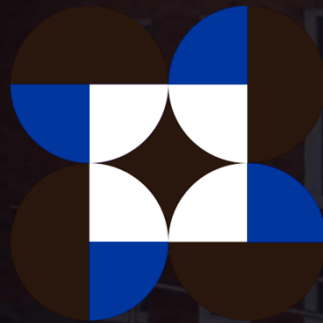


# DEPARTMENT OF SCIENCE AND TECHNOLOGY





About us

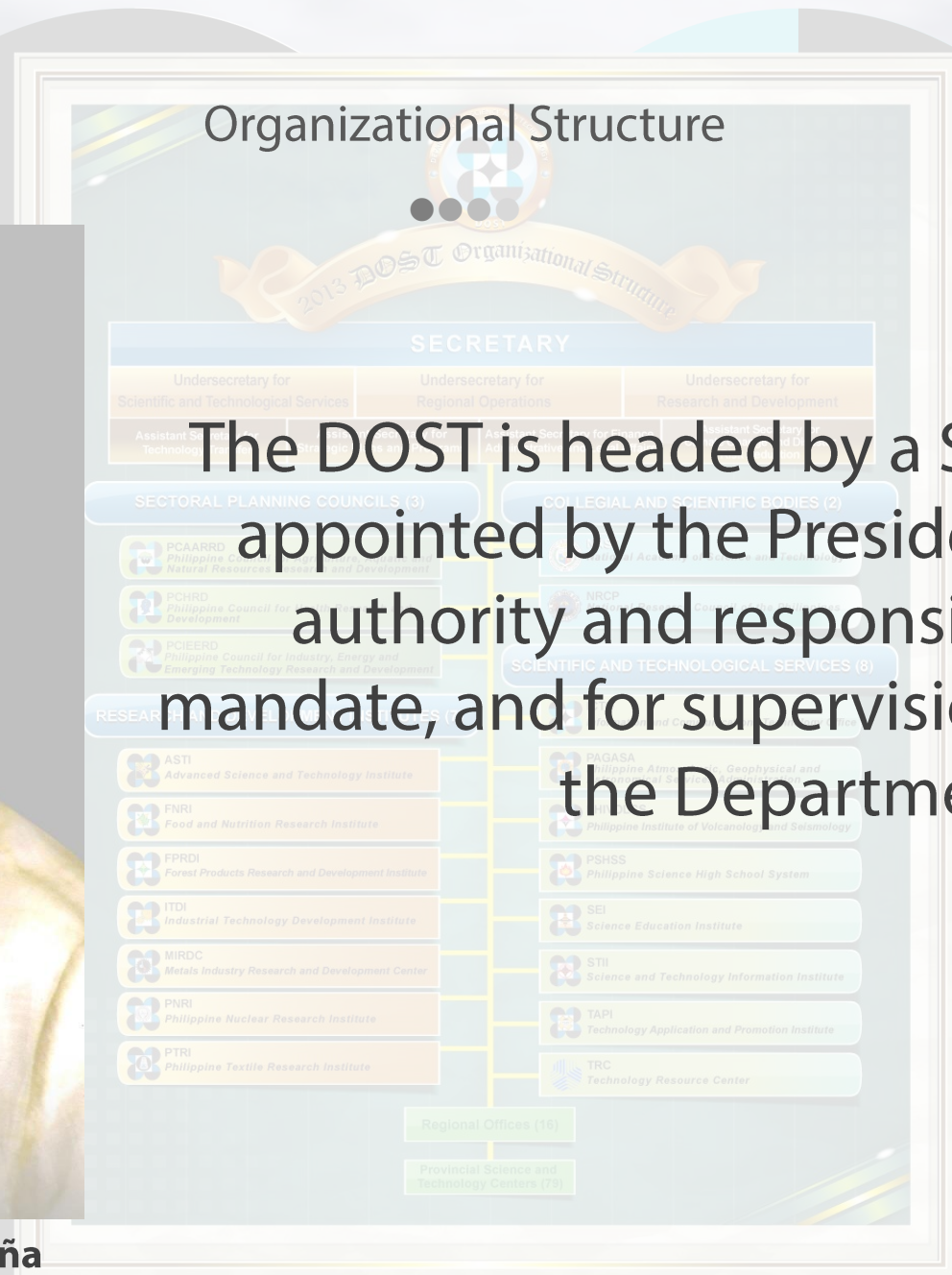


The Department of Science and Technology (DOST) is the premiere science and technology body in the country charged with the twin mandate of providing central direction, leadership and coordination of all scientific and technological activities, and of formulating policies, programs and projects to support national development.





