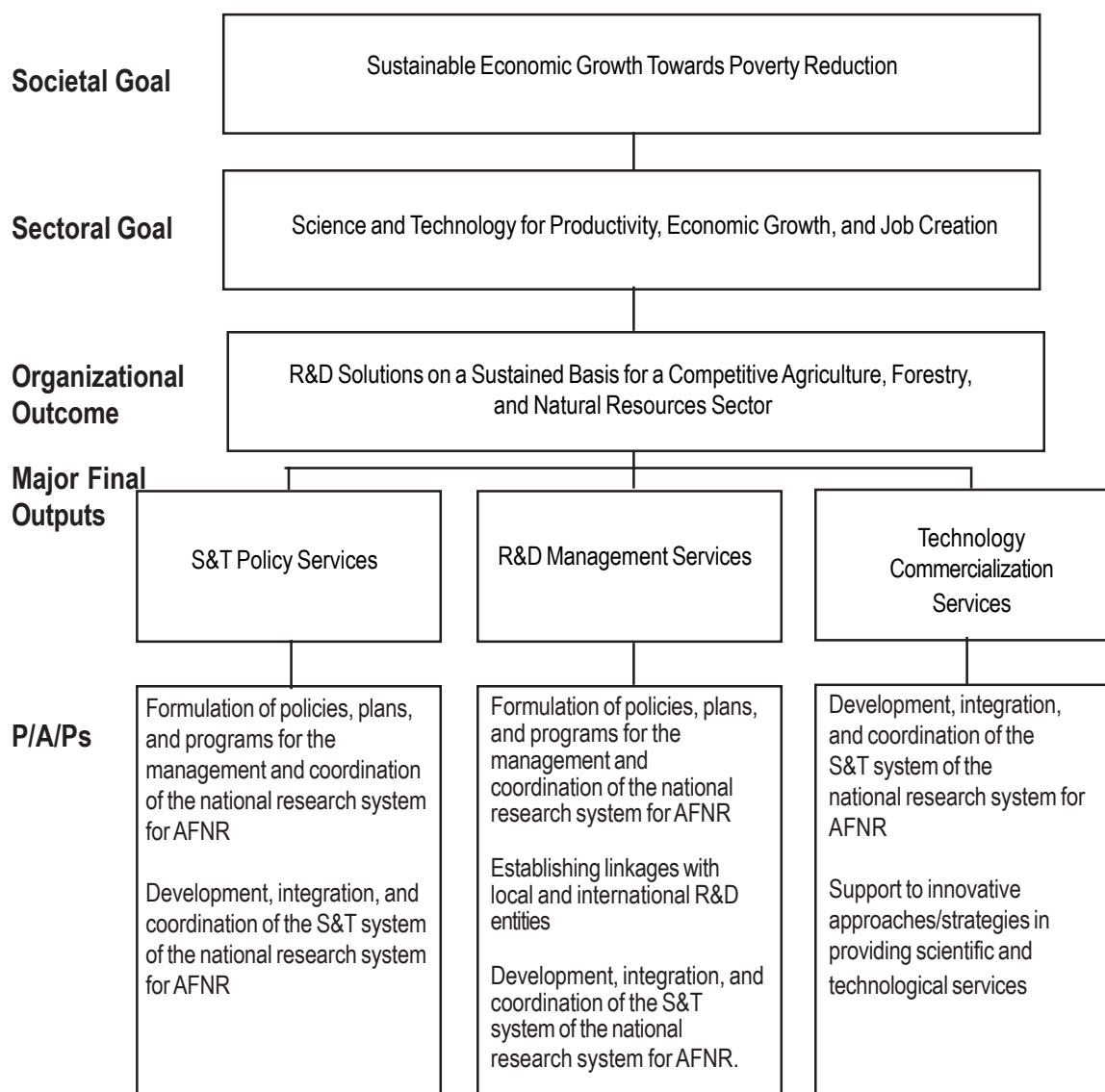
Legal Basis

- **Presidential Decree No. 48** (November 10, 1972) created the Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD).
- **Executive Order No. 128** (January 30, 1987) reorganized PCCARD as an attached agency of the Department of Science and Technology.

Mandate

The Philippine Council for Agriculture, Forestry and Natural Resources Research and Development (PCARRD) formulates plans, strategies, policies, and programs for S&T development. It programs and allocates government and external funds for R&D and monitors and evaluates R&D programs and projects.

LOGICAL FRAMEWORK (PCARRD)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

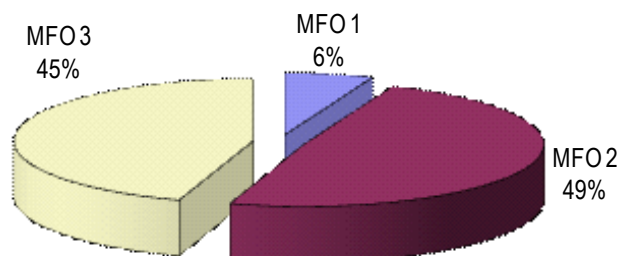
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1	14,573	14,946	18,035	18,035
Science and Technology Policy and Planning Services				
Number of policy instruments formulated/reviewed vis-à-vis policies adopted	62/62	80/72	79/76	65/61
MFO 2	113,199	166,185	145,351	145,811
Research and Development Services				
Number of R&D proposals appraised vis-à-vis proposals approved for funding	200/33	202/16	159/63	187/54
No. of scientists and researchers trained/institutions supported	1,570	1,755	1,108	1,049
MFO 3	140,950	139,767	132,830	132,647
Technology Commercialization Services				
Number of technology transfer project proposals appraised vis-à-vis approved for funding	72/65	70/52	34/34	49/49
No. of IP applications filed/obtained	7	6	3	5
No. of FITS centers established/assisted	75	153	-	-
No. of MS supported/maintained	553	553	106	56
No. of farmers and other beneficiaries served	1,750,202	2,537,521	1,384,298	1,395,685
No. of IEC materials prepared/disseminated	134,315	176,416	142,505	47,825
TOTAL	268,722	320,898	296,216	296,493

FY 2012 MFO BUDGET

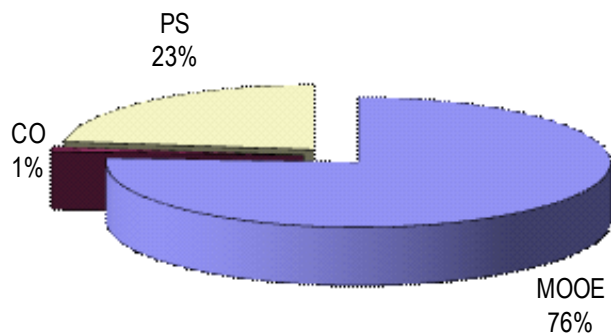
By MFO/By Expense Class (In Thousand Pesos)

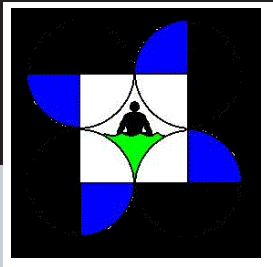
Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1					
Science and Technology Services	10,305	7,730	-	18,035	6%
MFO 2					
Research and Development Services	32,004	112,312	1,495	145,811	49%
MFO 3					
Technology Commercialization Services	27,770	104,877	-	132,647	45%
Total	70,079	224,919	1,495	296,493	100%
% Share	23%	76%	1%	100%	

By MFO (Total Budget=P296,493,000)



By Expense Class (Total Budget=P296,493,000)





