



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 in Central Visayas.

MISSION - DOST 7 shall be the 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 in Central Visayas.

The Department of Science and Technology Region VII, an ISO 9001:2008, Quality Management System certified organization, is the lead agency in promoting science, technology and innovation, as well as DOST’s programs and projects in the Central Visayas area. The major programs, projects and services implemented/rendered include: Technology Transfer & Commercialization, Packaging & Labeling, Consultancy, Trainings, and Testing & Calibration Services and other S&T Support Services. For 2017 our department’s banner is Science for the People.

Technology Transfer and Commercialization

Small Enterprise Technology Upgrading Program (SETUP)



The Department of Science and Technology’s (DOST) Small Enterprise Technology Upgrading Program (SET-UP) is a nationwide strategy encouraging and assisting SMEs to adopt technology innovations to improve their operations and thus boost their productivity and competitiveness.

SETUP mainly deals with technology transfer, assessment and commercialization and also offers packaging and labelling services, trainings, consultancy, testing & calibration and innovation system support funds to help business commercialize the technology.

From January – December 2017, **518** Micro, Small and Medium Enterprises (MSMEs) received **585** S&T interventions. These interventions generated an employment of **2,377**, **P320M** total gross sales from assisted firms, and **25%** average improvement in productivity per firm. Under the SETUP, **48** firms were provided Innovation System Support Funds (ISSF) amounting

to **P50.2M**. The technology interventions extended by DOST 7 include technologies on food drying, meat processing, food processing, fish processing, baking, roasting, packaging, agriculture, dyeing, aquaculture, furniture production, lumber drying, and waste management among others.

Regional Grant-in-Aid (RGIA) Projects



Vermi-composting facility. This provides natural fertilizer for the entire farm. It produces about 12,000 pesos/month of fertilizer.

The Grants-In-Aid (GIA) Program of the Department of Science and Technology (DOST-GIA) aims to harness the country’s scientific and technological capabilities to spur and attain sustainable economic growth and development. Through the funding of relevant science and technology (S&T) undertakings, the GIA program aims to contribute to productivity improvement and quality of life of Filipinos by generating and promoting appropriate technologies.

It encourages participation of various S&T sectors particularly in research and development (R&D), promotion, technology transfer and utilization, human resources development, information dissemination, advocacy, and linkages. For 2017 about **21** projects were approved and implemented

Packaging and Labeling Services



DOST VII assisted **67** firms with the provision of **95** S&T interventions such as package label designs and nutrition information assistance.

Consultancy Services



From January – December 2015, MPEX/CAPE/CPT/Energy Audit consultancy program assisted **49** firms and Food Safety Program improved **11** firms in the region.

Technology Training



The technology training program of DOST 7 deployed experts to provide **160** technology trainings to assist SMEs in human resource development on key production and other related areas with **4,843** participants from **1,233** firms.

Testing and Calibration Services



DOST 7 RSTL provides Testing and Calibration services to industries including MSME’s, academe, other government agencies and individuals in Regions 7 and other regions. DOST 7 RSTL contributes to MSME Competitiveness by providing testing and calibration services to

MSMEs such that their products meet quality requirements and in case of the food industries, tests to check the safety of food products and establishment of Nutrition information.

DOST 7 RSTL in collaboration with Project: “One Laboratory Services for Global Competitiveness” was able to serve **2,450** clients with **1,084** no. of firms assisted and conducted **9,416** no. of testing/calibration services, generating an income of **P 6,766,169.00**

The performance of the laboratory was enhanced with the projects: “One Laboratory Services for Global Competitiveness” and “Strengthening the Regional Metrology Laboratory Services” which provide resources for additional laboratory personnel, acquisition of new and replacement of worn-out equipment. Moreover, the projects help out the laboratories for maintaining the ISO/IEC 17025 Laboratory Accreditation.

