

## DEPARTMENT OF SCIENCE AND TECHNOLOGY

### Legal Basis

- **Republic Act No. 2507** (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-OSEC)

### Societal Goal

Sustainable Economic Growth Towards Poverty Alleviation

### Sectoral Goal

Knowledge, Science and Technology for Productivity, Economic Growth, and Job Creation

### Organizational Outcomes

Knowledge & Technology Diffused

New Knowledge & Technologies Generated

S&T Human Resources Developed

Quality S&T Services Provided

### Major Final Outputs

S&T Policy Services

S&T Fund Management Services

Regional S&T Services

### P/APs

General management and supervision

Development, coordination, monitoring and evaluation of national S&T policies and programs

International/local S&T networking and other related activities

Management information and statistical services

Conduct of S&T conferences and exhibitions

Operation and maintenance of the National Committee on Biosafety of the Phils. (E.O. No. 430)

General management and supervision

Research and development and research capability building in priority areas identified as strategic to national development

Diffusion and transfer of technologies

Development of human resources for science and technology sector

Provision of science and technology services, including promotion of science and technology

Extension and enhancement of science and technology activities

### Performance Indicators

Number of S&T policies, plans, and programs adopted and implemented by agencies/external entities.

Number of project proposals reviewed/appraised as against number of projects approved for funding

- R & D
- Techno transfer
- Human resources
- Technology commercialization

Number of scholars supported

- Accelerated S&T human resource development
- Engineering research and dev't technology (ERDT)
- Other scholarship programs

Clients served per type of S&T service

- Technology acquisition & upgrading
- Testing & calibration
- Packaging & labeling
- Consultancy services

**PERFORMANCE MEASURES AND TARGETS**  
(Amounts in Thousand Pesos)

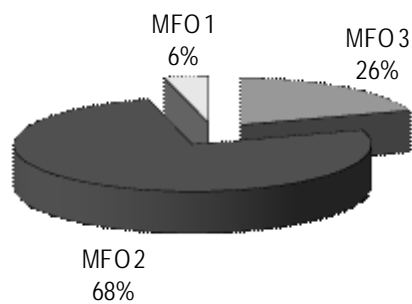
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target// Amount	Target/ Amount
<b>MFO 1</b>			
<b>Science and Technology Policy Services</b>	<b>167,292</b>	<b>90,941</b>	<b>127,984</b>
No. of policy instruments against no. adopted by stakeholders	10	10	10
<b>MFO 2</b>			
<b>Science and Technology Fund Management Services</b>	<b>145,774</b>	<b>1,553,410</b>	<b>1,554,238</b>
1. Number of project proposals reviewed/appraised against number of projects approved for funding:	489/390	470	500
a. Research and development	238/169	173	180
b. Technology transfer	166/153	210	220
c. Human resources	35/25	34	40
d. Technology commercialization	50/43	53	60
2. Amounts released to approved projects ('000)	145,774	1,553,410	1,554,238
a. Research and development	79,242	537,910	537,910
b. Technology transfer	8,984	300,000	300,828
c. Human resources	31,650	675,500	675,500
d. Technology commercialization	25,898	40,000	40,000
<b>MFO 3</b>			
<b>Regional Science and Technology Services</b>	<b>577,110</b>	<b>612,597</b>	<b>599,204</b>
1. Clients served per type of S&T services			
a. Technology acquisition and upgrading	2,302	1,225	2,151
b. Testing and calibration	5,499	5,358	20,117
c. Packaging and labeling	713	707	852
d. Consultancy services	7,912	5,247	2,166
e. Technology training	4,929	3,217	3,151
f. Technology clinics/investors fora	3,047	1,607	1,564
<b>TOTAL</b>	<b>890,176</b>	<b>2,256,948</b>	<b>2,281,426</b>

## FY 2011 MFO BUDGET

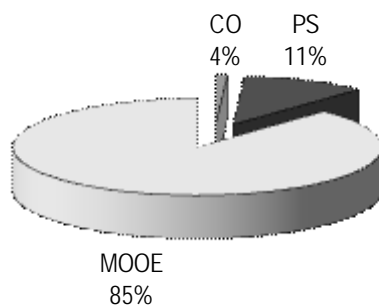
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b>					
S&T Policy Services	62,284	58,200	7,500	127,984	6%
<b>MFO 2</b>					
S&T Fund Management Services	-	1,554,238	-	1,554,238	68%
<b>MFO 3</b>					
Regional S&T Services	190,787	333,127	75,290	599,204	26%
<b>TOTAL</b>	<b>253,071</b>	<b>1,945,565</b>	<b>82,790</b>	<b>2,281,426</b>	<b>100.00%</b>
<b>% Share</b>	<b>11%</b>	<b>85%</b>	<b>4%</b>	<b>100.00%</b>	

### By MFO (Total Budget = P2,281,426,000)



### By Expense Class (Total Budget = P2,281,426,000)





## Advanced Science and Technology Institute

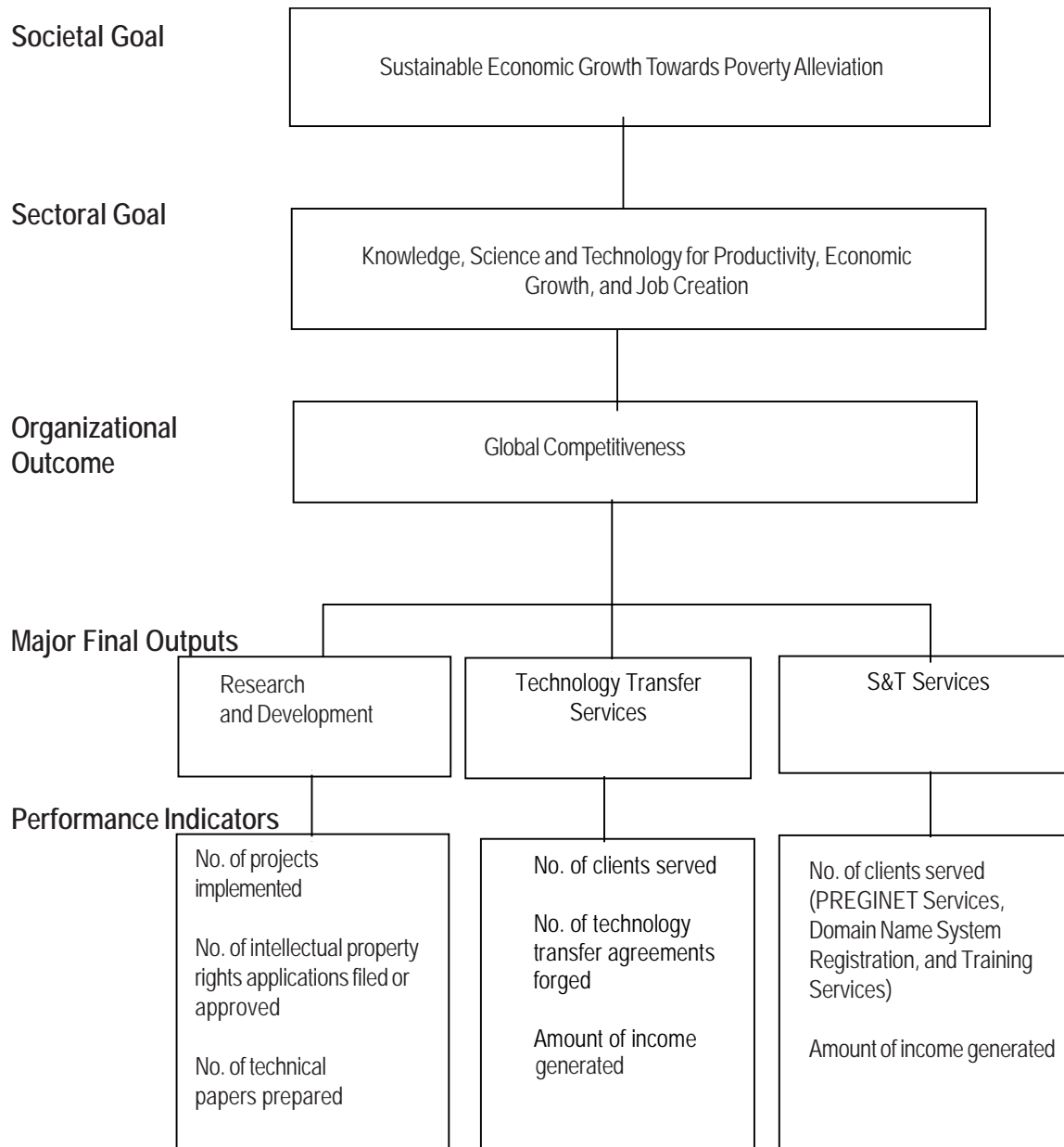
### Legal Basis

**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)

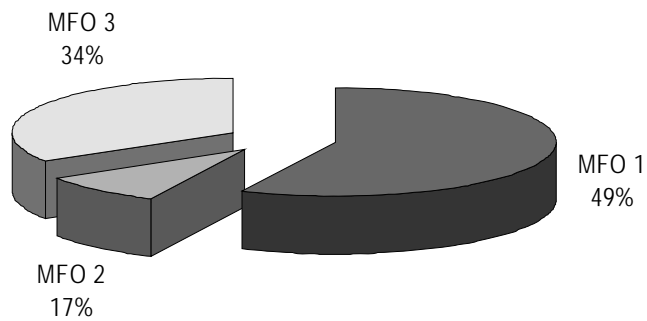
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>Research and Development</b>	<b>24,282</b>	<b>21,580</b>	<b>27,180</b>
No. of projects implemented	20	16	18
No. of IPs filed or approved	2	2	3
No. of technical papers prepared	2	2	3
<b>MFO 2</b>			
<b>Technology Transfer Services</b>	<b>4,240</b>	<b>3,570</b>	<b>9,616</b>
No. of clients served	8,193	2,500	3,600
No. of technology transfer agreements forged	8	12	14
Amount of income generated (in PhP)	265	125	225
<b>MFO 3</b>			
<b>S &amp; T Services</b>	<b>10,021</b>	<b>12,958</b>	<b>18,655</b>
No. of clients served	2,800	3,000	3,600
Amount of income generated (in PhP)	14,135	3,000	13,556
<b>TOTAL</b>	<b>38,543</b>	<b>38,108</b>	<b>55,451</b>

## FY 2011 MFO BUDGET

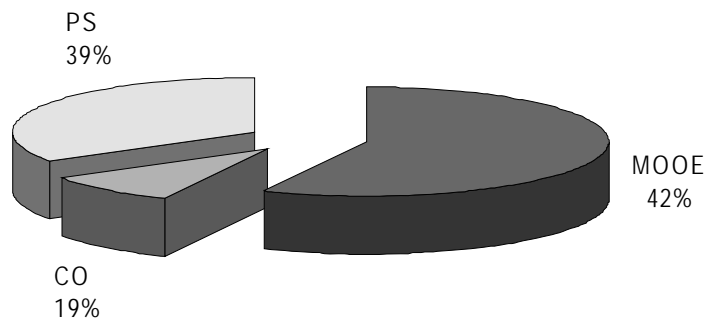
### By MFO/ By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	Total	% Share
<b>MFO 1</b> Research and Development	14,194	6,444	6,542	27,180	49%
<b>MFO 2</b> Technology Transfer Services	5,021	2,280	2,315	9,616	17%
<b>MFO 3</b> S & T services	2,622	14,825	1,208	18,655	34%
<b>TOTAL</b>	<b>21,837</b>	<b>23,549</b>	<b>10,065</b>	<b>55,451</b>	<b>100%</b>
<b>% Share</b>	<b>39%</b>	<b>42%</b>	<b>19%</b>	<b>100%</b>	

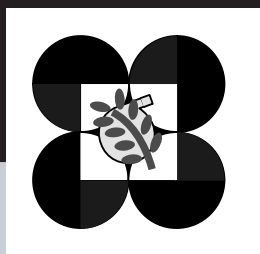
### By MFO (Total Budget = P55,451,000)



### By Expense Class (Total Budget = P55,451,000)







## Food and Nutrition Research Institute

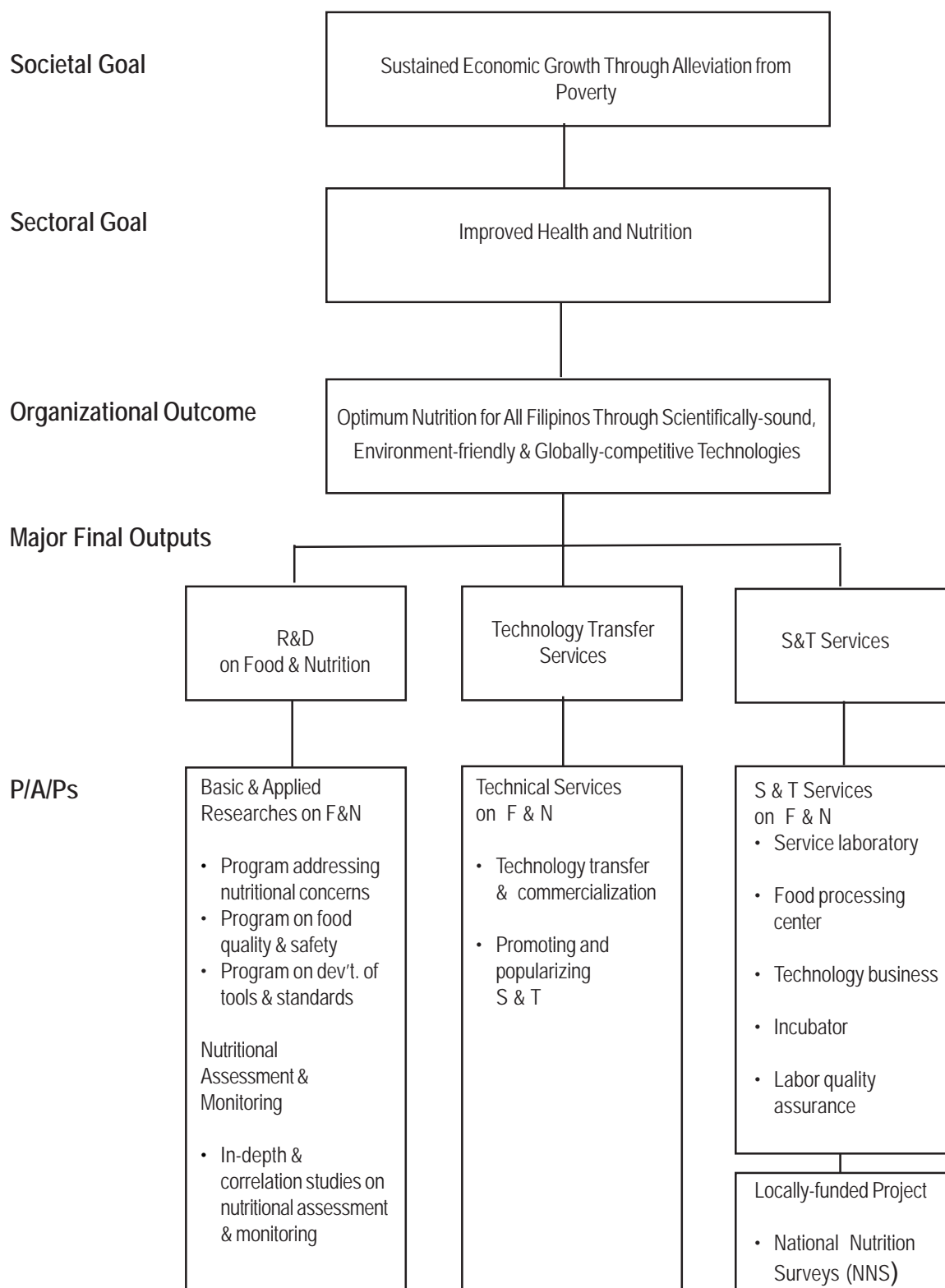
### Legal Basis

- **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 2009	FY 2010	FY 2011
	Amount/ Actual	Amount/ Target	Amount/ Target
<b>MFO 1</b>			
<b>R&amp;D on Food &amp; Nutrition</b>	<b>45,886</b>	<b>60,119</b>	<b>42,765</b>
No. of R&D projects implemented	40	45	35
No. of scientific/technical papers prepared	33	35	25
No. of scientific/technical papers published	9	7	7
No. of IPs filed/approved	10	3	3
<b>MFO 2</b>			
<b>Technology Transfer Services</b>	<b>9,855</b>	<b>14,549</b>	<b>20,661</b>
No. of clients served	3,187	1,800	1,800
RO supported	1,093	600	600
RDIs direct clients	2,094	1,200	1,200
No. of technology transfer agreements/ licensing made	**54	5	5
<b>MFO 3</b>			
<b>S&amp;T Services</b>	<b>44,486</b>	<b>29,388</b>	<b>77,810</b>
No. of technical/analytical services rendered	673	400	400
No. of clients served	8,699	4,800	3,500
Income generated ('000)	1,463	1,200	1,200
Field Survey Activities, 2008			
No. of nutrition indicators collected			
No. of feedback conferences/meetings conducted	30		
Updating of the Nutritional Status of Filipino Population			
No. of pre-survey areas visited/conferences with local officials conducted			500
No. of survey/enumeration areas (EAs) communities covered per province			30
No. of households covered			4,000
No. of individuals covered			200,000
% of construction completed			100
<b>TOTAL</b>	<b>100,227</b>	<b>104,056</b>	<b>141,236</b>

