

2023/2024

# DEPARTMENT OF INDUSTRIAL TECHNOLOGY

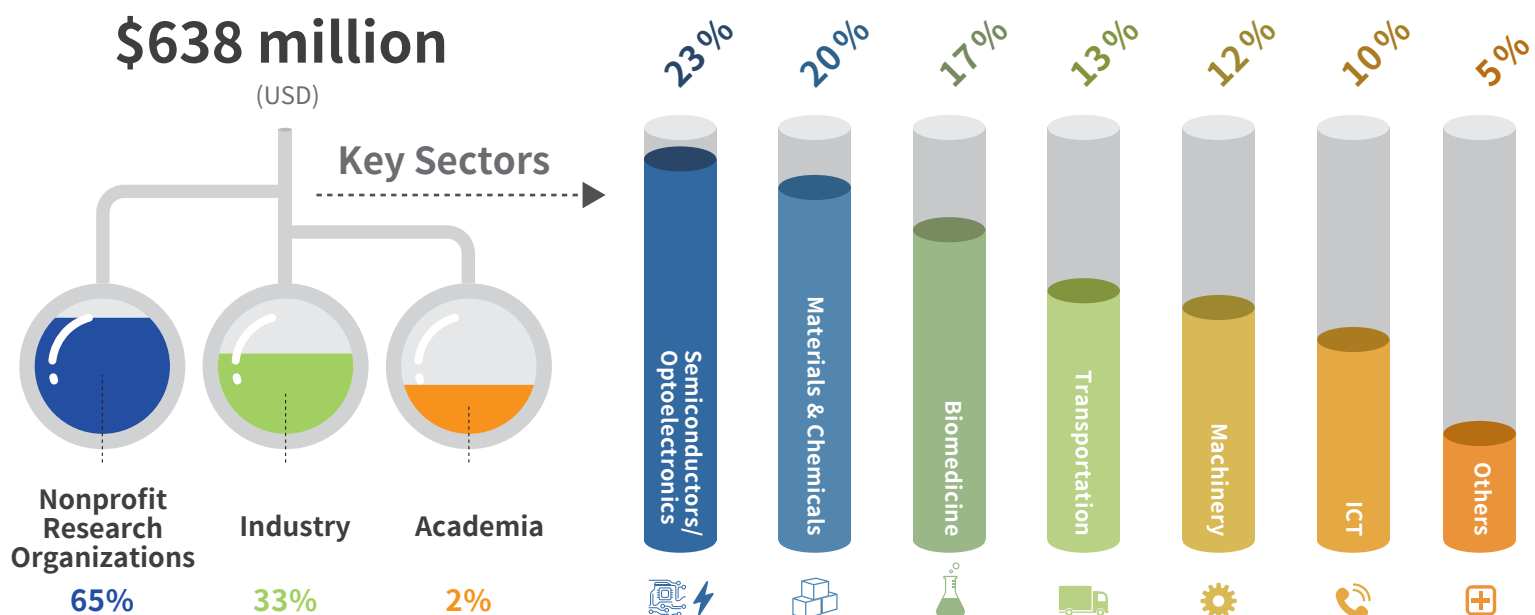
Innovation · Foresight · Transformation



# Budget Allocation for TDPs

(1 USD = 31.13 TWD as of 3 July, 2023)

