

DOST 1 2013 ACCOMPLISHMENT REPORT

Executive Summary

The performance/ accomplishments of the Department of Science and Technology Region 1 in 2013 dovetail to the overall societal goal of the present administration, inclusive growth and poverty alleviation.

As a response to the call for rapid, inclusive and sustained economic growth, a package of innovation system support were given to 70 small and medium enterprises (SMEs) enabling them to significantly improve productivity and competitiveness indicated in leaps in gross sales reaching to about P274 M and generate employment for 369 persons.

S&T services such as testing and calibration, product labeling and packaging, technical assistance and consultancy services, technology training and technology clinic/fora were given to 1,719 business firms which maintained or improved their process efficiencies and business competitiveness.

DOST'S efforts likewise responded to the needs of the times to improve the integrity of the environment and climate change adaptation and mitigation. In 2013, 18 water level monitoring systems and 36 automatic rain gauges were installed along the Agno river in Pangasinan and in other sites in region 1. The local chief executives and the DRRMOs of the LGUS were informed of the project NOAH (Nationwide Operational Assessment of Hazards). The initiatives enhance the flood forecasting and monitoring capability of DOST-PAGASA and the concerned LGUs and in coming out with appropriate mitigation strategies and action plans.

Among the S&T interventions to reduce poverty of the poor and vulnerable included S&T scholarships for deserving students under the RA7689 Scholarship and Merit Programs. In 2013, DOST assisted 149 new college scholars from region 1. On the other hand, a total of 204 college scholars were continuously assisted by DOST.

Under the Community Empowerment thru Science and Technology Program, DOST 1 focused its technology and innovation support in barangays Tagudtod, Libbo and Dagup in identified poorest of the poor community in La Union, the municipality of Bagulin. The interventions in 2013 covered health and nutrition, water and sanitation, education, and livelihood/economic enterprise development:

- The complementary food feeding program reduced the incidence of malnourished children from 105 to 30 (28%). On the other hand, the use of ovicidal larvicidal (OL) trap reduced the incidence of dengue by 76%.
- The introduction of water disinfectant resulted in 100% water potability. Likewise, a water distribution system ensured the 133 households or 60% of the total households in the upper part of the barangay a sustainable water supply anytime of the year.
- The interventions on education for elementary schools and high schools in the three barangays improved the pupils' performance. Dagup Integrated School

attributed its tremendous leap in its National Achievement Test (NAT) performance from Rank 79 in 2012 to Rank 9 in 2013 in the whole Division of La Union and the decrease in the absenteeism and tardiness of elementary school pupils to these interventions.

- To spur livelihood development, trainings on Banana/Camote Chips Making, Organic Farming thru Vermicomposting, Santol Processing and Bignay Wine Making were conducted for the 3 barangays attended by 197 participants. All the barangays adopted vermicomposting. The Kalipunanng Liping Pilipina (KALIPI), sustained the production of banana chips and bignay wine, while Ms. Jona Ayaoan of Barangay Dagup continued the banana chips making. Libbo Farmers' Association pursued bignay wine making. A starting ginger tea (salabat) maker from Barangay Tagudtud has sought DOST's assistance on label design and packaging.
- To improve production efficiency, three (3) units of Tiger Grass Seed Remover Convertible into Rice Thresher and one (1) unit pole maker machine were provided as common service facilities for the broom makers in the 3 barangays

Under the Nationwide Initiative for Dengue Vector Surveillance program, DOST 1 trained 1,473 personnel of DepEd and DOH on the installation of OL trap kits and in navigating the DVS website. In 2013, 2,712 public and elementary schools received 52,892 OL traps.

There were several exhibits and events conducted or participated by DOST 1 in 2013. These are the Regional Inventions Contest and Exhibits (RICE), the National Science and Technology Week National S&T Fair, and the Northern Luzon Cluster Science and Technology Fair. There were 83 contestants that participated in the RICE. All the fairs featured products from SETUP-assisted firms. Technology fora and other S&T related events were also conducted as additional features of the fairs/exhibitions

DOST 1's performance /accomplishments were delivered through its human resources composed of 66 staff, comprising 23 permanent and 43 job orders, supported with financial resources amounting to PhP 97,550,557.

