

**TECHNOLOGY APPLICATION AND PROMOTION INSTITUTE (TAPI)**  
**CY 2021 Major Programs and Activities**

**I. COMPREHENSIVE INVENTION/INNOVATION SERVICES**

**1. Intellectual Property Rights Assistance Program (IPRAP)**

The IPRAP was devised through E.O. No. 128 creating TAPI as reinforced by RA No. 7459 otherwise known as the "Inventors and Invention Incentives Act of the Philippines". Assistance coverage provides advisory, technical and financial services in securing intellectual property (IP) protection from the Intellectual Property Office of the Philippines (IPOPHL).

The Program offers a holistic package of assistance for patent, utility model, industrial design, copyright and trademark applications for private male and female individual inventors, various institutions and researcher with privately funded R&D.

**2. Innovation and Technology Support Office (ITSO)**

The ITSO of DOST-TAPI provides assistance for the intellectual property protection of the technologies developed or funded by the Department of Science and Technology (DOST) or any of its attached agencies.

The program includes consultancy, technical and financial assistance.

**3. Invention-Based Enterprise Development Component I (IBED I) Program**

The IBED I Program supports male and female inventors in developing their inventions to become a business enterprise by making them available to the consumers.

The Program offers financial assistance to cover pilot-scale testing or producing on a small scale to test the feasibility and marketability of the product, and pilot or initial production including the provision of raw materials and the purchase of the tools/apparatus needed to manufacture the product.

**4. Industry-Based Invention Development (IBID) Program**

The IBID Program involves the technical and financial assistance for the fabrication of a commercial prototype in collaboration with experts from the industry, DOST-RDIs and SUCs/HEIs. Specifically, the financial assistance covers the raw materials, equipment, tools, and labor expenses for the fabrication of a commercial prototype that will be used in the testing, debugging and other refinements of the invention as placed in a real working environment.

**5. Invent School Program (ISP)**

The Invent School Program (ISP) involves the conduct of a seminar workshop in private and public schools in cooperation with inventors' groups, LGUs and NGOs to stimulate students' interest for creativity and inventiveness and create awareness on Intellectual Property Rights (IPR) and Protection.

The Program provides an opportunity for the male and female students in Elementary, High School and College not only to develop their creativity and potentials but also to awaken their true ingenuity. Invent School serves as a starting ground for young Filipino inventors.

**6. Invention Testing and Laboratory Analyses Assistance Program**

The Program aims to assist male and female technologists, inventors and researchers avail of laboratories and the facilities of RDIs, including regional offices and other government agencies, offices and instrumentalities, in order to test, verify, evaluate the functionality of the invention, suitability of its materials, components and design and the safety and conduciveness of the product for public use (Article IV, Sec. 8 of R.A. No. 7459).

**7. Tax and Exemption Assistance Program**

The Program facilitates the evaluation of a request for the issuance of a certification on tax and duty exemption application of men and women inventor/utility maker/industrial designer for submission to the Bureau of Internal Revenue (BIR) or Department of Finance (DOF).

Pursuant to Article III, Section 5 and 6 of Republic Act No. 7459, applicants are given the privilege to apply for tax exemption and customs duties exemption for inventions that are new and original and produced on a commercial scale. The exemptions are principally governed by orders, revenue regulations and/or administrative issuances from the Department of Finance (DOF) through the Bureau of Internal Revenue (BIR) and the Bureau of Customs (BOC). The tax exemption privilege may be extended to the legal heir or assignee upon the death of the inventor.

**8. Travel Assistance to Inventors Program**

The Program provides financial support for travel of men and women winners of Presidential Awards for inventions (Article II, Sec. 4 of R.A. No. 7459) to participate in recognized international events where their winning inventions or areas of interest are advanced.

The Program's assistance covers participation to prestigious and recognized international invention-related expositions and shall fund travels duly recommended by the Screening Committee for R.A. No. 7459.

**9. Inventors' Organization Accreditation**

The Program aims to accredit and recognize inventors' organizations comprising of relatively an equal number of men and women, throughout their activities pursuant to Section 8.b, Article IV of R.A. No. 7459.

**10. Concept Prototyping Program**

The Program aims to tap the laboratories and facilities of RDIs and SUCs in the development of an initial working prototype of a potential or actual invention, and strengthen the laboratories and facilities of RDIs and SUCs. The Program also targets to promote and utilize locally developed innovations and technologies.