FY 2023

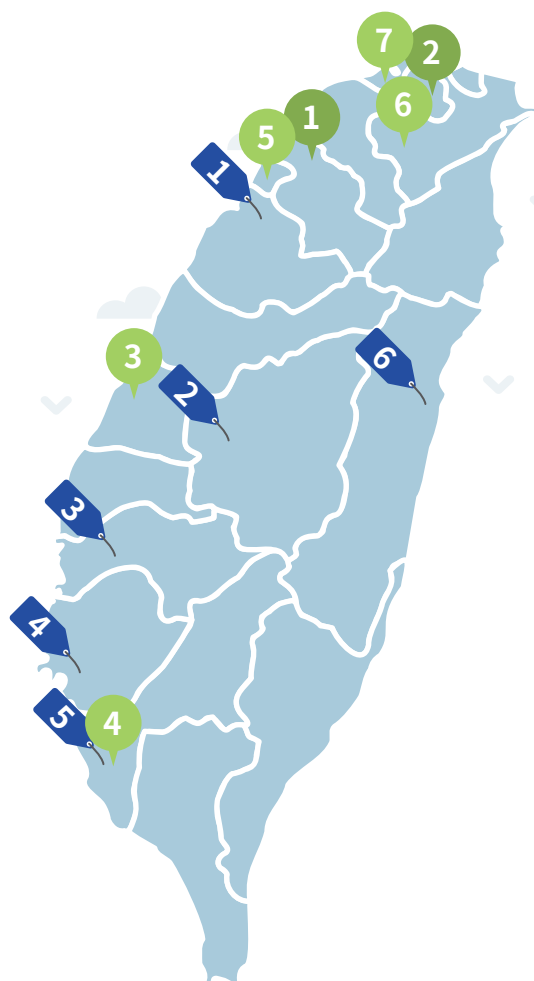


## TDP for Nonprofit Research Organizations

Support more than 20 research organizations, including 7 major partner institutes, in developing key advanced industrial technologies and establishing industrial innovation corridors; improving the R&D environment and infrastructure; promoting interdisciplinary collaboration and facilitating R&D results for industrial applications.

### Partner Institutes

- 1 Industrial Technology Research Institute (ITRI)  
[www.itri.org.tw/english](http://www.itri.org.tw/english)
- 2 Development Center for Biotechnology (DCB)  
[www.dcb.org.tw](http://www.dcb.org.tw)
- 3 Automotive Research & Testing Center (ARTC)  
[www.artc.org.tw/en](http://www.artc.org.tw/en)
- 4 Metal Industries Research & Development Centre (MIRDC)  
[www.mirdc.org.tw/English](http://www.mirdc.org.tw/English)
- 5 Food Industry Research and Development Institute (FIRDI)  
[www.firdi.org.tw/En\\_Firdi\\_Index.ASPX](http://www.firdi.org.tw/En_Firdi_Index.ASPX)
- 6 Taiwan Textile Research Institute (TTRI)  
[www.ttri.org.tw/eng](http://www.ttri.org.tw/eng)
- 7 Ship and Ocean Industries R&D Center (SOIC)  
[www.soic.org.tw/en](http://www.soic.org.tw/en)



### Local Industrial Innovation Clusters

- 1 Miaoli Industrial Innovation Promotion Center  
[www.miipc.org](http://www.miipc.org)
- 2 Central Taiwan Innovation Campus  
[www.ctirp.org.tw](http://www.ctirp.org.tw)
- 3 Chiayi Industry Innovation and Research Center  
[enwww.ciic.org.tw](http://enwww.ciic.org.tw)
- 4 Southern Taiwan Innovation & Research Park  
[www.sirdp.org.tw](http://www.sirdp.org.tw)
- 5 Traditional Industries Innovation Centre  
[tiic.mirdc.org.tw](http://tiic.mirdc.org.tw)
- 6 Eastern Taiwan Industrial Technology Service Center  
[www.eitsc.org.tw](http://www.eitsc.org.tw)

## TDP for Industry



### A+ Industrial Innovative R&D Program

Subsidize enterprises to conduct R&D into innovative and advanced technologies; engage in activities from innovation to value creation; connect with R&D systems in multinational corporations; optimize Taiwan's industrial ecology and boost global competitiveness.

A+ Industrial Innovative R&D Program Office  
☎ (+886)-2-2341-2314 #2215 🌐 [aiip.tdp.org.tw](http://aiip.tdp.org.tw)



### Startup Value Creation Program (SVCP)

Bolster academia to promote and nurture new and innovative businesses with advanced technologies; transform promising R&D results into market opportunities, and enable spin-off startups to build emerging technology industry clusters.