**Note:**

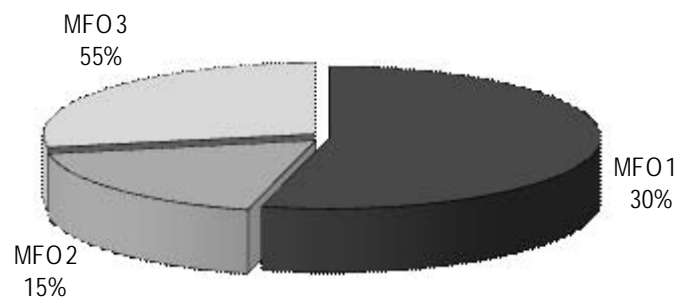
**\*\* Includes accomplishment for the project, \*Accelerated Program of the Commercialization on Veggie Bread/Noodles.**

## FY 2011 MFO BUDGET

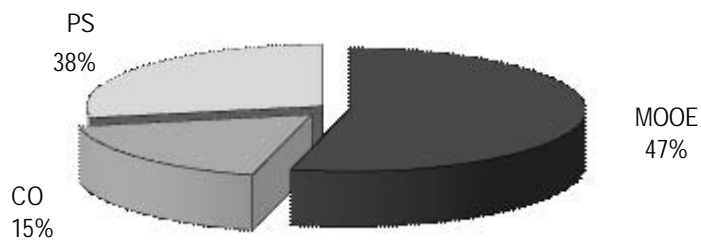
### By MFO/By Expense Class (In Thousand Pesos)

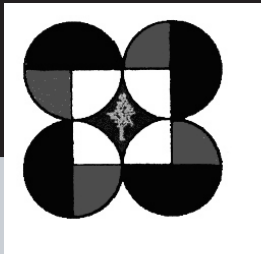
Particulars	PS	MOOE	CO	Total	% Share
<b>MFO 1</b>					
Research and Development	24,548	9,125	9,092	42,765	30%
<b>MFO 2</b>					
Technology Transfer Services	11,208	4,453	5,000	20,661	15%
<b>MFO 3</b>					
Science & Technology Services	18,220	52,590	7,000	77,810	55%
<b>TOTAL</b>	<b>53,976</b>	<b>66,168</b>	<b>21,092</b>	<b>141,236</b>	<b>100%</b>
<b>% Share</b>	<b>38%</b>	<b>47%</b>	<b>15%</b>	<b>100%</b>	

### By MFO (Total Budget = P141,236,000)



### By Expense Class (Total Budget = P141,236,000)





## Forest Products Research and Development Institute

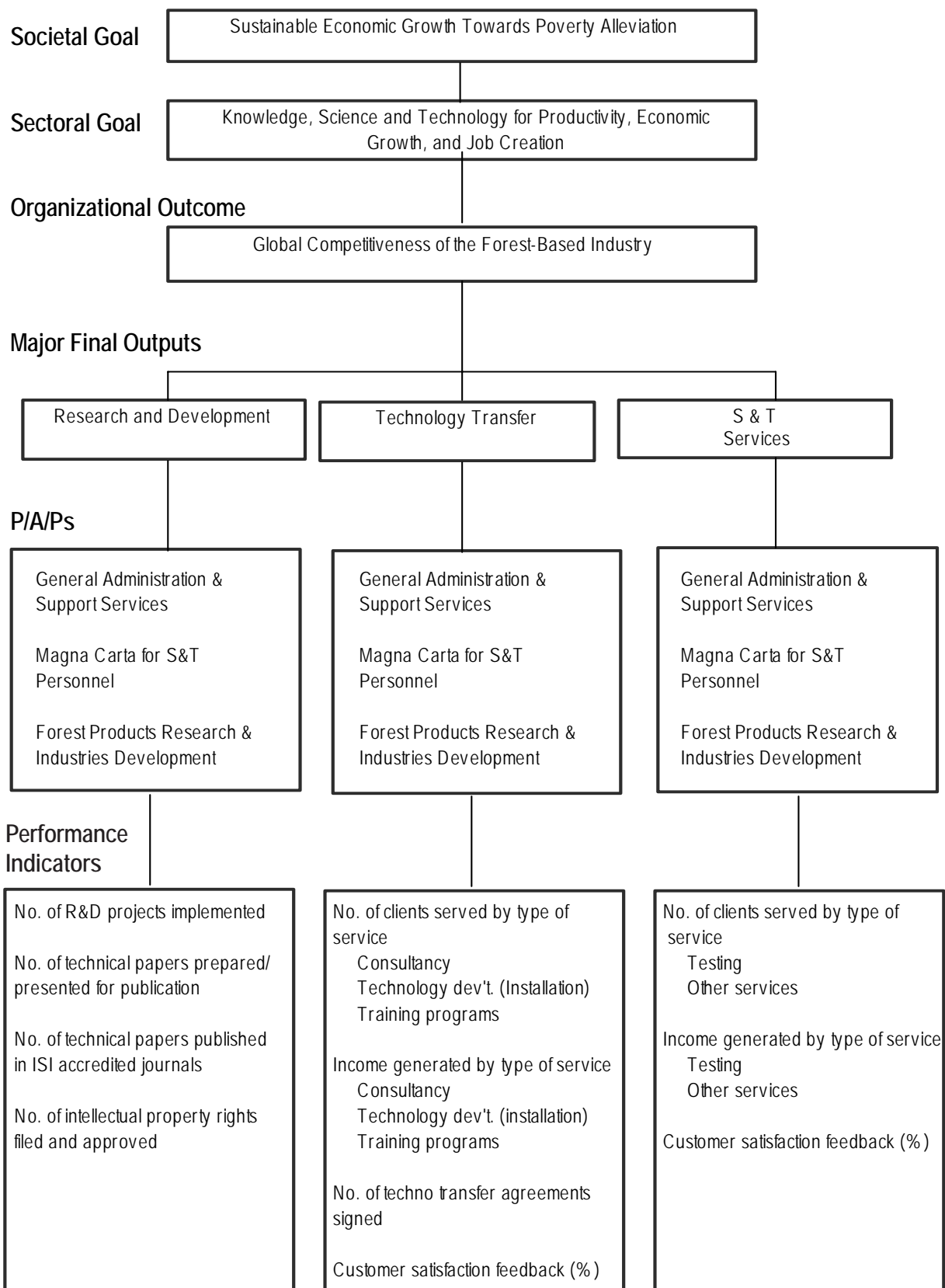
### Legal Basis

- **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)

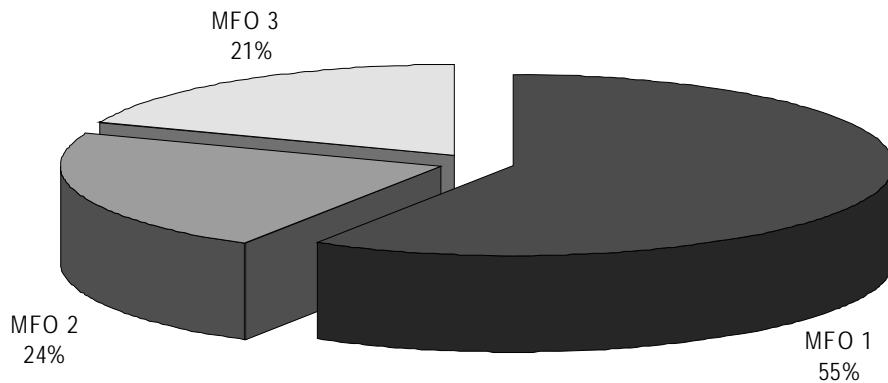
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>Research and Development</b>	<b>62,363</b>	<b>47,736</b>	<b>52,870</b>
No. of R & D projects implemented	80	80	70
No. of technical papers prepared/presented for publication	22	20	25
No. of technical papers published in ISI accredited journals	7	3	2
No. of intellectual property rights filed and approved	8	5	7
<b>MFO 2</b>			
<b>Technology Transfer</b>	<b>27,213</b>	<b>20,830</b>	<b>23,071</b>
No. of clients served by type of service	1,847	1,500	1,480
Consultancy	750	730	700
Technology development (installation)	21	20	30
Trainings	1,076	750	750
Income generated by type of service	114	135	135
Consultancy	35	45	45
Technology development (installation)	36	60	60
Trainings	43	30	30
No. of techno transfer agreements signed	20	10	12
Customer satisfaction feedback (%)	92	90	90
<b>MFO 3</b>			
<b>S &amp; T Services</b>	<b>23,814</b>	<b>18,226</b>	<b>20,187</b>
No. of clients served by type of service	756	510	540
Testing	609	425	450
Other services	147	85	90
Income generated by type of service	1364	1,200	1,200
Testing	1,271	1,085	935
Other services	93	115	265
Customer satisfaction feedback (%)	93	90	90
<b>TOTAL</b>	<b>113,390</b>	<b>86,792</b>	<b>96,128</b>

## FY 2011 MFO BUDGET

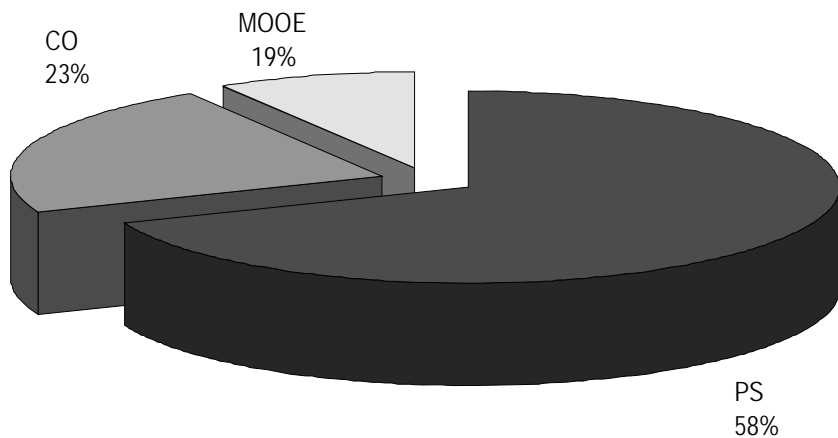
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	Total	% Share
<b>MFO 1</b> Research and Development	30,897	10,280	11,693	52,870	55%
<b>MFO 2</b> Technology Transfer	13,483	4,485	5,103	23,071	24%
<b>MFO 3</b> S & T Services	11,797	3,925	4,465	20,187	21%
<b>Total</b>	<b>56,177</b>	<b>18,690</b>	<b>21,261</b>	<b>96,128</b>	<b>100%</b>
<b>% Share</b>	<b>58%</b>	<b>19%</b>	<b>23%</b>	<b>100%</b>	

### By MFO (Total Budget = P96,128,000)



### By Expense Class (Total Budget = P96,128,000)







## Industrial Technology Development Institute

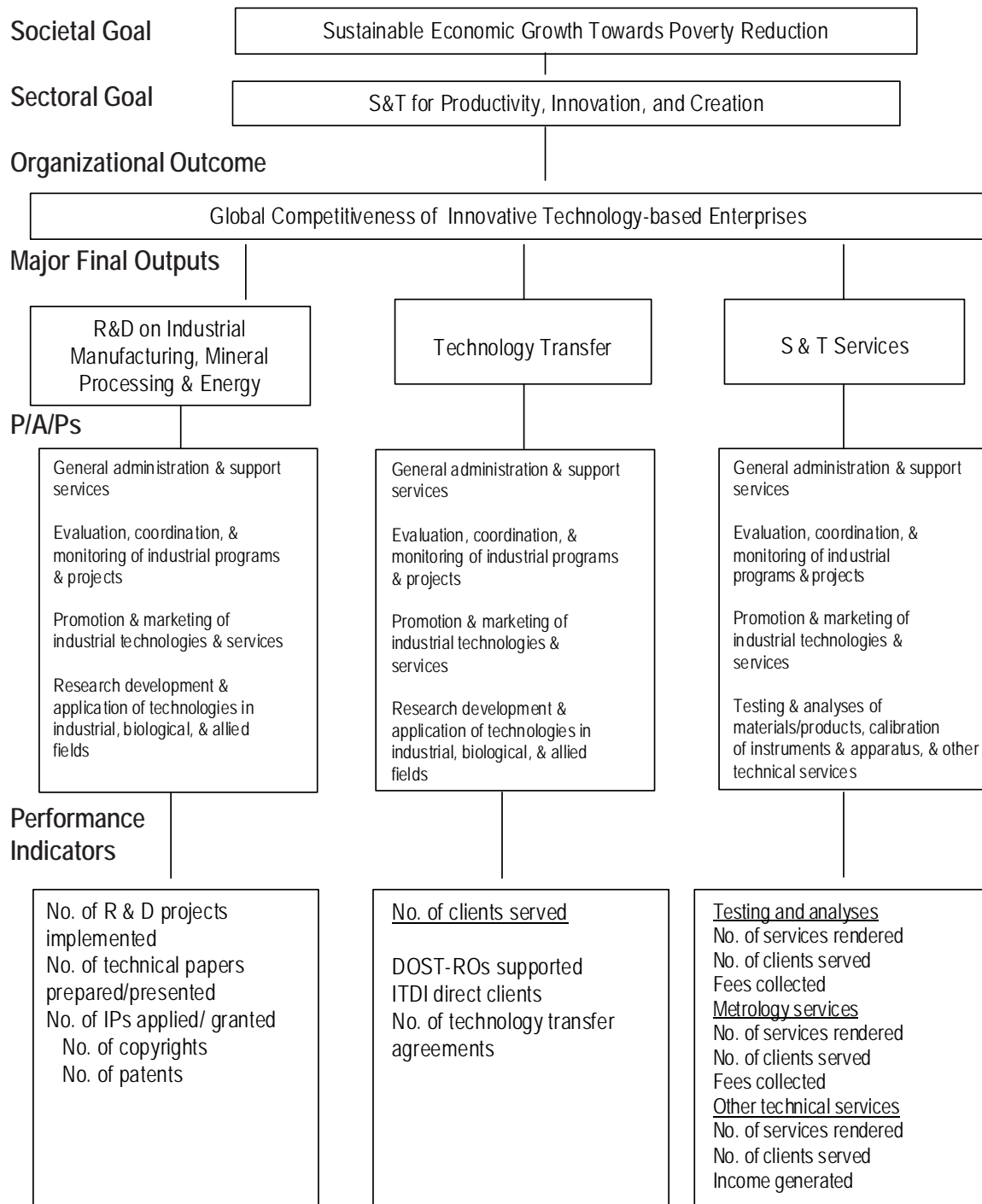
### LEGAL BASIS

- **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)

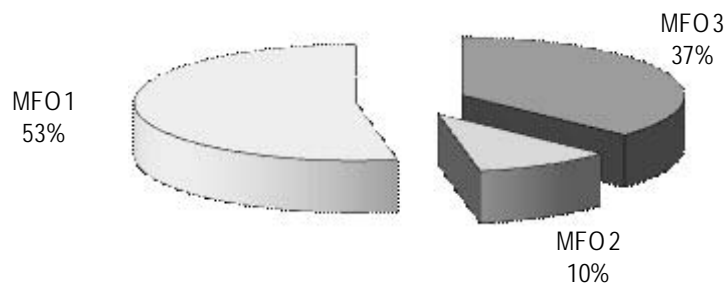
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>Research and Development on Industrial Manufacturing, Mineral Processing, and Energy</b>	<b>145,285</b>	<b>96,087</b>	<b>91,968</b>
Number of R&D Projects implemented	74	50	50
Number of technical papers prepared/presented	64	60	55
Number of IP's applied/granted	5	20	20
- Number of copyrights	5	10	10
- Number of patents	-	10	10
<b>MFO 2</b>			
<b>Technology Transfer</b>	<b>24,545</b>	<b>15,487</b>	<b>17,245</b>
Number of clients served	63	65	65
- DOST-ROs supported	14	32	32
- ITDI direct clients	49	33	33
Number of technology transfer agreements	20	22	22
<b>MFO 3</b>	<b>60,338</b>	<b>45,931</b>	<b>63,540</b>
<b>Science and Technology Services</b>			
Number of services rendered			
- Testing and analyses	1,476	2,400	2,500
- Metrology services	5,787	6,000	6,000
- Other Services	716	600	650
Number of clients served			
- Testing and analyses	791	800	800
- Metrology services	1,283	1,800	1,800
- Other technical services	716	600	650
Fees Collected			
- Testing and analyses	4.700M	6.200M	5.500M
- Metrology services	6.200M	6.000M	6.000M
- Other technical services	3.100M	2.500M	2.000M
<b>TOTAL</b>	<b>230,168</b>	<b>157,505</b>	<b>172,753</b>

## FY 2011 MFO BUDGET

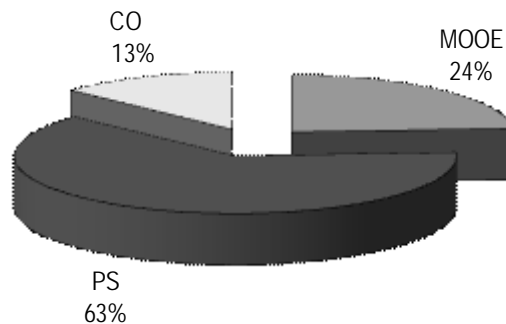
### By MFO/By Expense Class (In Thousand Pesos)

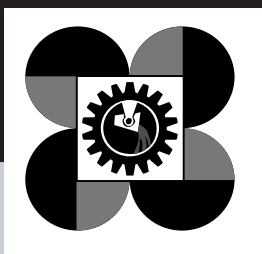
Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b> Research and Development on Industrial Manufacturing, Mineral Processing, and Energy	58,318	19,682	13,968	91,968	53%
<b>MFO 2</b> Technology Transfer	11,479	4,458	1,308	17,245	10%
<b>MFO 3</b> Science and Technology Services	39,118	17,448	6,974	63,540	37%
<b>TOTAL</b>	<b>108,915</b>	<b>41,588</b>	<b>22,250</b>	<b>172,753</b>	<b>100%</b>
<b>% Share</b>	<b>63%</b>	<b>24%</b>	<b>13%</b>	<b>100%</b>	