**Sec. Fortunato Tanseco de la Peña**



The DOST is headed by a Secretary who is appointed by the President to exercise authority and responsibility for the mandate, and for supervision and control of the Department.



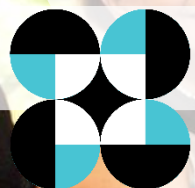


## Our Vision



The DOST is the “provider of world-class scientific, technological and innovative solutions that will lead to higher productivity and better quality of life.”





## Our Mission

To direct, lead, and coordinate the country's scientific and technological efforts geared towards maximum economic and social benefits for the people.



A group of five DOST staff members, four women and one man, are standing behind a registration table. They are all wearing blue short-sleeved shirts and yellow lanyards with identification badges. The table is covered with a blue cloth and has various papers, pens, and brochures on it. A sign on the table reads "REGISTRATION AREA". The background shows a window with posters of aircraft.

# DOST PROGRAMS AND SERVICES

REGISTRATION AREA





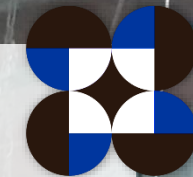
SPECIAL PROJECTS



## **Food Innovation Center (FIC)**

Serves as a hub for innovations, R&D, and support services for the development of processed foods. The Center seek to lead business start-ups, increase the number of MSMEs engaging in food processing and help sharpen focus, maximize resources to continually improve the quality of food products and develop new ones; thereby, increasing MSMEs competitiveness in local and export markets.



