Regional TVET Conference in Viet Nam  
*TVET Quality Breakthrough*

Key Factors for Sustainable Cooperation with Enterprises in TVET Delivery – Malaysian Experiences

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German Malaysian Institute
Key Factors for Sustainable Cooperation with Enterprises in TVET Delivery – Malaysian Experiences

- Structure of Presentation -

• Pillars toward Malaysia’s industrialization
• Demand of highly skilled workers and efforts taken at Govt Agency level
• Training Institution perspective on the enhancement in Practices with Enterprises
• Sharing remarks
Key Factors for Sustainable Cooperation with Enterprises in TVET Delivery – Malaysian Experiences

Pillars toward Malaysia’s industrialization
Pillars toward Malaysia’s industrialization

"...four key thrust to transform the country into a high income economy by 2020 " – Prime Minister

**Vision 2020**
*Develop high-income economy*

- **New Economic Model / Economic Transformation Report**
  - 8 strategic Reform Initiatives (SRIs)
  - To promote inclusiveness and sustainability

- **Government Transformation Program**
  - 8 National Key Result Areas (NKRA)
  - To ensure effectiveness in the delivery of government services

- **Economic Transformation Program**
  - 12 National Key Economic Areas (NKEA)
  - 131 Entry Point Projects
  - Projected to result in RM0.8 Tn incremental GNI by 2020

- **10th Malaysia Plan**
  - Development plan for next 5 yrs
  - Focuses on economic growth, socio-economic inclusion, developing talents & transforming the government
Pillars toward Malaysia’s industrialization

**ETP Education: Scale-up Skills Training Provision**

- Promoting closer links with industry
- Harmonise skill training
- Increase availability of demand-side funding
- Conduct awareness campaign
- Articulate the professional pathway
- Increase number of qualified instructors
- Assist providers in attracting students
Pillars towards realization of Malaysia’s industrialization

Policy Guidelines in 10th Malaysian Plan

Emphasize on TVET

- Improving the Perception of TVET and Attracting More Trainees
- Upgrading and Harmonising TVET Curriculum Quality in Line with Industry Requirements
- Developing Highly Effective Instructors
- Streamlining Delivery of TVET

1,031,000 managers & professionals
1,434,000 skilled workers
482,000 semi-skilled workers
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DEMAND OF HIGHLY SKILLED WORKERS AND TVET
Demand of highly skilled workers and TEVT

TEVT primed to play a major role, with projected increased demand from NKEAs under ETP.

40 % of employees needed by 2020 are TEVT trained
Demand of highly skilled workers

33% from 28% in 2010

Strategy
To fulfill industry requirements of highly skilled workers through Up-skilling programs of graduates, employees, TEVT graduates.

Better higher qualification and response to technology changes is the key.
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Efforts taken at Govt Agency level
Efforts taken at Govt Agency level

The National Dual Training System (NDTS)

NDTS is an **industry-oriented training** that combines **workplace** under **actual work conditions** and **institutional training**.
Enterprises participating in NDTS
**Efforts taken at Govt Agency level**

**Certification from Industrial Lead Bodies**

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<td>Communication, Content &amp; infrastructure (CCI)</td>
<td>Multimedia Development Corporation</td>
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TRAINING INSTITUTIONS PERSPECTIVE
Training Institutions Perspective

Employees must have the willingness for life long learning and be able to work in networks and teams, always anticipating tomorrow's needs at the workplace.

Activities

- Curriculum Development and Review
- External Source to Training Supplement
- In Company Training
- Specialize Training
Training Institutions Perspective

Career Talks
Recruitment
Training of Employees
Training Institutions Perspective

Convocation or Graduation
Annual Dinner
Corporate Social Responsibility Events
Enhancement in Practices with Enterprises

Project based Learning
Enhancement in Practices with Enterprises

Project based Learning

Automatic Corn Kernel Packaging Machine
Enhancement in Practices with Enterprises

Project based Learning
Enhancement in Practices with Enterprises

Project based Learning
Enhancement in Practices with Enterprises

Transform the Plastics Industry from Original Equipment Manufacturing (OEM) to Original Design Manufacturing (ODM) and high end products

• Cooperation with Malaysian Plastic Manufacturers Association
• GMI becomes the Central Regional training partner
• Course facilitated by international expert in Plastic Mould Injection
• Participants are machinists and mould makers from various industries in Klang valley
• Example of Learning from Industry Experts for Industry
Next Steps
How to have sustainable cooperation?

- Engagement with Enterprise
- Mutual Understanding
- Create activities
- Acknowledgement or celebrate success
- Flexibility
- Patience and time
Final Remarks

Key Factors for Sustainable Cooperation with Enterprise in TVET

Institutions need to gradually be or have
- Enterprise Demand Driven
- Dynamic Training Approach
- Entrepreneurial Instill
- Accreditation and Recognition
- Life Long Learning
and of course
- Strong political will and support