### By MFO (Total Budget = P172,753,000)



### By Expense Class (Total Budget = P172,753,000)





## Metals Industry Research and Development Center

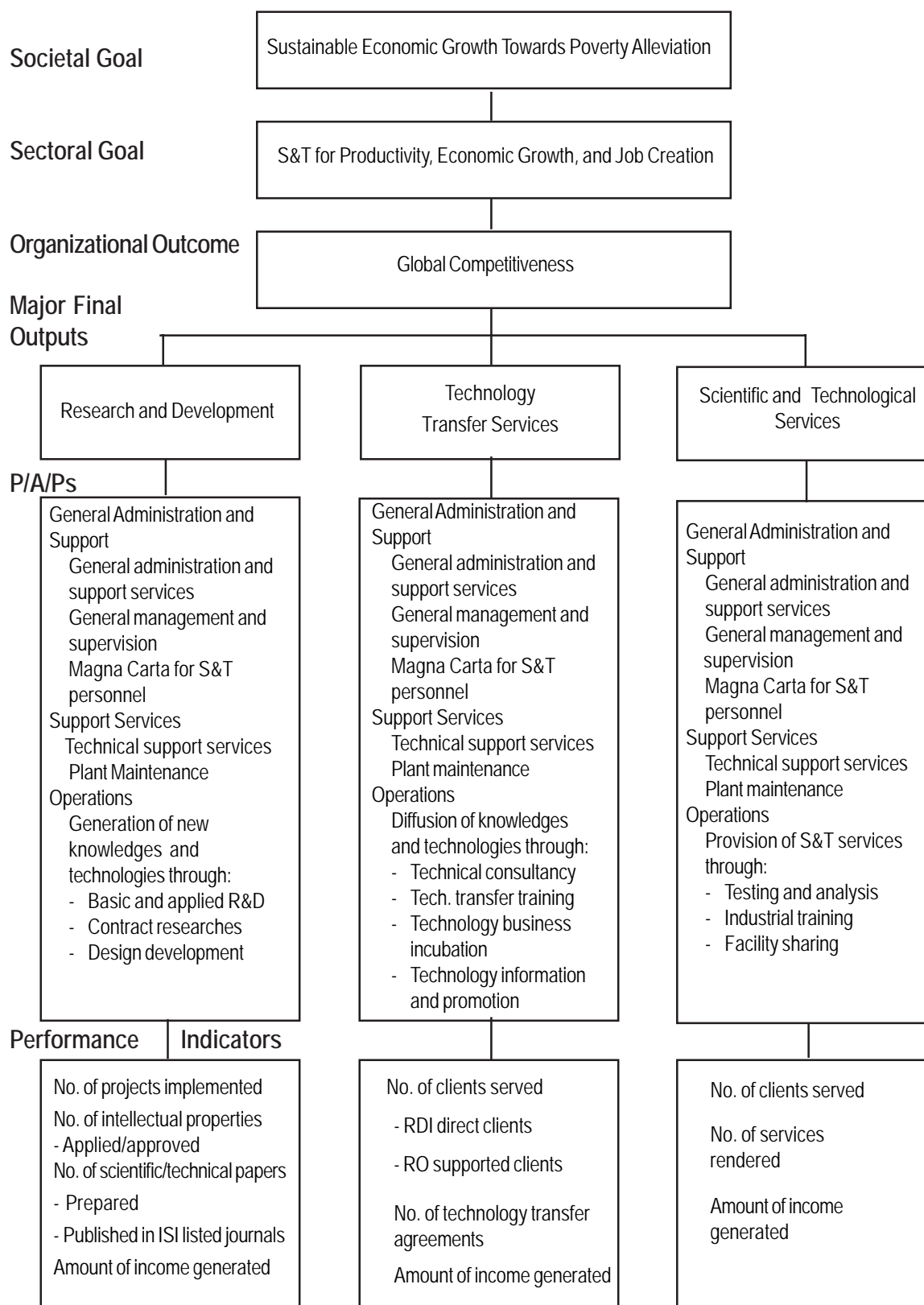
### Legal Basis

- **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)

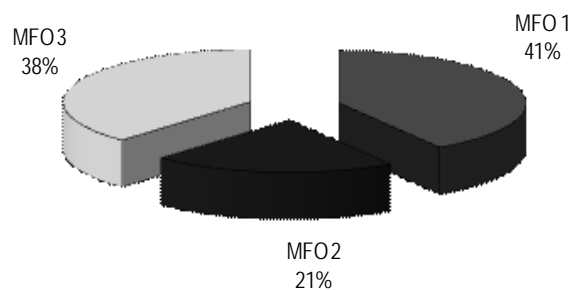
Particulars	FY 2009	FY2010	FY2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>Research &amp; Development</b>	<b>40,666</b>	<b>36,191</b>	<b>52,197</b>
No. of projects implemented	206	198	141
New	194	192	135
Ongoing	12	6	6
No. of intellectual properties applied/approved	6	6	8
No. of scientific/technical papers prepared			
vis-à-vis published	10/1	11/1	10/1
Amount of income generated ('000)	1,950	1,900	1,950
<b>MFO 2</b>			
<b>Technology Transfer Services</b>	<b>24,866</b>	<b>21,779</b>	<b>26,356</b>
No. of clients served	775	775	775
RDI direct clients	361	361	361
RO supported clients	414	414	414
No. of technology transfer agreements	13	16	16
Amount of income generated ('000)	4,390	4,390	4,390
<b>MFO 3</b>			
<b>Scientific &amp; Technological Services</b>	<b>42,162</b>	<b>37,659</b>	<b>49,525</b>
No. of clients served	1,590	1,590	1,537
Testing and metrology	1,100	1,100	1,100
Industrial training	200	200	200
Facility sharing	290	290	237
No. of Services Rendered	4,420	4,420	4,480
Testing and metrology	3,100	3,100	3,250
Industrial training	700	700	700
Facility sharing	620	620	530
Amount of Income Generated ('000)	22,660	22,710	22,710
Testing and metrology	13,150	13,150	13,150
Industrial training	2,800	2,800	2,800
Facility sharing	6,710	6,760	6,760
<b>TOTAL</b>	<b>107,694</b>	<b>95,629</b>	<b>128,078</b>

## FY 2011 MFO BUDGET

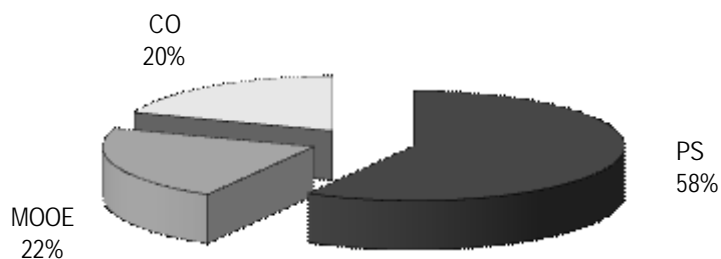
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b>					
Research and Development	28,353	10,570	13,274	52,197	41%
<b>MFO 2</b>					
Technology Transfer Services	18,046	5,406	2,904	26,356	21%
<b>MFO 3</b>					
Scientific & Technological Services	28,351	12,322	8,852	49,525	38%
<b>TOTAL</b>	<b>74,750</b>	<b>28,298</b>	<b>25,030</b>	<b>128,078</b>	<b>100%</b>
<b>% Share</b>	<b>58%</b>	<b>22%</b>	<b>20%</b>	<b>100%</b>	

### By MFO (Total Budget = P128,078,000)



### By Expense Class (Total Budget = P128,078,000)







## National Academy of Science and Technology

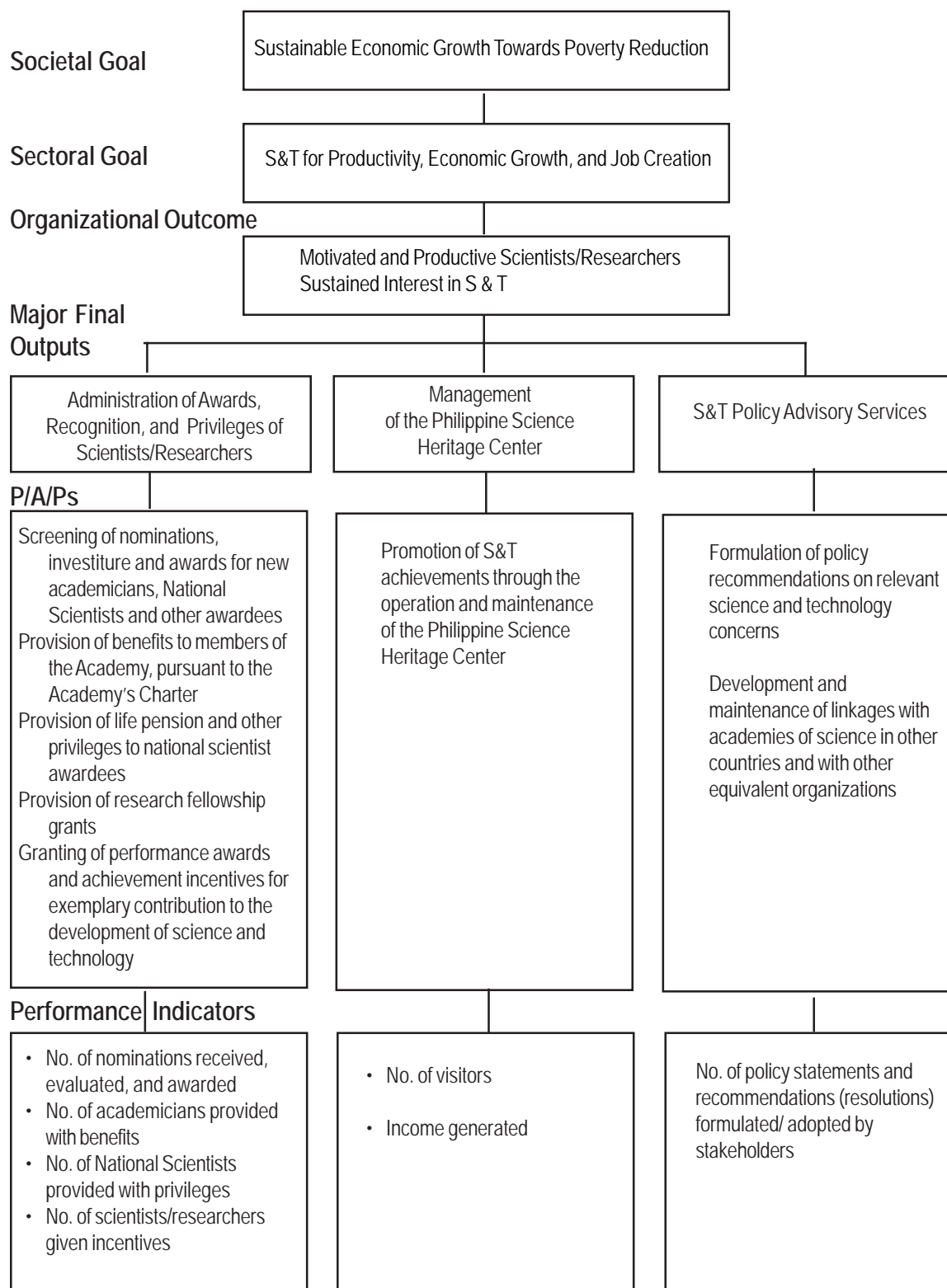
### Legal Basis

- **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)

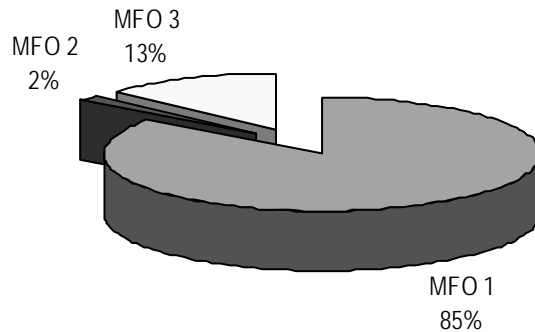
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>Administration of awards, recognition, and privileges of scientists/researchers</b>	<b>28,996</b>	<b>30,275</b>	<b>32,196</b>
No. of nominations:			
received	388	348	348
evaluated	338	348	348
awarded	50	53	53
No. of academicians provided with benefits	60	66	64
No. of National Scientists provided with privileges	12	14	14
No. of scientists/researchers given incentives	200	260	260
<b>MFO 2</b>			
<b>Management of the Philippine Science Heritage Center</b>	<b>1,036</b>	<b>1,283</b>	<b>621</b>
No. of visitors	50,000	16,500	16,500
Income generated	100,000	297,000	297,000
<b>MFO 3</b>			
<b>Science and Technology Advisory Services</b>	<b>4,487</b>	<b>4,663</b>	<b>5,025</b>
No. of policy statements and recommendations or resolutions:			
formulated	8	10	10
adopted	4	5	5
<b>From Other Sources</b>			
<b>TOTAL</b>	<b>34,519</b>	<b>36,221</b>	<b>37,842</b>

## FY 2011 MFO BUDGET

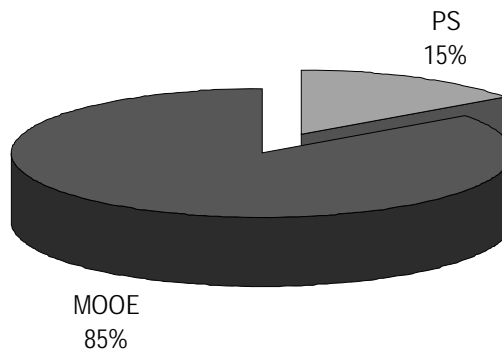
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b> Administration of awards, recognition, and privileges of scientists/researchers	3,938	28,258	-	32,196	85%
<b>MFO 2</b> Management of the Philippine Science Heritage Center	81	540	-	621	2%
<b>MFO 3</b> S&T policy advisory services	1,576	3,449	-	5,025	13%
<b>TOTAL</b>	<b>5,595</b>	<b>32,247</b>	<b>-</b>	<b>37,842</b>	<b>100%</b>
<b>% Share</b>	<b>15%</b>	<b>85%</b>	<b>0%</b>	<b>100%</b>	

### By MFO (Total Budget = P37,842,000)



### By Expense Class (Total Budget = P37,842,000)





## National Research Council of the Philippines

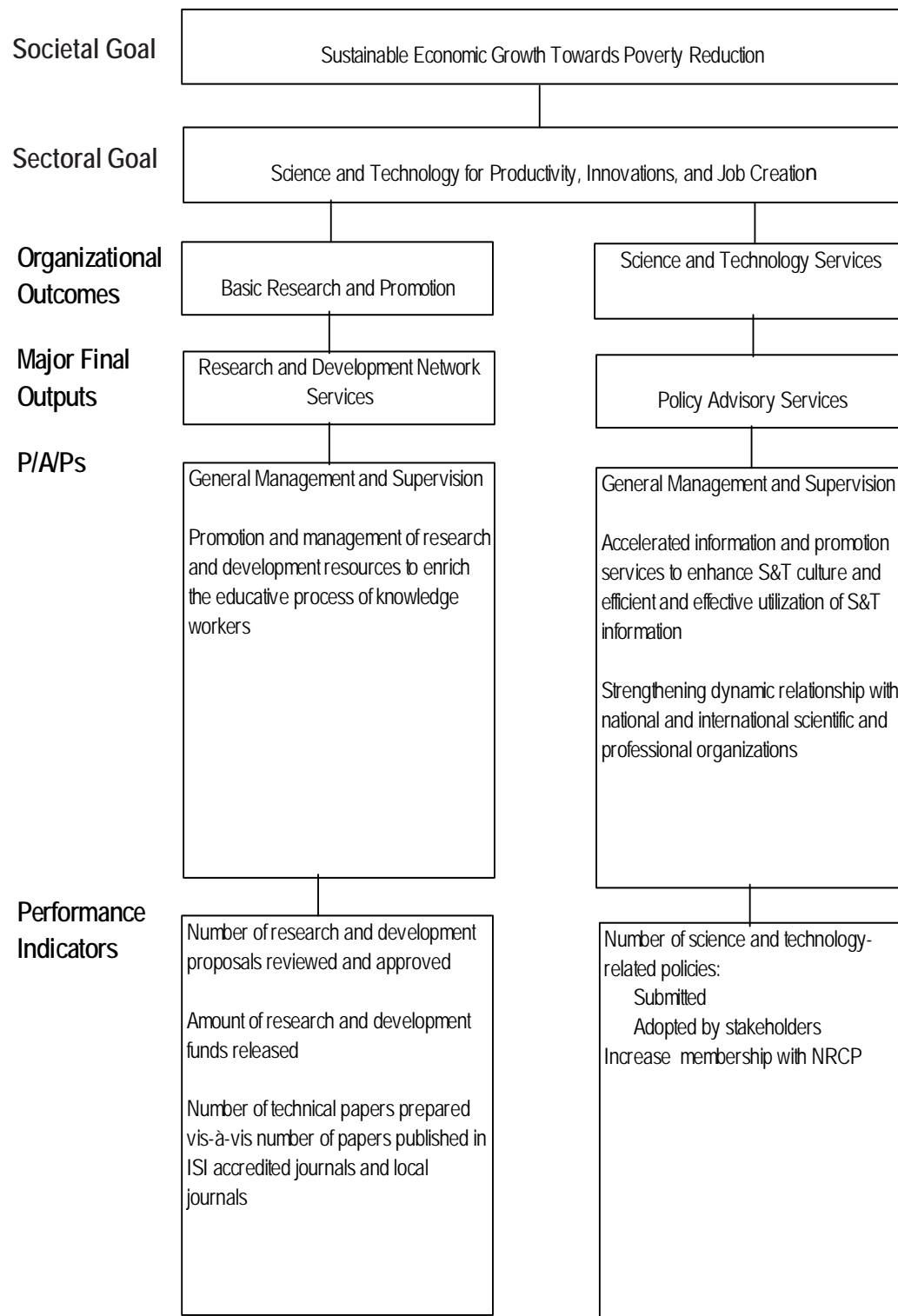
### Legal Basis

- **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 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>Research and Development Network Services</b>	<b>138,199</b>	<b>20,963</b>	<b>25,053</b>
Number of research and development proposals reviewed vis-à-vis proposals approved	57/30	36/30	45/30
Amount of funds released	6,079	9,266	9,266
Number of technical papers			
- Prepared	69	18	20
- Published in accredited ISI Journals	2	2	2
- Published in local papers	8	12	12
<b>MFO 2</b>			
<b>Policy Advisory Services</b>	<b>83,701</b>	<b>11,022</b>	<b>14,950</b>
Number of science and technology-related policies submitted vis-à-vis policies adopted by stakeholders	24/24	24/24	28/26
Increase in membership with NRCP	94	73	75
<b>TOTAL</b>	<b>221,900</b>	<b>31,985</b>	<b>40,003</b>