PART I. KEY RESULTS AREAS OF THE PRESENT ADMINISTRATION

I. RAPID, INCLUSIVE AND SUSTAINED ECONOMIC GROWTH

A. INNOVATION SYSTEM SUPPORT

Small Enterprise Technology Upgrading Program

For CY 2013, a total of 37 firms were assisted under the Small Enterprise Technology Upgrading Program (SETUP) Innovation System Support, 8 of them are continuing from 2011 and 2012. A total of 144 interventions, that included provision of production equipment, technical assistance and consultancy, training, and product packaging and labeling, were provided to the firms to improve their productivity and product quality,

with an investment of PhP 29,862,713. Of the 37 businesses, 12 or 32.43% are engaged in food processing, eight (8) or 21.62% are into furniture manufacturing including one (1) community-based association, 13 (35.14%) are in metals and engineering works, two (2) or 5.41% in agriculture/horticulture production, one (1) undertaking Gifts and Holiday Decors, and one (1) in the printing services in support to product packaging. These interventions posted an average improvement in productivity of all firms assisted in the region at 18.84%.

On the other hand, the total investment from the DOST 1 Regional Grants-In-Aid (GIA) is PhP 9,924,342 for the 33 micro enterprises that were provided with 126 interventions to enhance their operations and become competitive in the market. Four (4) of these firms were continuing from 2012. Of the 33 firms, 20 or 60.61% are in food processing and related areas, two (2) of them are community-based organizations, five (5) or 15.15% are furniture makers, two (2) or 6.06% are printerries and six (6) or 20% are metal shops. An average improvement in productivity across all GIA-assisted firms was reported at 16.27%.

The gross sales generated by all the SET-UP assisted businesses in the region reached to PhP 273,902,769.00 since 2009, with Pangasinan sharing the biggest at 54.16%, followed by Ilocos Sur at 25.15%. Meanwhile, a total of PhP 95,500,666.00 in gross receipts were earned by all micro-enterprises provided with Regional GIA assistance during the same period. Pangasinan and Ilocos Sur had the biggest shares at 41.72% and 31.89%, respectively.

On employment generation, a total of 369 persons were employed during the year by all assisted firms under SET-UP and Regional GIA, with Pangasinan sharing the highest at 57.18% and La Union with 27.64%.

The average Customer Satisfaction Rating given by all the assisted firms for the year was 4.93 or EXCELLENT.

S&T Services

1. Testing and Calibration Services

The DOST 1 Regional Standards and Testing Laboratory (RSTL), with its upgraded ISO 17025 Certified Chemistry and Microbiology Laboratories and the operation of the Regional Metrology Laboratory, posted an increase of 17.07% in testing and calibration services from 8,035 in 2012 to 9,689 in 2013, serving a total of 2,720 clients/customers representing 1,229 firms. Moreover, the income generated for the government from the services provided was recorded at PhP 3,324,116.00, an increase of 13.11% from the previous year.

Testing and analysis focused on potability of drinking water, nutritional content of food products and wastewater, being an accredited laboratory by the DENR-MGB. Towards the end of 2013, the RSTL applied for accreditation to the Food and Drugs Administration (FDA).

The Customer Satisfaction Rating for the services of the RSTL is 96.45 or equivalent to EXCELLENT.

2. Labeling and Packaging Services

Twenty-seven (27) label designs were completed for 21 firms (5 for SET-UP, 13 for Regional GIA and 9 other firms) for this year. Moreover, another 22 are on-going at various stages of the design process for 16 firms.

A total of 50 additional markets were reported by all firms assisted with label design and packaging, generating an aggregate increase in income of Php 11,109,963.00, higher by 63.48% reported in 2012.

The services provided earned a Customer Satisfaction Rating of 4.89 or equivalent to EXCELLENT.

3. Technical Assistance and Consultancy Services

A total of 182 firms were provided with technical assistance and consultancy services in 2013. Among them, 15 or 8.24% were assessed for Cleaner Production, 17 or 9.34% were audited for their Energy Management system, 19 or 10.44% were assessed for their Food Safety compliance and Good Manufacturing Practices, and 6 or 3.30% were provided with assistance on equipment design and improvement.