Philippine Council for Aquatic and Marine Research and Development

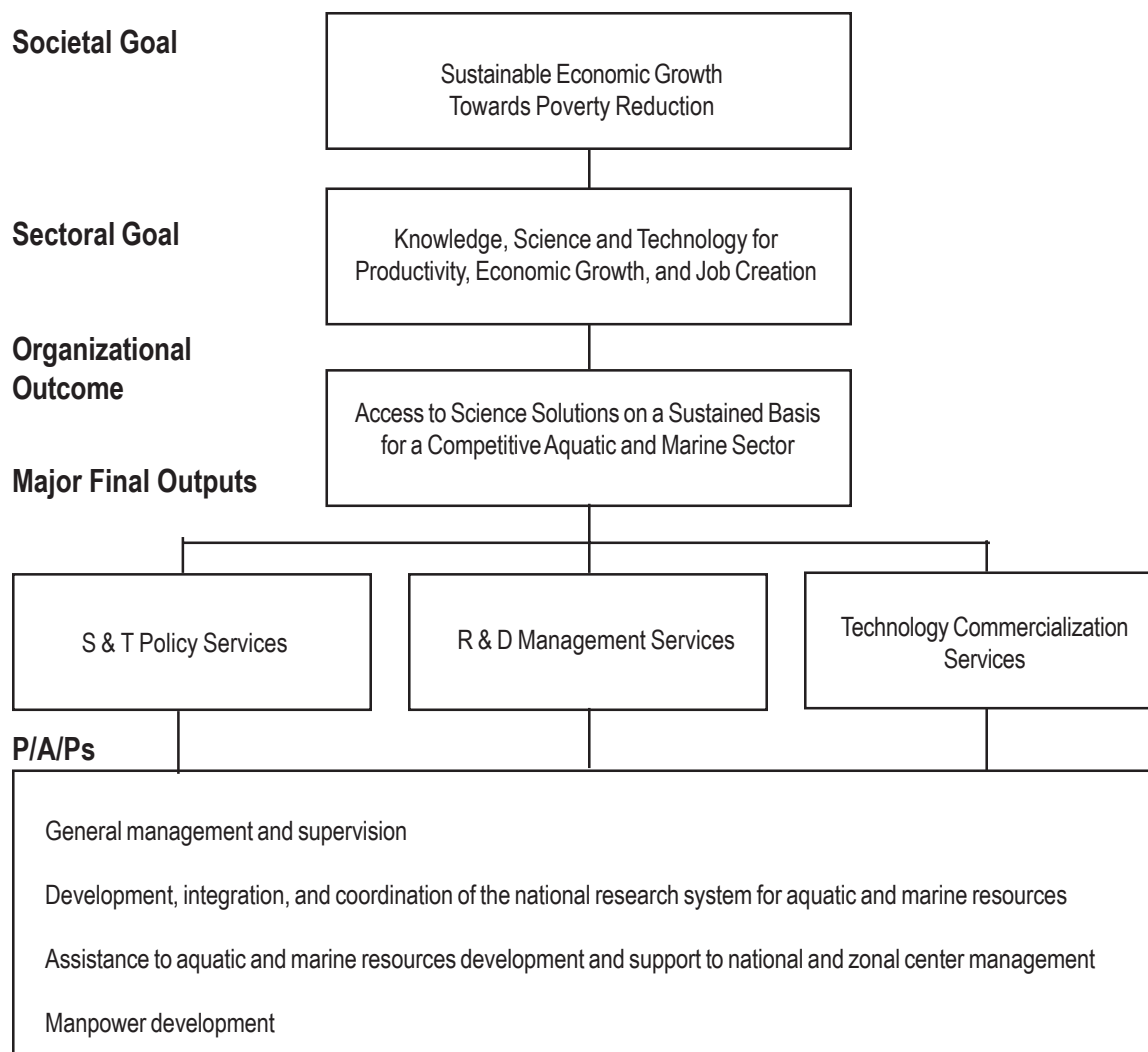
Legal Basis

Executive Order No. 128 (January 30, 1987) reorganized the National Science and Technology Authority (NSTA) into the Department of Science and Technology (DOST), with the Philippine Council for Aquatic and Marine Research and Development (PCAMRD) as one of the Department's attached agencies.

Mandate

The Philippine Council for Aquatic and Marine Research and Development (PCAMRD) formulates strategies, policies, plans, programs, and projects for aquatic resources research and development. It is also responsible for programming and allocating government and external funds for aquatic resource research and development, and for monitoring aquatic resources research and development.

LOGICAL FRAMEWORK (PCAMRD)



PERFORMANCE MEASURES AND TARGETS
(Amounts in Thousand Pesos)

Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1	6,071	6,549	6,003	9,059
S&T Policy Services				
No. of policy instruments formulated/reviewed vis-à-vis policies adopted	12	25	12	12
MFO 2	16,427	82,121	17,588	22,801
R&D Management Services				
No. of R&D proposals appraised vis-à-vis proposals approved for funding	40	78	40	45
No. of scientists and researchers trained	20	43	20	20
No. of projects with significant results and/or matured technology components vis-à-vis total monitored projects	50	240*	50	50
No. of institutions supported	5	5	5	5
MFO 3	13,212	13,645	14,124	17,998
Technology Commercialization Services				
No. of technology transfer project proposals appraised vis-à-vis proposals approved for funding	15	8	15	15
No. of technology trainings conducted	5	6	5	5
TOTAL	35,710	102,315	37,715	49,858

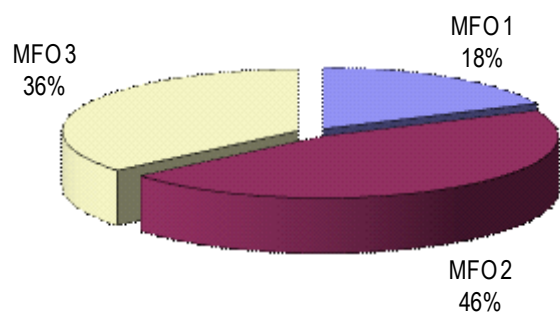
* includes projects evaluated during the Zonal R&D Reviews

FY 2012 MFO BUDGET

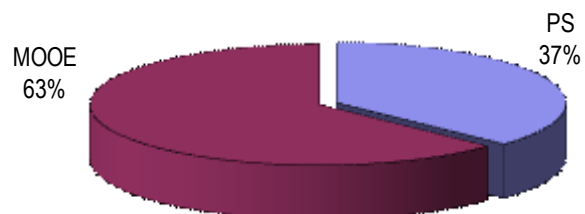
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1 S&T Policy Services	2,737	6,322	-	9,059	18%
MFO 2 R&D Management Services	8,576	14,226	-	22,802	46%
MFO 3 Technology Commercialization Services	6,933	11,064	-	17,997	36%
Total	18,246	31,612	-	49,858	100%
% Share	37%	63%	0%	100%	

By MFO (Total Budget = P49,858,000)



By Expense Class (Total Budget = P49,858,000)





Philippine Council for Health Research and Development

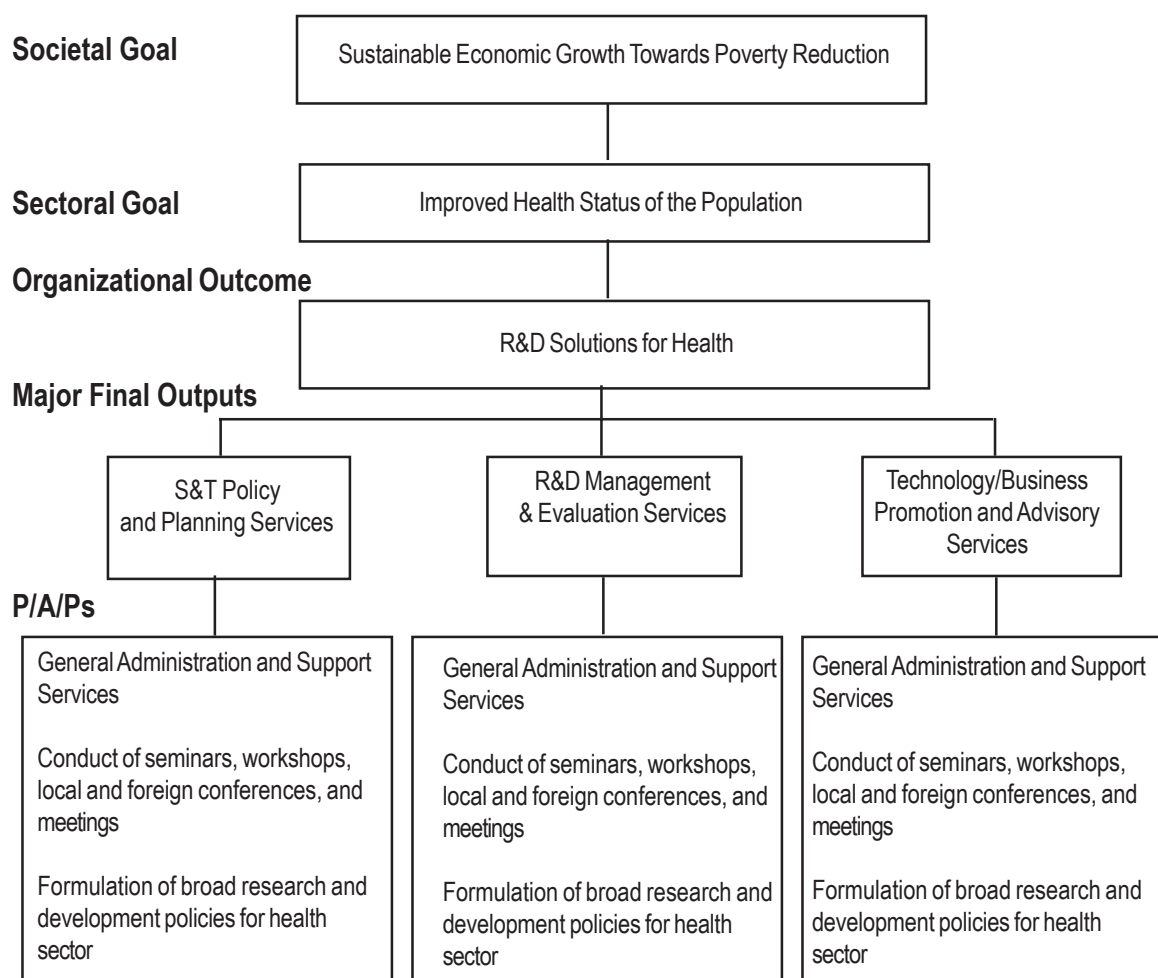
Legal Basis

- **Executive Order No. 784** (March 17, 1982) created the Philippine Council for Health Research and Development (PCHRD) as one of five sectoral councils of the Department of Science and Technology (DOST).
- **Executive Order No. 128** (January 1987) reaffirmed the status of PCHRD as a sectoral council attached to DOST.

Mandate

The Philippine Council for Health Research and Development (PCHRD) provides central direction and leadership to, as well as coordination of, health S&T efforts. It formulates policies, plans, programs, projects, and strategies for health S&T development; programs and allocates government and external fund; and monitors R&D projects.