## **II. TECHNOLOGY TRANSFER AND COMMERCIALIZATION SERVICES**

### **1. Venture Financing Program (VFP)**

The Venture Financing Program (VFP) aims to accelerate the commercialization of innovative technologies/inventions by providing the necessary funding support to start-ups, SETUP beneficiaries, and other MSMEs. The Program shall determine and package the commercialization activities needed for a particular technology.

The Program has the following special facilities that provide distinct services to MSMEs:

- a. Venture Financing Program (VFP) for start-up companies - provides assistance for emerging technologies and/or innovative technologies to improve product quality through the acquisition of required production equipment
- b. Venture Financing for Environmentally-Sound Technologies (VFEST) - provides assistance to MSMEs for the utilization of cleaner production technologies and/or equipment to comply with the Environmental Related Clearances/Permits such as Environmental Clearance Certificates, Health and Safety Clearances, Sanitary Permits, Clean Air Act Certificate, Laguna Lake Development Authority Clearance, etc.
- c. Support for Adoption of DOST Generated Technologies - acquisition of required production equipment needed by the technology transferee to commercialize its adapted DOST-generated Technologies
- d. Purchase Order Financing - acquisition of raw materials needed to produce the required quantity/volume of products/goods as reflected on the irrevocable PO's submitted by the SETUP and TAPI beneficiaries
- e. Fees for certification of Local/International Standards - acquisition of certification to enter Local and International Market for DOST-funded technologies only

### **2. DOST-Academe Technology-Based Enterprise Development**

The Program develops entrepreneurial competencies in selected academic institutions while at the same time creating income generating projects for the involved institutions.

The Program provides funding assistance to accredited institutions based on proposals submitted. The Program conducts Mid-Term Assessment and End-of-Program Assessment to evaluate/validate the implementation of projects indicated in its Implementing Plan.

#### **Stage I**

- Develops entrepreneurial competencies among male and female students in selected academic institutions; and support income generating projects with technological innovation with market potential and technically viable when commercialized

#### **Stage II**

- Provides financial assistance to the male and female Stage I DATBED graduate-beneficiaries who have shown capability to manage the technology-based projects on their own and graduates with feasibility study viable for commercialization

**3. Invention-Based Enterprise Development Component II (IBEDII) Program**

The IBED II Program provides support for men and women inventors who have established their company through the commercialization of their invention, UM or Industrial Design. Funds for the project are provided to cover additional capital to be used for the purchase orders/client orders to address the growing demands for their products.

**4. Innovation and Technology (I-Tech) Lending Program under Invention Guarantee Fund (IGF) of R.A. 7459**

The I-Tech Lending Program provides a special lending window through the Land Bank of the Philippines (LBP) to complement the use of the Invention Guarantee Fund (IGF) as provided for in Republic Act No. 7459 known as Inventors and Invention Incentives Act of the Philippines to extend financial support to credit-worthy and duly certified Filipino men and women inventors in the commercialization of patented inventions in the Philippines.

**III. TECHNOLOGY PROMOTION AND MARKETING SERVICES**

**1. Institutional Support for Trade and Exhibitions of DOST Technologies and Services**

The Program serves as an effective marketing/promotion strategy showcasing DOST's generated technologies and Filipino inventions on the latest advances in S&T in the country.

It is an excellent platform for the dissemination, sharing and exchange of information and ideas involving S&T development for the benefit of various sectors. It organizes/supports DOST and non-DOST S&T Fairs, and local and international technology training/seminar/ fora/contest and exhibits.

Included in the Program's scope are the following components:

- a. National Science and Technology Week (NSTW)
- b. Regional Science and Technology Week (RSTW)
- c. National Invention Contest and Exhibits (NICE)
- d. Regional Invention Contest and Exhibits (RICE)
- e. Participation to Non-DOST Exhibitions and Technology Training/Seminar/Conference/Fora/Contest (Local and International)
- f. National Inventors Week (NIW)

**2. Applied Communications Unit (ACU)**

The ACU is the lead in the promotional activities of the Institute. Part of its intensified efforts in promoting technology commercialization through its programs and services was the creation of the Applied Communications Unit for inventors (ACU-i) and the Applied Communications Unit (ACU) for non-inventors.

These programs aim to develop various promotional materials and activities, which showcase the Institute's invention-related programs and various Filipino inventors and inventions, and other programs and services for non-inventors.