



**MEMORANDUM CIRCULAR NO. 001**  
Series of 2024

FEB 26 2024

**SUBJECT: PRIORITY SECTORS FOR DOST-TAPI'S ASSISTANCE PROGRAMS IN CALENDAR YEAR 2024**

**I. RATIONALE**

In adherence to Executive Order No. 128, which established the Technology Application and Promotion Institute (DOST-TAPI) as the implementing arm of the Department of Science and Technology (DOST), tasked with promoting technology commercialization and marketing the services of DOST's operating units and agencies, the Institute has been actively engaged in facilitating various initiatives to achieve its organizational objectives. These efforts include providing financial assistance for technology packaging and promotion, technology-based enterprise development, productivity enhancement, consultancy, invention development and technology transfer activities. Furthermore, the Institute has consistently conducted promotional activities to ensure the attainment of its goals for the benefit of both internal and external stakeholders.

As part of its ongoing efforts, DOST-TAPI is launching the Call for Proposals Campaign for the Invention and Technopreneurship Programs for the calendar year (CY) 2024. This initiative integrates digital and traditional communication channels, fostering collaboration with government, academia, and the private sector. The campaign is strategically themed "Further Forward," aimed at enhancing pre-commercialization support for science and technology (S&T)-based ventures, particularly catering to Filipino inventors, innovators, and business owners of S&T-based solutions.

**II. OBJECTIVE**

The adoption of priority sectors aims to elevate proposal quality, improve program outcomes, align the Institute's efforts to the "2022-2028 Harmonized National R&D Agenda (HNRDA)", and maximize the impact of Filipino technologies.

**III. COVERAGE**

The priority sectors mentioned under this Circular shall be covered by the following programs of assistance of DOST-TAPI for CY 2024:

1. Technology Innovation for Commercialization (TECHNiCOM);
2. Venture Financing Program (VFP);
3. Grants and Assistance to Leverage Innovations for National Growth (GALING) Program;

#### 4. Concept Prototyping Program;

Project proposals seeking funding assistance that do not fall within the priority sectors as listed below shall be placed on a waiting list, subject to availability of funds.

#### IV. PRIORITY SECTORS

In alignment with the Harmonized National Research and Development Agenda (HNRDA) for 2022 to 2028, DOST-TAPI has identified the following key priority sectors for the above-mentioned programs of assistance:

	<b>Priority Sectors</b>	<b>Scope</b>
1	Smart Electronics	Devices and components, including IoT devices, wearables, and home automation systems.
2	IoT and Automation in Industrial Settings	Industrial equipment with software integration.
3	Software/platform-as-a-service	Support software development for product marketing, and customer acquisition
4	Robotics/Mechatronics	Robotic systems, mechatronic devices, and intelligent machines, including prototype refinement
5	Transport System Technologies	Vehicle electrification, autonomous vehicles, smart traffic management solutions, and sustainable transportation infrastructure
6	Machining and Fabrication Innovation	Advanced machining and fabrication technologies, including prototype development, materials substitution, process optimization, and market
7	Water Resource Management Technologies	Water treatment systems, desalination technologies, wastewater recycling solutions, and smart irrigation systems
8	Renewable / Sustainable Energy Technologies	Renewable energy technologies, energy storage systems, energy efficiency solutions, and grid integration technologies
9	Nutraceuticals	Innovative processing/packaging solutions, and safety systems derived from food sources with health benefits and nutritional value

10	New Farming Technologies	Precision agriculture mechanization, emerging farming systems (hydroponic/aeroponic solutions), and remote sensing technologies
11	Farm Mechanization and Digital Integration	Mechanization technologies, digital farming solutions, and integrated agricultural management systems
12	Disaster Risk Reduction Technologies	Early warning systems, resilient infrastructure solutions, disaster response technologies, and community resilience

**V. EFFECTIVITY**

This Memorandum Circular shall take effect immediately upon its posting at the DOST-TAPI official website unless otherwise expressly revoked or superseded by future issuances.

Taguig City, 26 February 2024.

  
**ATTY. MARION IVY D. DECENA**  
Director