

勤精正誠



NATIONAL
FORMOSA
UNIVERSITY

Industry



4.0



Regional Policy Forum: UK-EA Higher Education Partnerships for Industry Engagement

NFU Experience

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National Formosa University**

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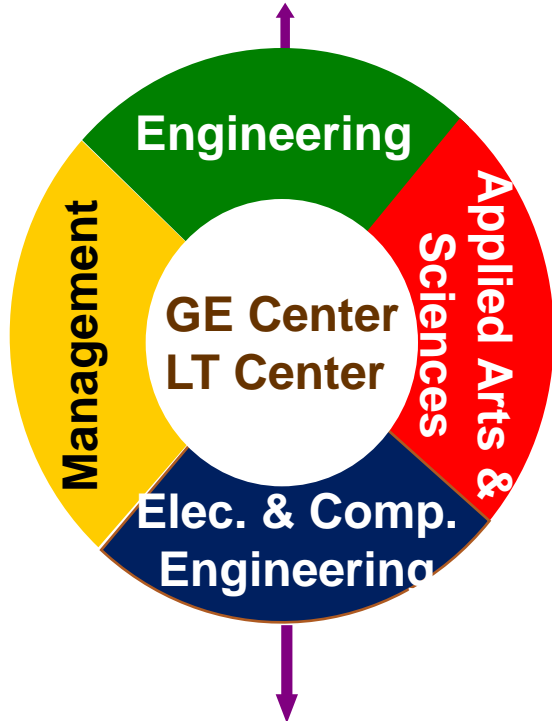
Introduction of NFU



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Mechanical and Computer-Aided Engineering
Power Mechanical Engineering (Ph.D.)
Materials Science and Engineering
Mechanical Design Engineering

Automation Engineering
Vehicle Engineering
Aeronautical Engineering



Industrial Management
Information Management
Finance
Business Administration

4 Colleges
20 Departments
18 Master's Programs
2 Ph.D. Programs

Biotechnology
Leisure and Recreation
Multimedia Design
Applied Foreign Languages
Agriculture Technology

Center for General Education
Language Teaching Center

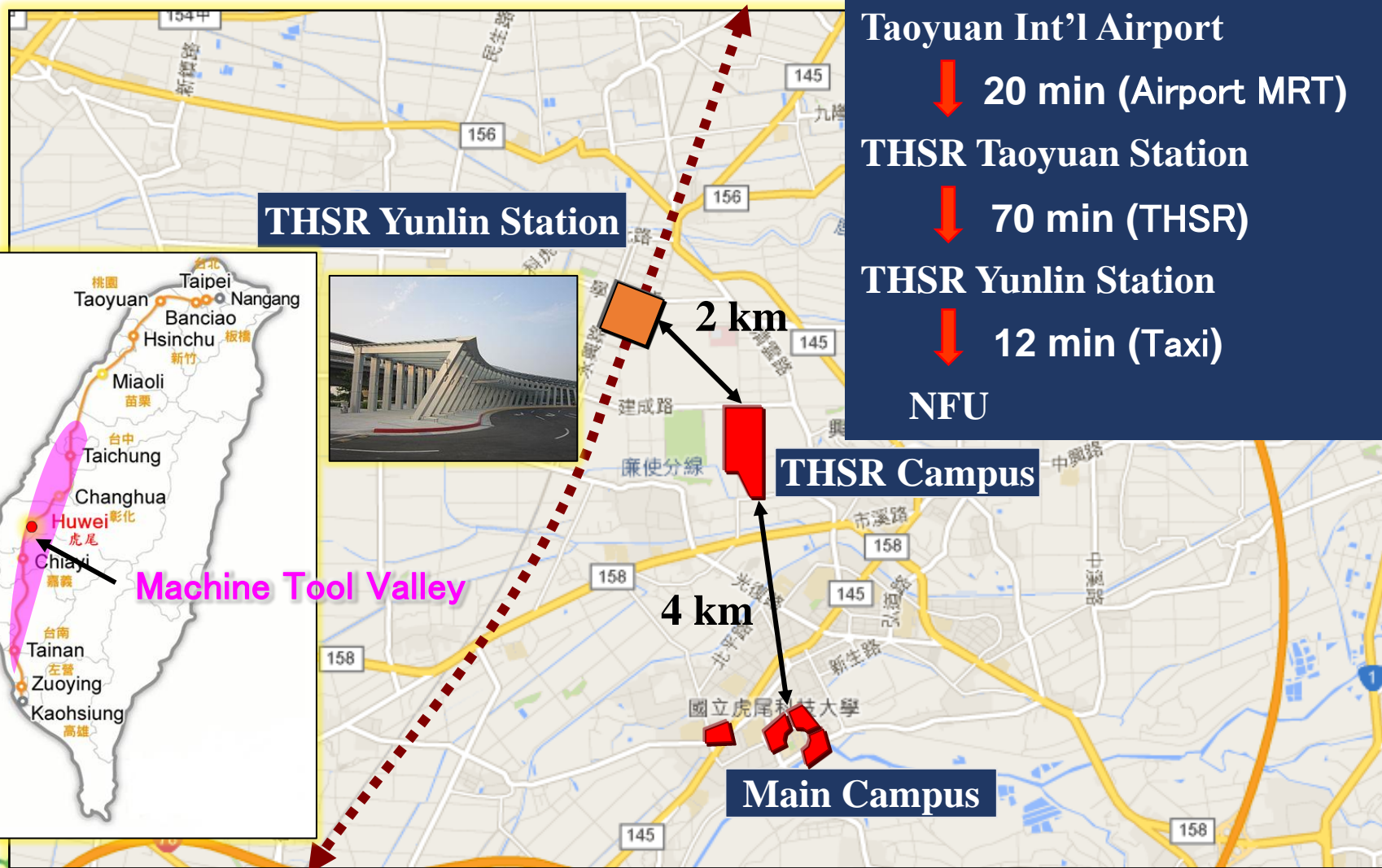
Electro-Optics Engineering (Ph.D.)
Electrical Engineering
Computer Science and Information Engineering
Electronic Engineering

Introduction of NFU

Location & Access



Industry



Introduction of NFU



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➤ Smart Machine and Intelligent Manufacturing Research Center (SMIM)

SMIM Research Center at NFU was established in 2003.

