

XIX. DEPARTMENT OF SCIENCE AND TECHNOLOGY

A. OFFICE OF THE SECRETARY

STRATEGIC OBJECTIVES

MANDATE

The Department of Science and Technology (DOST) shall provide central direction, leadership and coordination of scientific and technological efforts and ensure that their results therefrom are geared and utilized in areas of maximum economic and social benefits for the people.

VISION

A reservoir of scientific and technological know-how providing world-class solutions that empower Filipinos to attain higher productivity and better quality of life.

MISSION

DOST shall be direction provider, leader and coordinator of the country's scientific and technological efforts, ensuring that these are geared and utilized in areas of maximum economic and social benefits for the people.

KEY RESULT AREAS

1. Poverty reduction and empowerment of the poor and vulnerable
2. Rapid, inclusive, and sustained economic growth
3. Integrity of the environment and climate change adaptation and mitigation

SECTOR OUTCOME

1. Globally competitive and innovative production and knowledge services sectors achieved
2. Improved preparedness and adaptive capacities to changing natural systems

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific knowledge and cutting-edge technological innovations increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Enhance capacity to apply world-class science in finding innovative ways to address pressing national problems particularly those related to inclusive growth
2. Enable local industries particularly the small producers to improve productivity and competitiveness, and to move up the global value chain
3. Invest in the continuing development of S&T human resources and techno-scientific infrastructure

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2015 TARGETS
Widespread benefits to Filipinos from scientific knowledge and cutting-edge technological innovations increased		
Development, adoption and implementation of Harmonized R&D agenda	For adoption in 2014	National R&D agenda developed, adopted and implemented
PH ranking in technological readiness and innovation pillars of the World Economic Forum (WEF) Global Competitiveness Index	Ranking in the WEF Global Competitiveness Index (2013 - 2014). Technological Readiness Ranking - 77th Innovation Ranking - 69th	Better than 77 out of 148 in technological readiness and 69 out of 148 in innovation pillars of WEF Global Competitiveness Index
Percentage increase in the number of MSMEs assisted	Year Target % Increase 2015 1,841 - 2014 1,841 25	25% increase in the number of MSMEs assisted

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2015 Targets
MFO 1: SCIENCE AND TECHNOLOGY POLICY ADVISORY SERVICES	
Number of plans and policy advisories updated, issued and disseminated	2
Percentage of stakeholders who rate DOST plans/policy advisories as satisfactory or better	90
Percentage of plans/policy advisories that have been updated, issued and disseminated within the last 3 years	90
MFO 2: SCIENCE AND TECHNOLOGY FUNDING SERVICES	
Set 1 - GIA	
Number of programs/projects reviewed	127
Percentage of projects completed over the last 3 years whose findings were published in recognized journals or utilized by commercial entity	80
Percentage of projects that have been evaluated at least twice within the last 2 years	95
Set 2 - Technology Transfer	
Number of firms/other entities provided with S&T assistance	1,984
No. of jobs created (in terms of person)	14,710
Number of technology intervention	4,392
Percentage of clients who rate the assistance as satisfactory or better	90
Percent of request for assistance that are acted upon within the standard time frame	90
MFO 3: REGIONAL SCIENCE AND TECHNOLOGY SERVICES	
S&T Services	
Number of technical/consultative services rendered	14,368
Percentage of clients who rate the technical services as satisfactory or better	90
% of requests for technical assistance that are acted upon within the ISO standard time	90

B. ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE

STRATEGIC OBJECTIVES

MANDATE

The Advanced Science and Technology Institute (ASTI) is mandated to perform the following functions: Scientific research and development in the advanced fields of Information and Communication Technology and Microelectronics; undertake long-term researches to strengthen and modernize science and technology infrastructure; conduct research and development works in the advanced fields of studies including biotechnology and microelectronics; and complement the overall endeavor in the scientific field with intensive activities in computer and information technologies.

VISION

Leading Research and Development Centers in Information and Communications Technology (ICT) and Electronics within the Southeast Asian region.

MISSION

Committed to the development of the Filipino society and the Philippines as a nation. ASTI shall contribute to the attainment of national development priorities and the growth of Philippine enterprises by providing innovative solutions using ICT and electronics technology.

KEY RESULT AREAS

Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

Globally competitive and innovative production and knowledge services sector achieved

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific knowledge and ICT and microelectronics technologies increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Implement a balance between long term and short term researches in Information and Communications Technology (ICT) and Electronics
2. Develop innovative products, solutions and applications
3. Provide technical advisory services to address the technological needs of Philippine institutions and enterprises

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2015 TARGETS

Widespread benefits to Filipinos from scientific knowledge and ICT and microelectronics technologies increased

% benefit incidence of ASTI services among target local firms and institutions

56% local firms and institutions benefited from the technical advisory services rendered in 2013

>70% of target local firms and institutions

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: RESEARCH AND DEVELOPMENT

No. of proposals completed and disseminated	12
% of projects completed in the last five (5) years that are published in recognized media or adopted by the industry	90%
% of projects completed within the timeframe in accordance with original project approval	90%

MFO 2: TECHNICAL ADVISORY SERVICES

No. of technical advisory services rendered	4,300
% of clients who rate the technical services as satisfactory or better	90%
% of technical services provided within 3 days of request	90%

C. FOOD AND NUTRITION RESEARCH INSTITUTE

STRATEGIC OBJECTIVES

MANDATE

The Food and Nutrition Research Institute (FNRI) shall undertake researches that define the citizenry's nutritional status, with reference particularly to the malnutrition problem, its causes and effects. It shall also develop and recommend policy options, strategies, programs and projects for implementation by appropriate agencies, as well as, disseminate its research findings and recommendations to relevant end-users.

VISION

Optimum nutrition for all Filipinos, socially and economically empowered through scientifically sound, environment-friendly and globally competitive technologies.

MISSION

As the lead agency in food and nutrition research and development in the country, the FNRI fights malnutrition with accurate data and correct information.

