



# DEPARTMENT OF INDUSTRIAL TECHNOLOGY

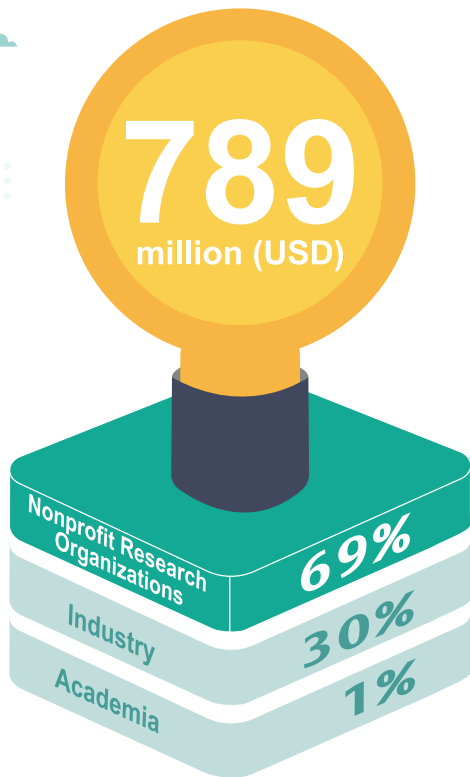
Innovation · Foresight · Transformation

**2024 / 2025**

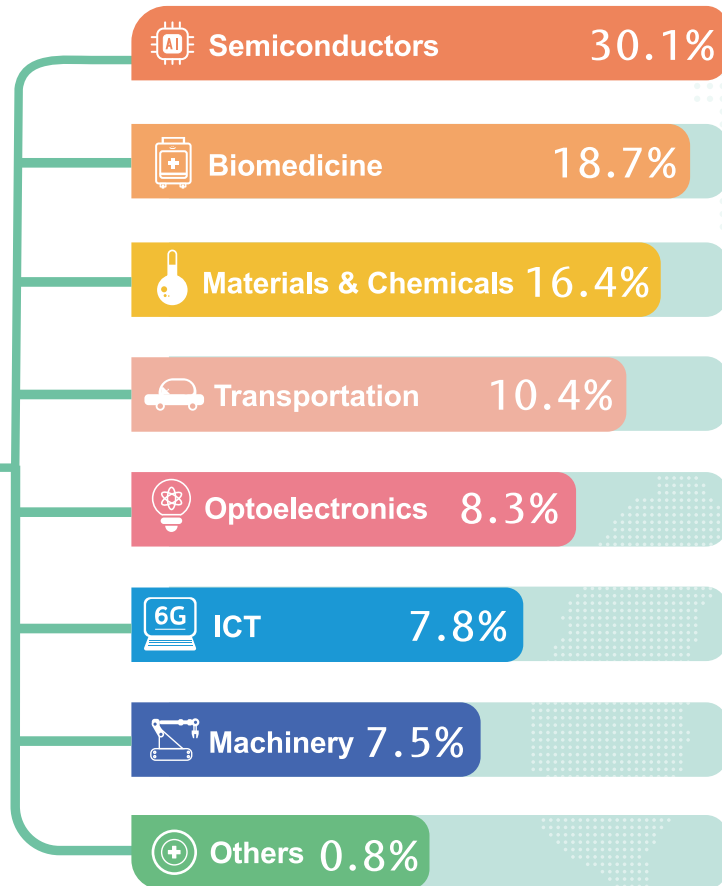


# Budget Allocation for TDPs

(1 USD = 32.375 TWD as of 1 Aug, 2024) 2024



## Key Sectors

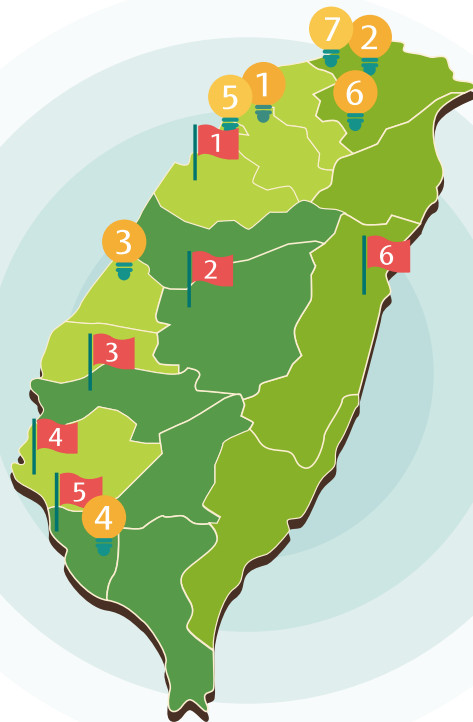


# TDP for Nonprofit Research Organizations

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 Industries 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**  
[www.ciic.org.tw](http://www.ciic.org.tw)
- 4 Southern Taiwan Innovation and 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

🌐 <https://service.moea.gov.tw/EE514/tw/aqip>

📞 +886-2-2341-2314 # 2215

# TDP for Academia



## 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

🌐 <https://service.moea.gov.tw/EE514/tw/tdpa>

📞 +886-2-2394-6000 # 2804

## R&D 100 Awards



2024 Taiwan: #1 in Asia and #2 Globally! Ministry of Economic Affairs supported and won 13 awards, continuing a 17-year winning streak, with more than 90% of award-winning technologies adopted by businesses, driving the growth of new start-ups.