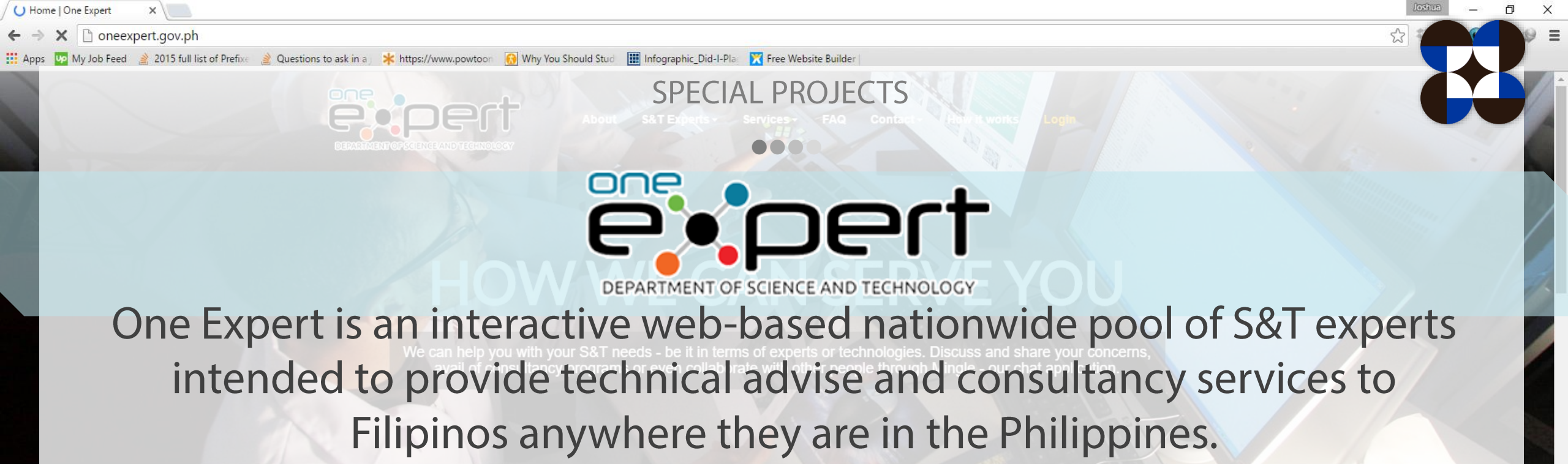


## Small Enterprise Technology Upgrading Program (SETUP)

- Innovation System Support (ISS)
- Packaging and Labelling Services

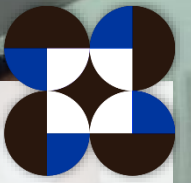
National strategy to encourage MSMEs to adopt technological innovations to improve existing products, services, and operations; increase productivity and competitiveness; and more importantly to enable MSMEs to develop new products and establish or sustain market niches.





OneExpert is intended to improve access to experts and technologies particularly by people living outside of the major urban centers where most research and technical institutions are located. In the same manner, One Expert will likewise bring the services of any accredited expert located anywhere in the Philippines to clients that need S&T assistance.

DOST Programs & Services



## **Regional Standards and Testing Laboratory (RSTL)**

The DOST-8's RSTL composed of the Chemical, Microbiological, and Metrology & Calibration laboratories, provides the analytical testing and calibration services that conform with ISO 17025 standards. It provides testing services to industries, academe, local government units, private institutions and individuals in Region 8.

OneLab is an IT-based project that broadens public access to testing services of all DOST laboratories at a single touch point.





## OneStore

oneStore.ph is an E-commerce Web Application that operates nationwide and caters primarily to Philippine consumers. oneStore helps the Department of Science and Technology's assisted MSMEs widen the scope of their target market. It can help deliver economic growth and increase business opportunities. oneStore provides customers with an effortless shopping experience and retailers with simple and direct access to the largest customer base in the Philippines.



### DELIVERY SERVICE

oneStore provides secured and convenient delivery system through our partner Logistics....



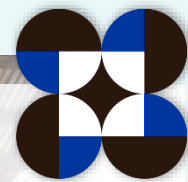
### CUSTOMER SERVICE

oneStore provides customer service to our beloved customers until they are fully satisfied with the Service...



### MONEY-BACK

oneStore provides 5 days money-back guarantee. Just let our Logistics know about your concern...



SPECIAL PROJECTS

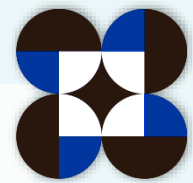


## **Community Empowerment thru S&T (CEST)**

CEST is an approach to improve the socio-economic condition of municipalities considered as poorest of the poor through S&T interventions in Health & Nutrition, Water and Sanitation, Education, Livelihood or Economic Enterprise development, and Disaster Risk Reduction.