Other S&T Support Services and Special Projects



Scholarship

DOST 7 scholarship program implemented the S&T scholarship that promotes global academic excellence. For school year 2017-2018 about **1,121** scholars had been monitored who availed the program. Last October 15, 2017, **5,217** examinees took the DOST-SEI Undergraduate S&T Scholarship Program and the result will be out sometime on March 2018. For the 2017 Junior Level Science Scholarship (JLSS) Program, 750 took the examinations and **413** or **55%** passed. In recognition of our outstanding graduates, a tribute was organized to gather the scholars in the region who graduated with academic honors entitled “A Toast to Excellence” DOST 7 produced **2** Summa Cum Laude, **16** Magna Cum Laude and **83** Cum Laude graduates.

Disaster Risk Reduction Program



For the Disaster Risk Reduction Program the Project NOAH thru Deployment of Early Warning System was implemented. Nine (**9**) unit of devices were installed in the region (i.e. automated rain gauges, water level monitoring systems and/or tandem) and **95** units were maintained.

RxBox

The RxBox program aims to provide better access to life-saving health care service in isolated and disadvantaged communities nationwide. The project in the region started on February 2016 with a total of 91 target sites from Bohol, Cebu, Negros Oriental and Siquijor. However, due to the creation of the Negros Island Region, Negros Oriental was separated from Central Visayas. The original 91 sites became 79 after the separation. But with the integration of NIR to CVR (Region 7), a total of 28 sites have turned over from WVR (Region 6) to CVR. Central Visayas Region has a total of **107** allocated RxBOx devices and all the RXBox implementation sites were oriented to the projects.



STARBOOKS



The Science and Technology Academic and Research-Based Openly Operated Kiosk Stations, or STARBOOKS, are one-stop repositories for science and technology and livelihood information. DOST 7 S&T Library and Information services was strengthened thru deployment of **249** STARBOOKS in various public and private academic institution and about **32,972** users.

One Expert

One Expert (1E): A One-Stop Portal for Science and Technology Consultancy and Technical Services. The DOST-7 component for the One Expert Project has been very active in fulfilling the targets being set through the collective efforts of all the regional offices. DOST-7 has maintained a total of **49** registered experts with a diverse field of expertise ranging from Research Management, Industrial Engineering, Energy Management Systems, Cleaner Production Technology and Food Safety. Potential customers can simply search the 1E portal for whatever S&T need, be it consultancy, technical resource person or basically just about any S&T information.



OneStore



OneStore.ph is an e-commerce Web Application which operates nationwide and caters primarily to Philippine consumers. It helps the Department of Science and Technology-assisted Micro, Small and Medium Enterprises (MSMEs) widen the scope of their target market.

Cebu People's Multi-Purpose Cooperative (CPMPC) has started operating as oneStore hub, making it the first cooperative in Central Visayas that provides online marketing and deliver services to small and medium entrepreneurs assisted by the Department of Science and Technology 7. The physical hub was able to generate three (3) employment. For 2017 there were **7,491** products uploaded and about **P92,66.54** sales generated.

Food Safety Team

In line with R.A. 10611 or The Food Safety Act of 2013, the Regional Food Safety Committee was created and launched on Jan. 27, 2017 with the role of overseeing the enforcement of food safety and sanitary rules and regulations as well as being responsible for advocating food safety awareness, information, and education to the public. A total of **31** food processing MSMEs & beneficiaries were assisted on Drug Administration's License to Operate (LTO) requirements. Two (**2**) new rapid microbial testing methods namely, Aerobic Plate Count and Mold and Yeast Count for food samples to investigate foods implicated in illnesses were developed and completed. Conducted **25** Basic Food Hygiene & Good Manufacturing (GMP) training courses to a total of **626** participants from various food processing MSMEs. Through a request from DOST Bicol Regional Office, a HACCP Trainer's Training Course was



successfully conducted to nine **(9)** new members of the DOST V Food Safety Team. One **(1)** US NRA ServSafe International Food Protection Certification Course and Examination was conducted in collaboration with the Cebu Chamber of Commerce and Industry (CCCI) to a total of **24** participants