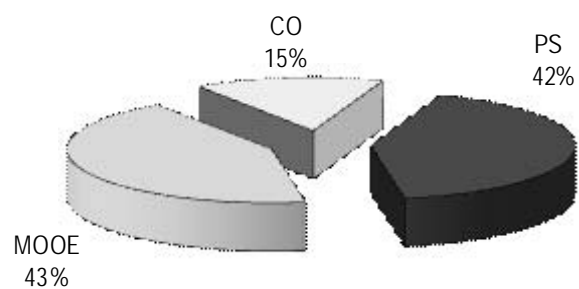
**FY 2011 MFO BUDGET**  
**By MFO/By Expense Class**  
(In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b> Research and Development Network Services	9,525	12,528	3,000	25,053	63%
<b>MFO 2</b> Technology Transfer	7,187	4,763	3,000	14,950	37%
<b>TOTAL</b>	<b>16,712</b>	<b>17,291</b>	<b>6,000</b>	<b>40,003</b>	<b>100%</b>
<b>% Share</b>	<b>42%</b>	<b>43%</b>	<b>15%</b>	<b>100%</b>	

**By MFO**  
(Total Budget = P 40,003,000)



**By Expense Class**  
(Total Budget = P 40,003,000)







## 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)

### Societal Goal

Sustainable Economic Growth  
Towards Poverty Alleviation

### Sectoral Goal

Knowledge, S & T for Productivity,  
Economic Growth, and Job Creation

### Organizational Outcome

Reduced Loss of Lives and Damage to Property,  
and Enhanced Safety, Economic Activity, and  
Social Development

### Major Final Outputs

Forecast & Warning  
Services on Weather,  
Flood, Climate,  
Astronomy, and Extreme  
Weather Events

Hazard Mapping and  
Risk Assessment  
Services

Research  
and Development

Risk Mitigation and  
Other Services

### P/A/Ps

A.I.a.1 General mgt. & supervision  
A.I.a.2 Eng'g & maintenance services  
A.I.a.3 Construction/repair/rehab of  
typhoon . . .  
A.I.a.4. MC for S & T personnel  
A.II.a.1 O & M of met. data banks,  
including the . . .  
A.II.b Training activities in atmospheric,  
geophysical . . .  
A.II.d Installation, repair & maintenance  
of telemetering . . .  
A.III.a.1 Typhoon warning & weather  
services, including . . .  
A.III.a.2 Flood forecasting and  
hydrometeorological . . .  
A.III.a.3 O & M of FFWS for Dam  
Operation Project I . . .  
A.III.a.4 O & M pf FFWS for Dam  
Operation Project II . . .  
A.III.a.5 O & M for Astro . . .  
A.III.b.1 Observation, measurement,  
recording . . .  
A.III.b.2 Operation of upgraded GMS  
receiving . . .  
A.III.b.3 O & M of weather surveillance  
radar network

A.I.a.1 General management  
& supervision  
A.I.a.4 Magna carta for S & T  
personnel  
A.III.a.2 Flood forecasting  
and hydrometeorological  
services  
A.III.b.1 Observation,  
measurement, recording . . .  
A.III.c.1 Atmospheric-  
geophysical astronomical . . .  
A.III.c.3 Conduct of research  
for natural . . .

A.I.a.1 General mgt. &  
supervision  
A.I.a.4. Magna Carta for S  
& T personnel  
A.II.c.1 Conduct of and  
participation in scientific . . .  
A.II.c.2 Implementation of  
Philippine PAGASA . . .  
A.III.a.2 Flood forecasting  
and hydrometeorological . . .  
A.III.c.1 Atmospheric-  
geophysical astronomical . . .  
A.III.c.3 Conduct of research  
for natural . . .  
A.III.c.4 Agro-climatic  
research and farm . . .

A.I.a.1 General mgt. &  
supervision  
A.I.a.4. Magna Carta for S  
& T personnel  
A.II.a.1 O & M of met. data  
banks, including the . . .  
A.II.a.3 Participation in the  
inter-agency natural . . .  
A.III.a.2 Flood forecasting  
and hydrometeorological . . .  
A.III.a.5 O & M for  
astronomical observatories/  
planetarium  
A.III.c.1 Atmospheric-  
geophysical astronomical . . .  
A.III.c.2 Weather modification  
activities . . .

### Performance Indicators

No. of timely and  
accurate forecasts on  
weather, flood, and  
climate  
  
No. of timely and  
accurate warnings on  
weather, flood and  
climate  
  
Astronomical services  
- No. of clients  
served

No. of hazard maps  
generated/updated  
  
No. of clients served  
- scientific data/  
information  
requests  
- income generated  
  
No. of research and  
development projects  
implemented

No. of technical papers  
prepared vis-à-vis no.  
of published papers in  
International Science  
Institute (ISI)-listed  
journals  
  
No. of intellectual  
property (IPs) applied/  
approved

No. of clients served by type  
of service  
- participants to IEC lectures  
- drills  
- visitors to agency facilities  
- visitors to space science  
and planetarium services  
No. of information materials  
developed  
No. training/ seminars/  
workshops conducted for  
various stakeholders  
No. of climatological data,  
astronomical publications/info,  
and weather certifications  
issued/disseminated

**PERFORMANCE MEASURES AND TARGETS**  
(Amounts in Thousand Pesos)

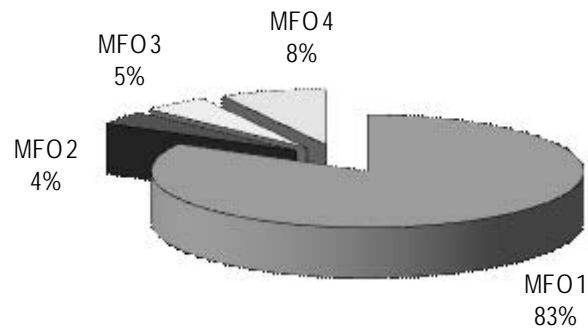
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>Forecast and Warning Services on Weather, Flood, Climate, Astronomy, and Extreme Weather Events</b>	<b>592,677</b>	<b>655,185</b>	<b>895,524</b>
Number of timely and accurate forecasts on weather, flood, and climate	46,907	38,357	38,722
Number of timely and accurate warnings on weather, flood, and climate (as necessary)	1455	678	678
Number of clients served (astronomical services)	9,139	9,012	9,112
<b>MFO 2</b>			
<b>Hazard Mapping and Risk Assessment Services</b>	<b>25,083</b>	<b>30,702</b>	<b>41,965</b>
Number of hazard maps generated/updated	9	26	22
Number of clients served scientific data/information requests	68	100	120
<b>MFO 3</b>			
<b>Research and Development</b>	<b>46,138</b>	<b>43,707</b>	<b>56,862</b>
Number of R&D projects implemented	18	15	29
Number of technical papers prepared vis-à-vis published papers in Science Institute (IS)-listed journals	0	2	2
Number of Intellectual Property applied/approved	0	9	0
No. of R&D collaborative projects with international scientific organizations	32	12	12
<b>MFO 4</b>			
<b>Disaster Preparedness and Risk Mitigation and Other Services</b>	<b>53,265</b>	<b>53,991</b>	<b>81,250</b>
Number of clients served:			
- IEC lectures	155,180	demand-driven	demand-driven
- Drills	1,000	demand-driven	demand-driven
- Hydromet/climatological facilities	34,787	demand-driven	demand-driven
- Space science and planetarium	37,082	demand-driven	demand-driven
Number of information packages developed	1	demand-driven	demand-driven
Number of training programs/seminars/workshops conducted	18	16	28
Number of climatological hydro-metreological data publications information and weather certifications issued	2,406	demand-driven	demand-driven
Number of assorted meteorological instruments calibrated for various clients	119	60	60
<b>TOTAL</b>	<b>717,163</b>	<b>783,585</b>	<b>1,075,601</b>

## FY 2011 MFO BUDGET

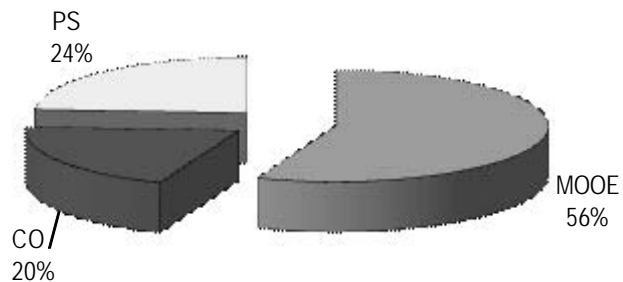
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
<b>MFO 1</b> Forecast and Warning Services on Weather, Flood, Climate, Astronomy and Extreme Weather Events	189,646	498,514	207,364	895,524	83%
<b>MFO 2</b> Hazard Mapping and Risk Assessment Services	16,973	24,992	-	41,965	4%
<b>MFO 3</b> Research and Development	34,025	15,437	7,400	56,862	5%
<b>MFO 4</b> Disaster Preparedness, Risk Mitigation, and Other Services	18,049	63,201	-	81,250	8%
<b>TOTAL</b>	<b>258,693</b>	<b>602,144</b>	<b>214,764</b>	<b>1,075,601</b>	<b>100%</b>
<b>% SHARE</b>	<b>24%</b>	<b>56%</b>	<b>20%</b>	<b>100%</b>	

### By MFO (Total Budget = P1,075,601,000)



### By Expense Class (Total Budget = P1,075,601,000)





## **Philippine Council for Advanced Science and Technology Research and Development**

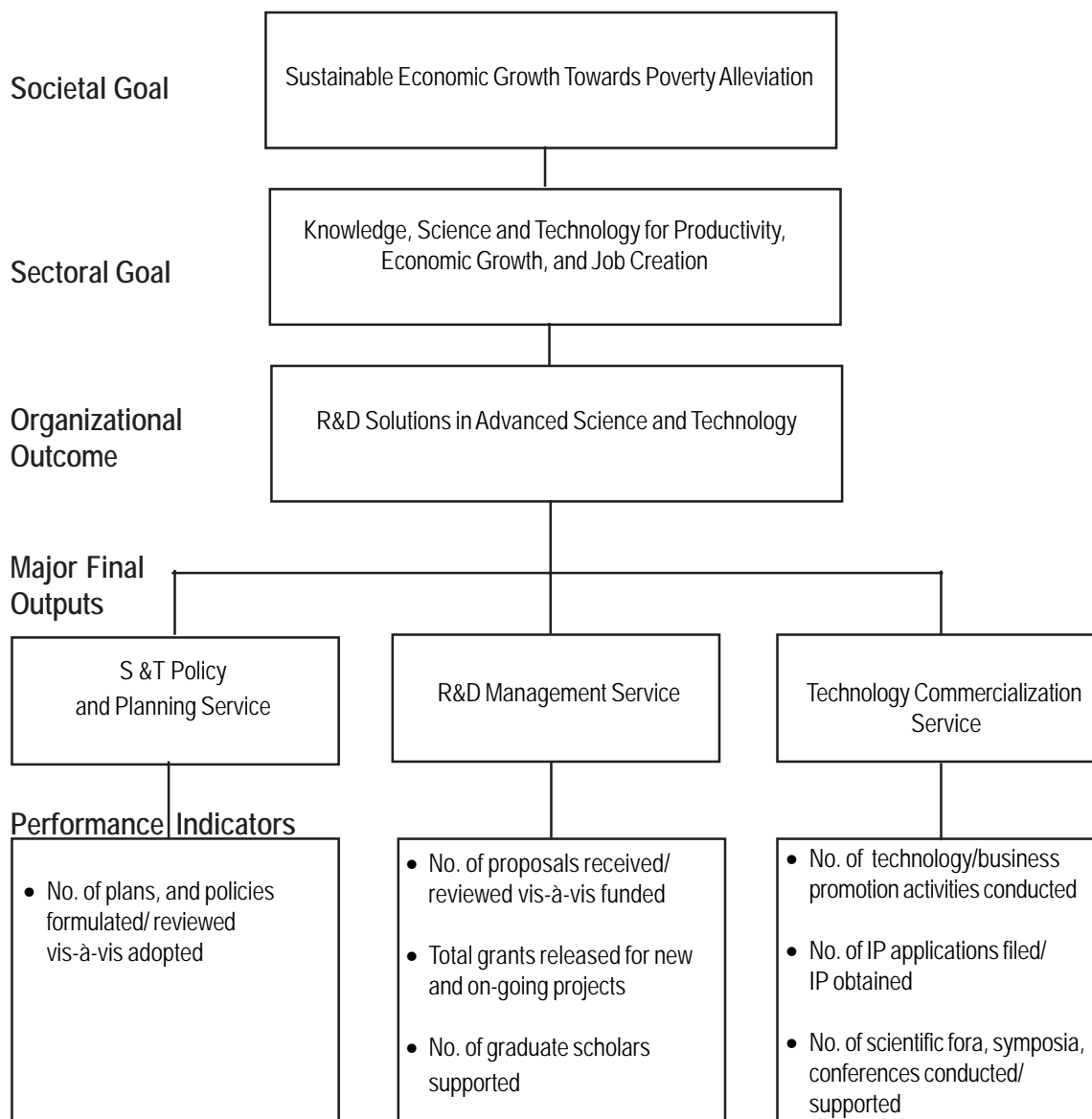
### **Legal Basis**

**Executive Order No. 128** (January 30, 1987) created the Philippine Council for Advanced Science and Technology Research and Development (PCASTRD) as one of five sectoral planning councils of the Department of Science and Technology.

### **Mandate**

The Philippine Council for Advanced Science and Technology Research and Development (PCASTRD) is responsible for formulating strategies, policies, plans, programs and projects for advanced S&T development; programming and allocating government and external funds for R&D; monitoring R&D projects and generating external resources to implement its mission programs to develop the country's advanced science and technology sector.

## LOGICAL FRAMEWORK (PCASTRD)



## PERFORMANCE MEASURES AND TARGETS

(Amounts in Thousand Pesos)

Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>R&amp;D Policy and Planning Service</b>	<b>12,584</b>	<b>9,630</b>	<b>10,553</b>
No. of plans, and programs prepared/reviewed vis-à-vis adopted	5/1	3/1	3/1
<b>MFO 2</b>			
<b>R&amp;D Management Service</b>	<b>154,730</b>	<b>68,935</b>	<b>71,567</b>
No. of proposals reviewed vis-à-vis funded	107/26	40/25	40/25
Total grants released for new and on-going projects	41.551M	45M	45M
No. of graduate scholars supported under PCASTRD HRD Program	76	44*	44
DOST Accelerated HRD Program	216		
<b>MFO 3</b>			
<b>Technology Commercialization Service</b>	<b>17,163</b>	<b>12,662</b>	<b>13,401</b>
No. of technology promotion activities conducted	12	12	12
No. of IP applications filed/endorsed		2	2
No. of seminars, fora, symposia, and conferences conducted/supported	42	30**	35
<b>TOTAL</b>	<b>184,477</b>	<b>91,227</b>	<b>95,521</b>

\* Target is reduced from 52 to 44 scholars only. Scholars under sandwich, lateral entry, and part time programs were initially accommodated under PCASTRD HRDP. However, due to policy changes, scholars under these schemes are now considered under DOST Accelerated S& T HRD Program (ASTRHRDP)

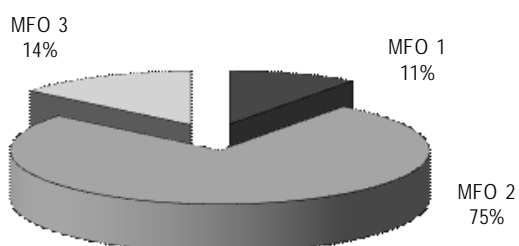
\*\* Target is increased from 20 to 30 seminars.