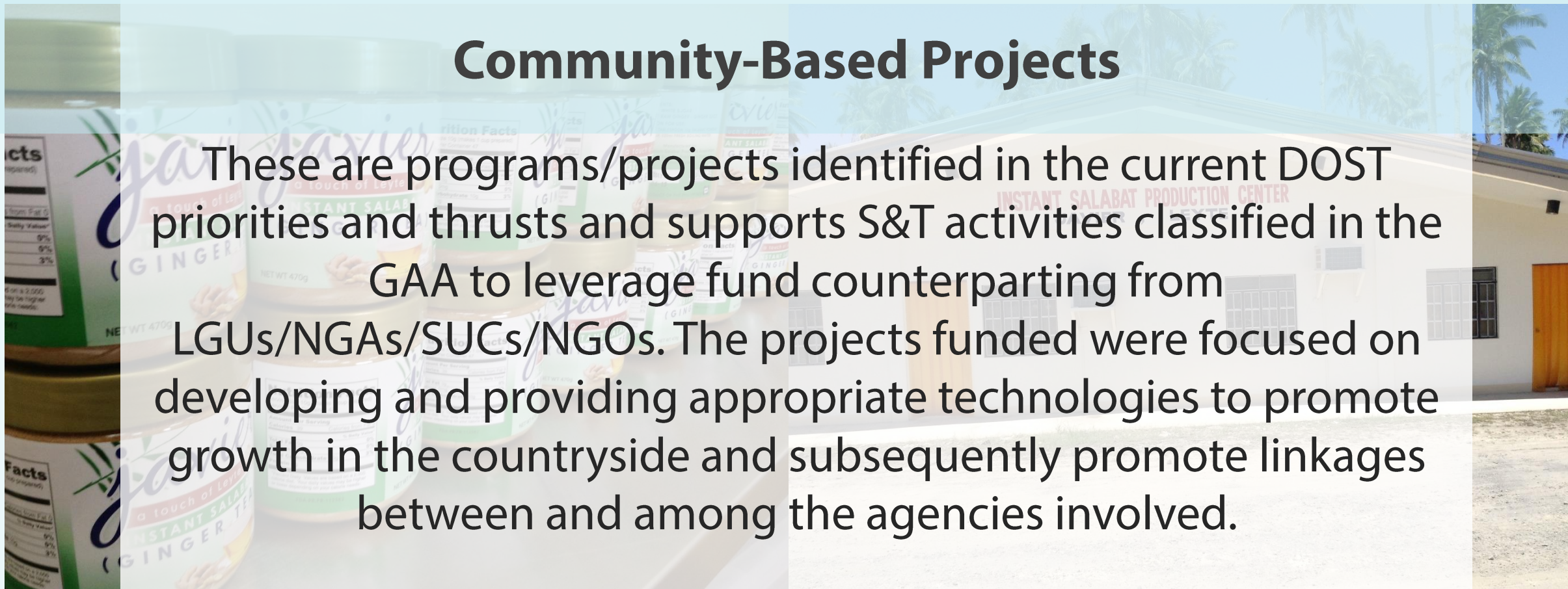


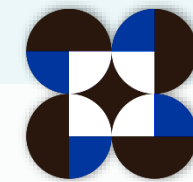




### Community-Based Projects

These are programs/projects identified in the current DOST priorities and thrusts and supports S&T activities classified in the GAA to leverage fund counterparting from LGUs/NGAs/SUCs/NGOs. The projects funded were focused on developing and providing appropriate technologies to promote growth in the countryside and subsequently promote linkages between and among the agencies involved.

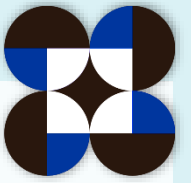




## Technology Trainings

Another strategy to assist local entrepreneurs is the provision of trainings to build their capabilities and “know-how”. This S&T based and productivity trainings, seminars, fora, workshops and technology demonstrations are organized by the DOST-8 for MSMEs, LGUs, and the academe on various topics.





## **Consultancy Services**

In support to the SETUP, consultancy services are likewise provided to MSMEs and local entrepreneurs for them to attain a higher productivity.

Identification of productivity improvement in the area of agri/aquaculture and manufacturing sector, energy efficiency, waste minimization, and food safety are implemented and provided to identified co-operators and beneficiaries to capacitate them and become more productive and competitive.



DOST Programs & Services



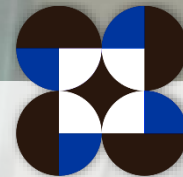
## Consultancy Services

# Manufacturing Productivity Extension (MPEX) Program

A program under SET-UP and the Technology Application and Promotion Institute (TAPI), the Manufacturing Productivity Extension Program (MPEX) aims to increase productivity of small and medium scale enterprises (SMEs) in the Philippine manufacturing sector.

Areas of concern: Plant Lay-out, Time and Motion Studies,  
Waste Management, Production Planning,  
Administrative and Financial Management





DOST Programs & Services



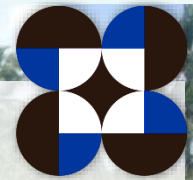
## **Consultancy Services**

### **Energy Audit (EA)**

Energy Audit assesses your company's whole process to improve competitiveness through increased productivity, decreased overall energy consumption and operating costs, and reduced waste generation.

Energy Audit assessment identifies waste sources, causes, and appropriate CP options in a manufacturing enterprise. Applying these CP options provide opportunities that would help the facility reduce waste generation and at the same time, increase its productivity.