KEY RESULT AREAS

1. Poverty reduction and empowerment of the poor and vulnerable
2. Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

Globally competitive and innovative production sectors achieved

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific knowledge and food and nutrition technologies increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Enforce the roll-out of the intervention model in the priority provinces
2. Intensify advocacy activities and monitoring of implementation in targeted areas / local government units
3. Promotion and marketing of new and existing food and nutrition technologies
4. Enhancement of technology transfer
5. Accelerate technological cooperation
6. Intensify linkages with partners

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2015 TARGETS

Widespread benefits to Filipinos from scientific knowledge and food and nutrition technologies increased

% of reduction of malnutrition prevalence in a municipality or barangay in each of the priority 25 provinces where S&T - based intervention model can be showcased.

The target of 15% reduction in malnutrition prevalence was based on the results of the DOST PINOY (Package for the Improvement of Nutrition Of Young Children).

> 15% reduction in malnutrition prevalence in a municipality or barangay in each of the priority 25 provinces where S&T- based intervention model was showcased.

Percentage increase in the utilization of science-based interventions (technologies / products / services / models transferred and utilized; tools and guidelines adopted; policies developed and adopted)

The target of 20% increase is based on the average of the last five (5) years accomplishments / utilization of science-based intervention.

>20% increase in utilization of science-based intervention (e.g. technologies / products / services / models transferred and utilized; tools and guidelines adopted; policies developed and adopted) for the reduction of malnutrition

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: SCIENTIFIC RESEARCH AND DEVELOPMENT

No. of projects completed	25
% of projects completed in the last five (5) years that are published in recognized media or adopted by the industry	20
% of projects completed within the timeframe in accordance with original project approval	100

MFO 2: TECHNICAL ADVISORY SERVICES

No. of technical services rendered	1,500
% of clients who rate the technical services as satisfactory or better	95
% of technical services provided within 3 days of request.	95

D. FOREST PRODUCTS RESEARCH AND DEVELOPMENT INSTITUTE

STRATEGIC OBJECTIVES

MANDATE

The Forest Products Research and Development Institute (FPRDI) shall conduct 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.

VISION

A sustainable forest-based industry that is able to produce economically competitive and environment-friendly commodities that contribute to socio-economic development, and support the disadvantaged sectors of society.

MISSION

To generate, improve and transfer appropriate technologies and information on efficient utilization of forest-based products to make local industries more competitive in the domestic global markets and to benefit the general public.

KEY RESULT AREAS

Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

Globally competitive and innovative production and knowledge services sectors achieved

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific knowledge and forest-based product technological innovations increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Improve the Research and Development (R&D) interventions through acquisition of new technical equipment
2. Accelerate the delivery of technical advisory services to the globally competitive and innovative production and knowledge services sectors by implementing and maintaining the ISO 9001:2008 Quality Management System and PNS ISO / IEC 17025 accreditation of the FPRDI Testing Laboratories for paper, furniture and plywood.

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2015 TARGETS

Widespread benefits to Filipinos from scientific knowledge and forest-based product technological innovations increased

% benefit incidence of FPRDI services to target local firms and institutions

90% of 2,222 target local firms and individuals derived from the five (5) years average historical data.

>90% of target local firms and institutions

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: SCIENTIFIC RESEARCH AND DEVELOPMENT

Number of projects completed	12
% of projects completed in the last five (5) years that are published in recognized media or adopted by the industry	90
% of projects completed within the timeframe in accordance with original project approval	90

MFO 2: TECHNICAL ADVISORY SERVICES

Number of technical services rendered	1,560
% of clients who rate the technical services as satisfactory or better	90
% of technical services provided within 3 days of request	90

E. INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

STRATEGIC OBJECTIVES

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.

VISION

Excellence in propelling development as provider of technologies and services for the industry.

MISSION

To make local industries globally competitive.

KEY RESULT AREAS

Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

Globally competitive and innovative production and knowledge services sectors achieved

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific knowledge and technologies for industry productivity and competitiveness increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Implement more focused R&D projects
2. Render a variety of Scientific and Technological services to its clients from different sectors
3. Diffuse / transfer the results of its R&D undertakings to adopters nationwide

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2015 TARGETS
Widespread benefits to Filipinos from scientific knowledge and technologies for industry productivity and competitiveness increased		
% benefit incidence of ITDI services to target manufacturing SMEs	90% of 3,300 MSMEs engaged in industry oriented business derived from the five-year average historical data.	>90% of total target MSMEs

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2015 Targets
MFO 1: SCIENTIFIC RESEARCH AND DEVELOPMENT	
Number of R and D programs/projects completed and disseminated	15
% of projects completed in the last 5 years that are published in recognized media or adopted by industry	70%
% of projects completed within the timeframe in accordance with original project approval	90%
MFO 2: TECHNICAL ADVISORY SERVICES	
No. of technical services advisory services provided	11,000
% of clients who rate the technical service as satisfactory or better	90%
% of requests for technical advice that are acted upon within 3 days of request	90%

F. INFORMATION AND COMMUNICATIONS TECHNOLOGY OFFICE

STRATEGIC OBJECTIVES

MANDATE

The Information and Communications Technology Office (ICTO) shall undertake the formulation of the appropriate policy and program framework for the development of the country's information and communications technology (ICT) industry, as well as, the provision of appropriate ICT services to support the efficient, effective and economical government operations.

VISION

A globally competitive knowledge-based economy, enabled by open and innovative ICT-enabled governance, providing world-class responsive services to digitally-empowered citizens and communities in a progressive, equitable and sustainable society.

MISSION

To provide leadership, direction and coordination in the development, implementation and use of ICT for socio-economic development and for delivery of public service to digitally empowered citizens.