Consortium

Central Visayas Agriculture, Aquatic, and Natural Resources Research and Development Consortium (CVAARRDEC)



Organizational Meeting: Revival of the Central Visayas Consortium for Agriculture was hosted by DOST 7 on August 16, 2017 at the DOST 7 Conference Hall with 10 institutions present (BISU-Bilar, DENR-BCWERC, DA-RFO 7, HNU, BFAR 7, PCC Ubay, SSC, USC, ASKEDWELL and PCAARRD). It was then decided that the consortium will be called CVAARRDEC (Central Visayas Agriculture, Aquatic, and Natural Resources Research and Development Consortium). The consortium was able to formulate the Vision, Mission, and Goals and also the strategic objectives and action plans; identified the organizational capacities, needs and R&D priority commodities (per category - AAFNR) by province within the region were tabulated and ranked; identified Thematic Area – Related Projects and Activities and drafted and presented the proposed Work and Financial Plan (WFP) for 2018 by cluster (R & D, Technology Transfer, and Knowledge Management Clusters).

Central Visayas Consortium for Health Research and Development (CVCHRDR).



Eighteen **(18)** research agenda were prioritized for 2016-2022 and **4** proposal reviewed under the Regional Unified Health Research Agenda (NUHRA). Three **(3)** awards were given to CVCHRDR (1st place-Student Poster Exhibit Competition; Top 1- RHRDC Website Performance and 2nd Place-HERDIN Research Database Award). A total of **2** capacity building programs were organized by CVCHRDR where a total of **30** participants were trained. Four **(4)** major activities were conducted and organized by CVCHRDR such as conferences, forum, seminar and summit. Nine **(9)** research centers/institutes established by the member institutions. Two **(2)** research programs were implemented. CVCHRDR now has **27** member institutions, from the government, academe/SUCs/HEIs and professional organizations.

Innovation Centers

Innovation centers such as Fablab (Fabrication Laboratory), FIC (Food Innovation Center) , and MATIC (Materials Innovation Center) were established to support different sectors in developing innovation capacity of the DOST Regional office to broaden access of MSMEs, communities and industries to technology for productivity innovation (i.e. leading and innovating functions).

Materials Innovation Centre (MATIC)

The center provides an avenue where the indigenous material suppliers can be linked with exporters to develop sustainable world-class products. These community-based suppliers are also supported by MATIC in terms of development and improvement of its existing products. DOST 7 intensifies its support to the first ever Materials Innovation Center (MATIC) in the region. MATIC expands its network to provide platform where the community-based indigenous material suppliers are linked with processors, exporters and research institutions to develop new and innovative products. MATIC continues to focus on bamboo and raffia product development.



Central Visayas Food Innovation Center (CVFIC)

The innovation center is housed at CIT University in Cebu City and features locally-developed food processing technologies such as vacuum fryer, spray dryer and water retort. Through the CVFIC, novel and innovative products are continuously developed such as breadfruit or kolo chips and spray-dried shrimp head powder condiment.



Community Empowerment thru Science & Technology (CEST)



Through the CEST program, the assisted communities are able to develop products with high value and high market potential in Cebu such as breadfruit based products in Borbon, coffee products from Tuburan, upcycled products in Mandaue City. DOST Secretary Fortunato de la Peña visited these communities to encourage them to utilize science and technology as engine of growth. In the region there were five **(5)** communities established and implemented the CEST Program.