DOST Programs & Services



## Consultancy Services


# Consultancy for Agricultural Productivity Enhancement (CAPE)

CAPE aims to institutionalize effective farm management strategies, including transfer and commercialization of better technologies, to improve agricultural and aquaculture productivity.

It provides assistance to farm owners who are engaged in:

- Aquaculture (prawn, milkfish, mudcrab, tilapia, etc.);
- Horticulture (vegetables, fruits, ornamentals, plantation crops, etc.);
- Livestock production; and Poultry production.





DOST Programs & Services



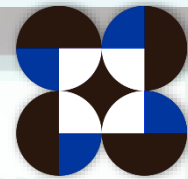
## Consultancy Services

# Cleaner Production Technology (CPT) Assessment

the application of an integrated preventive environmental strategy to processes, products, and services to increase efficiency and reduce risks to humans and environment (UNEP).

Cleaner Production focuses on source reduction and recycling. To reduce wastes, the company can increase product life, change input materials, modify equipment, layout or piping, improve their production process, change equipment to more efficient one, and optimize operating conditions. The company may even look into their operating and management practices for improvements.





DOST Programs & Services



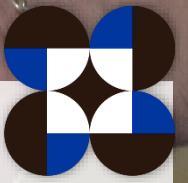
## Consultancy Services

### Food Safety (FS)

equips practitioners with the knowledge and skills practiced and adhered to in the global market. It assures quality, promotes safety, ensures occupational health and safety of workers, and reduces risk of liability.

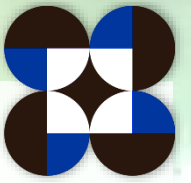
Involves the deployment of food safety experts to food processors to improve compliance to requirements of Good Manufacturing Practices, Standard Sanitation Operating Procedures, Hazard Analysis and Critical Control Points, Food Safety Management Systems and other Food Standards





## **Complementary Food Production / Malnutrition Reduction Program (MRP)**

To address increasing malnutrition issue due to poverty in the region, DOST-8 implemented projects that would tackle this through the project entitled “Science and Technology-based Interventions to Address Malnutrition dubbed as Sulong Pinoy Program - aimed to reduce the prevalence of malnutrition among children not only in the cities but most especially in the remote and far flung communities in the provinces”



## **Ceramics Water Filter Production Center in Tanauan, Leyte**

Adoption of DOST-ITDI-developed technologies on Ceramic/Pottery production and Ceramics Pot Filter with Anti-Microbial Coatings for Local Water Filtration System to address the need for potable water in the provinces and as emergency water system during disasters

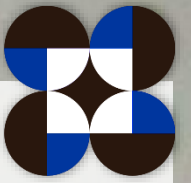






## ICT/EVFIT

The Eastern Visayas for Information and Technology, Inc. otherwise known as EVFIT is a private organization composed of members from the private and public sector and supported by DOST-8 and NEDA-8, aims to provide avenue for organization members to improve their expertise and skills on information and communication technology (ICT) through knowledge, skills and best practices sharing.





## S&T Scholarship Program

Sets of different scholarship are provided:

- (a) RA No. 10612 - fast tracking graduates in science, mathematics, and engineering who shall teach science and mathematics in secondary schools throughout the country.
- (b) RA No.7687 - scholarships are awarded to poor, talented and deserving students who belong to families whose socio-economic status do not exceed the set values of certain indicators.
- (c) DOST-SEI Merit scholarships - are awarded to students with high aptitude in science and mathematics and are willing to pursue careers in the fields of S&T.





## SPECIAL PROJECTS



# Science & Technology Academic and Research-Based Openly-Operated Kiosk Station (STARBOOKS)

The STARBOOKS, a user-friendly digital library, is a flagship project of DOST's Science and Technology Information Institute (STII) which brings their science collection closer to the students. It contains S&T information in various formats – text, video and audio – from local and international sources, a collection of 80,000 titles in print and non-print formats covering vast range of S&T fields.





*Thank You!*

# DOST-8

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TO : (053) 856-0147

:

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