KEY RESULT AREAS

1. Transparent, accountable, and participatory governance
2. Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

Knowledge, Science and Technology for Productivity, Economic Growth, Job Creation and Responsiveness to Global Trends towards Digital Economy

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific knowledge and cutting-edge ICT innovations increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Promote the rapid development and improved global competitiveness of our country's information and communications technology (ICT) industry through research and development and through effective linkages to industry
2. Formulate, recommend and implement an appropriate policy, plan and program framework that will promote the rapid development and competitiveness of ICT in the country
3. Support efficient, effective, transparent and accountable governance and, in particular, support the speedy and efficient enforcement of rules and delivery of accessible public services to the people
4. Conduct continuing research and development in partnership with the academe and international institutions towards improving the quality of ICT education and the production of globally competitive ICT manpower
5. Build the capacities of public sector institutions and their personnel in the use of ICT to improve planning, management, delivery of mission, critical functions and monitoring and evaluation
6. Provide an efficient and effective ICT infrastructure, systems and resources that will ensure business continuity and public access to online services offered by the government and the private sector

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2015 TARGETS
Widespread benefits to Filipinos from scientific knowledge and cutting-edge ICT innovations increased		
PH ranking in the Global IT-BPM Market Report	Ranking in the Gobal IT-BPM Market - 2nd	PH to maintain no. 2 ranking and to close gap with India, the global market leader
	Ranking in UN-E Government Survey	
	2014 - 95th	
	2013 - 88th	
PH ranking in the Global e-government Index	Ranking in Global IT Report: Networked Readiness Index, WE Forum	PH to land within the top 50 global e-government ranking by 2016
	2014 - 78th	
	2013 - 86th	
MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2015 Targets	

MFO 1: GOVERNMENT-WIDE ICT POLICY SERVICES

No. of plans and policies updated, issued and disseminated	11
Percentage of stakeholders who rate ICTO plans and policies as satisfactory or better	80%
Percentage of plans and policies that have been updated, issued and disseminated within the last 2 years	80%

MFO 2: TECHNICAL ADVISORY SERVICES

No. of technical services rendered	100
Percentage of clients who rate the technical services as satisfactory or better	80%
Percentage of technical services rendered within 3 days of request	80%

MFO 3: ICT TRAINING SERVICES

No. of training courses provided	80
Average no. of training participants per course	25
Percentage of training course attendees who rate the course as satisfactory or better	80%
Percentage of training courses that are delivered within one month or less from request	80%

G. METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

STRATEGIC OBJECTIVES

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.

VISION

An internationally recognized institution providing research and development, technology transfer and scientific and technological services supporting the growth and global competitiveness of the metals, engineering and allied industries.

MISSION

To provide both government and private sectors in the metals and engineering industries 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.

KEY RESULT AREAS

Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

Globally competitive and innovative production and knowledge services sectors achieved

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific knowledge and cutting-edge metals and engineering innovations increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Implementation of the program to support the productivity and competitiveness of the Metals and Engineering (M&E) industries
2. Implementation of the Small Enterprise Technology Upgrading Program (SET-UP)
3. Development of Technology Investment Package Series
4. Maintenance of the ISO / IEC 17025 Accreditation of the MIRDC Laboratories

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2015 TARGETS
Widespread benefits to Filipinos from scientific knowledge and cutting-edge metals and engineering innovations increased		
% benefit incidence of MIRDC services to target local metals and engineering firms	92% - average percentage of local firms in the metals, engineering and allied industries.	>90% of target local firms in the metals, engineering and allied industries

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2015 Targets
MFO 1: SCIENTIFIC RESEARCH AND DEVELOPMENT	
No. of projects completed	30
% of projects completed in the last five (5) years that are published in recognized media or adopted by the industry	60
% of projects completed within the timeframe in accordance with original project approval	90
MFO 2: TECHNICAL ADVISORY SERVICES	
No. of technical advisory services rendered	2,100
% of clients who rate the technical services as satisfactory or better	90
% of requests that are acted upon within 3 days of request	90

H. NATIONAL ACADEMY OF SCIENCE AND TECHNOLOGY

STRATEGIC OBJECTIVES

MANDATE

The National Academy of Science and Technology (NAST) shall recognize outstanding achievements in science and technology, as well as, provide meaningful incentives to those engaged in scientific and technological researches. It shall also engage in projects and programs designed to promote scientific productivity and embark on programs traditionally and internationally expected of an academy of science.

VISION

A Progressive Philippines Anchored on Science

MISSION

1.To recognize exemplary science and technology achievements among the young and among peers. 2. To encourage individual Academy members to continue their own scholarly pursuits thereby making the Academy the principal reservoir of scientific and technological expertise in the nation. 3.To provide independent and science-based advice on problems facing the nation and the world. 4 To link with like-minded institutions and individuals in promoting scientific achievement in the Philippines and abroad. 5.To promote a strong science culture in Philippine society.

KEY RESULT AREAS

Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

1. Globally competitive and innovative production and knowledge services sectors achieved 2. Improved preparedness and adaptive capacities to changing natural systems

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific knowledge and cutting-edge technological innovations by enhancing and fostering the policy environment for the development of Science and Technology

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Formulation of policy recommendations on relevant science and technology concerns
2. Promotion and recognition of outstanding scientific and technological achievements of scientists / researchers
3. Provision of benefits, privileges, awards and incentives to scientists / researchers
4. Development and maintenance of Science and Technology linkages and collaborations with other equivalent organizations
5. Management of the Philippine Science Heritage Center

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2015 TARGETS

Widespread benefits to Filipinos from scientific knowledge and cutting-edge technological innovations by enhancing and fostering the policy environment for the development of Science and Technology

% of priority issues as identified and addressed under the harmonized national Science and Technology agenda resolved

90% of priority issues under the harmonized Science and Technology agenda identified and 50% addressed

>90% of priority issues under the harmonized Science and Technology agenda identified and 60% addressed

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: PROMOTION OF SCIENTIFIC ACHIEVEMENT

Enter PI Set Description

No. of Researchers/Scientists given awards and incentives	447
Annual percentage change in the number of nominations	4%
Notice for nominations disseminated three (3) months before deadline for nomination	2,000

Enter PI Set Description

Number of promotional activities conducted	8
Percentage of stakeholders who rate the activity as satisfactory or better	90%
Percentage of events that commenced within 30 minutes of scheduled time	90%

I. NATIONAL RESEARCH COUNCIL OF THE PHILIPPINES

STRATEGIC OBJECTIVES

MANDATE

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

VISION

A collegial body of highly trained scientists and researchers, cohesively addressing the growing demand for knowledge, skills and innovations; sharing expertise with all sectors of the society; and effectively and efficiently contributing to the country's development and the improvement of the quality of life of the Filipino people.