Moreover, 41 firms or 22.53% were assisted through the 27 engagements from the DOST Research and Development Institutes (RDIs), and another 84 firms or 46.15% were provided with assistance through the technical expertise of the Provincial S&T Centers.

Among the DOST RDIs providing continuous support to the region are ITDI, FPRDI, MIRDC, FNRI for the priority areas of SET-UP and GIA, and ASTI and PAGASA for this year's Hydromet Project.

For all the services rendered, a 4.88 Customer Satisfaction Rating was recorded or equivalent to EXCELLENT.

4. Technology Trainings and Techno Clinics/Fora

A total of 51 trainings were conducted for this year for 287 firms representing 1,318 participants.

On the other hand, DOST 1 was able to undertake a total of 23 technology clinics/fora for 133 firms out of 1,427 participants.

The participants rated the conduct of both activities at 4.64 or equivalent to EXCELLENT.

II. INTEGRITY OF THE ENVIRONMENT AND CLIMATE CHANGE ADAPTATION AND MITIGATION

A. Deployment of Hybrid Weather Monitoring Stations in Region 1

The Advanced Science and Technology Institute (ASTI), in cooperation with PAGASA, and the local government units initiated the project to enhance our capability in flood monitoring and forecasting, through the deployment of water level monitoring stations (WLMS) and automatic rain gauges (ARGs) within the areas covered by the 18 major river basins of the country. For Region 1, focus is in the Agno River Basin.

For 2013, 36 sites all around the region have been validated and approved by PAGASA. A total of 18 WLMS and 36 ARGs were installed in identified sites along the Agno River and other sites in La Union, Ilocos Sur and Ilocos Norte.

B. Project NOAH Information and Education Campaign

With funding from STII, a one-day information and education campaign was implemented in the region and attended by 219 participants representing the local chief executives and DRRMOs of local government units all over the region.

III. POVERTY REDUCTION AND EMPOWERMENT OF THE POOR AND VULNERABLE

A. Science and Technology Scholarship Programs

1. RA 7687 Scholarship and DOST Merit Scholarship

A total of 170 graduating high school students qualified for scholarship for AY 2013-2014, or 17.44% out of a total of 975 examinees from all over the region. Of this, 154 or 90.59% qualified for the RA 7687 Scholarship Program and 16 or 9.41% under the DOST Merit Scholarship Program.

Only 138 students or 81.18% (127 under RA 7687 Scholarship or 92.03% and 11 under Merit Scholarship or 7.97%), however, availed of the scholarships. The rest either deferred, undecided, not reported or not availing at all. As to study placement, 84 out of 127 scholars availing of the RA 7687 Scholarship or 66.14% enrolled in Region 1 while the rest

went to CAR, NCR and Regions 2, 3 and 4A. On the other hand, none of the 11 Merit scholars enrolled in Region 1 but in NCR (81.82%) and Region 4A (18.18%).

As of the Second Semester of AY 2012-2013, there are 203RA 7687 and 1 Merit on-going scholars that are continuously assisted by the DOST Regional and Provincial Offices.

Thirty-five (35) DOST scholars graduated this school year, eight (8) of them or 22.86% graduated with honors.

DOST Region 1, with the support and cooperation of the Philippine Science High School – Ilocos Region Campus, conducted an enrichment program for 48 graduating students from secondary schools with no DOST scholars, but took special consideration for the schools covered under the Community Empowerment thru Science and Technology (CEST) program.

The scholarship services garnered a Customer Satisfaction Rating of 4.87 or equivalent to EXCELLENT.

2. PSHS Scholarship

A total of 504 graduating elementary pupils from all over the region were assisted by the DOST PSTCs in their application for the PSHS Scholarship Program: 225 from Ilocos Norte (44.64%), 6 from Ilocos Sur (1.19%), 50 from La Union (9.92%) and 223 from Pangasinan (44.25%).

B. Community Empowerment thru Science and Technology (CEST) Program

Three (3) barangays (Tagudtud, Dagup and Libbo) of Bagulin, a 5th class municipality in the Province of La Union, were the focus of S&T interventions for this year under the program, in the areas of: (1) health and nutrition; (2) water and sanitation; (3) education; (4) livelihood; and (5) hazard mitigation with a total investment of Php1,396,936.

