Setting Up a Sustainable Business with DOST
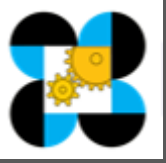
Annabelle V. Briones, PhD

Director, DOST-ITDI
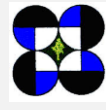
Access to Technical Expertise
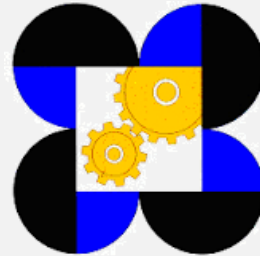
ASTI FNRI FPRDI MIRDC PNRI PTRI

Industrial Technology Development Institute (ITDI)

5 R&D Divisions

Chemicals & Energy Division	Environment & Biotechnology Division	Food Processing Division	Materials Science Division	Packaging Technology Division

Chemicals & Energy Division
- Energy
- Industrial Chem.
- Pharmaceuticals
- Process Dev.

Environment & Biotechnology Division
- Industrial Fermentation
- Waste Management
- Microbial Treatment
- Resource Efficient and Cleaner Production
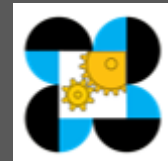
Food Processing Division
- Food Engineering
- Food Safety
- Product Development

Materials Science Division
- Advanced Materials
- Special Materials
- Surface Engineering

Packaging Technology Division
- Packaging R&D
- Testing Laboratory
- Packaging Design
- Green Packaging
- Packaging Library
- Pilot Plant

Halal Personal Care Products

Emergency Food Reserve: Sagip Nutripowder

Isotonic Drink from Coconut Water

Ready-to-Drink Tablea

Packaging for Frozen Durian

Mungbean Coconut Drink
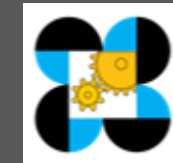
Emergency Food Reserve: Ready-to-Eat Food

Virgin Coconut Oil

Calamansi Concentrate

Simulation Packaging and Testing Laboratory (SPTL) and Green Packaging Laboratory (GPL)

- State-of-the-art packaging laboratories

- Intended to accelerate local packaging technology development

Modular Multi-Industry Center (MMIC or Innohub)

- Facility for advanced scale-up research on food, nutraceuticals and personal care products

- Has adjustable modules that are interchangeable to adapt to different products and processes.

Energy Audit

Study of energy utilization of an organization for identification of areas where waste can occur and possible energy-saving measures
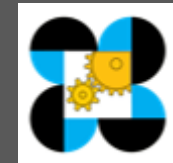
Waste Analysis and Characterization Study (WACS)

Conducted to determine the composition and volume of solid waste generated by an area or community; generated data is used in determining a practical waste management plan

The **DOST SETUP** Program

*The Small Enterprise Technology Upgrading Program (DOST-SETUP) is a strategy to assist **MSMEs** to adopt technological innovations to improve their products, services, operations and increase their productivity and competitiveness.*

- Holistic – can include tech needs assessment (TNA), inputs sourcing, trainings, testing, packaging design, networking, and consultancy

- Open to private firms at least 3 years in existence, as well as LGUs

- Availed through the DOST Regional/Provincial Offices