## FY 2011 MFO BUDGET

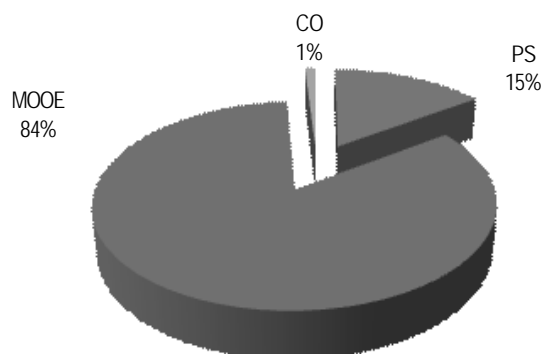
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b>					
R&D Policy and Planning Service	3,242	7,311	-	10,553	11%
<b>MFO 2</b>					
R&D Management Service	7,618	62,614	1,335	71,567	75%
<b>MFO 3</b>					
Technology Commercialization Service	3,579	9,822	-	13,401	14%
<b>TOTAL</b>	<b>14,439</b>	<b>79,747</b>	<b>1,335</b>	<b>95,521</b>	<b>100%</b>
<b>% Share</b>	<b>15%</b>	<b>84%</b>	<b>1%</b>	<b>100%</b>	

### By MFO (Total Budget = P95,521,000)



### By Expense Class (Total Budget = P95,521,000)







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

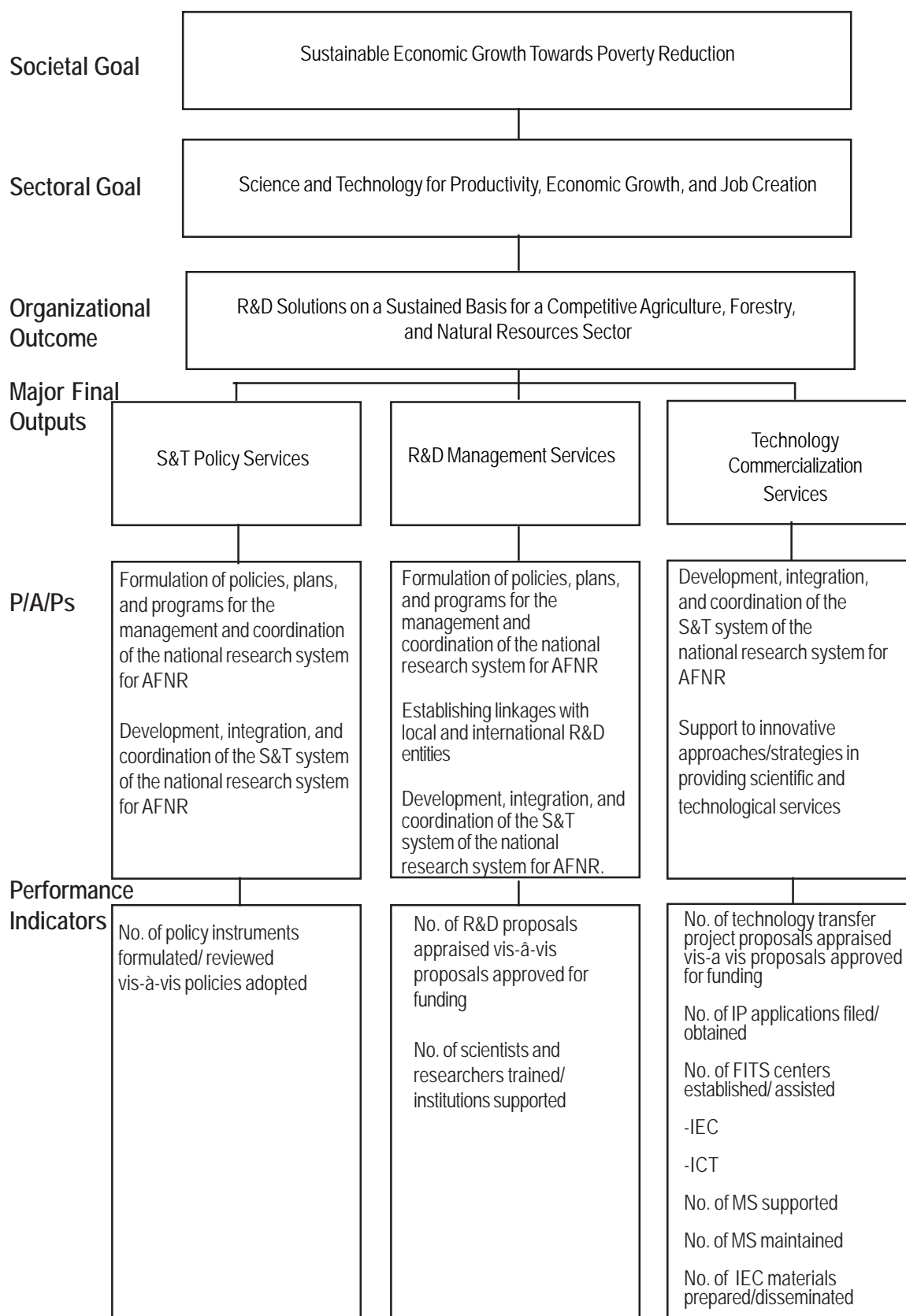
### **Legal Basis**

- **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)

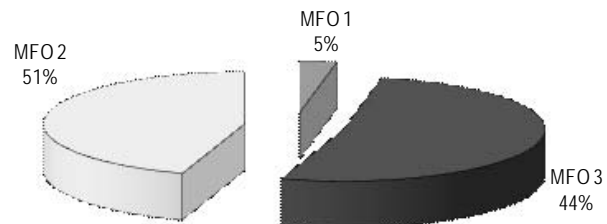
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>	<b>13,805</b>	<b>14,573</b>	<b>14,320</b>
<b>Science and Technology Policy and Planning Services</b>			
Number of policy instruments formulated/reviewed vis-à-vis policies adopted	57/46	62/62	63/53
<b>MFO 2</b>	<b>216,275</b>	<b>113,199</b>	<b>152,331</b>
<b>Research and Development Services</b>			
Number of R&D proposals appraised vis-à-vis proposals approved for funding	291/77	200/33	150/15
No. of scientists and researchers trained/institutions supported	1,934	1,570	1,738
<b>MFO 3</b>	<b>230,079</b>	<b>140,950</b>	<b>129,565</b>
<b>Technology Commercialization Services</b>			
Number of technology transfer project proposals appraised vis-à-vis approved for funding	121/65	72/65	61/61
No. of IP applications filed/obtained	6	7	11
No. of FITS centers established/assisted	124	75	-
No. of MS supported/maintained	443	553	680
No. of farmers and other beneficiaries served	1,768,551	1,750,202	2,148,800
No. of IEC materials prepared/disseminated	157,769	134,315	134,315
<b>TOTAL</b>	<b>460,159</b>	<b>268,722</b>	<b>296,216</b>

## FY 2011 MFO BUDGET

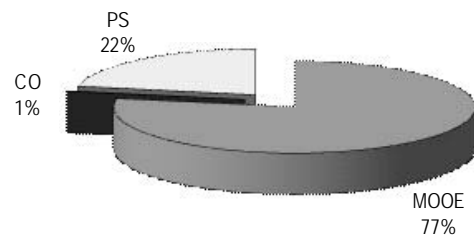
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b>					
Science and Technology Services	5,733	8,587	-	14,320	5%
<b>MFO 2</b>					
Research and Development Services	34,032	116,517	1,782	152,331	51%
<b>MFO 3</b>					
Technology Commercialization Services	27,232	102,333	-	129,565	44%
<b>TOTAL</b>	<b>66,997</b>	<b>227,437</b>	<b>1,782</b>	<b>296,216</b>	<b>100.00%</b>
<b>% Share</b>	<b>22.62%</b>	<b>76.78%</b>	<b>0.60%</b>	<b>100.00%</b>	

**By MFO**  
(Total Budget = P296,216,000)



**By Expense Class**  
(Total Budget = P296,216,000)





## **Philippine Council for Aquatic and Marine Research and Development**

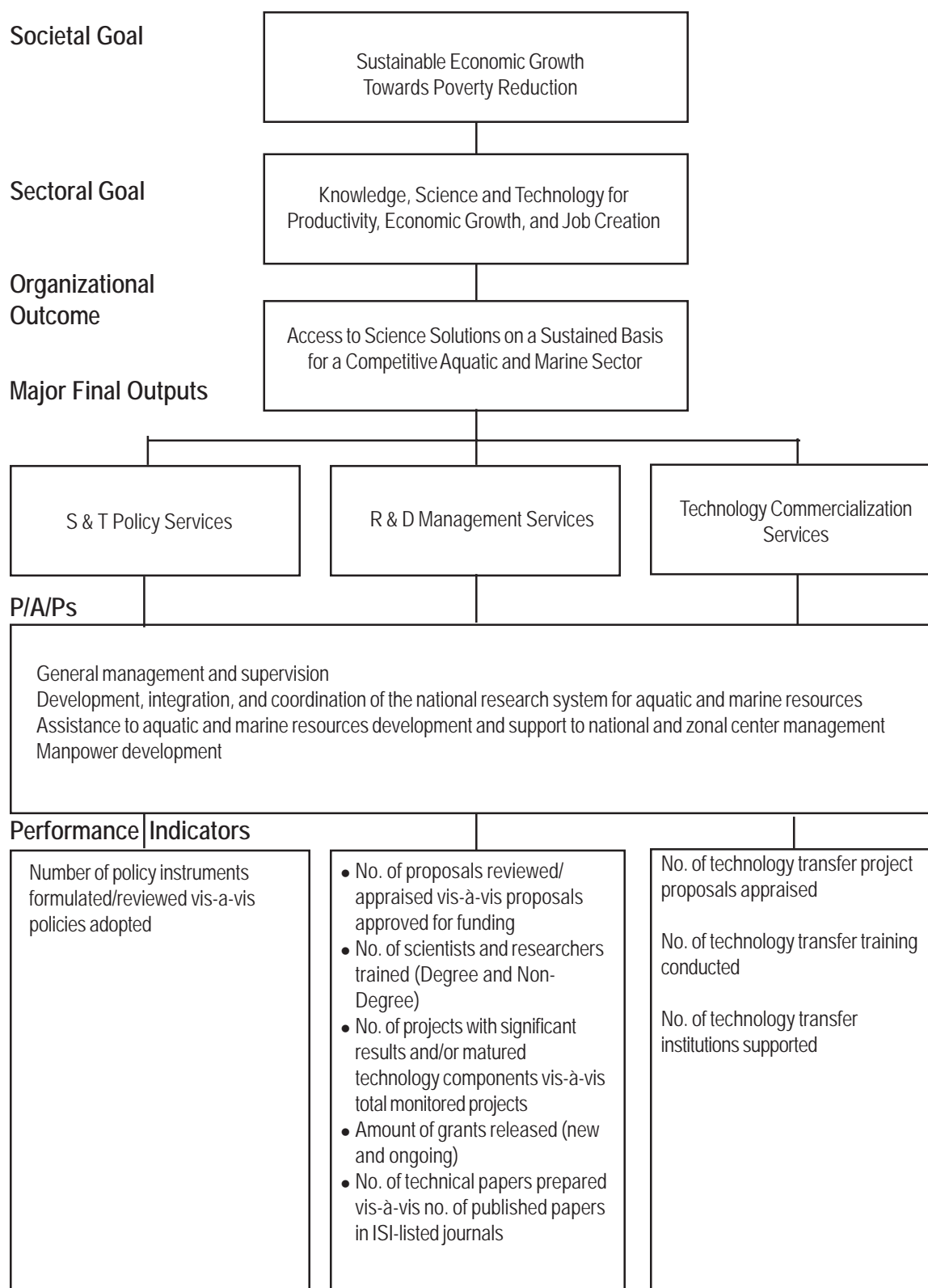
### **Legal Basis**

**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)

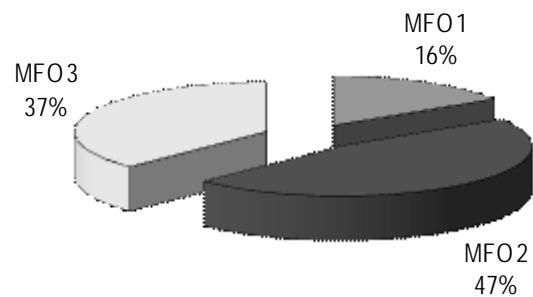
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>	<b>7,741</b>	<b>6,071</b>	<b>6,004</b>
<b>S&amp;T Policy Services</b>			
No. of policy instruments formulated/reviewed vis-à-vis policies adopted	15	12	12
<b>MFO 2</b>	<b>20,945</b>	<b>16,427</b>	<b>17,587</b>
<b>R&amp;D Management Services</b>			
No. of R&D proposals appraised vis-à-vis proposals approved for funding	80	40	40
No. of scientists and researchers trained	48	20	20
No. of projects with significant results and/or matured technology components vis-à-vis total monitored projects	87	50	50
No. of institutions supported	5	5	5
<b>MFO 3</b>	<b>16,847</b>	<b>13,212</b>	<b>14,124</b>
<b>Technology Commercialization Services</b>			
No. of technology transfer project proposals appraised vis-à-vis proposals approved for funding	8	15	15
No. of technology trainings conducted	13	5	5
<b>TOTAL</b>	<b>45,533</b>	<b>35,710</b>	<b>37,715</b>

## FY 2011 MFO BUDGET

### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
MFO 1 S&T Policy Services	2,520	3,484	-	6,004	16%
MFO 2 R&D Management Services	7,894	9,693	-	17,587	47%
MFO 3 Technology Commercialization Services	6,383	7,741	-	14,124	37%
<b>TOTAL</b>	<b>16,797</b>	<b>20,918</b>	<b>-</b>	<b>37,715</b>	<b>100%</b>
<b>% Share</b>	<b>45%</b>	<b>55%</b>	<b>0%</b>	<b>100%</b>	

### By MFO (Total Budget = P37,715,000)



### By Expense Class (Total Budget = P37,715,000)







## Philippine Council for Health Research and Development

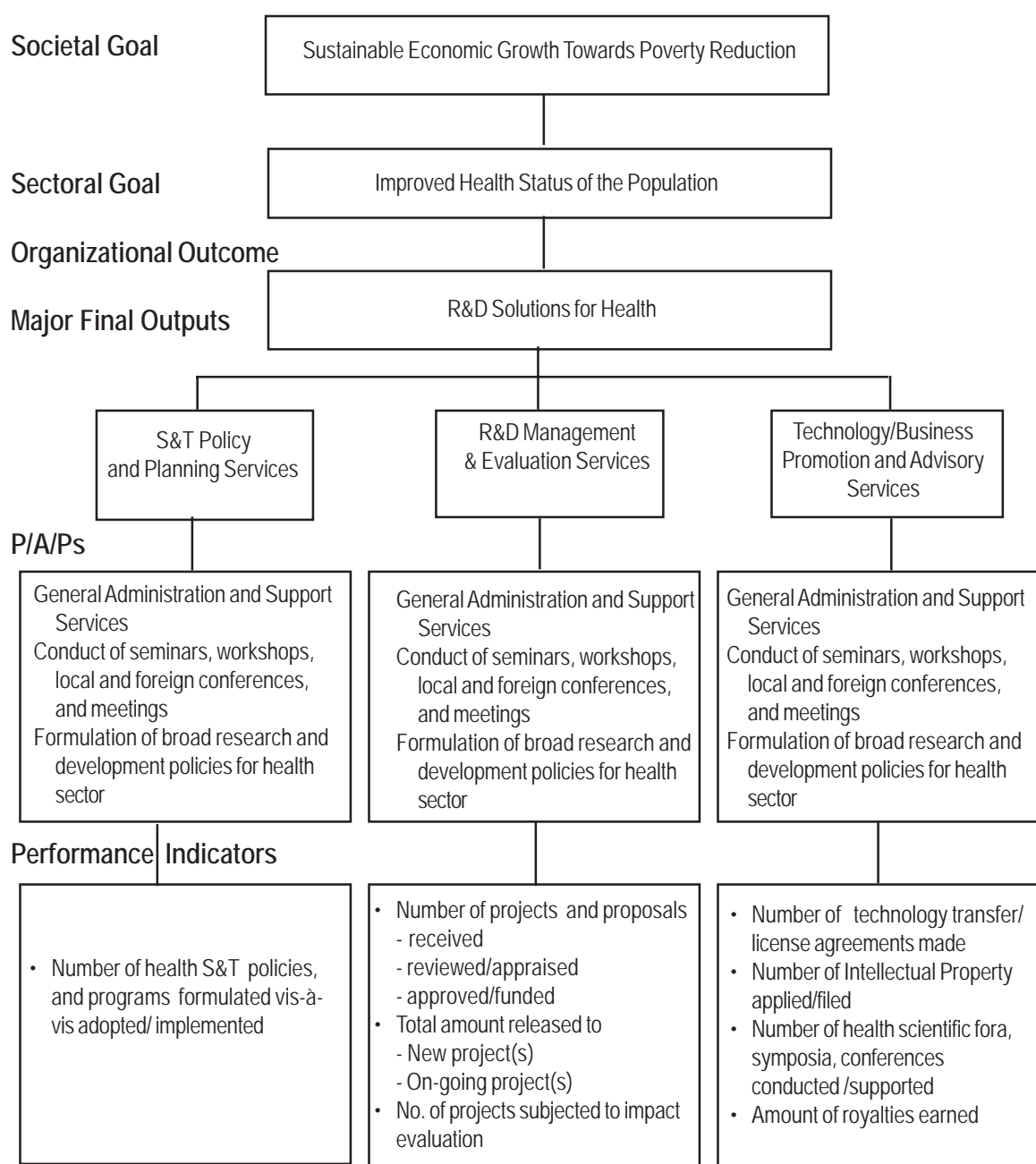
### Legal Basis

- **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 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>S&amp;T Policy and Planning Services</b>	<b>16,384</b>	<b>13,081</b>	<b>15,642</b>
Number of health S&T policies, and programs formulated vis-à-vis adopted/implemented	6/3	6/4	6/4
<b>MFO 2</b>			
<b>R&amp;D Management and Evaluation Services</b>	<b>37,355</b>	<b>32,712</b>	<b>52,296</b>
Number of health R&D projects/proposals reviewed/appraised vis-à-vis approved/funded	153/21	150/25	175/30
Total amount released to:			
- New project (s)	11M	10M	15M
- On-going project (s)	13M	20M	35M
Total number of projects monitored:			
- New project (s)	15	15	15
- On-going project (s)	24	27	32
- Completed	12	10	10
Amount of external resources generated	36M	32M	40M
No. of projects subjected to impact evaluation	6	5	8
<b>MFO 3</b>			
<b>Technology/Business Promotion and Advisory Services</b>	<b>11,796</b>	<b>9,923</b>	<b>10,848</b>
Number of Intellectual Property applied, filed and/or registered	2	6	*
Number of technology transfer/license agreements made	3	8	*
Number of health fora, symposia, conferences, and workshops conducted/supported	89	70	75
Amount of royalty/technology license fees earned	5M	5M	*
<b>Total</b>	<b>65,535</b>	<b>55,716</b>	<b>78,786</b>