The main economic industry of these barangays is the production of soft broom made from tiger grass. Aside from rice production, wild berries like bignay and other tropical fruits also abound.

1. Health and Nutrition

A. Complementary Food

Complementary food feeding was done using the rice-mongo (RIMO) Blend and RIMO Curls produced by LonglivePharma, a SETUP-assisted firm in Pangasinan. With the assistance of the school officials of Tagudtud Elementary School, Dagup Integrated School and Libbo Elementary School, together with the Barangay Nutrition Scholars in

the 3 barangays, 68 underweight children aged 0 to 5 years old and 37 children aged 5 to 8 years old were fed for 120 days as recommended by FNRI-DOST.

Results showed that the feeding program was very effective. For the 0 to 5 years old, the feeding elevated 46 of the children or 67.65% to normal status and 10 or 14.71% in the borderline, leaving only 12 or 17.65% still undernourished. Meanwhile, 29 out of the 37 children aged 5-8 years old or 78.38% were already in the normal level after the feeding period, with the rest in the borderline status.

B. OL Trap

In 2012, a total of 25 dengue cases with 1 death were reported from the 3 barangays, majority of the cases (56%) came from Barangay Tagudtud.

As part of the control measures to prevent the incidence of the dengue virus, DOST Region 1 provided 444 Ovicidal Larvicidal (OL) Traps to a total of 222 households in cluster in the 3 barangays, tapping the assistance of the Barangay Health Workers in the installation and weekly monitoring of the OL traps.

For 2013, only six (6) dengue cases were reported and without any casualty, equivalent to 76% control in the incidence of dengue fever compared to last year.

2. Water and Sanitation

A. Access to Potable Water

Before the project, the sources of drinking water of the people are 100% contaminated with E. coli, coliform and plate count as revealed by results of the potability tests conducted by the RSTL. Cases of water-borne sickness and diseases in the barangay, however, were not reported to the Barangay Health Unit.

With the availability of water disinfectant, Hyposol, produced by LonglivePharma from Pangasinan, the next round of laboratory tests on water samples collected from the same sources taken initially and treated, revealed that the water is 100% potable.

Distribution of Hyposol to all households, including Barangay Health Centers and schools was undertaken for the meantime that the production of the ceramic pot water filter is still on-going.

B. Water Distribution System

A water distribution system, consisting of a 10 hp electric motor and pump, cable and distribution hose, was installed along the river 250 meters below Barangay Tagudtud to provide a sustainable water supply to the community at any time of the year.

The system benefits 133 households or about 60% of the total households located in the upper part of the barangay where water becomes scarce and very limited during the dry season.

3. Education

A. S&T Scholarship

Through the Enrichment Program to Enhance the Quality of Feeders to S&T Human Resource Development in Region 1, DOST conducted a second round of review for 48 graduating high school students with the support and cooperation of the Philippine Science High School – Ilocos Region Campus. Twenty-five (25) students or 52% are from the 5 schools in Bagulin, 10 of them (40%) specifically coming from Tagudtud National High School and Dagup Integrated School.

LGU Bagulin shouldered the students' transportation to and from the DOST Regional Office where the review was conducted for four (4) consecutive Saturdays.

B. Access to relevant, up-to-date S&T information

To complement the learning process, DOST Region 1 provided a package of education interventions comprising of STARBOOKS (S&T Academic and Research-Based Openly Operated Kiosk Station), computer set with printer and LCD projector with screen to Tagudtud National High School and Dagup Integrated School-High School Department. These audio-visual equipment and materials are not only used by the schools but also by the community during meetings and occasions for information dissemination programs/advocacies and wider interaction. A STARBOOKS unit was also provided to the Suyo National High School.

For the elementary schools of the 3 barangays, the project provided learning modules and computer application in science and mathematics, computer with printer, TV set and home theater system.

Dagup Integrated School attributes these interventions to its tremendous leap in its National Achievement Test (NAT) performance from Rank 79 in 2012 to Rank 9 in 2013 in the whole Division of La Union. Likewise, it attributes the presence of learning modules shown

on TV and home theater system to the significant decrease in the absenteeism and tardiness of elementary school pupils.