MISSION

Commitment to promote and support basic and problem-oriented researches, particularly those which are multidisciplinary, in the sciences as well as in the humanities, to identify and provide solutions to national issues and problems, and to generate new knowledge in preparation for the future.

KEY RESULT AREAS

Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

1. Globally competitive and innovative production and knowledge services sectors achieved. 2. Improved preparedness and adaptive capacities to changing Natural System.

ORGANIZATIONAL OUTCOME

Problem-focused multi-disciplinary basic research, policy formulation and collaboration among Filipino researchers enhanced

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Plan and program multi-disciplinary Research and Development activities from annual to multi-year with the involvement of National Research Council of the Philippines (NRCP) member-researchers from State Universities and Colleges (SUCs) to undertake locally-based researchers
2. Strengthen research translation through paper presentations, policy fora, publications and patents

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2015 TARGETS

Problem-focused multi-disciplinary basic research, policy formulation and collaboration among Filipino researchers enhanced

% of NRCP priority basic multi-disciplinary Research and Development programs addressed

14 priority programs comprised of 56 projects targeted for implementation from 2015-2016

>90% of priority basic multi-disciplinary programs addressed by 2016

% of total Filipino researchers collaborating on problem-focused multi-disciplinary basic Research & Development programs	Currently NRCP has an estimate of 3,409 members	>25% of all local-based Filipino researchers (15,000) are NRCP members by 2016
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MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: SCIENCE AND TECHNOLOGY POLICY SERVICES

No. of policy advisories provided	20
% of policy advisories rated satisfactory or better	90%
% of policy advisories that have been updated, issued and disseminated within the last three (3) years	90%

MFO 2: RESEARCH AND DEVELOPMENT MANAGEMENT SERVICES

Enter PI Set Description

No. of proposals evaluated	35
% of projects recommended for approval that subsequently received funding through the governing council/EXECOM	90%
% of projects acted upon within 4 months of receipt of complete proposal	90%

Enter PI Set Description

No. of ongoing projects monitored	35
% of completed projects that are published in recognized journals or utilized in DOST Institutes	90%
% of monitored projects reviewed within the year	90%

J. PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND ASTRONOMICAL SERVICES ADMINISTRATION

STRATEGIC OBJECTIVES

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, and for the promotion of national progress.

VISION

Center of excellence for weather related information and services

MISSION

Protecting lives and properties through timely, accurate and reliable weather-related information and services

KEY RESULT AREAS

Integrity of the environment and climate change adaptation and mitigation

SECTOR OUTCOME

Knowledge, S&T for productivity, economic growth, and job creation

ORGANIZATIONAL OUTCOME

Safety and resiliency of Filipinos to disaster risks from extreme weather, flooding, storm surge and related events enhanced

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Improve weather and flood forecasting system
2. Develop and implement field maintenance and calibration procedures for weather instruments
3. Advance scientific research for climate change adaptation
4. Improve local and international linkages
5. Enhance human resources and organization development systems

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2015 TARGETS
Safety and resiliency of Filipinos to disaster risks from extreme weather, flooding, storm surge and related events enhanced		
% of 1,504 cities and municipalities (82 provinces) that have robust science-based weather related information and services in their disaster risk reduction plans	100% of 28 provinces	100% of 28 vulnerable provinces by 2016

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2015 Targets
MFO 1: WEATHER, CLIMATE AND FLOOD FORECASTING/WARNING and OTHER RELATED SERVICES	
Number of weather and flood warnings issued	1,920
Average percentage of forecasts of wind and rainfall associated with tropical cyclone that have variance of 20% or less to actual	90%
Percentage of weather and flood warning issued within five (5) minutes variance of scheduled time	90%

K. PHILIPPINE COUNCIL FOR AGRICULTURE, AQUATIC AND NATURAL RESOURCES RESEARCH AND DEVELOPMENT

STRATEGIC OBJECTIVES

MANDATE

The Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development shall formulate policies, plans, programs and strategies for science and technology, as well as, program and allocate government funds generated for R&D efforts for the development of national competence in strategic areas of agriculture, forestry, aquatic and natural resources sectors in the country.

VISION

Sustained dynamic leadership in S&T innovation in the agriculture, aquatic, and natural resources sectors.

MISSION

Provide strategic leadership in promoting S&T as a platform for agriculture, aquatic and natural resources products innovation and environment resiliency.

KEY RESULT AREAS

1. Transparent, accountable, and participatory governance
2. Poverty reduction and empowerment of the poor and vulnerable
3. Rapid, inclusive, and sustained economic growth
4. Integrity of the environment and climate change mitigation and adaptation

SECTOR OUTCOME

Globally competitive and innovative production and knowledge services achieved for the agriculture, aquatic and natural resources (AANR) sectors.