LOGICAL FRAMEWORK (PCHRD)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
S&T Policy and Planning Services	13,081	21,373	15,642	22,370
Number of health S&T policies, and programs formulated vis-à-vis adopted/implemented	6/4	6/5	6/4	8/6
MFO 2				
R&D Management and Evaluation Services	32,712	50,064	52,296	225,990
Number of health R&D projects/proposals reviewed/appraised vis-à-vis approved/funded	150/25	206/36	175/30	300/100
Total amount released to:				
- New project (s)	10M	9M	15M	100M
- On-going project (s)	20M	22M	35M	35M
Total number of projects monitored:				
- New project (s)	15	25	15	30
- On-going project (s)	27	28	32	37
- Completed	10	21	10	15
Amount of external resources generated	32M	82M	40M	100M
No. of projects subjected to impact evaluation	5	7	8	20
MFO 3				
Technology/Business Promotion and Advisory Services	9,923	56,550	10,848	13,928
Number of Intellectual Property applied, filed and/or registered	6	-	*	*
Number of technology transfer/license agreements made	8	7	*	*
Number of health fora, symposia, conferences, and workshops conducted/supported	70	72	75	100
Amount of royalty/technology license fees earned	5M	6M	*	*
Total	55,716	127,987	78,786	262,288

*Article VIII of RA No. 10055 "An Act Providing the Framework and Support System for the Ownership, Management, Use, and Commercialization of Intellectual Property Generated from Research and Development Funded by Government and for Other Purposes"

Date approved: March 23, 2010

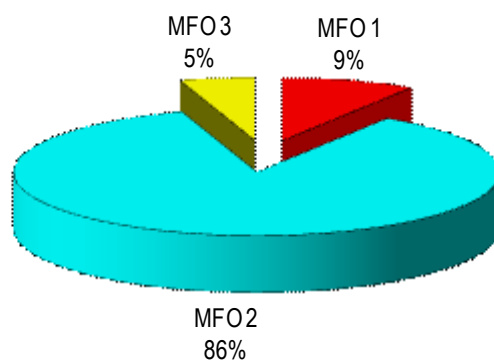
Short Title - "Philippine Technology Transfer Act of 2009"

FY 2012 MFO BUDGET

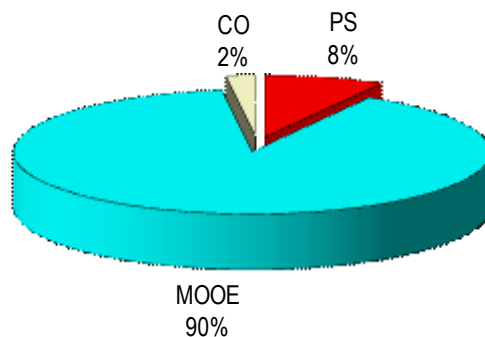
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1					
S & T Policy and Planning Services	7,188	9,992	5,190	22,370	9%
MFO 2					
R & D Management & Evaluation Services	7,970	218,020	-	225,990	86%
MFO 3					
Technology/Business Promotion and Advisory Services	6,407	7,521	-	13,928	5%
Total	21,565	235,533	5,190	262,288	100%
% Share	8%	90%	2%	100%	

By MFO (Total Budget=P262,288,000)



By Expense Class (Total Budget=P262,288,000)





Philippine Council for Industry, Energy and Emerging Technology Research and Development

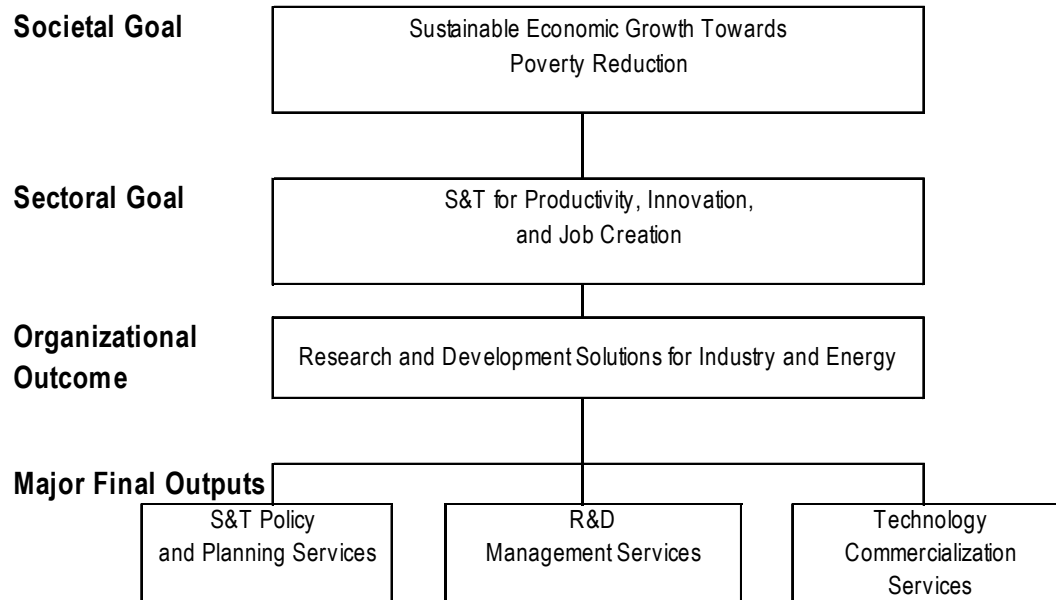
Legal Basis

- **Executive Order No. 784** (March 12, 1982) created the Philippine Council for Industry & Energy Research and Development (PCIERD).
- **Executive Order No. 292** (July 25, 1987) mandated the PCIERD to be one of five sectoral planning councils under the administrative supervision of the Department of Science and Technology.
- **Executive Order No. 128** (January 30, 1987) created the Philippine Council for Advanced Science and Technology Research and Development (PCASTRD) as one of the five sectoral planning councils of the Department of Science and Technology.
- **Executive Order No. 366** (September 19, 2010) created the Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD). PCIEERD is the consolidation of the Philippine Council for Advanced Science and Technology Research and Development (PCASTRD) and the Philippine Council for Industry and Energy Research and Development (PCIERD) following the approval of the Rationalization Plan by the Department of Budget and Management last 29 June 2010.

Mandate

The Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD) formulates national policies, plans, and programs and implementing strategies for advance science, industry and energy sectors. It programs and allocates government and other external funds earmarked for advance science, industry and energy sectors. It also provides the mechanism for assessment, evaluation and monitoring of R&D programs and updating of the national R&D plan. The agency also develop and implement resource generating strategies to implement and sustain programs for the sectors. Likewise, it provides support for the development of institutions and R&D human resource pool. Moreover, it shall establish, develop and maintain local and international technical cooperation and linkages; develop and implement programs for the optimal utilization, transfer, and commercialization of technologies and other research outputs; and; establish, develop and maintain an effective system for the acquisition and dissemination of research information.

LOGICAL FRAMEWORK (PCIEERD)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

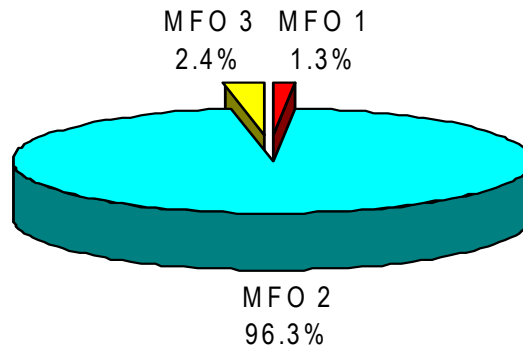
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
S&T Policy and Planning Services	21,808	33,513	8,610	7,578
No of plans, programs prepared/reviewed vis-à-vis adopted; no. of policy instruments formulated/reviewed vis-à-vis policies adopted	9	20	15	15
MFO 2				
R&D Management Services	90,787	194,943	122,027	573,696
No. of proposals reviewed vis-à-vis funded	160/59	315/62	165/65	200/90
Amount of grants released for new and ongoing projects	65,000	65,900	70,000	543,000
No. of completed projects subjected to impact evaluation	5	7	10	15
No. of graduate scholars supported under PCIEERD HRD Program	44	47	44	40
DOST Accelerated HRD Program		264		130
MFO 3				
Technology Commercialization Services	22,412	47,012	10,863	14,578
No. of technology promotion activities conducted	12	15	12	15
No. of technology transfer/license agreements made (adaptor)	2	1	2	5
No. of Intellectual Property filed/obtained	4	5	4	-
No. of seminars, scientific fora, symposia, conferences conducted/supported	55	50	65	50
TOTAL	135,007	275,468	141,500	595,852

FY 2012 MFO BUDGET

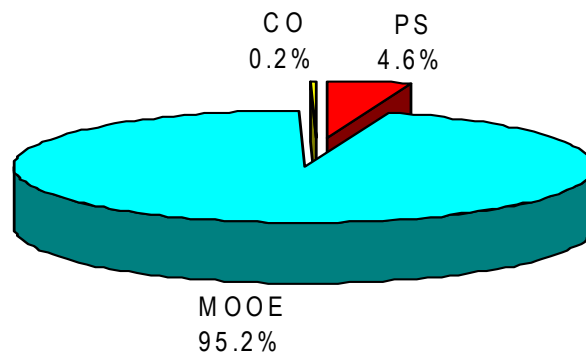
By MFO/By Expense Class (In Thousand Pesos)

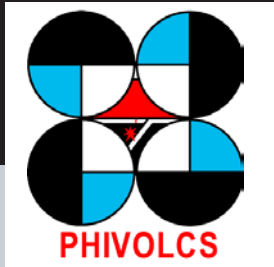
Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1 Policy & Planning Services	4,131	3,297	150	7,578	1.3%
MFO 2 R&D Strengthening, Program, Monitoring, and Evaluation Services	19,276	553,720	700	573,696	96.3%
MFO 3 Technology/Business Promotion & Advisory Services	4,131	10,297	150	14,578	2.4%
Total	27,538	567,314	1,000	595,852	100%
% SHARE	4.6%	95.2%	0.2%	100%	

By MFO (Total Budget=P595,852,000)