4. Livelihood/Economic Enterprise Development

In coordination and support of the Don Mariano Marcos Memorial State University (DMMMSU), trainings on Banana/Camote Chips Making, Organic Farming thru Vermicomposting, Santol Processing and Bignay Wine Making were conducted for the 3 barangays, attended by a total of 197 participants.

All the barangays adopted vermicomposting and are presently rearing the African Night Crawler from the stock provided by DMMMSU. The Kalipunang Liping Pilipina (KALIPI), on the other hand, sustained the production of banana chips and bignay wine, while Ms. Jona Ayaoan of Barangay Dagup continued the banana chips making and the Libbo Farmers' Association pursued bignay wine making. As an offshoot of the trainings, a starting ginger tea (salabat) maker from Barangay Tagudtud has sought DOST's assistance on label design and packaging.

On the other hand, three (3) units of Tiger Grass Seed Remover Convertible into Rice Thresher powered by a 5-hp gasoline engine, and one (1) unit pole maker machine were provided as common service facilities for the broom makers in the 3 barangays.

5. Hazard Mitigation

Benchmarking activities is currently being undertaken in preparation for the installation of a water level monitoring station at the river area.

C. Nationwide Dengue Vector Surveillance

A total of 1,473 personnel from the 13 Division Offices of the Department of Education in the whole region, composed of District Supervisors, School Nurses, Principals, and Science Teachers, and representatives from DOH (RHU/CHO) were oriented and trained on the installation of the OL trap kits and the schedules of delivery and distribution of the kits in their respective schools and areas of jurisdictions.

As of end of December 2013, 2,712 schools have already received 52,892 OL traps. Almost half of them (48.23%) have already installed the traps and the school coordinators concerned are already reporting the set-up to the DVS website. Moreover, out of the 2,916 schools to be distributed with OL traps, 1,217 or 41.73% have already been mapped in the website.

PART II. GENERAL ADMINISTRATION AND SUPPORT SERVICES OF THE DOST REGIONAL OFFICE

HUMAN RESOURCE MANAGEMENT AND ADMINISTRATION

A. HUMAN RESOURCE DEVELOPMENT PROGRAM

Following is the matrix of trainings attended by the staff of DOST Region 1 in CY 2013.

Name of Staff/Position	Training Attended	Date
ARMANDO Q. GANAL Chief SRS/ARD for Technical Operations	2013 International Conference on Smarter Cities	Nov 14-15, 2013
	National Forum on Innovation, Productivity and Business Excellence in the Private Sector	Nov 13, 2013
	CY 2013 National Conference on DOST's Programs	Oct 25, 2013
	Strategic and Critical Thinking	Mar 21-22, 2013
PAULINA P. NEBRIDA SSRS - Tech. Division	Seminar-Workshop on Biofactories	March 15, 2013
	Training for Designated Writers of Press Release cum Press Relations Officer of DOST-I	February 15, 2013
	Training on Results-Based Monitoring	February 11-12, 2013
RACQUEL M. ESPIRITU SRS II - Tech. Division	Migration to Government Website Template Training	Dec. 2-6, 2013
	Strategic Project Monitoring/Evaluation Approaches	October 17-18, 2013
	Training on Conducting Cleaner Production Assessment	September 24-26, 2013
	Training for Designated Writers of Press Release cum Press Relations Officer of DOST-I	February 15, 2013
MICHAEL JOHN C. MAQUILING SRA- Tech. Division	Disaster Risk Reduction Training	December 10-12, 2013
	Mid-Implementation Reorientation and Refresher Training for Regional Coordinators and Project Assistants of the Nationwide Dengue Vector Surveillance Project	December 5, 2013
	Migration to Government Website Template Training	December 2-6, 2013
	Training on S&T Information Management	November 4-8, 2013
	Hybrid AWS Stakeholder's Workshop	October 17, 2013