\*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

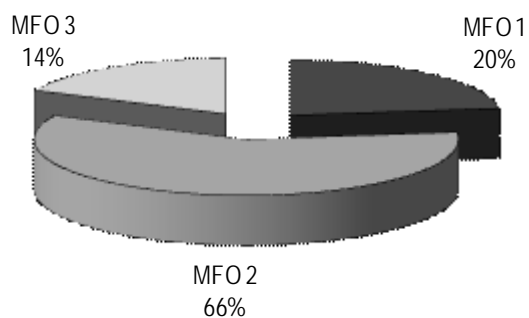
Short Title - "Philippine Technology Transfer Act of 2009"

## FY 2011 MFO BUDGET

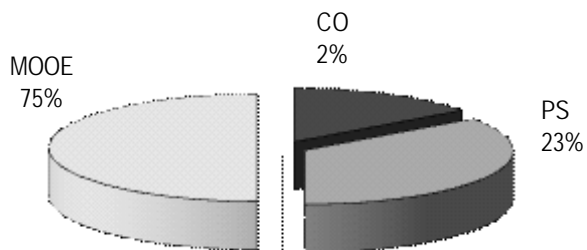
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b> S & T Policy and Planning Services	7,472	8,170	-	15,642	20%
<b>MFO 2</b> R & D Management & Evaluation Services	6,610	43,986	1,700	52,296	66%
<b>MFO 3</b> Technology/Business Promotion and Advisory Services	3,666	7,182	-	10,848	14%
<b>Total</b>	<b>17,748</b>	<b>59,338</b>	<b>1,700</b>	<b>78,786</b>	<b>100%</b>
<b>% Share</b>	<b>23%</b>	<b>75%</b>	<b>2%</b>	<b>100%</b>	

### By MFO (Total Budget = P78,786,000)



### By Expense Class (Total Budget = P78,786,000)





## Philippine Council for Industry and Energy Research and Development

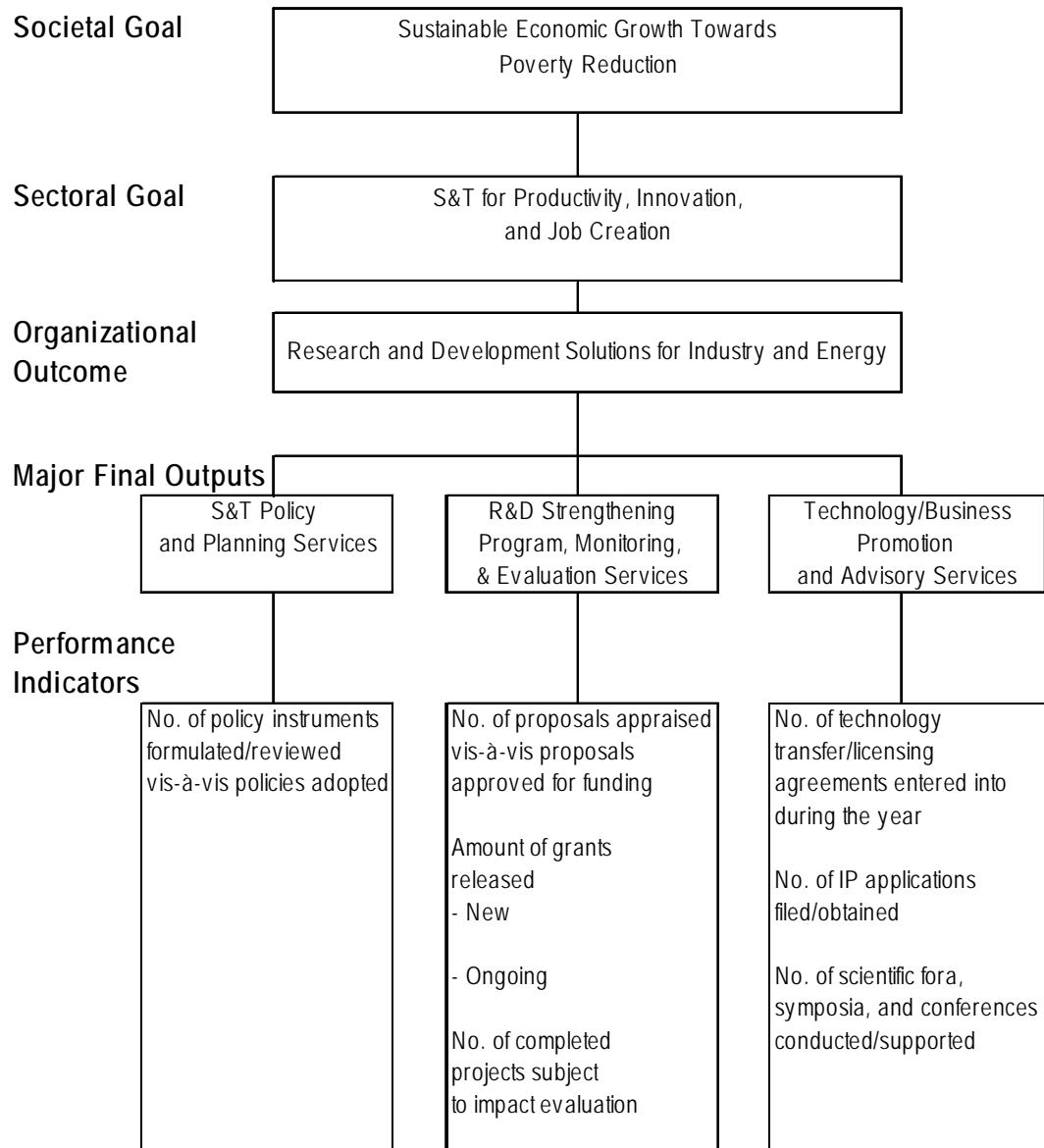
### Legal Basis

- **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.

### Mandate

The Philippine Council for Industry and Energy Research and Development (PCIERD) formulates policies, strategies, plans, and programs/projects for S & T development in industry & energy, utilities, infrastructure, and environment sectors. It monitors and promotes S & T research with applications in Industry, Energy, Utilities, Infrastructure, and Environment.

## LOGICAL FRAMEWORK (PCIERD)



**PERFORMANCE MEASURES AND TARGETS**  
(Amounts in Thousand Pesos)

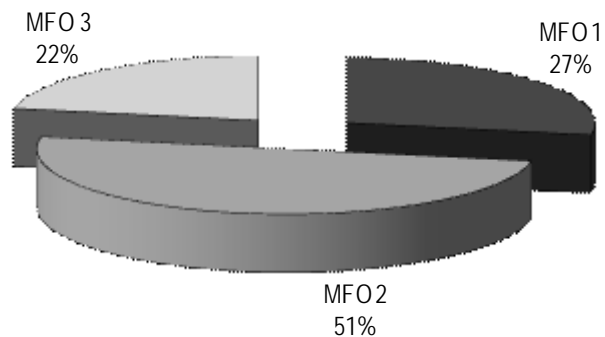
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>S&amp;T Policy and Planning Services</b>	<b>14,266</b>	<b>12,178</b>	<b>12,431</b>
No of policy instruments formulated/ reviewed vis-à-vis policies adopted	18	6	15
<b>MFO 2</b>			
<b>R&amp;D Strengthening, Program, Monitoring, and Evaluation Services</b>	<b>441,160</b>	<b>21,852</b>	<b>23,543</b>
No. of proposals appraised vis-a-vis proposals approved for funding	119/30	120/20	120/30
Amount of grants released			
Ongoing	11.75M	11.75M	11.75M
New	5.83M	8.25M	8.25M
No. of completed projects subjected to impact evaluation	8	5	5
<b>MFO 3</b>			
<b>Technology/Business Promotion and Advisory Services</b>	<b>10,823</b>	<b>9,750</b>	<b>10,005</b>
No. of technology transfer/license agreements made (adaptor)	1	6	2
No. of Intellectual Property filed/obtained	2	2	2
No. of scientific fora/symposia/ conferences conducted	25	25	25
<b>TOTAL</b>	<b>466,249</b>	<b>43,780</b>	<b>45,979</b>

## FY 2011 MFO BUDGET

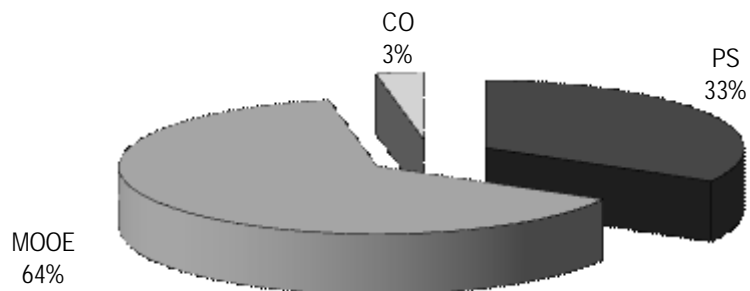
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% SHARE
<b>MFO 1</b> Policy & Planning Services	5,200	6,771	460	12,431	27%
<b>MFO 2</b> R&D Strengthening, Program, Monitoring, and Evaluation Services	6,910	16,403	230	23,543	51%
<b>MFO 3</b> Technology/Business Promotion & Advisory Services	3,148	6,167	690	10,005	22%
<b>TOTAL</b>	<b>15,258</b>	<b>29,341</b>	<b>1,380</b>	<b>45,979</b>	<b>100%</b>
<b>% SHARE</b>	<b>33%</b>	<b>64%</b>	<b>3%</b>	<b>100%</b>	

### By MFO (Total Budget = P45,979,000)



### By Expense Class (Total Budget = P45,979,000)







## Philippine Institute of Volcanology and Seismology

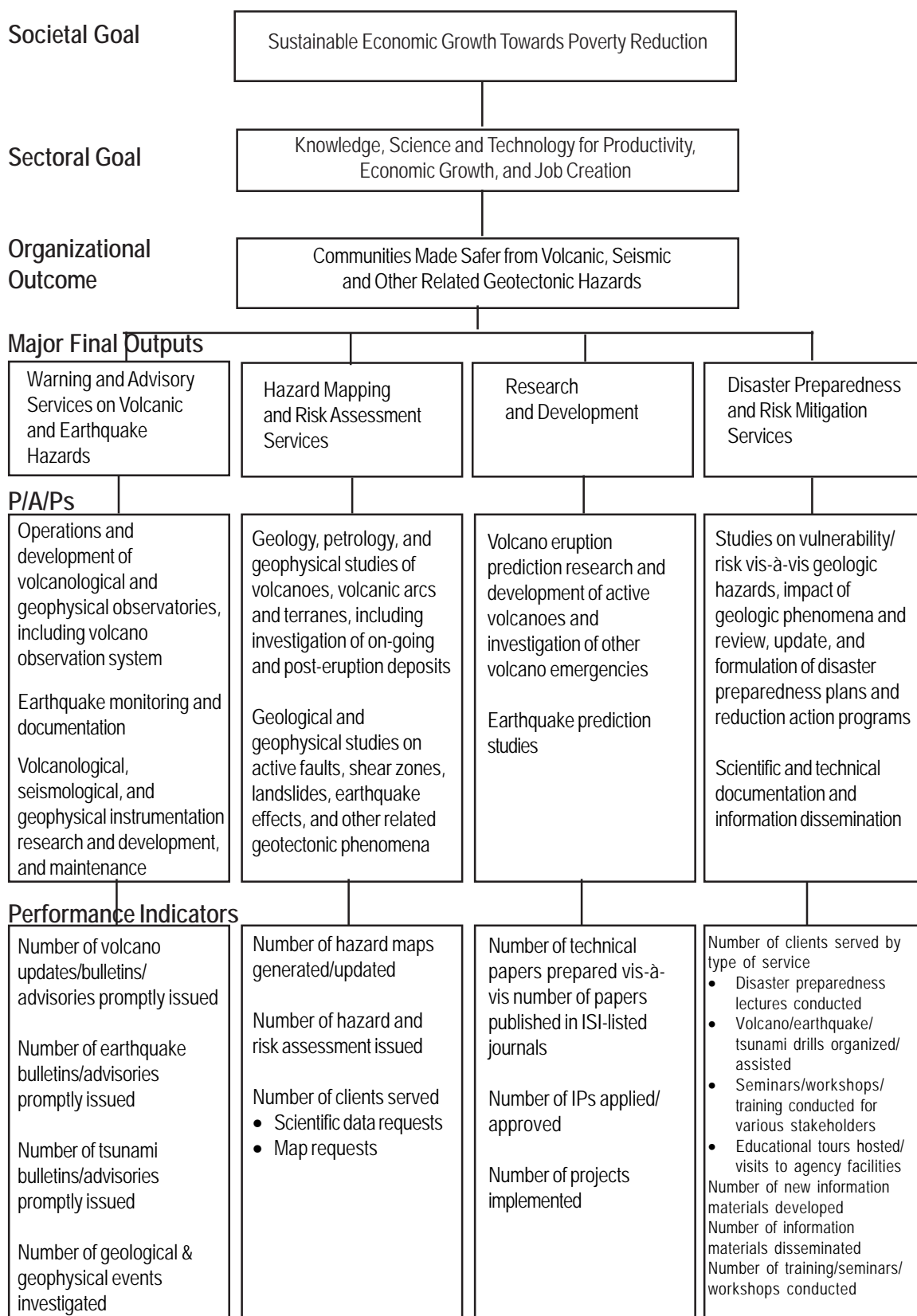
### Legal Basis

- **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)

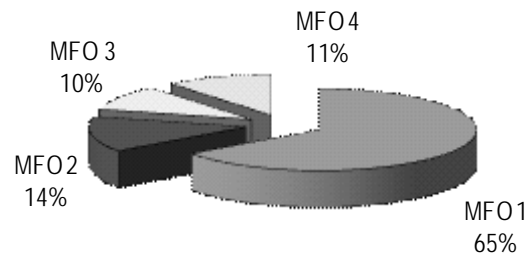
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>	<b>163,227</b>	<b>71,922</b>	<b>132,835</b>
<b>Warning and advisory services on volcanic and earthquake hazards</b>			
Number of volcano updates/bulletins/advisories promptly issued	941	Demand-driven	Demand-driven
Number of earthquake bulletins/advisories promptly issued	397	Demand-driven	Demand-driven
Number of tsunami bulletins/advisories promptly issued	30	Demand-driven	Demand-driven
Number of geological & geophysical events investigated	3	Demand-driven	Demand-driven
<b>MFO 2</b>	<b>19,593</b>	<b>13,818</b>	<b>29,109</b>
<b>Hazard mapping and risk assessment services</b>			
Number of hazard maps generated/updated	28	10	20
Number of hazard and risk assessment issued	259	Demand-driven	Demand-driven
Number of clients served			
Scientific data requests	94	Demand-driven	Demand-driven
Map requests	148	Demand-driven	Demand-driven
<b>MFO 3</b>	<b>12,585</b>	<b>12,153</b>	<b>21,433</b>
<b>Research and development*</b>			
Number of projects implemented	13	13	13
Number of technical papers prepared vis-à-vis number of papers published in ISI-listed journals	4/0	5/1	5/1
Number of R&D collaborative projects with international scientific organizations**	8	8	8
<b>MFO 4</b>	<b>16,282</b>	<b>13,922</b>	<b>22,290</b>
<b>Disaster preparedness and risk mitigation services</b>			
Number of clients served by type of service			
Disaster preparedness lectures conducted	6,387	Demand-driven	Demand-driven
Volcano/earthquake/tsunami drills organized	14,308	Demand-driven	Demand-driven
Educational tours hosted/Visits to agency facilities	20,505	Demand-driven	Demand-driven
Number of new information materials developed	6	5	6
Number of new information materials disseminated	83,755	Demand-driven	Demand-driven
<b>TOTAL</b>	<b>211,687</b>	<b>111,815</b>	<b>205,667</b>

## FY 2011 MFO BUDGET

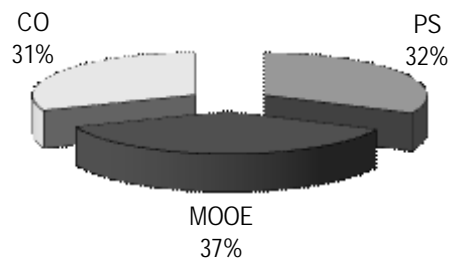
### By MFO/By Expense Class (In Thousand Pesos)

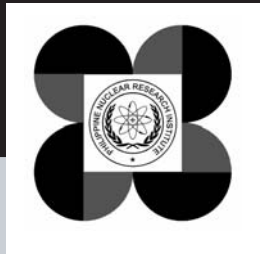
Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b>					
Warning and advisory services on volcanic and earthquake hazards	39,610	49,831	43,394	132,835	65%
<b>MFO 2</b>					
Hazard mapping and risk assessment services	11,826	8,762	8,521	29,109	14%
<b>MFO 3</b>					
Research and development	5,680	10,063	5,690	21,433	10%
<b>MFO 4</b>					
Disaster preparedness and risk mitigation services	9,300	7,802	5,188	22,290	11%
<b>TOTAL</b>	<b>66,416</b>	<b>76,458</b>	<b>62,793</b>	<b>205,667</b>	<b>100%</b>
<b>% Share</b>	<b>32%</b>	<b>37%</b>	<b>31%</b>	<b>100%</b>	