By Expense Class (Total Budget=P595,852,000)





Philippine Institute of Volcanology and Seismology

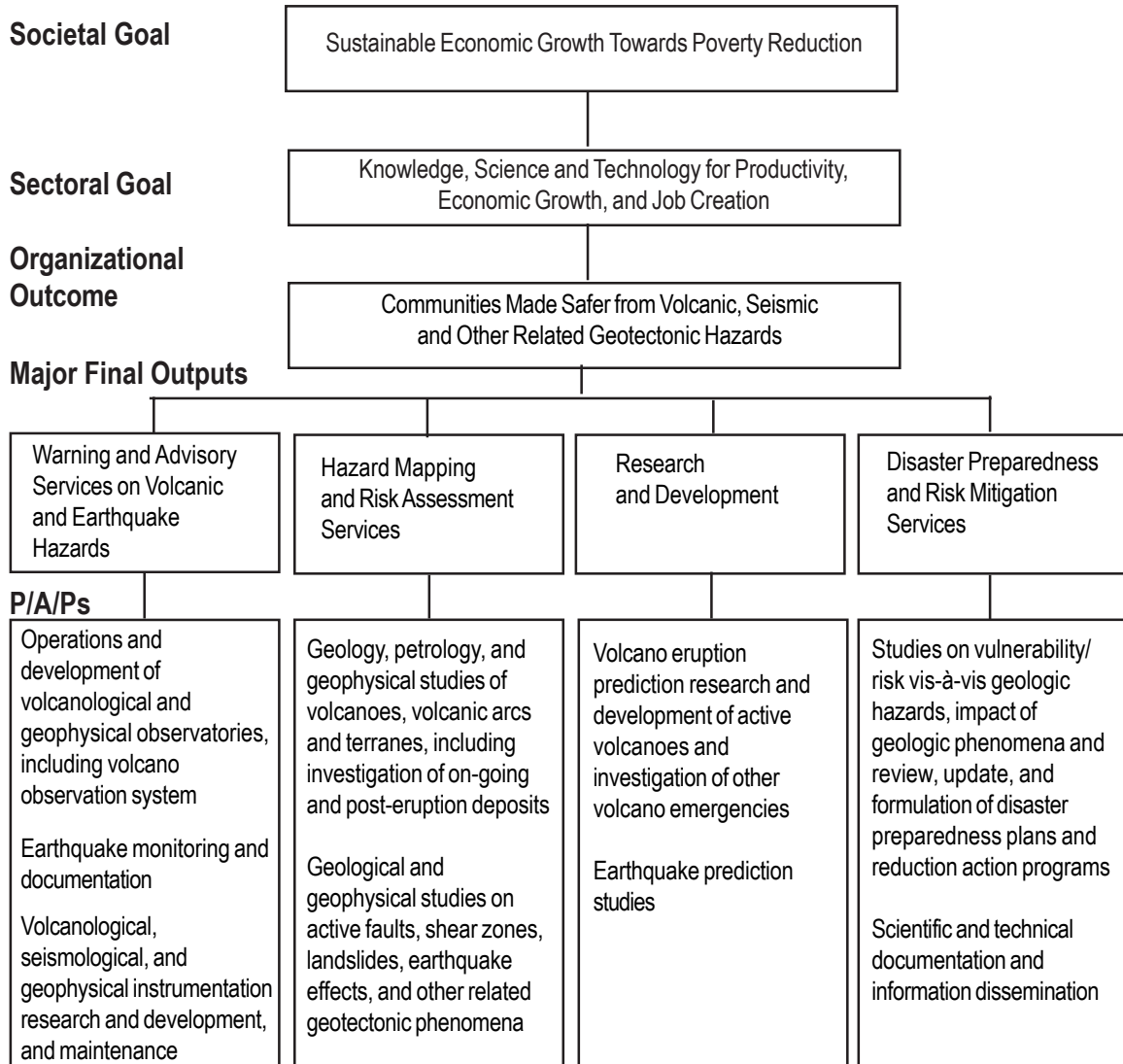
Legal Basis

- **Republic Act No. 766** (1952) created the Commission on Volcanology (COMVOL).
- **Executive Order No. 784** (March 17, 1982) reorganized the National Science Development Board (NSDB) into the National Science and Technology Authority (NSTA), restructuring and renaming the COMVOL to Philippine Institute of Volcanology (PHIVOLC).
- **Executive Order No. 984** (September 17, 1984) transferred the responsibility for Seismology, or the science that deals with earthquakes, which used to be a concern of PAGASA to PHIVOLC, thus renaming the agency to Philippine Institute of Volcanology and Seismology or PHIVOLCS.
- **Executive Order No. 128** (January 30, 1987) reorganized the National Science and Technology Authority (NSTA), structurally and functionally transforming it into the Department of Science and Technology (DOST), with PHIVOLCS as one of the Department's attached agencies.

Mandates

The Philippine Institute of Volcanology and Seismology (PHIVOLCS) is responsible for forecasting volcanic eruptions and earthquakes; and determining how they occur and what areas are likely to be affected. It mitigates hazards of volcanic activities through appropriate detection, forecast, and warning system, and formulates appropriate disaster-preparedness, and mitigation plans.

LOGICAL FRAMEWORK (PHIVOLCS)



PERFORMANCE MEASURES AND TARGETS
(Amounts in Thousand Pesos)

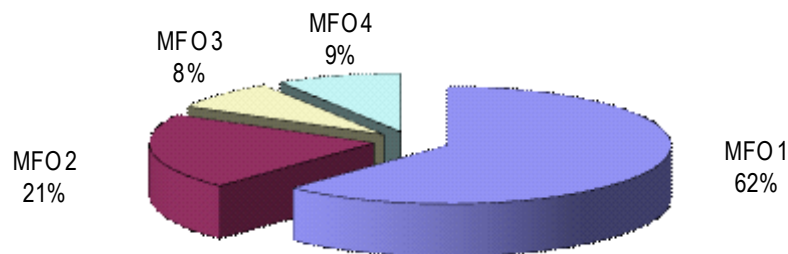
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Warning and advisory services on volcanic and earthquake hazards	71,922	128,864	132,835	135,978
Number of volcano updates/bulletins/advisories promptly issued	Demand-driven	803	Demand-driven	Demand-driven
Number of earthquake bulletins/advisories promptly issued	Demand-driven	470	Demand-driven	Demand-driven
Number of tsunami bulletins/advisories promptly issued	Demand-driven	38	Demand-driven	Demand-driven
Number of geological & geophysical events investigated	Demand-driven	4	Demand-driven	Demand-driven
MFO 2				
Hazard mapping and risk assessment services	13,818	20,723	29,109	46,760
Number of hazard maps generated/updated	10	2	20	5
Number of hazard and risk assessment issued	Demand-driven	255	Demand-driven	Demand-driven
Number of clients served				
Scientific data requests	Demand-driven	128	Demand-driven	Demand-driven
Map requests	Demand-driven	138	Demand-driven	Demand-driven
MFO 3				
Research and development*	12,153	15,682	21,433	18,469
Number of projects implemented	13	13	13	13
Number of technical papers prepared vis-à-vis number of papers published in ISI-listed journals	5/1	5/2	5/1	5/1
Number of R&D collaborative projects with international scientific organizations**	8	9	7	7
MFO 4				
Disaster preparedness and risk mitigation services	13,922	17,481	22,290	18,832
Number of clients served by type of service				
Disaster preparedness lectures conducted	Demand-driven	43,367	Demand-driven	Demand-driven
Volcano/earthquake/tsunami drills organized	Demand-driven	7,200	Demand-driven	Demand-driven
Educational tours hosted/Visits to agency facilities	Demand-driven	33,974	Demand-driven	Demand-driven
Number of new information materials developed	5	15	6	4
Number of new information materials disseminated	Demand-driven	102,667	100,000	100,000
TOTAL	111,815	182,750	205,667	220,039

FY 2012 MFO BUDGET

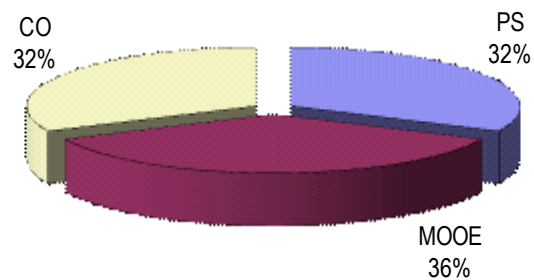
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1					
Warning and advisory services on volcanic and earthquake hazards	38,291	51,061	46,626	135,978	62%
MFO 2					
Hazard mapping and risk assessment services	16,225	11,147	19,388	46,760	21%
MFO 3					
Research and development	6,702	8,466	3,301	18,469	8%
MFO 4					
Disaster preparedness and risk mitigation services	10,028	8,434	370	18,832	9%
Total	71,246	79,108	69,685	220,039	100%
% Share	32%	36%	32%	100%	

By MFO (Total Budget=P220,039,000)



By Expense Class (Total Budget=P220,039,000)