## Edison Awards



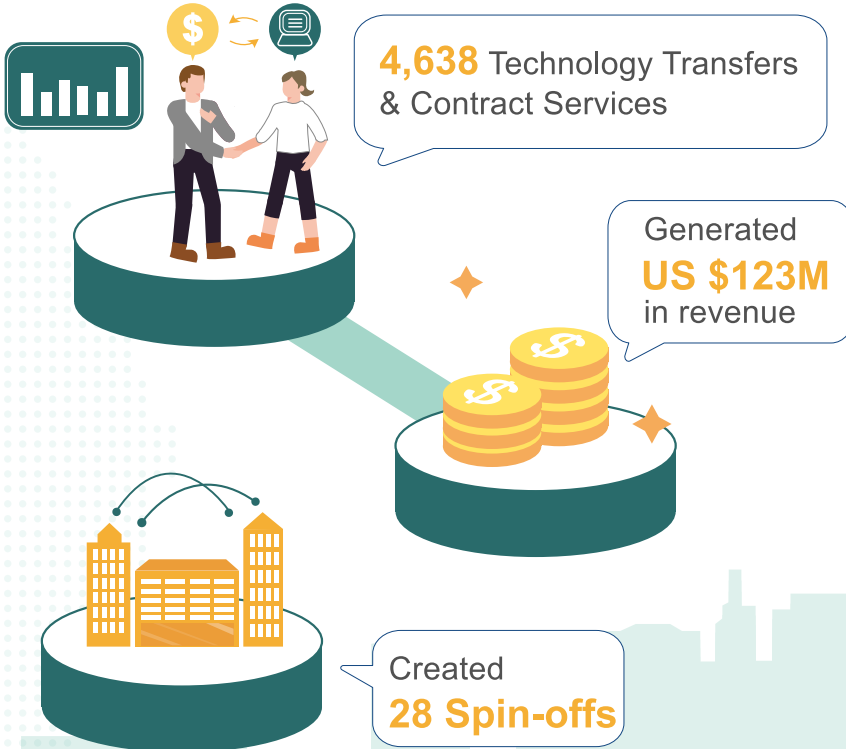
2024 Taiwan: #3 Globally! Our TDPs were successful across biomedical, textiles, displays, machinery, and metal processing, earning a historic best with two gold, four silver, and two bronze medals.

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.

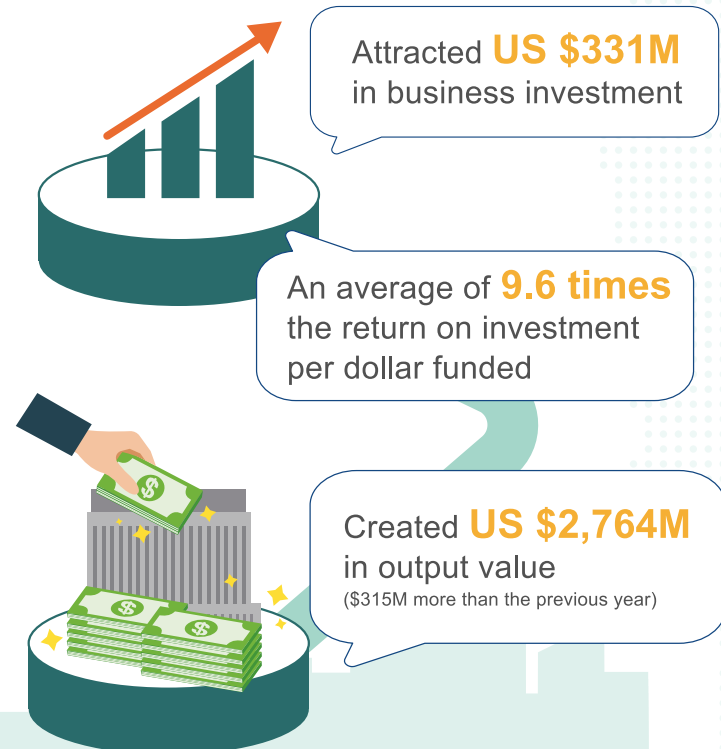
2023

# Highlights

## TDP for Nonprofit Research Organizations & Academia



## TDP for Industry



# 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 Policy Section

- 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.

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## Technology Program Administration Section

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

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## Innovation and Startups Section

- Promote the transformation of high-potential, cutting-edge technologies from academia and legal entities into startups.
- Subsidize industries to advance cutting-edge R&D technologies.

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## Electronics and ICT Section

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

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## Machinery and Transportation Section

- Develop key technologies for smart electric vehicles and promote innovative applications in the unmanned vehicle industry.
- Enhance the autonomy of key components, and develop advanced, recycled metals along with construction process technologies.

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## Biomedical and Materials Section

- Combine biomedical technologies with ICT to develop precision medicine, regenerative medicine, advanced medical devices and food-related bioresources.
- Promote the development of net-zero carbon reduction technologies and essential materials for daily life; develop high-value, differentiated, and sustainable petrochemical and textile materials and technologies.

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