PREPARING PEOPLE FOR THE FUTURE
Employable & Mismatched
The future of Education is about COLLABORATION
Cooperative Education

128 Universities
(57 Oversea, 71 Local)

840 Projects

1505 Participants
(355 Non-Thais, 1150 Thais)

Oversea Universities
Since 2012

Since Year 2008
Inter Co-op Joined in Year 2012

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<table>
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<th>Internationalized CWIE @ Western Digital</th>
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<tr>
<td>Australia</td>
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<td>France</td>
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<td>Kazakhstan</td>
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Cooperative & Work-Integrated Education (CWIE)

Applicant Students: BS, MS, PhD.
Student Performance Score: Before & After Coop Program

Source: SUT 2021 Survey
"Today, graduating with a degree doesn't help you get a job, it simply puts you on the same level as all other job seekers -- co-op is my secret weapon that will make me stand out to employers."

Lexi Mills,
University of Victoria, Canada
TALENT MOBILITY

- Fundamental Science to Create Know-Why
- Researchers and Research Assistants (B.S., M.S., and Ph.D. Students)
- CWIE (Co-op)

- Solutions Based Know-How
- Quick Fix

2007

2012 Onward

2021

9 Government Institutes
20 Universities
344 Researchers
253 Research Topics
WEF Global Lighthouse Network Award*

*A World Economic Forum (WEF) initiative in collaboration with McKinsey & Company

Prachinburi Site 4IR Factory
Scale Up/Impact

- **Procurement Material Cost Avoidance**: ↓32%
- **Scrap Cost Avoidance**: ↓41%
- **Logistic Cost**: ↓46%
- **Increased Factory Output**: ↑123%
- **Annual Rate-of-Return Improvement Over Two Years**: ↓43%

CHALLENGES

INDUSTRY 3.0
10x Factory
Frontlines

INDUSTRY 4.0
100x ROI
SCOPE
STAFF CHANGE
Global Offices
Talent Transformation

Retire

Retrain

Recruit
Industry 4.0 – Technological Pillars

- Cognitive Computing
- Cybersecurity
- RFID Technology
- Cloud Computing
- Internet of Things
- Mobile Technology
- Big Data/Analytics
- Machine to Machine
- Advanced Robotics
- 3D Printing
SKILLS
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SKILLS
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SKILLS
SKILLS
SKILLS
SKILLS
LAUNCH THAILAND YOUNG TALENT PROGRAM

INDUSTRY 4.0

22 NCG CANDIDATES
Thank you