Philippine Nuclear Research Institute

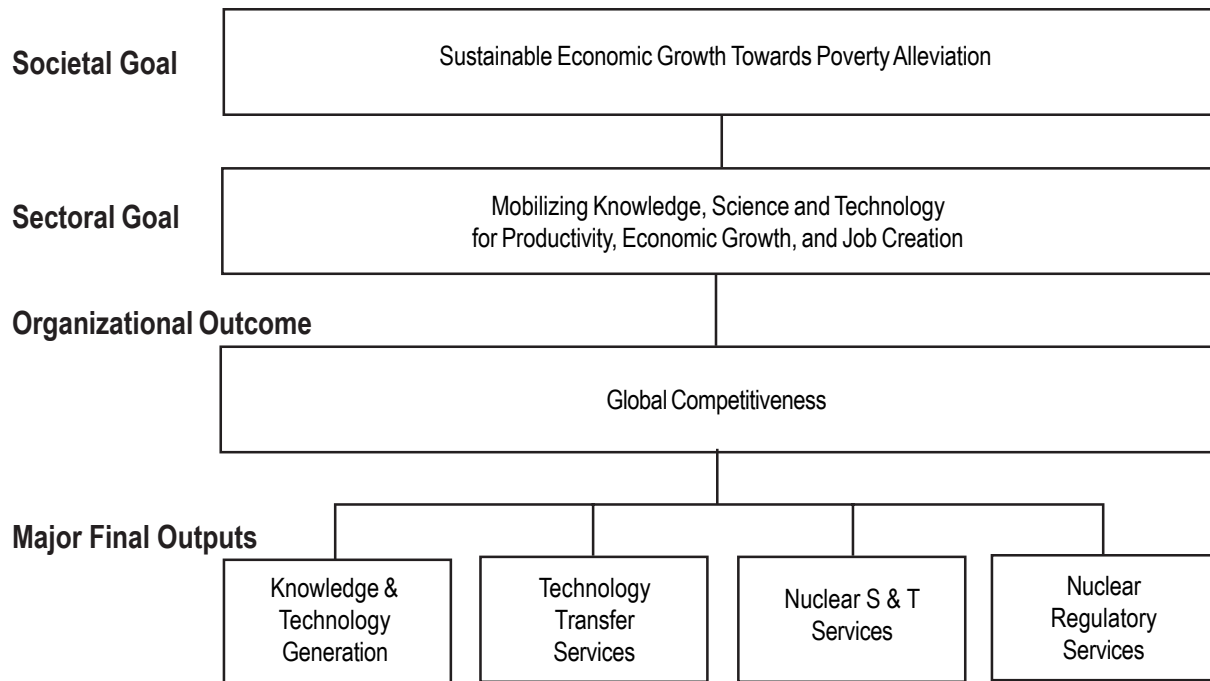
Legal Basis

- **Republic Act 2067** (June 13, 1958), the Science Act of 1958, created the Philippine Atomic Energy Commission.
- **Executive Order No. 128** (January 30, 1987) reorganized the Philippine Atomic Energy Commission to Philippine Nuclear Research Institute.

Mandate

The Philippine Nuclear Research Institute (PNRI) conducts research and development on the application of radiation and nuclear materials, processes, and techniques in agriculture, food, health, nutrition, medicine, and in industrial or commercial enterprises; and, transfers research results to end-users; through technical extension and training services. It operates and maintains nuclear research reactors and other radiation facilities, and regulates activities relative to production, transfer, and utilization of nuclear and radioactive substances.

LOGICAL FRAMEWROK (PNRI)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

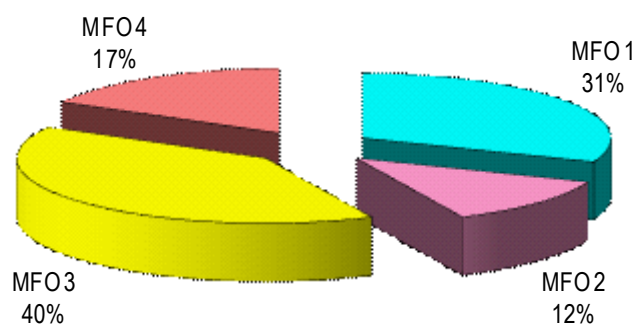
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Knowledge and Technology Generation	38,636	58,768	58,266	44,106
No. of nuclear R&D projects implemented	39	38	40	42
No. of technical papers published	4	13	5	5
No. of technical papers presented	40	34	42	42
No. of intellectual property rights/protection filed/granted	1	1	2	1
Resources generated (in thousand pesos)	22,943	63,934	23,057	20,000
MFO 2	4,890	7,000	5,184	15,755
Technology Transfer Services				
No. of technology transferred/agreements forged	1	2	2	2
MFO 3				
Nuclear S&T Services	39,280	63,162	47,655	56,136
Testing, analysis and calibration services				
- No. of services rendered	832	1,436	836	1,300
- No. of clients served	393	1,045	395	850
- Income generated (in thousand pesos)	2,693	2,268	2,696	2,470
Other specialized services				
- No. of services rendered	69,467	73,643	69,814	77,000
- No. of clients served	38,186	36,673	38,377	37,300
- Income generated (in thousand pesos)	13,087	22,172	13,093	16,575
MFO 4				
Nuclear Regulatory Services	24,248	31,746	29,541	24,464
No. of licenses issued	250	310	251	300
No. of regulations developed	3	3	3	3
No. of inspection and audit of licensed facilities	183	195	184	165
Income generated (in thousand pesos)	2,597	3,318	2,597	3,166
Resources generated (in thousand pesos)	3,116	3,665	3,131	2,500
TOTAL	107,054	160,676	140,646	140,461

FY 2012 MFO BUDGET

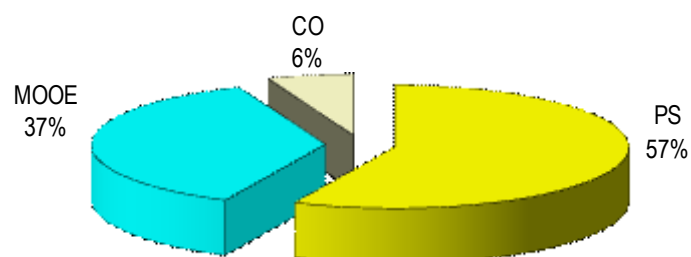
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1 Nuclear Research and Development	27,450	16,206	450	44,106	31%
MFO 2 Technology Transfer Services	10,869	4,886	-	15,755	12%
MFO 3 Nuclear S&T Services	27,932	20,175	8,029	56,136	40%
MFO 4 Nuclear Regulatory Services	13,408	11,056	-	24,464	17%
Total	79,659	52,323	8,479	140,461	100%
% Share	57%	37%	6%	100%	

By MFO (Total Budget=P140,461,000)



By Expense Class (Total Budget=P140,461,000)





Philippine Science High School

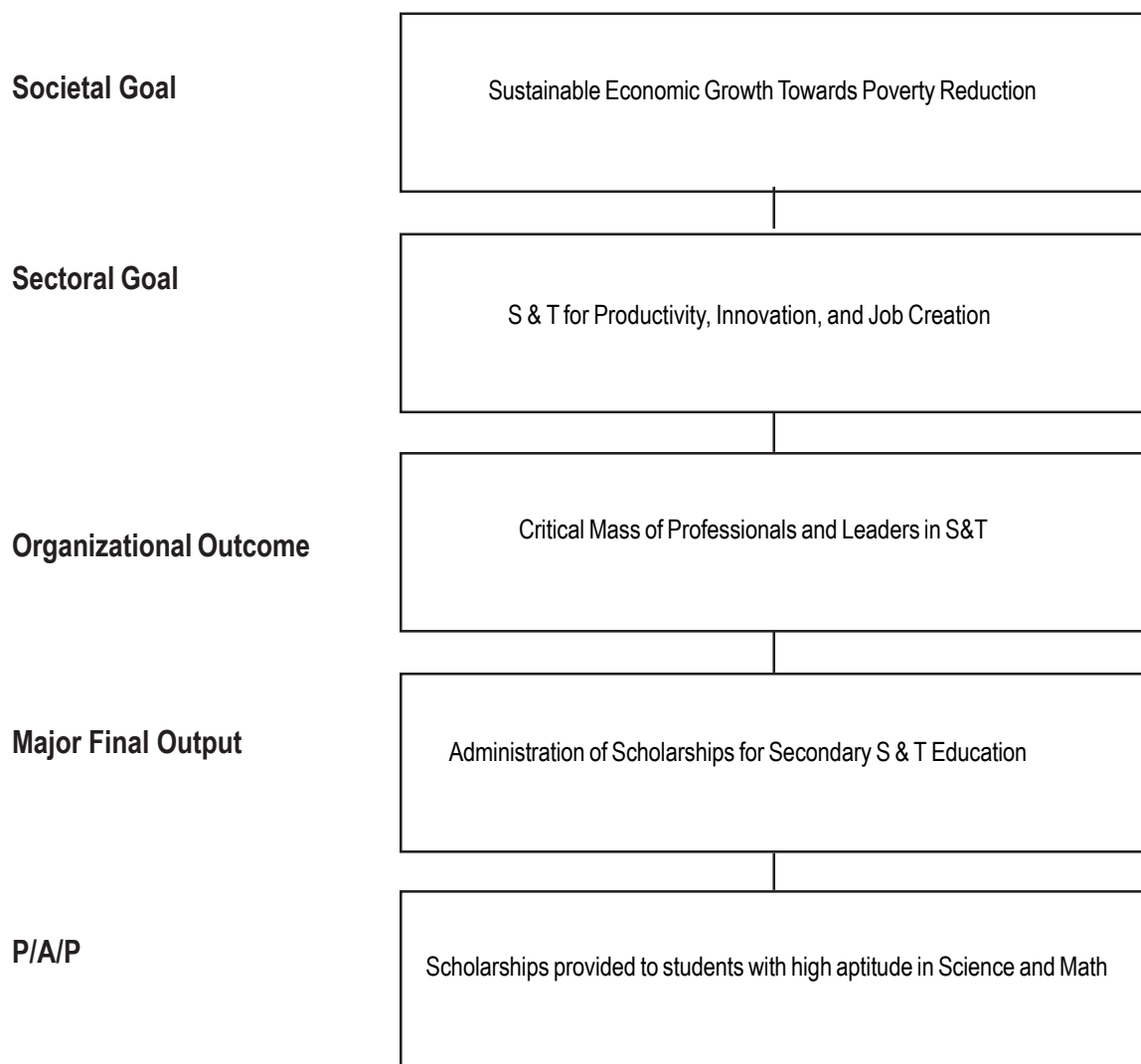
Legal Basis

- **Republic Act No. 3661** (June 22, 1963) established the Philippine Science High School (PSHS).
- **Republic Act No. 8496** (February 12, 1998), the PSHS System Law, established the PSHS System (to include, in addition to the PSHS Main Campus, various other campuses in several parts of the country), unifying all existing campuses into a single system of governance and management.
- **Republic Act No. 9036** (March 12, 2001) amended RA 8496, strengthening the governance of the PSHS System and defining its scope.