Five-year industrial-academic collaboration

- 23 cases of Technology transfer (total USD 1.33 million) ;
- 49 cases of Industry-requested plans (total USD 4.73 million);
- 127 patents obtained (US:11; EU:3; JP:2, CN:2; KR:1);
- 8 commercial products has developed, such as Laser R-Test and Smart Machine Engine.



Laser R-Test



Smart Machine Engine

Case 1: Ministry of Economic Affairs

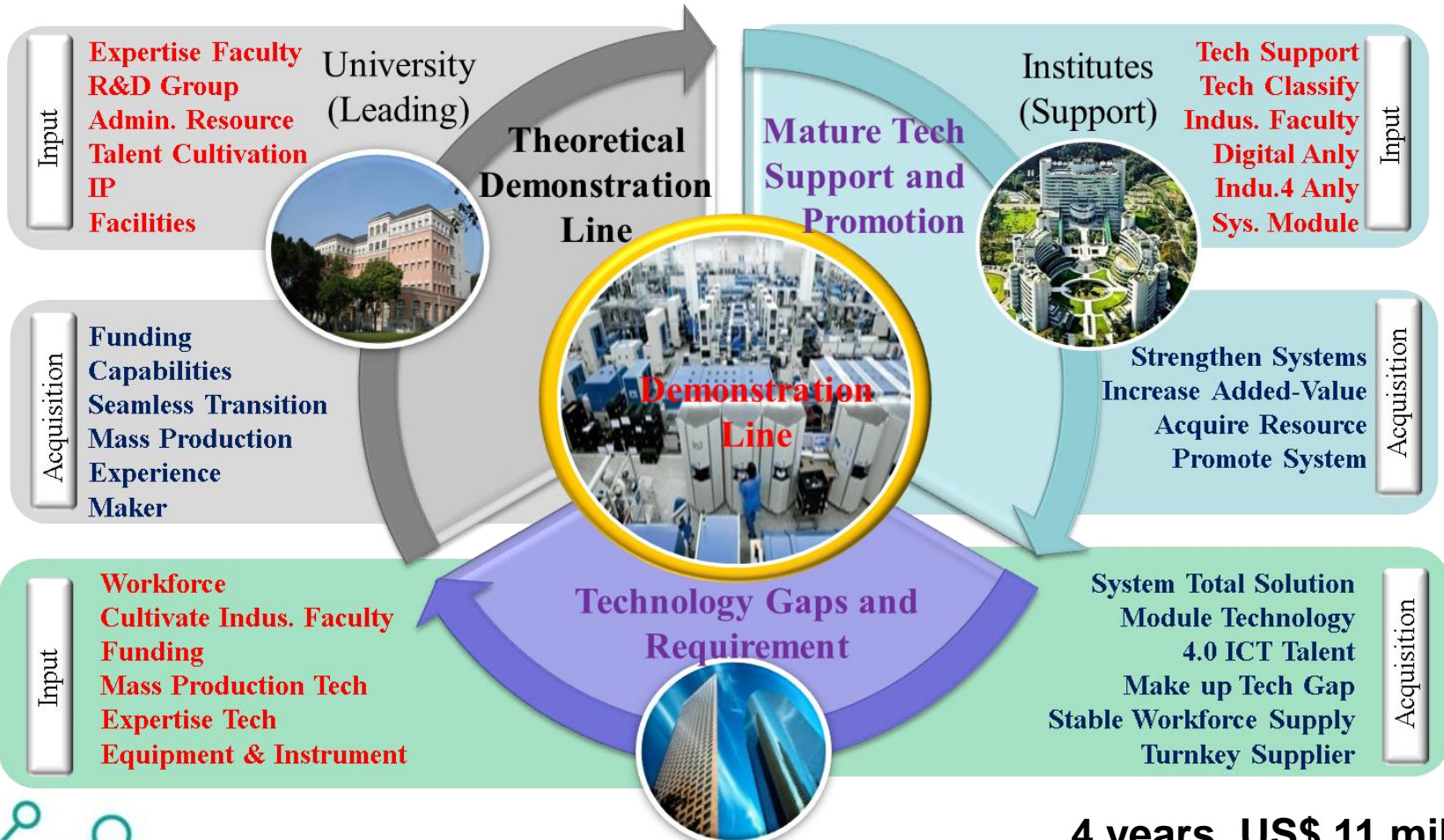


➤ Machine Tool Industry-Academia-Institute Flagship Project

Industry

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4 years, US\$ 11 million

Case 2: Ministry of Science and Technology



Global Research & Industry Alliance

Industry

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The Alliance of Advanced Manufacturing for the Aerospace Processing Supply Chain

Department of Aeronautical Engineering
Smart Machine & Intelligent Manufacturing Research Center
Aviation Maintenance Training Center

Aerospace Industry

2 years, US\$ 1.5 million

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Taiwan x 4.0

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- Thanks for your attention-