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from science-based know-how and tools for agricultural productivity increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Strategic interventions under the PCAARRD Corporate Plan 2012 - 2016 support the government's commitment under the President's Social Contract
2. Harmonized National R&D Agenda 2013 - 2017
3. Active partnerships with international, regional and national organizations and funding institutions for joint R&D, human resource development and training, technical assistance, and exchange of scientists, information and technologies
4. Resource generation activities
5. Monitoring and Evaluation mechanism

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2015 TARGETS

Widespread benefits to Filipinos from science-based know-how and tools for agricultural productivity increased

% of priorities in the Harmonized R&D agenda addressed

>90% of priorities in the Harmonized R&D agenda addressed

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: AGRICULTURE, AQUATIC AND NATURAL RESOURCES SECTORS RESEARCH AND DEVELOPMENT POLICY SERVICES

No. policy advisories provided	53
Average % of policy advisories rated satisfactory or better	100%
% of policy advisories that have been updated, issued and disseminated within the last three (3) years	13%

MFO 2: RESEARCH AND DEVELOPMENT MANAGEMENT SERVICES FOR AGRICULTURE, AQUATIC AND NATURAL RESOURCES SECTOR

No. of proposals evaluated	275
% of projects recommended for approval that subsequently received funding through the governing council/EXECOM	90%
% of project proposals acted upon within 4 months	100%
No. of ongoing projects monitored	337
% of projects completed in the past four years that are published in recognized journals or utilized in the agriculture, aquatic and natural resources sector	96%
% of monitored projects reviewed within the year	90%

L. PHILIPPINE COUNCIL FOR HEALTH RESEARCH AND DEVELOPMENT

STRATEGIC OBJECTIVES

MANDATE

The Philippine Council for Health Research and Development (PCHRD) shall provide central direction and leadership, as well as, coordination of health S&T efforts. It shall formulate policies, plans, programs, projects, and strategies for health S&T development, as well as, program and allocate government and external fund and monitor R&D projects.

VISION

A nation empowered by research-based knowledge, technologies and innovations in health.

MISSION

To create and sustain an enabling environment for health research in the country:

1. Provide leadership in health research;
2. Advocate and support a health research culture;
3. Mobilize and complement health research resources to generate knowledge, technologies and innovations in health, and ensure their utilization; and
4. Practice good governance to effectively perform the Council's role in leading, managing and coordinating the health research system.

KEY RESULT AREAS

1. Poverty reduction and empowerment of the poor and vulnerable
2. Rapid, inclusive and sustained economic growth

SECTOR OUTCOME

Improved Health Status of the Population.

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific and technological innovations for healthcare increased

PERFORMANCE INFORMATION

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2015 TARGETS
Widespread benefits to Filipinos from scientific and technological innovations for healthcare increased		
% of priorities in the National Unified Health Research Agenda (NUHRA) addressed	80% of Health Technology Development of National Unified Health Research Agenda	>90% of NUHRA priorities addressed
MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2015 Targets	
MFO 1: HEALTH SECTOR RESEARCH AND DEVELOPMENT POLICY SERVICES		
No. policy advisories provided		10
Average % of policy advisories rated satisfactory or better		80%
% of policy advisories that have been updated, issued and disseminated within the last three (3) years		80%

MFO 2: RESEARCH AND DEVELOPMENT MANAGEMENT SERVICES FOR THE HEALTH SECTOR

No. of proposals evaluated	150
% of projects recommended for approval that subsequently received funding through the governing council/EXECON	90%
% of project proposals acted upon within 4 months	90%
No. of ongoing projects monitored	100%
% of projects completed in the past four years that are published in recognized journals or utilized in the health sector	70%
% of monitored projects reviewed within the year	95%

M. PHILIPPINE COUNCIL FOR INDUSTRY, ENERGY AND EMERGING TECHNOLOGY RESEARCH AND DEVELOPMENT (PCIEERD)

STRATEGIC OBJECTIVES

MANDATE

The Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD) shall formulate policies, plans, programs and strategies for science and technology, as well as, program and allocate government funds generated for R&D efforts for the development of national competence in strategic areas of industry, energy and emerging technology research and development.

VISION

The PCIEERD envisions to be recognized for the quality of its people, leadership and performance and contribute to the nation's productivity and competitiveness.

Towards this end, the PCIEERD commits to pursue and make available S&T solutions and innovations to help create and sustain competitive industries, attain energy self-sufficiency, and ensure the efficient and effective use of emerging technologies for the inclusive growth and development of the country, through:

- a well-defined Research and Development (R&D) thrust from innovative idea to technology development and knowledge generation to technology transfer and utilization;
- active engagement of scientists, researchers and engineers in R&D activities;
- strengthened partnerships and significant collaborations with industry, academe and government agencies to complement resources and expertise.

MISSION

To lead and partner with the public and private institutions in generating S&T policies, strategies and technologies that will contribute significantly to national economic development.

KEY RESULT AREAS

1. Rapid, inclusive, and sustained economic growth
2. Integrity of the environment and climate change adaptation and mitigation

SECTOR OUTCOME

Globally competitive and innovative production sectors achieved.

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific knowledge and technological innovations for productivity and competitiveness increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Call for Proposal with specific research areas and range of funding support for identified R&D priority thrusts
2. Newly / updated sectoral roadmaps in consultation with partners and stakeholders
3. Defined work instructions / guidelines and criteria in evaluating project proposals and monitoring of projects

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2015 TARGETS
Widespread benefits to Filipinos from scientific knowledge and technological innovations for productivity and competitiveness increased		
% of priorities in the Harmonized R&D agenda addressed	PCIEERD is still establishing baseline	>90% of priorities in the Harmonized R&D agenda addressed

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2015 Targets
MFO 1: INDUSTRY, ENERGY AND EMERGING TECHNOLOGY RESEARCH AND DEVELOPMENT POLICY SERVICES	
No of policy advisories provided	16
Average % of policy advisories rated satisfactory or better	90%
% of policy advisories that have been updated, issued and disseminated within the last three (3) years	90%
MFO 2: RESEARCH AND DEVELOPMENT MANAGEMENT SERVICES FOR INDUSTRY, ENERGY AND EMERGING TECHNOLOGY	
No. of proposals evaluated	250
% of projects recommended for approval that subsequently received funding through the governing council/EXECOM	90%
% of project proposals acted upon within 4 months	90%
No. of on-going projects monitored	200
% of projects completed within the past four years that are published in recognized journals or utilised by industry	90%
% of monitored projects reviewed within the year	90%

N. PHILIPPINE INSTITUTE OF VOLCANOLOGY AND SEISMOLOGY

STRATEGIC OBJECTIVES

MANDATE

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

VISION

A leading global science and technology institution in helping develop communities safe from and resilient to volcanic eruptions, earthquakes, tsunamis and other related hazards.