Mandate

The Philippine Science High School (PSHS) offers on, a scholarship basis, a secondary course with special emphasis on subjects pertaining to the sciences with the view of preparing its students for a science career.

LOGICAL FRAMEWORK (PSHS)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1	419,693	596,032	479,001	705,435
Administration of Scholarship for Secondary Science and Technology Education				
Number of scholars supported	3,536	3,527	3,838	4,334
Percentage of graduates enrolled in S&T courses	100%	99%	100%	100%
All PSHS campuses to rank in the Top 20 Schools in the UPCAT	Top 20	Top 9	Top 20	Top 20
Percentage of PSHS graduates passing the UPCAT	87%	91%	95%	95%
TOTAL	419,693	596,032	479,001	705,435

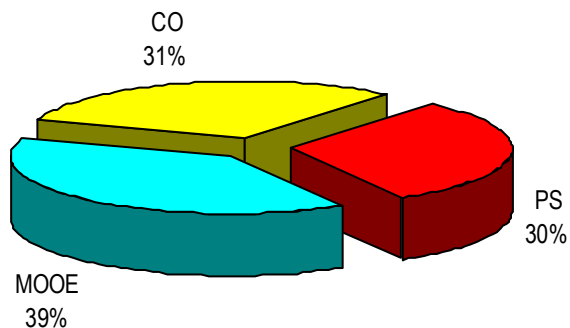
FY 2012 MFO BUDGET

By MFO/By Expense Class

(In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO1	215,005	274,996	215,434	705,435	100%
Administration of Scholarship for Secondary S&T Education					
Total	215,005	274,996	215,434	705,435	100%
%Share	30%	39%	31%	100%	

By Expense Class (Total Budget=P705,435,000)





Philippine Textile Research Institute

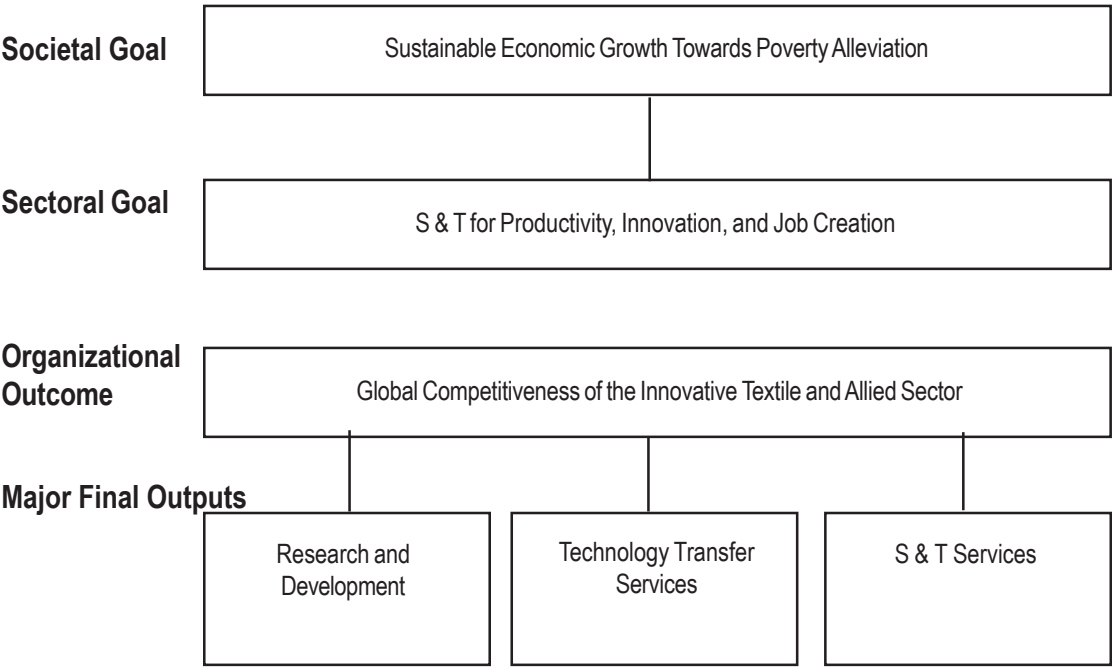
Legal Basis

- **Resolution 246 R.3** (January 3, 1967) established the Philippine Textile Research Institute (PTRI) as a line agency of the National Science Development Board (NSDB).
- **Executive Order No. 128** (January 30, 1987) reorganized the NSDB to the Department of Science and Technology (DOST) and the agencies, including PTRI, under it.

Mandate

The Philippine Textile Research Institute (PTRI) conducts applied research and development for the textile industry sector. In fulfilling this mandate, it undertakes the transfer of completed researches to end-users or via linkage units of other government agencies. It provides technical services and conducts training programs on the concerns of the sector.

LOGICAL FRAMEWORK (PTRI)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

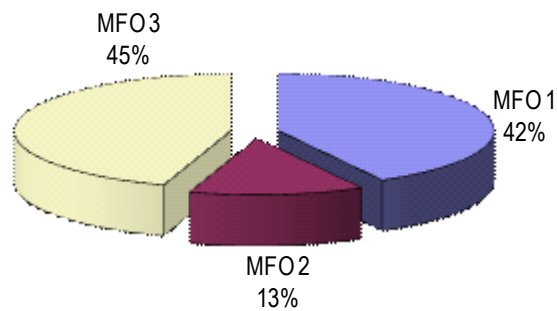
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1	20,414	30,565	24,832	22,365
Research and Development				
Number of research and development projects implemented	15	23	16	16
Number of IPs filed/granted	5	5	4	5
Number of technical papers developed/published in internationally-referred journals	6/1	10/1	6/1	6/1
MFO 2				
Technology Transfer Services	4,336	5,697	7,665	7,278
Number of technology adaptors	1,107	1,134	1,110	1,110
Number of technology transfer agreements made	4	5	6	7
MFO 3	15,213	41,774	27,848	23,984
Science and Technology Services				
Number of clients served	13,260	16,710	15,399	15,405
Income generated	2,864	4,735	2,892	2,993
TOTAL	39,963	78,036	60,345	53,627

FY 2012 MFO BUDGET

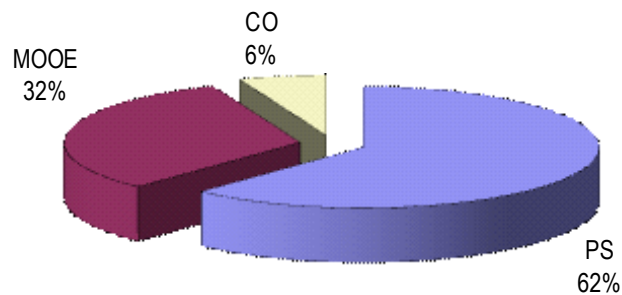
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1					
Research and Development	13,138	8,136	1,091	22,365	42%
MFO 2					
Technology Transfer Services	3,872	2,315	1,091	7,278	13%
MFO 3					
S & T Services	16,369	6,524	1,091	23,984	45%
Total	33,379	16,975	3,273	53,627	100%
% SHARE	62%	32%	6%	100%	

By MFO (Total Budget=P53,627,000)



By Expense Class (Total Budget=P53,627,000)





