

## DOST VII 2010 Annual Report

The priority sectors of SETUP in Central Visayas in 2010 included furniture, GHD, fashion accessories, metals and engineering, and marine and aquaculture.



The priority sectors of SETUP in Central Visayas

In 2010, 211 existing Small and Medium Enterprises (SMEs) received 278 S&T interventions. These interventions generated 4,363 person-months' employment, P 102.443 M in total gross sales of assisted firms, and 25% average improvement in productivity per firm. The technology interventions extended by DOST 7 include technologies on food & lumber drying, fiber sewing & twining, vegetable based noodle & bread production, dyeing, aquaculture, rootcrop processing, roasting, furniture production, vinegar acetator, packaging, among others.

DOST VII Regional Standards and Testing Laboratory (RSTL) served 1,384 clients and assisted 963 firms in maintaining high quality product standards through the provision of 6,260 testing and calibration services. Income generated was P 2.546 M.

DOST VII assisted 49 firms with the provision of 70 S&T interventions such as package label designs and nutrition information assistance. These interventions resulted to 11 new markets opened by the firms and increase in sales amounting to P 1.739 M.

Also in 2010, MPEX assisted 32 firms; CAPE program worked with 20 firms; the Energy Audit Program assessed nine firms; Cleaner Production Technologies Program served four firms; and Food Safety Program improved eight firms in the region.

The STEVPP deployed 87 experts who provided service to 1,087 clients while DOST VII technical staff conducted 111 technology training programs to assist SMEs in human resource development on key production and other related areas, with 3,179 participants from 756 firms.

Scholarship programs continuously supported 918 ongoing scholars. Examinees in 2010 numbered 2,676. In 2010, 150 graduated as S&T scholars in the region.

Aiming to nurture the S&T culture and enhance S&T awareness in the region, DOST VII developed and conducted S&T promotion activities and programs. It circulated 146 news releases, 34 of which were aired over the radio, 103 published in print, and nine interviews over television. DOST VII participated in 12 regional and provincial fairs, seven of which were

conducted by DOST and five by other agencies. Fifteen press conferences and interviews helped to promote the programs and services of DOST VII. The DOST VII Library and information centers based in each PSTC provided adequate and up-to-date scientific and technological information to 8,594 students, researchers, professionals, entrepreneurs.

DOST VII established and maintained 124 networks and linkages to help in promoting and bringing science and technology closer to the people. It strengthened its linkages with LGUs in 2010, as attested by 15 projects co-funded and 20 training programs conducted for LGUs.



The Lahug S&T Complex is the newest collocation & cooperation of several S&T institutions in Region VII where the new DOST 7 regional office is the focal center.

DOST 7 inaugurated its Lahug S&T Complex located in Sudlon, Lahug, Cebu City on August 26, 2010. The Lahug S&T Complex is the newest collocation and cooperation of several institutions providing S&T services in Region VII namely: The Regional Standards and Testing Laboratory (RSTL), Regional Metals and Engineering Service Center (RMESC), Costume Jewelry Center, DOST Regional Office, Confederation of Scientific and Professional Organizations (COSPO), and the Cebu GEOPLAN Foundation, and the Central Visayas Information Sharing Network (CVISNet).

Concurrent to the inauguration of the S&T Complex was the launching of the Eco-efficient Water Infrastructure Development Facility: The Integrated Storm Water Management (ISWM),



The Micro Membrane Filtration System of the ISWM facility

a joint project of the DOST 7 with the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) and the Korea International Cooperation Agency (KOICA). The newly completed DOST building is the demo facility in the Philippines of the ISWM. This is one of the green growth strategies using the Korean technology to address water shortage problems and flooding. The process includes the collection of rainwater and stormwater for treatment, then utilized for washing, toilet flushing, gardening purposes, etc. The project on ISWM in the DOST 7 building aims to improve the awareness and advocacy on integrated stormwater

management as one of key eco-efficient approaches, to alleviate the impacts of stormwater surges to eco-system, to promote the reuse of wastewater with green technology developed in the Republic of Korea, such as Green-Filter and Micro-Filter system. Further, this project is

expected to share knowledge and experiences of the integrated stormwater management system with other regional key stakeholders and to build the firm foundation for further development of eco-efficient water infrastructure in the Asia-Pacific region.



**The DOST 7's ISO 9001: 2008 Certificate**

The DOST 7's transitory certification from ISO 9001:2000 to ISO 9001:2008 had been approved by the Certification International Philippines, Inc. This confirmation was based on the results of the transition audit of the agency's QMS on August 5, 2010. The audit found that DOST's QMS maintained in accordance with the requirements of ISO 9001:2008. It also reported the strengths of the agency's QMS and the activities that have been initiated by its departments to meet quality objectives, and ensure external and internal customer satisfaction.

DOST 7's Provincial S&T Director of Bohol, Engr. Marcial Tanggaan was awarded the 2010 Outstanding Provincial S&T Director. The competitive search is the first time it has been done by the DOST and Engr. Tanggaan holds the distinction of being the first awardee.



**Former DOST Secretary Estrella F. Alabastro gives the Outstanding PSTD Award to Engr. Marcial Tanggaan of PSTC Bohol on at DOST Central Office in Bicutan. Also present during the awarding were Undersecretary Carol M. Yorobe, Dr. Elizabeth Fontanilla and DOST 7 Regional Director Rene Burt N. Llanto**



Engr. Tanggaan was commended for the most number of successful S&T projects in a province. This included projects under the Small Enterprise Technology Upgrading Program (SET-UP) and specifically in the priority sectors of food processing, horticulture, gifts and holiday decors, furniture and home furnishings, marine and aquatic resources, and metals and engineering. He is further recognized for his pioneering efforts in the development of the Bohol Food Safety Team, the growth of ethnic foods, the use of information and communications technologies and the organization of DOST scholars in Bohol.



The 7th Visayas Island S&T Fair in Dumaguete City



Opening Ceremonies of the 2010 National Invention Contests & Exhibits

DOST 7 hosted several significant S&T events – the DOST Exposition and Conference on Environmentally Sound Technologies (DECEST), 7<sup>th</sup> Visayas Islands S&T Fair (VSTF), and 2010 National Invention Contests & Exhibits. DECEST was held on June 8-10, 2010 at the Ayala Activity Center Cebu. The three-day event featured S&T exhibits and conferences on environmentally sound technologies, products and services developed by the

DOST or its partners. The event gathered technology generators, business people, professionals and leaders from private, government and academe promoting interaction and linkages among them as well as providing an avenue for discussion on critical issues relevant to environmentally sound technologies and sustainable business. The 7th VSTF was conducted on September 28-30, 2010 at the Robinsons Place in Dumaguete City, Negros Oriental with the theme: “Filipinnovation: The Way Forward”. Lined-up activities during fair include S&T Advocacy Writeshop; S&T Exhibits; Press Conference; S&T Bazaar; Project Visits and S&T Conference on Climate Change. The 2010

NICE was held on 25-27 November 2010 at the SM Cebu Trade Hall, SM City, Cebu City. Sixty eight outstanding inventions and researches were featured in this event.