	Regional Summit on Disaster Risk Reduction and Management for LCEs in Region 1	August 29-30, 2013
	Early Warning System: Project NOAH (Resource Speaker)	August 29, 2013
ANGEL LYN ORTIZ SRA- TSD	GAD Planning & Budget Forum	November 7, 2013
	Regional Training Workshop on Research Upgrading and Performance Evaluation	October 17, 2013
	Seminar on Utilization of Social Media in Disaster Management for Government Information Officers and Media	August 5, 2013
	Seminar on Packaging and Labeling Design	February 26, 2013
	Training for Designated Writers of Press Release cum Press Relations Officers of DOST 1	Feb 15, 2013
	Training Course on Developing Skills in Documenting Change: Introduction to Principles and Methods on Process Documentation	Jan 21-24, 2014
JONATHAN M. VIERNES PSTD-Ilocos Norte	Orientation on Results Based Management and Monitoring and Evaluation and Dev't. of DOST GAD Framework	April 10-12, 2013
	Training on Calibration of Electronic Balances, Platform Balances, Bench Type Weighing Scales and Test Weights	Feb. 14-15, 2013
BENJAMIN S. MERCADO, JR. SRS II - Ilocos Norte	Workshop on Technical Report Writing	April 23-25, 2013
	ARG-WIMS Installation and Maintenance Training	February 26, 2013
GERALD Q. GABRIEL SRS I - Ilocos Norte	Training on Label and Packaging	December 6, 2013
	Training on Productivity and Quality	November 25-26, 2013
	Regional Training Workshop on Research Upgrading and Performance Evaluation	October 16, 2013
	Financial Management Training	August 15-16, 2013
	Training on Designated Writers of Press Release cum Press Relation Officers of DOST I	February 15, 2013
	Calibration of Electronic	February 14-15, 2013

	Balances,Platform Balances, Bench Type Weighing Scales and Test Weights	
JAHMAI O. GRANDE SRA - Ilocos Norte	Training on Label and Packaging	December 6, 2013
	Training on Productivity and Quality	November 25-26, 2013
	Regional Training Workshop on Research Upgrading and Performance Evaluation	October 16, 2013
	Financial Management Training	August 15-16, 2013
	Food Safety Training and Seminar	May 28-29, 2013
	Calibration of Electronic Balances,Platform Balances, Bench Type Weighing Scales and Test Weights	February 14-15, 2013
RAMON S. SUMABAT PSTD-Ilocos Sur		
ARTHUR AUBREY R. ALVIAR SRS I - Ilocos Sur	Seminar-Workshop on Basic Management Course	September 4-5, 2013
	Seminar on Packaging and Labeling Design	February 26, 2013
ISMAEL D. GURTIZA PSTD-La Union Head, Metrology Lab	Workshop on Preparation of ISO 17025 for accreditation	July 2-5, 2013
EDISON M. ACOSTA SRS I - La Union	Disaster Risk Reduction Training	December 10-12, 2013
	Food Safety Team Bench Training	November 18-22, 2013
	Training on Hybrid AWS Project Stakeholders Workshop	October 17, 2013
	Training on Uncertainty of Dimensional Metrology	Sept. 30-October 1, 2013
	Technical Lecture & Hands-on Training for Mass Comparator	
	Dimensional Metrology – Basic Measurement	January 23-25, 2013
ARNOLD C. SANTOS SRS II - Pangasinan I	Training on the installation and Maintenance of ARG and WLMS	February 26, 2013
	Calibration of Electronic Balances, Platform, Bench type and Test Weights	February 14-15, 2013
JULIAN R. VIRAY SRS I - Pangasinan I	Calibration of Electronic Balances,Platform Balances, Bench Type Weighing Scales and Test Weights	February 14-15, 2013
FLOGILEANE M. BARIZO SRA - Pangasinan I	Training on Conducting Energy Audit	February 19-21, 2013
	DOST-I Mediacore Training	February 15, 2013
FELICIDAD M. GAN OIC-Pangasinan II	Training/Awareness on Energy Audit	July 24-25, 2013