MISSION

We provide timely and quality information and services for warning, disaster preparedness and mitigation. This we do through the development and application of technologies for the monitoring and accurate prediction of, and determination of areas prone to volcanic eruptions, earthquakes, tsunamis and other related hazards, and capacity enhancement for comprehensive disaster risk reduction.

KEY RESULT AREAS

Integrity of the environment and climate change adaptation and mitigation

SECTOR OUTCOME

Improved preparedness and adaptive capacities of communities to changing natural systems

ORGANIZATIONAL OUTCOME

Enhanced safety and resiliency of Filipinos to volcanic eruptions, earthquakes, tsunamis and other related hazards.

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Provide highly accurate and timely warning and information
2. Accurate prediction and simulation of geologic phenomena
3. Empower partners to lead in reducing risks from geologic hazards down to the barangay level
4. Enhanced collaboration with stakeholders

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2015 TARGETS

Enhanced safety and resiliency of Filipinos to volcanic eruptions, earthquakes, tsunamis and other related hazards.

Percentage of 1,504 cities and municipalities (82 provinces) that have mainstreamed use of hazard and risk information and warning on earthquakes, tsunamis, volcanic eruptions and related events in their disaster risk reduction plans

PHIVOLCS has no baseline data for the performance target. PHIVOLCS will start collecting data on this starting 2015. The 30% target is just an initial figure. The target maybe revised depending on the result of the data collection on the first year.

>30% (452) of cities and municipalities by 2016

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: TECHNICAL ADVISORY SERVICES FOR GEOLOGIC AND GEOPHYSICAL PHENOMENA

Number of bulletins and warnings issued	As necessary
Percentage of bulletins and warnings where the event follows within the predicted time	80%
Percentage of bulletins and warnings issued within the set standard time	80%
Number of hazards and risk maps, and evaluation report issued	600
Percentage of stakeholders who rated PHIVOLCS products as satisfactory or better	80%
Percentage of hazard and risk maps, and evaluation reports produced according to schedule	80%

MFO 2: DISASTER PREPAREDNESS AND RISK REDUCTION SERVICES

Number of Disaster Risk Reduction (DRR) activities conducted	240
Average number of participants per disaster risk reduction activities	90
Percentage of participants who rated DRR activities as satisfactory or better	80%
Percentage of DRR activities conducted as scheduled	80%

O. PHILIPPINE NUCLEAR RESEARCH INSTITUTE

STRATEGIC OBJECTIVES

MANDATE

The Philippine Nuclear Research Institute (PNRI) shall conduct 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 shall transfer research results to end-users through technical extension and training services.

It shall also operate and maintain nuclear research reactors and other radiation facilities, and regulate activities relative to production, transfer, and utilization of nuclear and radioactive substances.

VISION

The PNRI is an institution of excellence in nuclear science and technology propelled by a dynamic and committed workforce in the mainstream of national development.

MISSION

PNRI contributes to the improvement of the quality of Filipino life through the highest standards of nuclear research and development, specialized nuclear services, nuclear technology transfer and effective and efficient implementation of nuclear safety practices and regulations.

KEY RESULT AREAS

Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

1. Globally competitive and innovative production sectors achieved
2. Resilience of natural systems enhanced with improved adaptive capacities of human communities

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from science-based R&D know-how and tools in safe and secure cutting-edge nuclear and radiation technologies increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Strengthen core competencies in nuclear S&T through the development of centers of excellence
2. Strengthen regulatory effectiveness through an updated regulatory regime and a continuing process of consultations with stakeholders
3. Establish / Upgrade facilities for the efficient conduct of research and delivery of services
4. Enhance public awareness of nuclear safety and peaceful applications of nuclear S&T
5. Implement a comprehensive human resource development program in nuclear S&T and nuclear regulations

6. Establish stronger collaboration with the academe, professional organizations, the private and public sectors through linkages, joint undertakings, and networking
7. Enhance bilateral, regional and international / multilateral collaboration in nuclear S&T
8. Optimize the application of Information and Communication Technology (ICT) for improved PNRI operations, more efficient data access / exchange and stronger national and international linkages
9. Institutionalize an Integrated Management System (IMS) for PNRI operations
10. Increase self-reliance and achieve a high degree of sustainability for the PNRI through the intensification of efforts to market its products and services

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2015 TARGETS
Widespread benefits to Filipinos from science-based R&D know-how and tools in safe and secure cutting-edge nuclear and radiation technologies increased		
% benefit incidence of PNRI services to target local firms and institutions	3,720 - actual number of firms / institutions which availed of PNRI nuclear / radiation technology products / services in 2013.	>10% increase in number of firms and institutions availing nuclear / radiation technology products / services
% benefit incidence of nuclear regulatory services among total establishments that need to comply	95% - average percentage of licensees who comply with PNRI regulations from 2009 - 2013.	>90% of establishments using radiation technology complied with regulatory requirements

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2015 Targets
MFO 1: SCIENTIFIC RESEARCH AND DEVELOPMENT	
Number of R and D programs/projects completed and disseminated	14
Percentage of projects completed in the last five (5) years that are published in recognized media or adopted by the industry	85%
Percentage of project completed within the timeframe in accordance with original project approval	85%
MFO 2: TECHNICAL ADVISORY SERVICES	
Number of technical/consultative services rendered	29,700
Percentage of clients who rate the technical services as satisfactory or better	85%
Percentage of requests for technical assistance that are responded to within two (2) days	85%
MFO 3: NUCLEAR REGULATORY SERVICES	
Number of site inspections	140
Percentage of detected violations that are acted on within five (5) minutes	85%
Percentage of sites that have been inspected more than twice in the last three (3) years	85%
Number of licenses and permits issued	250
Number of violation of regulations detected over the last five (5) years as a percentage of the average number of licenses and permits on issue over the last five (5) years	15%
Percentage of permit or license applications processed within fourteen (14) days of receipt	85%

P. PHILIPPINE SCIENCE HIGH SCHOOL

STRATEGIC OBJECTIVES

MANDATE

The Philippine Science High School (PSHS) is mandated through Section 2 of the Republic Act No. 3661 dated June 22, 1963 to offer, on a free scholarship basis, a secondary course with special emphasis on subjects pertaining to the sciences with the end in view of preparing its students for a science career.