Science Education Institute

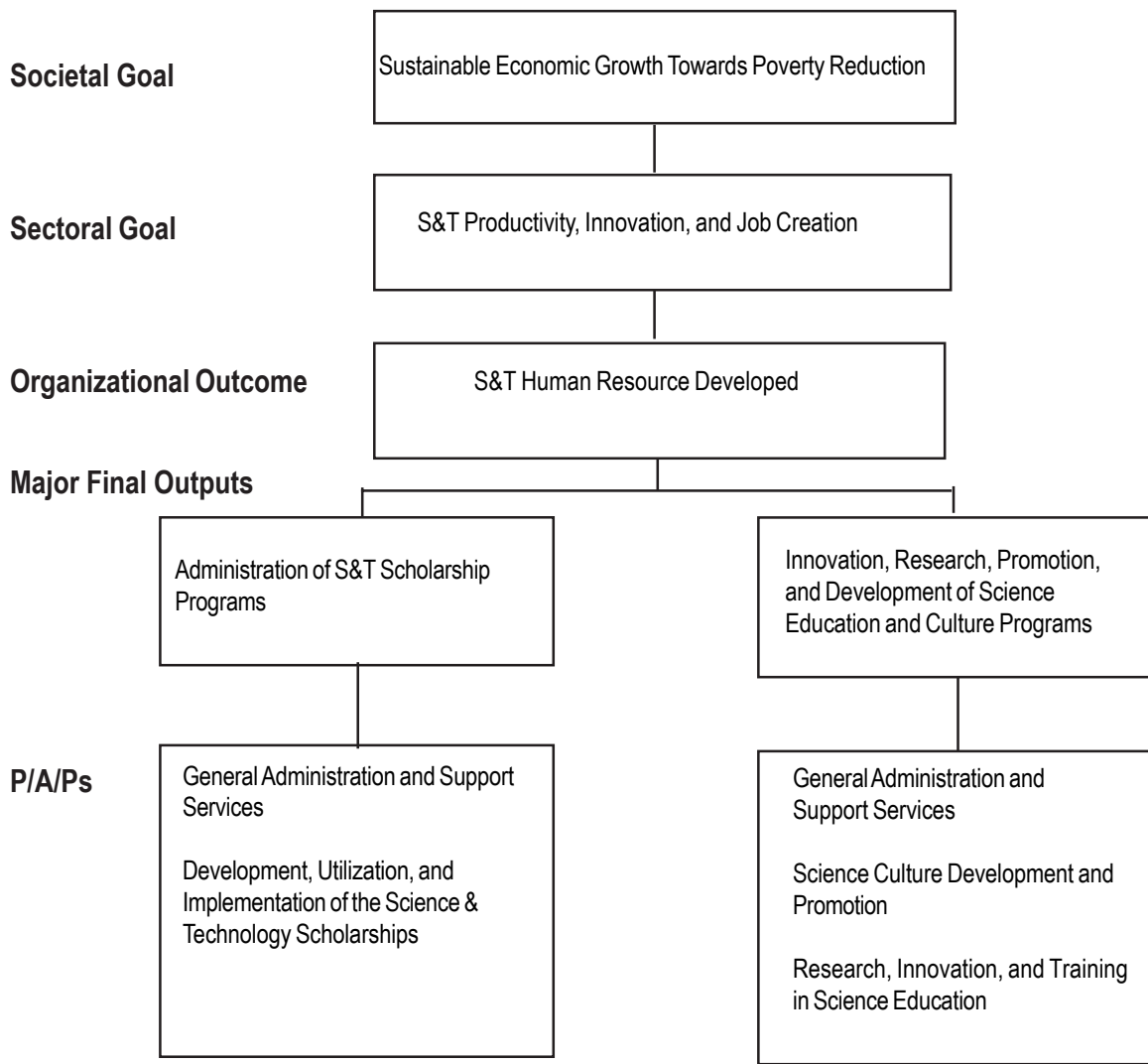
Legal Basis

Executive Order No. 128 (January 30, 1987), otherwise known as the Reorganization Act of the National Science and Technology Authority, created the Science Education Institute.

Mandate

The Science Education Institute (SEI) formulates plans and establishes programs and projects for the promotion and development of science and technology education and training in the field of science and technology in coordination with other institutions of learning. It undertakes science and technology manpower development and administers scholarships, awards, and grants.

LOGICAL FRAMEWORK (SEI)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

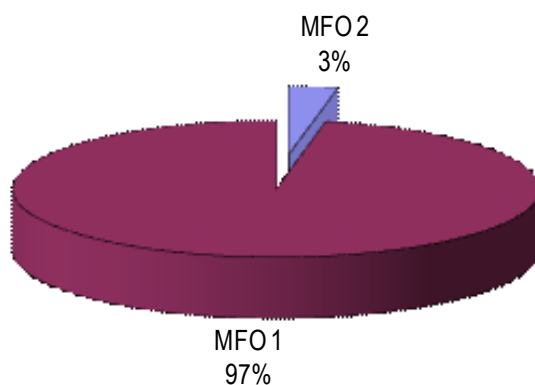
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1	439,314	664,572	474,292	1,326,593
Administration of Science and Technology Scholarship Programs				
Number of scholars supported				
Undergraduate level	10,753	10,142	9,902	9,991
Masters program	91	91	87	2,067
Doctoral program	81	81	77	645
Number of scholar graduates monitored/tracked	10,925	10,856	10,066	12,703
MFO 2	36,031	58,438	36,987	43,019
Promotion and Development of Science Education and Culture Programs				
Number of trainees/beneficiaries				
e-Training	450	450	450	450
Microcontrollers' training	30	30	30	30
Robotics Applications in Training High School Physics	100	100	100	100
Training on Science and Math Investigation	40	40	40	40
Advanced Specialized Training Programs in Science and Mathematics Education	300	720	480	140
Science Camp (Science, Mathematics & Engineering)	65	60	60	60
Number of lessons in secondary science and math digitized	133	174	166	148
Number of modules for elementary English and Filipino digitized	40	40	--	--
Number of Mobile IT Classrooms deployed (MITC)	4	4	4	4
Number of science education databases developed and maintained	12	12	14	4
Number of studies/researches conducted/assisted	5	5	7	7
Number of science and math competitions <i>Conducted/Assisted/Participated</i>				
Local	12	12	8	8
Abroad	5	5	5	5
TOTAL	475,345	723,010	511,279	1,369,612

FY 2012 MFO BUDGET

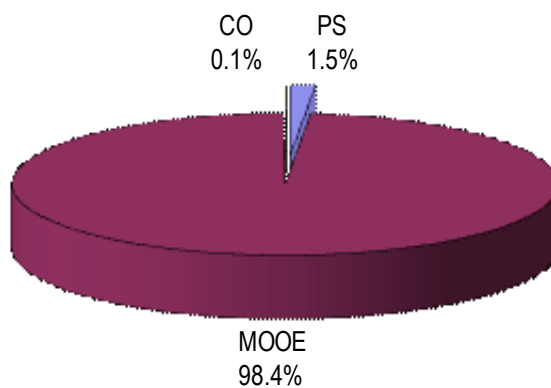
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1					
Administration of S&T Scholarship Programs	12,356	1,313,073	1,164	1,326,593	97%
MFO 2					
Innovations, Research, Promotion, and Development of Science Education and Culture Programs	8,671	34,312	36	43,019	3%
Total	21,027	1,347,385	1,200	1,369,612	100%
% Share	1.5%	98.4%	0.1%	100%	

By MFO (Total Budget=P1,369,612,000)



By Expense Class (Total Budget=P1,369,612,000)





Science and Technology Information Institute

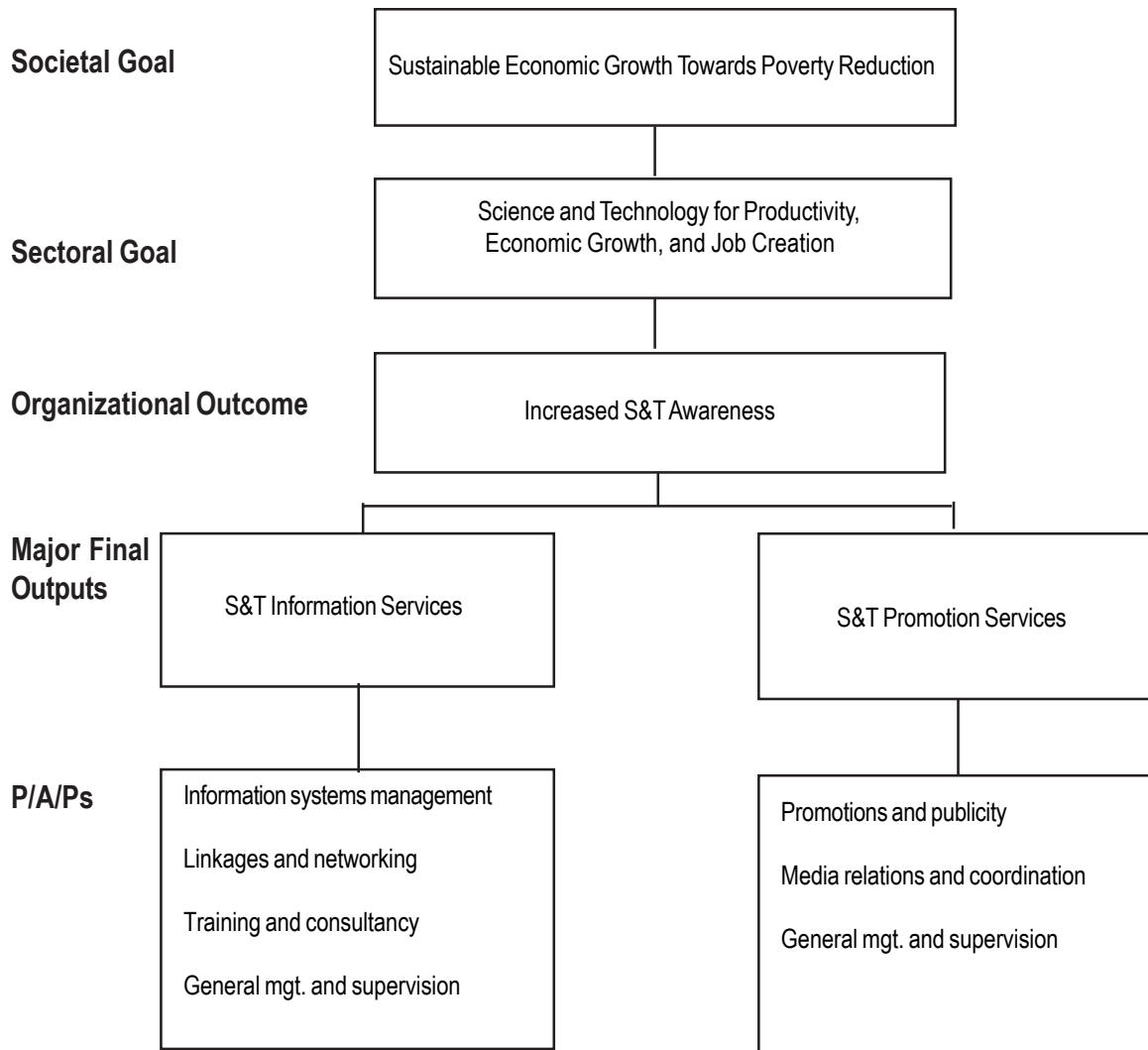
Legal Basis

Executive Order No. 128 (January 30, 1987) reorganized the National Science and Technology Authority (NSTA), creating thereby a Science and Technology Information Institute as the information and marketing arm of the NSTA, now the Department of Science and Technology (DOST).