### By MFO (Total Budget = P205,667,000)



### By Expense Class (Total Budget = P205,667,000)





## 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 FRAMEWORK (PNRI)

### Societal Goal

Sustainable Economic Growth  
Towards Poverty Alleviation

### Sectoral Goal

Mobilizing Knowledge, Science and Technology  
for Productivity, Economic Growth, and Job Creation

### Organizational Outcome

Global Competitiveness

### Major Final Outputs

Knowledge &  
Technology  
Generation

Technology  
Transfer  
Services

Nuclear S & T  
Services

Nuclear  
Regulatory  
Services

### Performance Indicators

No. of R&D projects  
implemented

No. of technical  
papers prepared vis-  
a-vis number of  
published papers in  
ISI-listed journals

No. of intellectual  
property rights/  
protection filed/  
granted

Resources generated

No. of technology  
transferred/  
agreements forged

Testing, analysis,  
and calibration  
service

- No. of services  
rendered
- No. of clients  
served
- Income  
generated

Other specialized  
services

- No. of services  
rendered
- No. of clients  
served
- Income  
generated

No. of licenses  
issued

No. of regulations  
developed

No. of inspection  
and audit of licensed  
facilities

Income generated

Resources  
generated

**PERFORMANCE MEASURES AND TARGETS**  
(Amounts in Thousand Pesos)

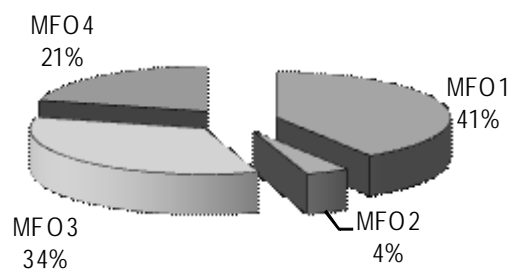
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>Knowledge and Technology Generation</b>	<b>68,437</b>	<b>38,636</b>	<b>58,266</b>
No. of nuclear R&D projects implemented	40	39	40
No. of technical papers published	3	4	5
No. of technical papers presented	24	40	42
No. of intellectual property rights/protection filed/granted	3	1	2
Resources generated (in thousand pesos)	43,495	22,943	23,057
<b>MFO 2</b>	<b>6,449</b>	<b>4,890</b>	<b>5,184</b>
<b>Technology Transfer Services</b>			
No. of technology transferred/agreements forged	0	1	2
<b>MFO 3</b>			
<b>Nuclear S&amp;T Services</b>	<b>52,770</b>	<b>39,280</b>	<b>47,655</b>
Testing, analysis and calibration services			
- No. of services rendered	1,312	832	836
- No. of clients served	635	393	395
- Income generated (in thousand pesos)	2,003	2,693	2,696
Other specialized services			
- No. of services rendered	67,560	69,467	69,814
- No. of clients served	28,161	38,186	38,377
- Income generated (in thousand pesos)	13,724	13,087	13,093
<b>MFO 4</b>			
<b>Nuclear Regulatory Services</b>	<b>28,742</b>	<b>24,248</b>	<b>29,541</b>
No. of licenses issued	285	250	251
No. of regulations developed	5	3	3
No. of inspection and audit of licensed facilities	154	183	184
Income generated (in thousand pesos)	2,640	2,597	2,597
Resources generated (in thousand pesos)	7,228	3,116	3,131
<b>TOTAL</b>	<b>156,398</b>	<b>107,054</b>	<b>140,646</b>

## FY 2011 MFO BUDGET

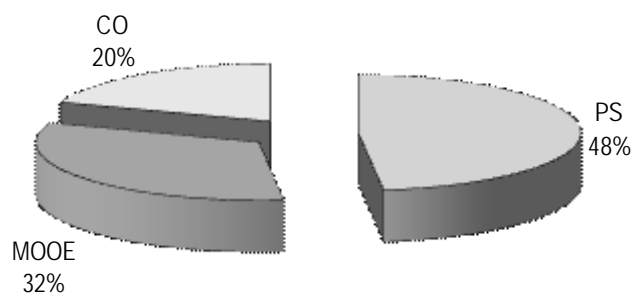
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b> Nuclear Research and Development	29,068	15,051	14,147	58,266	41%
<b>MFO 2</b> Technology Transfer Services	2,636	1,726	822	5,184	4%
<b>MFO 3</b> Nuclear S&T Services	22,069	17,087	8,499	47,655	34%
<b>MFO 4</b> Nuclear Regulatory Services	14,003	11,501	4,037	29,541	21%
<b>TOTAL</b>	<b>67,776</b>	<b>45,365</b>	<b>27,505</b>	<b>140,646</b>	<b>100%</b>
<b>% Share</b>	<b>48%</b>	<b>32%</b>	<b>20%</b>	<b>100%</b>	

### By MFO (Total Budget = P140,646,000)



### By Expense Class (Total Budget=P140,646,000)







## Philippine Science High School

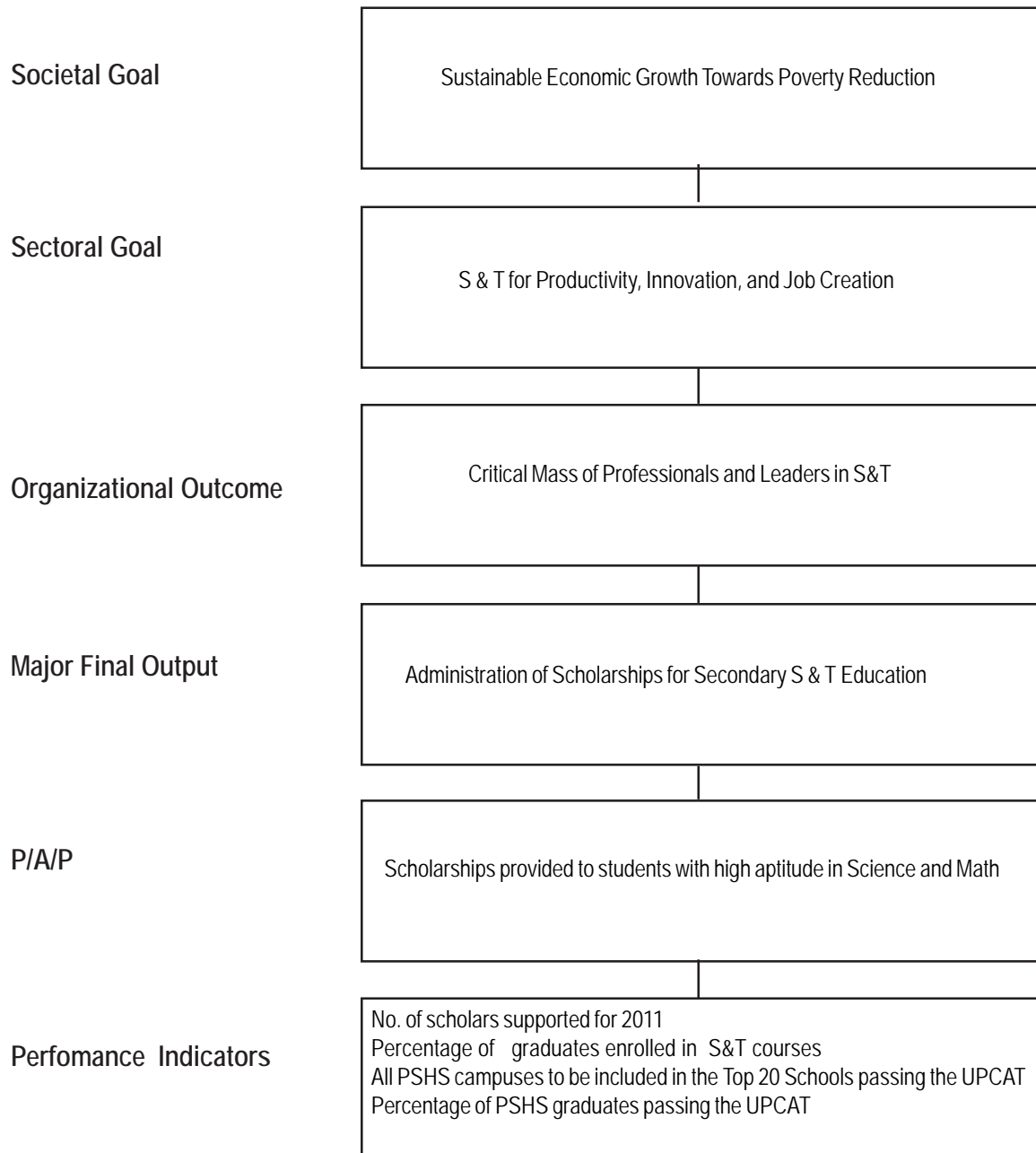
### Legal Basis

- **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. 9026** (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 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>	<b>863,075</b>	<b>419,693</b>	<b>479,001</b>
<b>Administration of Scholarship for Secondary Science and Technology Education</b>			
Number of scholars supported	3,241	3,536	4,033
Percentage of graduates enrolled in S&T courses	100%	100%	100%
All PSHS campuses to rank in the Top 20 Schools in the UPCAT	Top 20	Top 20	Top 20
Percentage of PSHS graduates passing the UPCAT	92.77%	87%	95%
<b>TOTAL</b>	<b>863,075</b>	<b>419,693</b>	<b>479,001</b>

## FY 2011 MFO BUDGET

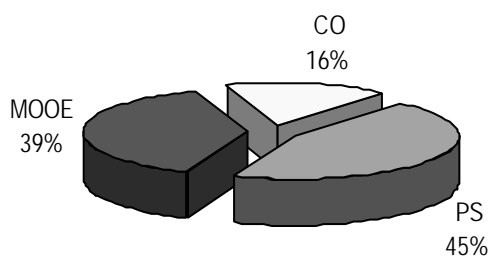
By MFO/By Expense Class

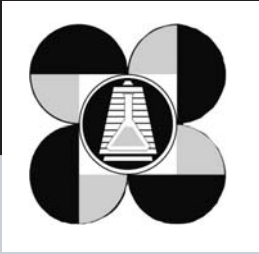
(In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO1</b>	<b>214,844</b>	<b>187,157</b>	<b>77,000</b>	<b>479,001</b>	<b>100%</b>
Administration of Scholarship for Secondary S&T Education					
<b>TOTAL</b>	<b>214,844</b>	<b>187,157</b>	<b>77,000</b>	<b>479,001</b>	<b>100%</b>
<b>%Share</b>	<b>45%</b>	<b>39%</b>	<b>16%</b>	<b>100%</b>	

By Expense Class

(Total Budget = P479,001,000)





## Philippine Textile Research Institute

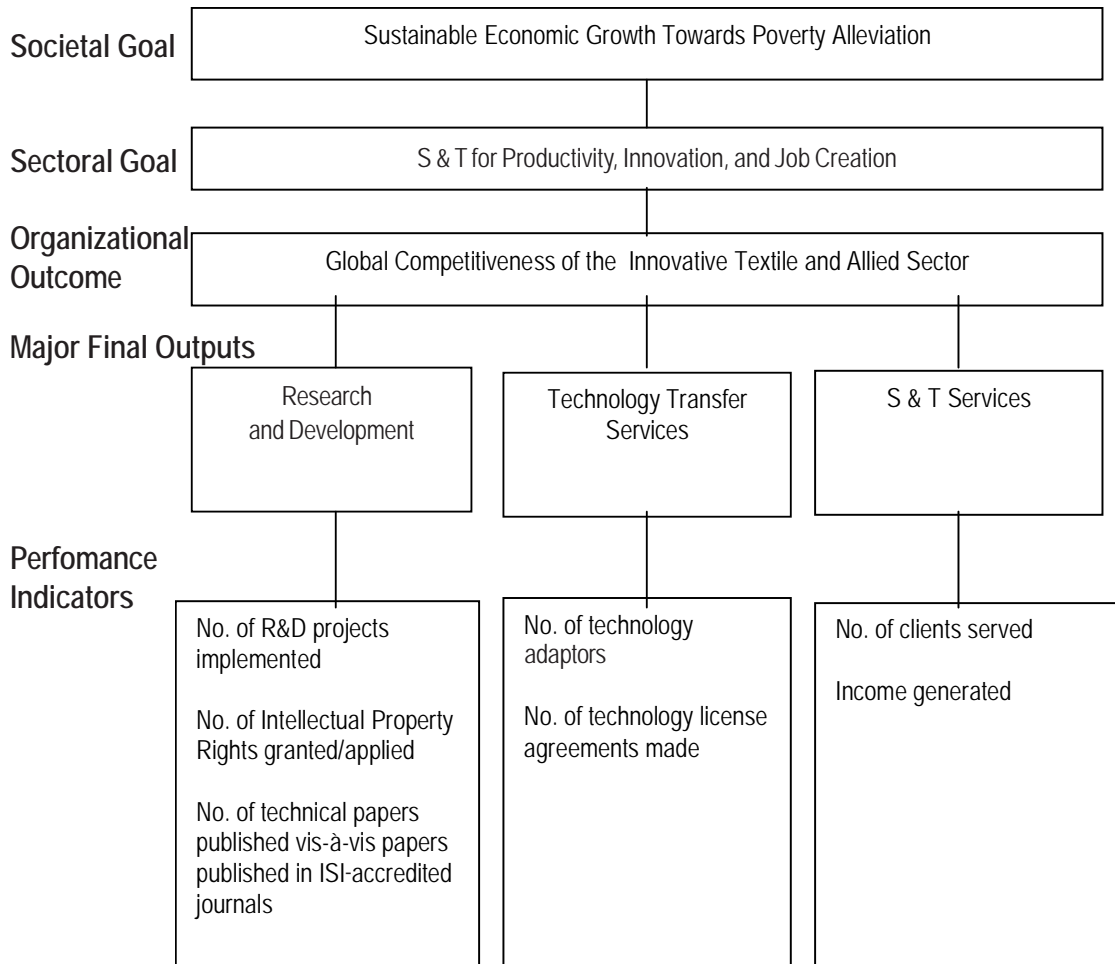
### Legal Basis

- **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)

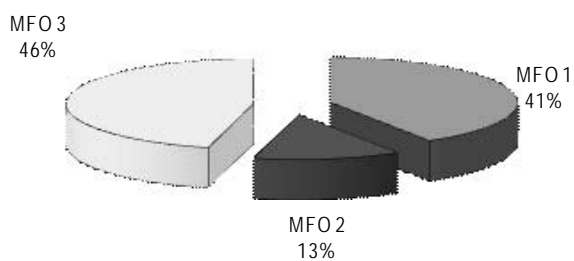
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>	<b>27,681</b>	<b>20,414</b>	<b>24,832</b>
<b>Research and Development</b>			
Number of research and development projects implemented	17	15	16
Number of IPs filed/granted	2	5	4
Number of technical papers developed/published in internationally-referred journals	7/1	6/1	6/1
<b>MFO 2</b>	<b>9,712</b>	<b>4,336</b>	<b>7,665</b>
<b>Technology Transfer Services</b>			
Number of technology adaptors	1,280	1,107	1,110
Number of technology transfer agreements made	16	4	6
<b>MFO 3</b>	<b>20,701</b>	<b>15,213</b>	<b>27,848</b>
<b>Science and Technology Services</b>			
Number of clients served	17,674	13,260	15,399
Income generated	2,727.25	2,864	2,892
<b>TOTAL</b>	<b>58,094</b>	<b>39,963</b>	<b>60,345</b>

## FY 2011 MFO BUDGET

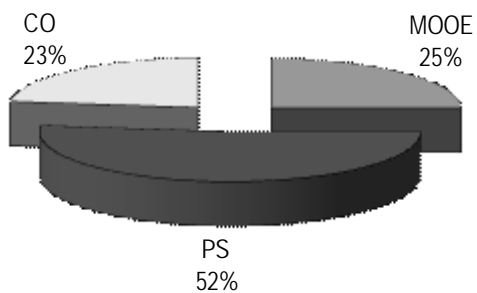
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b>					
Research and Development	12,005	7,452	5,375	24,832	41%
<b>MFO 2</b>					
Technology Transfer Services	3,419	2,221	2,025	7,665	13%
<b>MFO 3</b>					
S & T Services	15,718	5,653	6,477	27,848	46%
<b>TOTAL</b>	<b>31,142</b>	<b>15,326</b>	<b>13,877</b>	<b>60,345</b>	<b>100%</b>
<b>% SHARE</b>	<b>52%</b>	<b>25%</b>	<b>23%</b>	<b>100%</b>	

### By MFO (Total Budget=P60,345,000)



### By Expense Class (Total Budget = P60,345,000)





## Science Education Institute

### Legal Basis

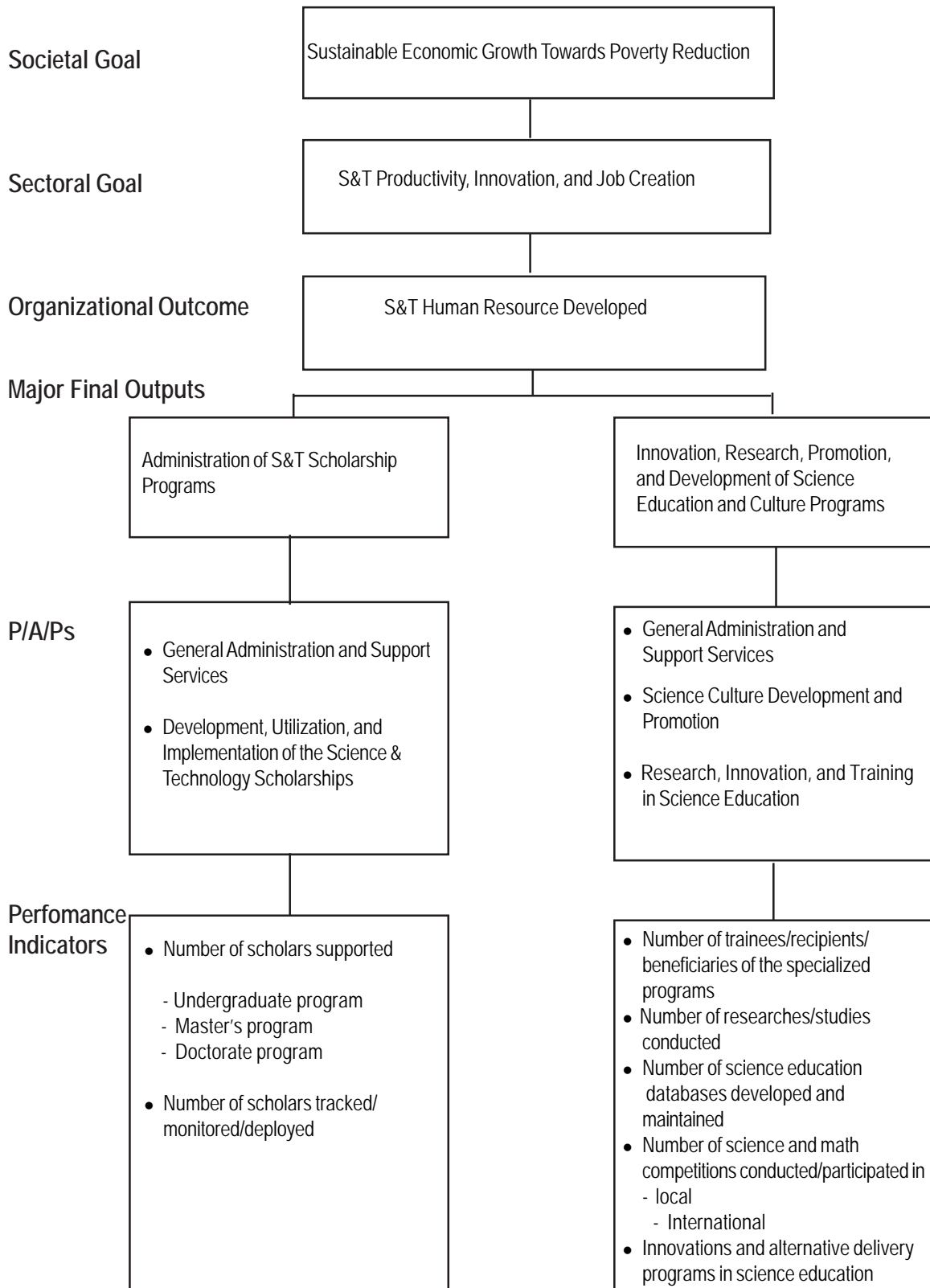
**Executive Order No. 128** (January 30, 1987), otherwise known as the Reorganization Act of the National Science and Technology Authority, created the Science Education Institute.