VISION

The PSHS scholar, nurtured by competent faculty and staff, has a scientific mind and a passion for excellence, is dedicated to the service of the country and committed to the pursuit of truth.

MISSION

The PSHS, operating under one System of governance and management, provides scholarship to students with high aptitude in science and mathematics. The PSHS offers an education that is humanistic in spirit, global in perspective and patriotic in orientation. It is based on a curriculum that emphasizes science and mathematics and the development of well-rounded individuals. The PSHS prepares its students for careers in S&T and contributes to nation building by helping the country attain a critical mass of professionals and leaders in S&T.

KEY RESULT AREAS

Poverty reduction and empowerment of the poor and vulnerable

SECTOR OUTCOME

S&T for productivity, innovation, and job creation

ORGANIZATIONAL OUTCOME

Competitiveness of Filipinos in science and engineering increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Provision of quality education through student performance
2. Cultivation of a culture of science through knowledge development
3. Growth and expansion of service delivery
4. Governance through streamlined administration and PAPS management
5. Promotion of culture of science in various communities
6. Sustained development of competitive resources

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2015 TARGETS

Competitiveness of Filipinos in science and engineering increased

Competitiveness ranking of PSHS students in international Scholastics Aptitude Test (SAT)

1,500 SAT score

>1,500 average SAT Score for all PSHS students subjected to ISAT

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: PROVISION OF SPECIALIZED SECONDARY SCIENCE EDUCATION

Number of students supported	5086
Percentage of students graduating within the prescribed years of scholarship period	95%
Release of students stipend within 5 working days from release of NCA	5 days
Number of applicants in the National Competitive Examination (NCE)	22,000
Percentage of K-7 students with a General Weighted Average (GWA) of 2.5 and above by the 2nd Quarter of the school year	85%
Number of days to release test results of NCE qualifiers 5 days after approval by the PSHS System Board of Trustees (BOT)	5 days
Number of policies updated/formulated, programs planned and standards developed to improve students performance	2
Percentage of clients (students) who rate the policies/programs as satisfactory or better	85%
Policies, programs and standards implemented within 15 days from PSHS System BOT approval	15 days

Q. PHILIPPINE TEXTILE RESEARCH INSTITUTE

STRATEGIC OBJECTIVES

MANDATE

The Philippine Textile Research Institute (PTRI) shall conduct applied research and development for the textile industry sector. In fulfilling these, it shall undertake the transfer of completed researches to end-users or via linkage units of other government agencies, as well as, provide technical services and conduct training programs on the concerns of the sector.

VISION

To be the center of excellence on textile science and technology (S&T) development to support the Philippine textile, garment and allied industries in achieving global competitiveness.

MISSION

To support the Philippine textile, garment and allied micro, small, and medium enterprises (MSMEs) achieve global excellence through:

1. the enhancement of human resource capabilities;
2. judicious utilization of fibrous materials and auxiliaries from indigenous sources;
3. development and application of superior processing technologies; and
4. quality assurance.

KEY RESULT AREAS

Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

Globally competitive and innovative production and knowledge services sectors achieved

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific knowledge and technological innovations for the productivity and competitiveness of textile, garment and allied industries and other institutions increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Establish Regional Weaving / Innovation Centers towards the promotion of regional competencies and capabilities for increased textile production in the regions, promoting countryside development in the process
2. Promote sustained manufacturing activities of textile and allied industry partners through enabling technologies towards global competitiveness and by ensuring access to / availability of indigenous and Philippine Tropical Fabric (PTF) materials for the handloom weaving community, textile manufacturers, knitters, processors and those in the allied trades
3. Strengthen and expand research in and development of other materials and their applications (i.e., silk, hyacinth, bamboo, cotton, recycled polyester, composites, non-wovens) utilizing environmentally-sound technologies and methodologies towards self-sustainability and optimized use of natural and available resources
4. Ensure sustained institutional capability through continuous training, study missions and the conduct of joint undertakings with foreign counterparts / institutions

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2015 TARGETS

Widespread benefits to Filipinos from scientific knowledge and technological innovations for the productivity and competitiveness of textile, garment and allied industries and other institutions increased

% benefit incidence of PTRI services among target MSMEs / local firms in textile, garment, allied industries and other institutions

80% of target local firms in the textile, garment, allied industries and other institutions

>90% of target local firms in the textile, garment, allied industries and other institutions

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: SCIENTIFIC RESEARCH AND DEVELOPMENT

Number of R&D programs/projects completed and disseminated	8
Percentage of projects completed in the last five (5) years adopted by the industry or published in a recognized journal	5%
Percentage of projects completed within the time frame in accordance with original project approval	90%

MFO 2: TECHNICAL ADVISORY SERVICES

Number of technical/consultative services rendered	18,000
Percentage of clients who rate the technical services as satisfactory or better	90%
Percentage of requests for technical assistance that are responded to within two (2) days	95%

R. SCIENCE EDUCATION INSTITUTE

STRATEGIC OBJECTIVES

MANDATE

The Science Education Institute (SEI) shall formulate plans and establish 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 shall also undertake science and technology manpower development and administer scholarships, awards, and grants.

VISION

SEI shall develop the country's human resource capacity in science and technology required to produce demand-driven outputs that meet global standards.

MISSION

Accelerate the development of S&T human resources of the country by administering undergraduate and graduate scholarships and advanced specialized trainings; promote S&T culture and develop innovative science education programs.

