INTEL
&
EDUCATION ALLIANCE

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INTEL IN VIETNAM


- $1B investment project.
- Largest Assembly & Test facility of Intel in the world
- 5ha clean room Facility
- 2010: started production with increasingly more complex technologies (~ 50% chipsets worldwide)

INTEL WORK FORCE OVERVIEW

- Both Technical & Non-Technical engineers are needed.
- High quality graduates.
- Diversification & growth of local work force to leadership role (technical & management).
- Intel education work in Vietnam is not just about staffing, it's about supporting education transformation to sustain economic growth.

INTEL GLOBAL EDUCATION INITIATIVES

Intel spends ~US$ 100 million a year on various education initiatives worldwide. New Thinking + New Skills, Enabled by Technology➔ Economic Empowerment.

Inclusion and Empowerment

Higher Education

K-12 Education

Innovation for Employability

INTEL VIETNAM HIGHER EDUCATION INITIATIVES

Intel Vietnam Scholars (IVS)

2009-2014
$7M total cost of program

- To complete last two years of BS Engineering degree in the US.
- Total 73 scholars in 3 cohorts; (Cohort 3 is a female -dominant 16 females, 5 males)

RMIT Vietnam Scholars Program

2010-2014
$40k/student; $2M total cost

- 41 Intel sponsored Master Degree students,

HEEAP

2010-2017

Phase 1 $5M total: $2.6M Intel ; $2M USAID; $400K ASU

Phase 2 $40M total: $7M Intel; $2.4M USAID; $7M MOET; $10 MOLISA; (+ $111M Industry donations)

- Government, Academia & Industry
- Starting with standards-based curriculum and teaching methodologies in Engineering and Vocational Education.
- Pilot with 8 the universities and vocational colleges. Arizona State University is executing agency.

HEEAP (*HIGHER ENGINEERING EDUCATION ALLIANCE PROGRAM*)- COMPONENTS

Leadership Development

625 current/future leaders

Government/academia, administrative functions

From vision to assessment

Succession planning

At ASU and in-country

TOTAL COST: $6.4M

Faculty Development

1000+ faculty trained, ASU and in-country (TTT)

Implement TA/eLearning

Project-based teaching

Course evaluations

Student assessments

TOTAL COST: $22M*

Diversity & Instructional Expert

Diversity as a value: Education, Goals, Rewards

College infrastructure: diversity recruiting, support

Scholarships &marketing/promotions

PhD fellowships for current/future female faculty

TOTAL COST: $1.5M

Curriculum/ Labs

Curriculum projects

In-kind donations

Physical buildings (colleges)

TOTAL COST: $150K cash (+$111M in kind)

Distance Education

Partner network

Course development

Course delivery

Faculty collaboration

Industry needs

TOTAL COST: $2M

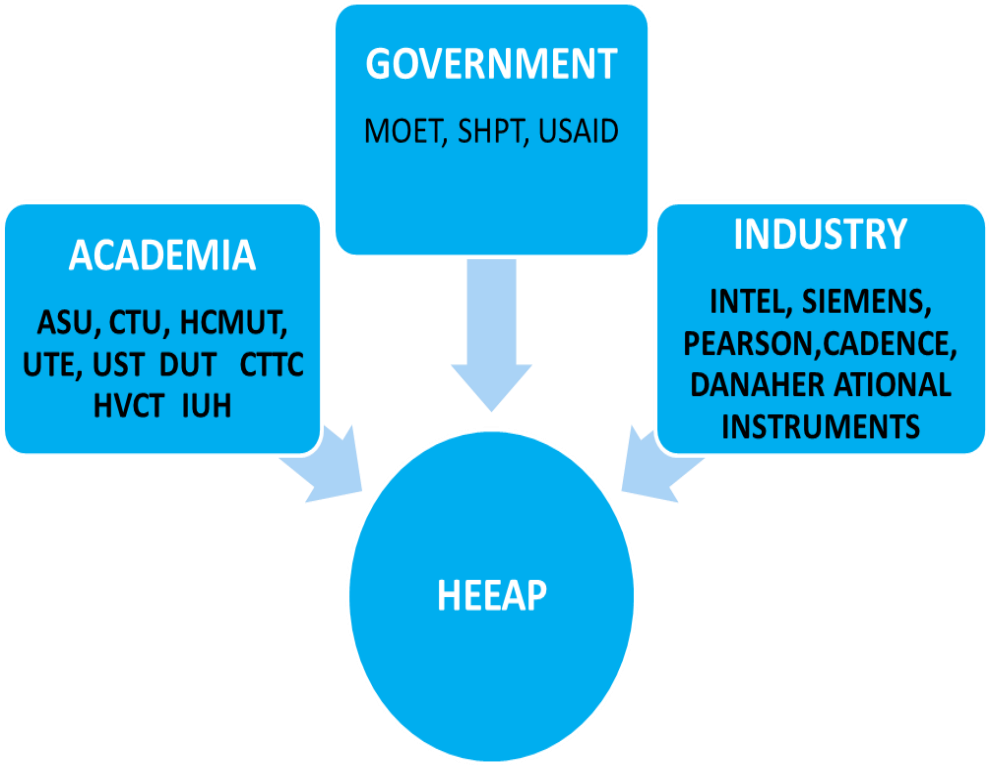
English

"Go English"— what, how, when

Vietnam ESL Portal

TOTAL COST: $2.5M

HEEAP – COLLABRATION MODEL



- **Government:** policy, infrastructure, incentives.
- **Academia:** contents, standards, trainers, implementation.
- **Industry:** training needs, system thinking, strategic vision, concepts, technology, equipment, students internships.

HEEAP - OBJECTIVES

- 100% ABET-compliant Engineering and Vo-tech curricula, with modern labs
- Taught in English with English-language textbooks
- 100% of educators in all Engineering departments trained in modern teaching methodologies.
- Academic leaders and management trained in modern administrative policymaking.
- More female educators and students.
- Government policies, incentives.

Partnership & cooperation will make the model successful, scalable.

THANK YOU