	Awareness Training on Packaging and Labelling	February 26, 2013
MARLON R. ORPILLA SRS I- Pangasinan II	Blacksmithing	August 6-8, 2013
	Metal Etching	May 28-30, 2013
	Heat Treatment	May 20-22, 2013
JOSEPH E. CAJOTE SRA - Pangasinan II	Smithery/Blacksmith	August 6-8, 2013
EMMANUELLE P. GARCIA SRA - Pangasinan II	Awareness Training on Energy Audit	July 24-25, 2013
OSCAR G. RIMANDO Chief Admin. Officer	Seminar-Workshop on Enhancing Competencies of Human Resource Management Practitioners	October 21-23, 2013
	2013 HR Symposium on Performance Management in the Philippines: Strategies and Breakthroughs	July 17-18, 2013
	DOST Financial and Admin. Officers Consultative Assembly for 2013 and Orientation on Financial Monitoring System	February 7-8, 2013
NIDA P. CLAVERON AO V – Supply Officer	Philippine Government Electronic Procurement System (PhilGEPS) VI.1 Training for Buyers	September 26-27, 2013

ADMINISTRATIVE SUPPPORT SERVICES

A. FINANCIAL MANAGEMENT

The operation of DOST Region 1 revolved within its 2013 budget amounting to Php 97,550,557, broken down into Php 46,047,236 from the General Appropriations Act and Php 51,503,321 generated from other sources. The specific amounts of the 2013 budget are as follows:

ASTI	PhP 685,944
DOST-CO (SETUP)	36,484,229.42
GAA	46,047,236
PCHRD	378,208.5
PCIEERD	766,822
SEI	13,031,117.08
TAPI	157,000
TOTAL	PhP 97,550,557

B. HUMAN RESOURCES MANAGEMENT

For CY 2013, DOST Region 1 had a total manpower complement of 66 staff, comprising of 23 permanent and 43 job orders, distributed to the Technical Services and Administrative Services Division, as of end of December.

MAJOR EVENTS AND EXHIBITS

A. REGIONAL INVENTION CONTEST AND EXHIBIT IMPLEMENTED

The 2013 Regional Invention Contest and Exhibits (RICE) was conducted at and co-hosted by the Philippine Science High School – Ilocos Region Campus in San Ildefonso, Ilocos Sur, last June 24-28, 2013.

A total of 83 entries participated in the contest: 2 for Utility Model, 8 for Creative Research; 6 for Sibol College and 67 for Sibol High School, from all over the region. The “Honey Extractor Machine” from the Don Mariano Marcos Memorial State University-Mid La Union Campus, City of San Fernando won in the Utility Model Category while the “Briqueetting Technology” from Don Mariano Marcos Memorial State University-Mid La Union Campus, City of San Fernando won the Creative Research award. On the other hand, the “Mini Jaw Crusher” from Don Mariano Marcos Memorial State University-Mid La Union Campus, City of San Fernando won the Sibol Award for College and “Multi-Purpose Table for Photographic Silkscreen Stencil Making from Juan G. Macaraeg National High School, Binalonan, Pangasinan won the Sibol Award for High School.

Moreover, there were additional features during the fair, as follows:

- five interactive S&T exhibits were set-up by the Philippine Foundation for Science and Technology (PFST)
- Participation of 18 micro, small and medium enterprises (MSMEs) to sell and promote their products
- 17 fora on various technologies were discussed for 113 firms representing 1,353 participants
- Seminar on Invent School Program participated by 40 participants from 10 schools nationwide
- Forum and usability testing of computer-based module on Learning English Applications for Pinoys (LEAP) participated by 29 teachers and 29 students from a total of 28 high schools and colleges.

B. S&T FAIRS IMPLEMENTED/PARTICIPATED

DOST Region 1 participated in the National Science and Technology Week (NSTW) celebration held last July 22-27, 2013 at the SM Mall of Asia, through the exhibition of products of SETUP- and Regional GIA-assisted firms, and other events.

Moreover, the 2013 Northern Luzon Cluster Science and Technology Fair and Exhibits was held at the Benguet State University in La Trinidad, Benguet on September 30-october 4, 2013. DOSTCAR led the S&T Fairtogether with Regions 1 and 2. DOST 1 displayed in the Centerpiece products from 12 SETUP assisted firms.

A total of 16 business enterprises from the region were invited to participate and promote their products during the one-week fair which showcased new and

matured technologies generated by the research and development institutes and councils of the DOST System, as well as technologies generated by its partner SUCs, consortia and other institutions.