KEY RESULT AREAS

Poverty reduction and empowerment of the poor and vulnerable

SECTOR OUTCOME

S&T for productivity, innovation, and job creation

ORGANIZATIONAL OUTCOME

Competitiveness of Filipinos in science and engineering increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Administration and implementation of undergraduate and graduate scholarship programs
2. Conduct of trainings on special topics in Science and Mathematics
3. Development of programs on innovative approaches in Science Education
4. Participation in local and international Science and Mathematics competitions
5. Conduct of mentoring and other science promotion programs for the youth
6. Conduct of researches / surveys / studies in Human Resource Development and Science Education

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2015 TARGETS

Competitiveness of Filipinos in science and engineering increased

Undergraduate S&T scholarship democratization improved

There is an increase in the number of municipalities represented from 1,295 in 2013 to 1,443 in 2014. The additional 148 municipalities represents an 11% increase within the period.

Number of municipalities with at least one scholar increased by 10% per year

Graduate scholarship completion improved

Of the 570 scholars who were in final stages of completion of their degrees in 2013, 365 or 64% graduated within the year while of the 363 scholars in 2014, 274 or 75% were able to graduate, a marked 11% increase in the no. of graduates in 2014.

Completion improved by at least 5%

Undergraduate scholarship completion improved	Of the 1,736 scholars in their final year in college, 1,562 or 89.98% were able to graduate in 2013. In 2014, of the 1,236 scholars, a total of 1,102 or 89.16% were able to graduate.	Completion improved by at least 5%
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MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: SCIENCE AND TECHNOLOGY HUMAN RESOURCES DEVELOPMENT SERVICES

No. of scholars supported: Undergraduate level	15,566
No. of scholars supported: Masters program	2,322
No. of scholars supported: Doctoral program	691
Percentage of scholars graduating within scheduled full-time course program: Undergraduate level	70%
Percentage of scholars graduating within scheduled full-time course program: Masters program	40%
Percentage of scholars graduating within scheduled full-time course program: Doctoral program	30%
Percentage of scholarship payments with a variance of actual payment to scheduled payment of more than one day	90%
Number of events facilitated	46
Percentage of stakeholders who rate events as satisfactory or better	90%
Percentage of events that commence within thirty (30) minutes of scheduled time	90%
Number of trainings provided/conducted	16
Percentage of stakeholders who rate trainings as satisfactory or better	90%
Percentage of training events that commence within thirty (30) minutes of scheduled time	90%

S. SCIENCE AND TECHNOLOGY INFORMATION INSTITUTE

STRATEGIC OBJECTIVES

MANDATE

The Science and Technology Information Institute (STII) shall take the lead in information science and technology training. It shall also establish and maintain a science and technology databank and library, and disseminate science and technology information.

VISION

A globally recognized center for Science and Technology information dedicated to the empowerment of the nation's key sectors that contribute to the improvement of the Philippine society.

MISSION

1. To make timely, relevant and quality Science and Technology Information accessible through resource-sharing, networking, broader and faster delivery systems;
2. To keep the various stakeholders updated on local and international Science and Technology developments; and
3. To promote public awareness, understanding and appreciation for Science and Technology and its role in development

KEY RESULT AREAS

Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

1. Globally competitive and innovative production and knowledge services sectors achieved; and
2. Improved preparedness and adaptive capacities to changing natural systems

ORGANIZATIONAL OUTCOME

Public science and technology awareness increased

PERFORMANCE INFORMATION

KEY STRATEGIES

Public Science and Technology awareness increased

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2015 TARGETS

Public science and technology awareness increased

% increase in public S&T awareness survey

For 2014, an internal survey will be conducted as baseline data for 2015. For 2015, an outsourcing company will be hired to conduct the said survey and every 3-5 years thereafter.

>5% improvement in public S&T awareness

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: SCIENCE and TECHNOLOGY INFORMATION SERVICES

Number of clients served	287,808
Percentage of clients who rate the service as satisfactory or better	90%
Percentage of inquiries where reference materials were provided within five (5) minutes	90%
Number of promotion services rendered	547
Percentage of clients who rate the service as satisfactory or better	90%
Percentage of services rendered monthly	90%

T. TECHNOLOGY APPLICATION AND PROMOTION INSTITUTE

STRATEGIC OBJECTIVES

MANDATE

The Technology Application and Promotion Institute (TAPI) shall be the implementing arm of the DOST in promoting the commercialization of technologies and in marketing the services of the other operating units in the DOST.

VISION

A strategic partner in advancing national socio-economic growth by advocating a culture of innovation and promoting globally-competitive and useful technologies.

MISSION

TAPI shall promote an effective and efficient innovation system towards the adoption and utilization of inventions, innovations, and services.

KEY RESULT AREAS

Rapid, inclusive, and sustained economic growth

SECTOR OUTCOME

Globally competitive and innovative production and knowledge services sectors achieved

ORGANIZATIONAL OUTCOME

Filipinos protecting and venturing for innovative and emerging technology-based projects increased

PERFORMANCE INFORMATION

KEY STRATEGIES

Provide technical, financial and consultancy services to Science and Technology stakeholders

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)	BASELINE	2015 TARGETS
Filipinos protecting and venturing for innovative and emerging technology-based projects increased		
Percentage of applications for patenting assistance approved	No. of assistance provided - 60	>90% of patent assistance applications approved for financial support
Percentage of technology venture financing project proposals approved	No. of project proposals received / evaluated - 30	80% of technology venture financing project proposals assessed and supported
	No. of projects approved - 10	

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)	2015 Targets
MFO 1: TECHNICAL ADVISORY SERVICES	
Quantity - No. of technical advisory services rendered	
No. of technical advisory services rendered	500
Quality - % of clients who rate the technical services as satisfactory or better	
% of clients who rate the technical services as satisfactory or better	95%
Timeliness - % of requests that are acted upon within 3 days of request	
% of requests that are acted upon within 3 days of request	95%