### 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)

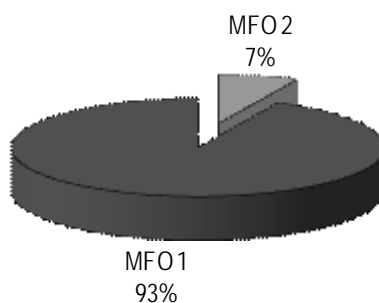
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>	<b>706,429</b>	<b>439,314</b>	<b>474,329</b>
<b>Administration of Science and Technology Scholarship Programs</b>			
Number of scholars supported			
Undergraduate level	11,246	10,753	11,038
Masters program	173	91	91
Doctoral program	87	81	117
Number of scholar graduates monitored/tracked	14,322	10,925	11,246
<b>MFO 2</b>	<b>66,299</b>	<b>36,031</b>	<b>36,950</b>
<b>Promotion and Development of Science Education and Culture Programs</b>			
Number of trainees/beneficiaries			
Advanced Specialized Training Programs in Science and Mathematics Education	653	300	480
Science Camp(Science, Mathematics & Engineering)	268	65	130
Number of lessons in secondary science and math digitized	18	133	118
Number of modules for elementary English and Filipino digitized	40	40	40
Number of Mobile IT Classrooms deployed (MITC)	5	4*	4
Number of science education databases developed and maintained	14	12**	14
Number of studies/researches conducted/assisted	3	5	5
Number of science and math competitions			
<i>Conducted/Assisted/Participated</i>			
Local	9	12	12
Abroad	5	5	5
<b>TOTAL</b>	<b>772,728</b>	<b>475,345</b>	<b>511,279</b>

## FY 2011 MFO BUDGET

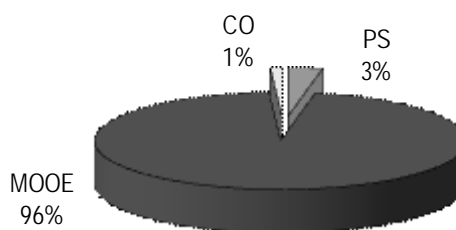
### By MFO/By Expense Class (In Thousand Pesos)

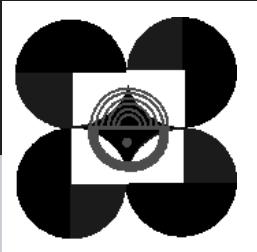
Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b>					
Administration of S&T Scholarship Programs	11,504	462,330	495	474,329	93%
<b>MFO 2</b>					
Innovations, Research, Promotion, and Development of Science Education and Culture Programs	6,046	30,409	495	36,950	7%
<b>Total</b>	<b>17,550</b>	<b>492,739</b>	<b>990</b>	<b>511,279</b>	<b>100%</b>
<b>% Share</b>	<b>3%</b>	<b>96%</b>	<b>1%</b>	<b>100%</b>	

### By MFO (Total Budget = P511,279,000)



### By Expense Class (Total Budget = P511,279,000)





**Science and Technology Information Institute**

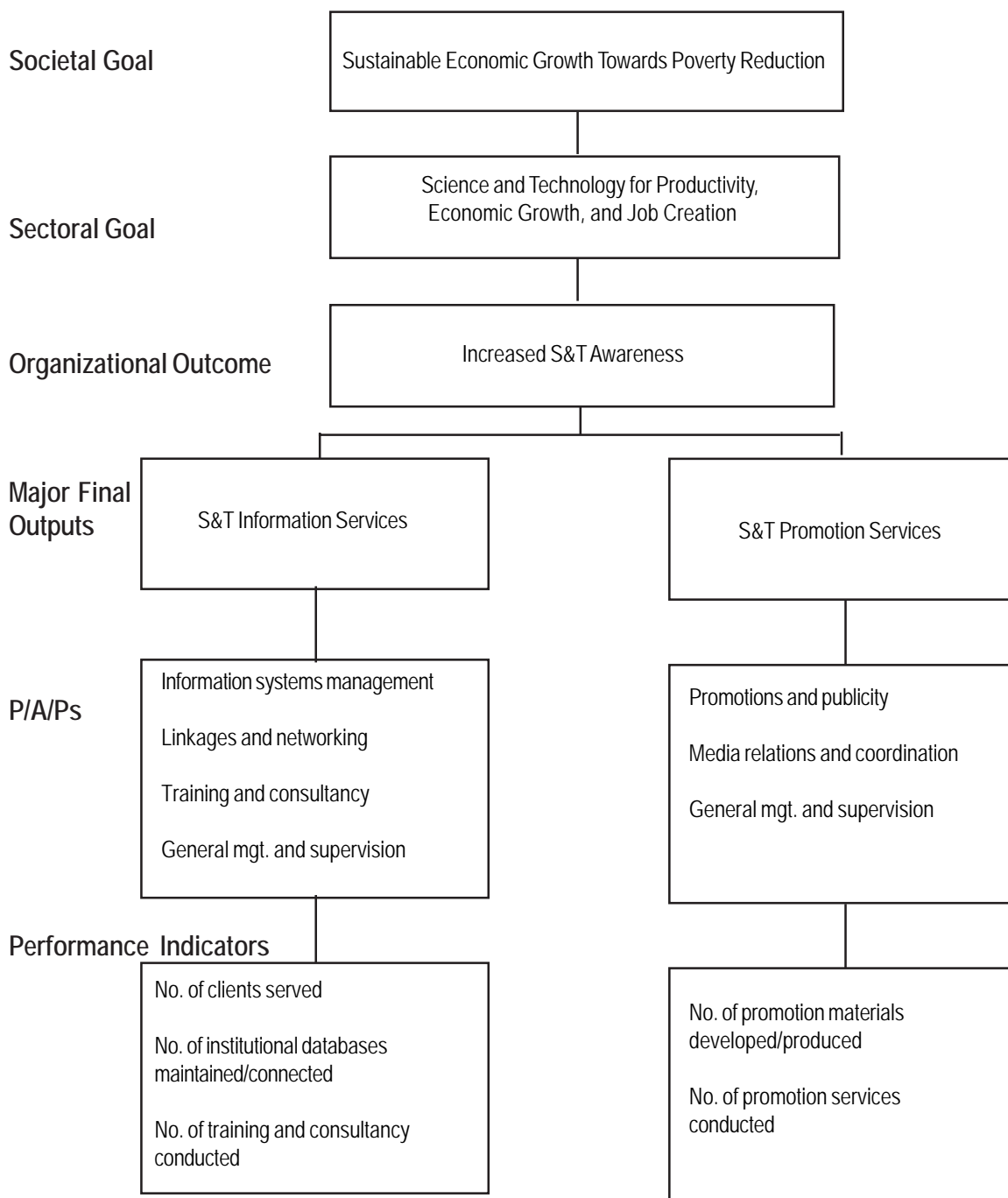
### **Legal Basis**

**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 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>S &amp; T Information Services</b>	<b>29,156</b>	<b>17,258</b>	<b>20,976</b>
No. of clients served	177,658	260,000	260,000
No. of institutional databases maintained	26	26	26
No. of publications issued	30	30	30
No. of training & consultancy conducted	24	36	36
No. of library collections acquired	2,120	1,200	1,250
<b>MFO 2</b>			
<b>S &amp; T Promotional Services</b>	<b>31,585</b>	<b>16,985</b>	<b>22,723</b>
No. of promotion materials developed/produced	1,206	850	900
No. of promotion services conducted	4,246	1,500	1,600
<b>TOTAL</b>	<b>60,741</b>	<b>34,243</b>	<b>43,699</b>

## FY 2011 MFO BUDGET

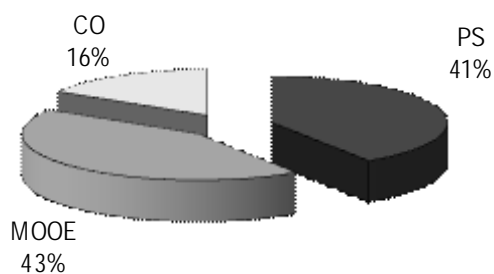
### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b> S & T Information Services	8,671	9,899	2,406	20,976	48%
<b>MFO 2</b> S & T Promotions Services	8,922	9,057	4,744	22,723	52%
<b>TOTAL</b>	<b>17,593</b>	<b>18,956</b>	<b>7,150</b>	<b>43,699</b>	<b>100%</b>
<b>% Share</b>	<b>41%</b>	<b>43%</b>	<b>16%</b>	<b>100%</b>	

### By MFO (Total Budget = P43,699,000)



### By Expense Class (Total Budget = P43,699,000)





## Technology Application and Promotion Institute

### Legal Basis

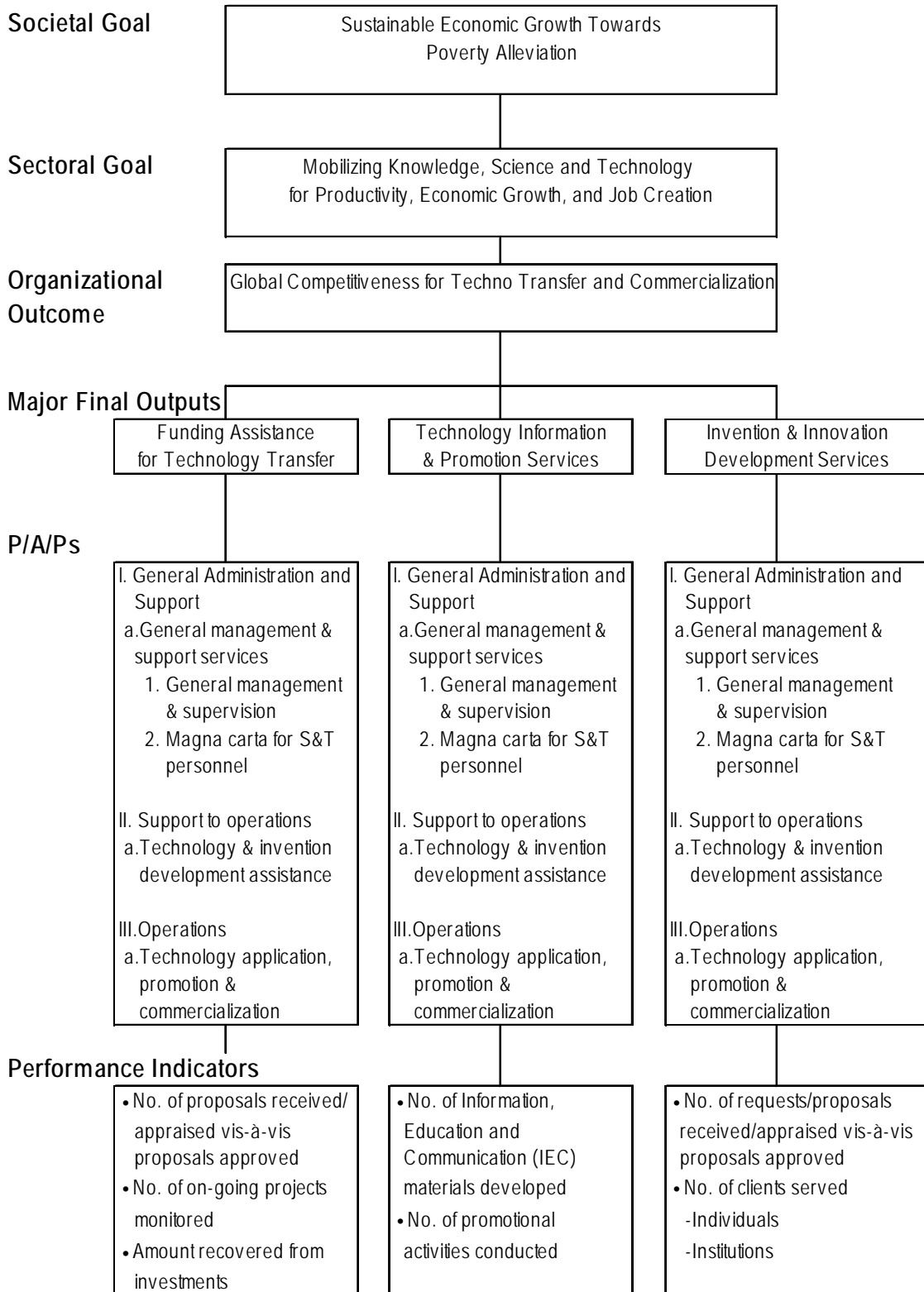
**Executive Order No. 128** (January 30, 1987), Reorganizing the National Science and Technology Authority (NSTA), provided for the Technology Application and Promotion Institute (TAPI) as one of NSTA's attached agencies.

### 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)

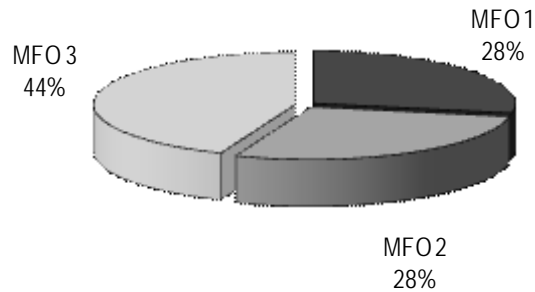
Particulars	FY 2009	FY 2010	FY 2011
	Actual/ Amount	Target/ Amount	Target/ Amount
<b>MFO 1</b>			
<b>Funding Assistance for Technology Transfer</b>	<b>23,413</b>	<b>16,381</b>	<b>20,794</b>
No. of proposals received/appraised vis-à-vis	141/160	220/180	180/180
No. of proposals approved	232/333	120/300	300/300
No. of on-going projects monitored	2,790	2,500	2,500
Amount recovered from investment	2.8M	3M	3.5M
<b>MFO 2</b>			
<b>Technology Information and Promotion Services</b>	<b>21,950</b>	<b>19,943</b>	<b>20,793</b>
No. of Information, Educational and Communication (IEC) materials developed	27	30	35
No. of promotional activities conducted	19	30	35
<b>MFO 3</b>			
<b>Invention &amp; Innovation Development Services</b>	<b>27,803</b>	<b>17,339</b>	<b>31,394</b>
No. of requests/proposals received/appraised	176	180	200
No. of proposals approved	178	180	200
No. of clients served			
-Individuals	1,053	3,000	3,500
<b>TOTAL</b>	<b>73,166</b>	<b>53,663</b>	<b>72,981</b>

## FY 2011 MFO BUDGET

### By MFO/By Expense Class (In Thousand Pesos)

Particulars	PS	MOOE	CO	TOTAL	% Share
<b>MFO 1</b> Funding Assistance for Technology Transfer	9,102	10,711	981	20,794	28%
<b>MFO 2</b> Technology Information and Promotion Services	8,513	11,201	1,079	20,793	28%
<b>MFO 3</b> Invention & Innovation Development Services	7,814	12,640	10,940	31,394	44%
<b>TOTAL</b>	<b>25,429</b>	<b>34,552</b>	<b>13,000</b>	<b>72,981</b>	<b>100%</b>
<b>% Share</b>	<b>35%</b>	<b>47%</b>	<b>18%</b>	<b>100%</b>	

### By MFO (Total Budget = P72,981,000)



### By Expense Class (Total Budget = P72,981,000)