Academia TDP Office  
☎ (+886)-2-2394-6000 #2804 🌐 [tdpa.tdp.org.tw](http://tdpa.tdp.org.tw)



### R&D 100 Awards

Taiwan: Asia's #1 in 2023! Our TDPs won 9 awards and continued a 16-year winning streak. Over 90% of award-winning technologies were adopted by companies, fueling startup growth.



### Edison Awards

Taiwan: Global #3 in 2023! Our TDPs achieved in medical technology, AI innovation, and aerospace materials with a stunning collection of 7 medals: 2 gold, 2 silver, and 3 bronze.

TDPs have performed exceptionally well in the international market, demonstrating Taiwan's strength in innovative R&D and its ability to keep pace with trends in global technology.

## Highlights

FY 2022

### TDP for Nonprofit Research Organizations & Academia



- **4,834** Technology Transfers & Contract Services
- Received **US \$99M** in revenue
- Created **25 Spin-offs**

### TDP for Industry



- Attracted **US \$439M** in business investment (\$125M more than the previous year)  
An average of **7.5 times** the return on investment per dollar funded
- Generated **US \$2,547M** in output value (\$617M more than the previous year)

# About DoIT

The **Department of Industrial Technology** (DoIT) promotes the research and innovation of industrial technology in Taiwan. Through its Technology Development Programs (TDPs), DoIT leverages the resources of research institutes, industry and academia; develops advanced technologies with potential industrial applications, fosters the development of emerging industries, and promotes industrial innovation and transformation.



## Technology Program Administration Section

(+886)-2-2321-2200 ext.8139

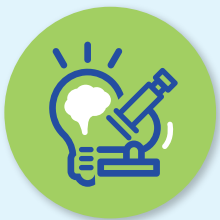
- Coordinate the management, systematic evaluation and review of the TDPs.
- Manage the performance evaluation, affairs of various foundations, and the innovation centers under the department.



## Technology Policy Section

(+886)-2-2321-2200 ext.8162

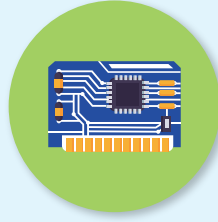
- Allocate budgets and resources to the TDPs; draft legal regulations for technology development and industrial applications.
- Formulate industrial technology policies, promote international R&D collaboration to enhance innovation, and publicize TDP achievements.



## Innovation and Startups Section

(+886)-2-2394-6000 ext.2569

- Facilitate industry-academia research collaboration; focus on high-value and highly competitive innovative R&D technologies, and cultivate teams with value creation potential.
- Promote ecosystems that commercialize TDP results and accelerate the spin-off of startups; develop international innovation and entrepreneurial networks, and proactively pursue global partners for market validation.
- Foster the TDPs for Industry and Academia.



## Electronics and ICT Section

(+886)-2-2394-6000 ext.2599

- Develop semiconductor and display technologies to diversify innovation in the smart technology field in Taiwan.
- Optimize the wireless communication technology R&D and application environment; accelerate the integration of software and hardware, and enhance domestic R&D capacity and industrial development.



## Machinery and Transportation Section

(+886)-2-2321-2200 ext.8179

- Promote smart machinery; create cloud market and service modules; improve the autonomy of key components; develop advanced, recycled metals and build process technologies to enhance industrial competitiveness and international integration.
- Develop smart transportation and electric vehicle technologies and promote innovative applications for the local adoption of unmanned vehicles.



## Biomedical and Materials Section

(+886)-2-2321-2200 ext.8190

- Combine biomedical technologies with ICT to develop precision medicine, regenerative medicine, advanced medical devices and food-related bioresources.
- Implement new green materials, recycling and textile technologies to drive the development of industry toward a circular economy.



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[www.moea.gov.tw/MNS/doi\\_e](http://www.moea.gov.tw/MNS/doi_e)

Edited and printed by the Taiwan Institute of Economic Research