

2025 NORTH TEXAS – TAIWAN TECHNOLOGY SUMMIT

INNOVATION OF INDUSTRY-ACADEMIA COLLABORATION AND TALENT CULTIVATION IN TAIWAN

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ACT FOR THE INNOVATION OF INDUSTRY-ACADEMIA COLLABORATION AND TALENT CULTIVATION IN KEY NATIONAL FIELDS - TAIWAN

- ◆ Semiconductors
 - ◆ Information and Communication Technology (ICT)
 - ◆ Intelligent Manufacturing
 - ◆ Sustainable Energy and Circular Economy
 - ◆ Biotechnology and Pharmaceuticals
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- Degree conferred: Master (MS/ME) and Ph. D.
 - 11 public universities endorsed by Ministry of Education
 - 50% of the funding endowed by private sectors, 50% by National Development Fund (NDF)

KEY STRENGTHS AND CHALLENGES OF TAIWAN

- ◆ Economic Powerhouse in Technology: a global leader in semiconductor manufacturing
 - ◆ Highly Skilled Workforce and Education: a robust education system emphasizing innovation and research
 - ◆ Strategic Location: serving as a key logistics and trade hub in Asia-Pacific
 - ◆ Democratic Government and Civil Liberties: a model for democratic governance in Asia
 - ◆ Cultural Heritage and Tourism: blending Chinese cultural traditions with indigenous influences and modern creativity
 - ◆ Healthcare System: NHI provides affordable and comprehensive healthcare coverage
 - ◆ Environmental Beauty and Biodiversity: diverse landscapes from mountains and beaches to hot springs and forests
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- Geopolitical Tensions: ongoing military threats and diplomatic isolation from China
 - Economic Dependence on Technology Exports: vulnerable to global market shifts and competition
 - Aging Population and Workforce Challenges: a need for reforms and policies to boost fertility and support seniors
 - Environmental Vulnerabilities: natural disasters such as typhoons and earthquakes, landslides
 - Energy Dependence: majority of the energy are imported
 - International Recognition