Strategic Partnerships



Partnership with key institutions is a good strategy that hastens the implementation of DOST programs and services. Several community relations and development programs of private companies and organizers partnered with DOST VII through the CEST programs. Majority of the business support organizations and industry associations identified DOST Cebu as strategic partner in providing support to MSMEs. A number of key national government agencies and local government units (LGUs) are partners of DOST in providing program of support to MSMEs and the communities. To maximize the impacts of the programs of DOST Cebu, strategic partnerships are forged with key organizations both local and international such as AFOS Foundation, Japan International Cooperation Agency (JICA), Dow Chemicals, Cebu Chamber of Commerce and Industry (CCCI),

European Chamber of Commerce of the Philippines (ECCP), Temasek Foundation, Nanyang Polytechnic International, Department of Health (DOH), Food and Drug Administration (FDA) and Department of Trade and Industry (DTI). DOST 7 was able to established/maintained **294** networks/linkages with key partners.

2017 Regional Science and Technology Week (RSTW) Celebration



The Regional Science and Technology Week (RSTW) was held on June 20-22 at the Waterfront Cebu City Hotel, Lahug, Cebu City with a thrust to push for Global Competitiveness through Research-led, Industry-linked Technology Transfer. The RSTW Celebration featured five commemorative events, the Technology Transfer Day, the Technology and Innovation Conference, Health Research & Innovation Conference, Regional Invention Contests and Exhibits (RICE) and the awarding of Best SETUP

Adoptors. One of the major highlights is also the proclamation of Mr. Kenneth Cobonpue as DOST VII Science and Technology Ambassador in the region. For the Technology Transfer Day, out of twenty four (24) technologies identified, ten (10) technology showcase were presented. It was disclosed that there are seventeen (17) firms who signed up during the newly organized consultation deals with the invited clients. Four (4) provincial outstanding SETUP adoptors were awarded. The Bohol Bee Farm awarded as the DOST 7 Outstanding SETUP adoptor (Regional winner) and one of the 5 finalists in the National level. For the RICE, there were 59 entries breakdown into: ID – 1, UM-19, Likha- 10, SIBOL College – 15 and SIBOL High School - 20.

Gender and Development (GAD)



In 2017, DOST VII issued Nine (9) official statements in the form of seven (7) DOST Special Orders and two (2) Regional Memorandum to extensively secure both the human and financial resources in the institutionalization of Gender and Development. DOST VII also has crafted a Gender and Development Agenda which supports the overall thrusts and directions of the Executive Order No. 128 of the Department of Science and Technology. The DOST VII's Vision, Mission and Goal is integrated with GAD perspective in the GAD Agenda to serve as a guide to all project stakeholders towards a gender responsive and gender transformative development in the region and in the countryside. The Department of Science and

Technology (DOST) Regional Office VII increased the awareness of 140 (Male 48, Female 92) under-graduate scholars on Gender Sensitivity and Gender and Development in Bohol and Cebu. In 2017, the Organization initiated activities in participation to the international and national GAD-related events which include the Women's Month Celebration and the 18 Day Campaign to End Violence Against Women. While in order to provide assistance and refuge for breastfeeding moms, children, elderly and persons with disabilities, the Department of Science and Technology (DOST 7) launched the use of Gender and Development (GAD) Care Center for both the DOST 7 Clients and employees.

So as to facilitate the sharing of GAD-related Knowledge Products to both internal and external clients, DOST VII created and sustained a GAD Corner in the DOST VII workplace and a GAD Corner Webpage (http://region7.dost.gov.ph/?page_id=4950) linked in DOST VII Website. The agency now also generates Sex-Disaggregated Data (SDD) and statistics on the profile of employees, client beneficiaries' employment, training and scholarship availment in Region VII so as to be gender-responsive in addressing both the needs of its clients and employees.

Financial Report



For the the Personnel Services (PS), Maintenance and Other Operating Expenses (MOOE), and Capital Outlay (CO) of the 2017 General Appropriation Act (GAA), the budget utilization is at **99.73%**. For the 2017 GAA, Sub-Allotment Advices (SAA) from the DOST Central Office, Miscellaneous Personnel Benefits Fund (MPBF), Pension and Gratuity Fund, Retirement and Life Insurance Premium (RLIP), and Continuing Appropriations 2016-2017, the budget utilization is at **98.72%**.