Mandate

The Science and Technology Information Institute (STII) takes the lead in information science and technology training. It establishes and maintains a science and technology databank and library, and disseminates science and technology information.

LOGICAL FRAMEWORK (STII)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

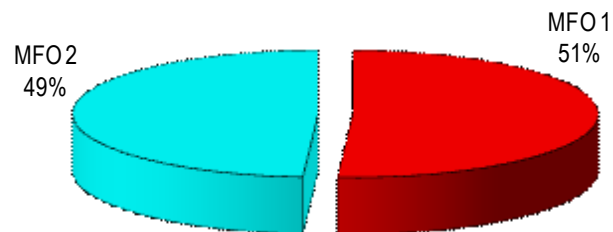
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
S & T Information Services	17,258	22,474	20,976	19,146
No. of clients served	260,000	269,797	260,000	260,000
No. of institutional databases maintained	26	26	26	26
No. of publications issued	30	30	30	30
No. of training & consultancy conducted	36	29	36	36
No. of library collections acquired	1,200	1,435	1,250	1,250
MFO 2				
S & T Promotional Services	16,985	24,189	22,723	18,382
No. of promotion materials developed/produced	850	1,093	900	900
No. of promotion services conducted	1,500	4,337	1,600	1,600
TOTAL	34,243	46,663	43,699	37,528

FY 2012 MFO BUDGET

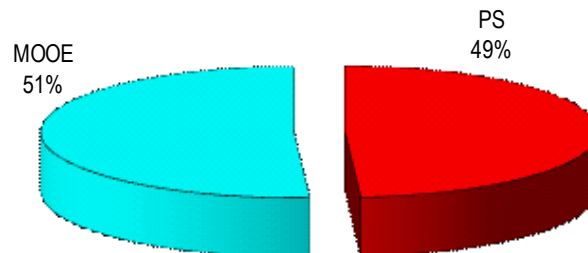
By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1 S & T Information Services	9,681	9,465	-	19,146	51%
MFO 2 S & T Promotions Services	8,891	9,491	-	18,382	49%
Total	18,572	18,956	-	37,528	100%
% Share	49%	51%	0%	100%	

By MFO (Total Budget=P37,528,000)



By Expense Class (Total Budget=P37,528,000)





Technology Application and Promotion Institute

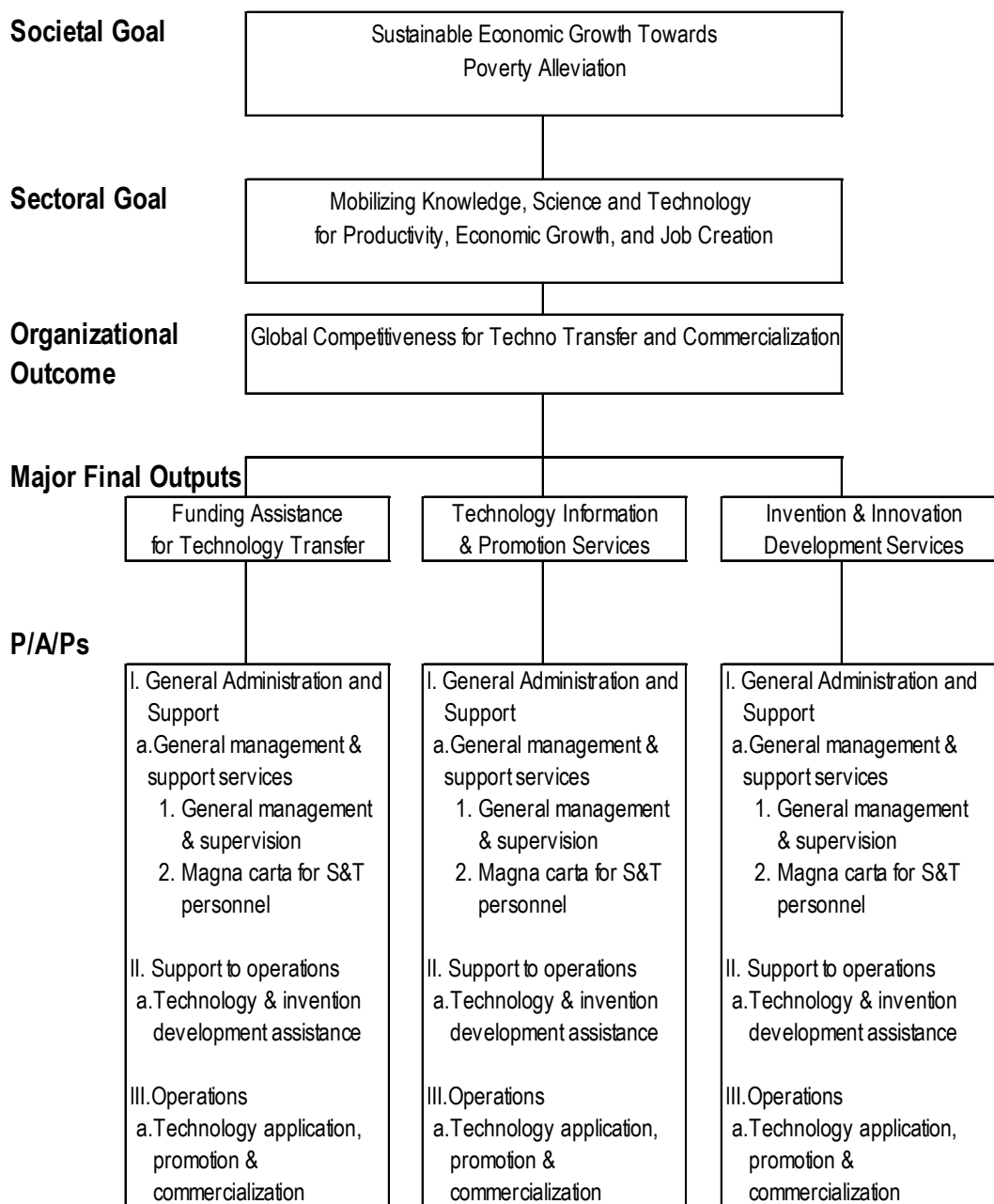
Legal Basis

Executive Order No. 128 (January 30, 1987), Reorganizing the National Science and Technology Authority (NSTA), provided for the Technology Application and Promotion Institute (TAPI) as one of NSTA's attached agencies.

Mandate

The Technology Application and Promotion Institute (TAPI) is the implementing arm of DOST in promoting the commercialization of technologies and in marketing the services of the other operating units of the Department. It undertakes contract research, particularly at pilot plant and semi-commercial stage; provides technical consultancy, including engineering design services, patenting and licensing services; and provides grants and/or venture financing for new and emerging projects. It administers the Invention Development Assistance Fund (IDAF) for the initial experiments and prototype development and other invention development-related activities, and the Inventors Guarantee Fund (IGF) for assisting inventors in the development and commercialization of inventions.

LOGICAL FRAMEWORK (TAPI)



PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

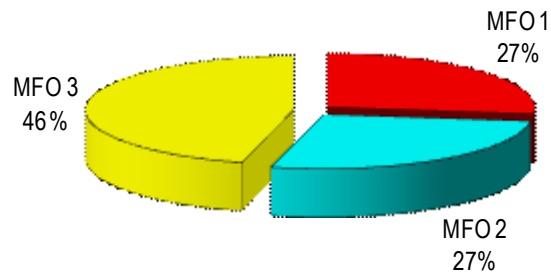
Particulars	FY 2010		FY 2011	FY 2012
	Target/ Amount	Actual/ Amount	Target/ Amount	Target/ Amount
MFO 1				
Funding Assistance for Technology Transfer	16,381	30,334	20,992	23,432
No. of proposals received/appraised vis-à-vis	220/180	164/180	180/180	180/180
No. of proposals approved	120/300	262/300	300/300	200/300
No. of on-going projects monitored	800	222	253	250
Amount recovered from investment	5,500	5,600	5,000	5,000
MFO 2				
Technology Information and Promotion Services	19,943	28,385	20,993	23,432
No. of Information, Educational and Communication (IEC) materials developed	30	35	30	30
No. of promotional activities conducted	30	56	35	35
MFO 3				
Invention & Innovation Development Services	17,339	22,612	30,996	38,795
No. of requests/proposals received/appraised	137	95	200	200
No. of proposals approved	147	302	200	200
No. of clients served - Individuals	800	725	800	800
TOTAL	53,663	81,331	72,981	85,659

FY 2012 MFO BUDGET

By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
MFO 1 Funding Assistance for Technology Transfer	9,636	13,796	-	23,432	27%
MFO 2 Technology Information and Promotion Services	8,898	14,534	-	23,432	27%
MFO 3 Invention & Innovation Development Services	9,023	18,772	11,000	38,795	46%
Total	27,557	47,102	11,000	85,659	100%
% Share	32%	55%	13%	100%	

By MFO (Total Budget=P85,659,000)



By Expense Class (Total Budget=P85,659,000)

