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Technical and Vocational Education in Malaysia

Jennifer Wan, British Council Malaysia

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Net Natives



Technical and Vocational Education (TVET)

1964

- **IKBN Dusun Tua** under MoYS, to provide skills training.
- **ILP Kuala Lumpur** under MoHR, to provide skills training.

1969

- **Ungku Omar Polytechnic** under MoE, to provide TVET training.

1986

GIATMARA Pekan, and 2 other institutions under MARA, to cater skills training for the less academically inclined students.

1998

JMTI under MoHR, cooperation between Malaysia- Japan to provide TVET training for industry

2000

- **UniKL MiAT** under MARA, to provide TVET training for higher education
- **ADTEC Batu Pahat** under MoHR, to provide high-skilled TVET training.
- **Kolej Kemahiran Tinggi MARA** Pasir Mas under MARA, to provide high-skilled TVET training.

2004

Kolej Pertanian Bukit Tinggi under MoA, to provide skills training in agriculture.



1968

IKM Jasin under MARA, to provide skills training

1983

CIAT commissioned under the ASEAN HRD Project in collaboration with MoHR, for training of TVET instructors.

1992

GMI under MARA, to provide high-skilled TVET training.

1999

MTUN consists of 4 public universities to provide higher education for TVET

2001

- **Community College** under MoE, to provide TVET training and lifelong learning
- **Akademi Binaan Malaysia** under CIDB, MoW for skills training in construction

2012

Vocational College, under MoE to provide TVET training for post-lower secondary students.

Economic Transformation Programme (ETP)



Education NKEA: 17 Entry point projects

EPP 1	Scaling Up Private Early Childcare and Education Centres	3,891.60	129,956	Nationwide	EPP 9	Building an Advanced Engineering, Science and Innovation Discipline Cluster	635.9	4,308	Nationwide
EPP 2	Improving Early Child Care and Education (ECCE) training	338.3	370	Nationwide	EPP 10	Building a Hospitality and Tourism Cluster	617.9	2,314	Nationwide
EPP 3	Scaling Up International Schools	2,644.20	10,371	Nationwide	EPP 11	Launching EduCity@Iskandar	1,015.7	1,164	Johor
EPP 5	Scaling Up Private Skills Training Provision	2,100	12,400		EPP 12	Championing Malaysia's International Education Brand	2,787.7	152,672	Nationwide
EPP 6	International Expansion of Distance Learning	350.5	3,920	Nationwide	EPP 13	Introducing public-private partnerships in basic education	160.2	1,010	Nationwide
EPP 7	Building an Islamic Finance and Business Education Centre	1,189.9	4,365	Nationwide	EPP 14	Building a Games Development Centre	6	105	Nationwide
EPP 8	Building a Health Science Education Discipline Cluster	2,869.9	11,854		EPP 15	Establishment of Branch Campuses For Foreign Universities			
					EPP 16	Establishment of Not-For-Profit Education Institutions			
					EPP 17	Transforming Malaysia into a Leading Accountancy Hub			

Eleventh Malaysia Plan: 2016 - 2020

Strategic Thrusts



1 Enhancing inclusiveness towards an equitable society



2 Improving wellbeing for all



3 Accelerating human capital development for an advanced nation



4 Pursuing green growth for sustainability and resilience



5 Strengthening infrastructure to support economic expansion



6 Re-engineering economic growth for greater prosperity

Transforming TVET to meet industry demand

Strengthening the governance of TVET for better management

Enhancing quality and delivery of TVET programmes to improve graduate employability

Rebranding TVET to increase its attractiveness

Malaysia Higher Education Blueprint: 2015 - 2025

What are the 10 Shifts needed to transform the system?



- Enhance **industry-led** curriculum
- Create an integrated and coordinated **governance** structure
- **Streamlining** qualifications
- **Rebranding** TVET

Budget 2017: Education

- **Total federal budget – RM260.8bil**
- **RM52.4bil (20%)** for education
- **RM4.6bil** for the development of TVET, esp in infrastructure
- **RM360mil** for the Skills Development Fund Corporation
- **Others:**
 - Double taxation deduction for companies providing internships

Uncoordinated
Governance

Lack of
recognition for
qualifications

**ISSUES AND
CHALLENGES**

Fragmented
delivery

Competency
gaps among
instructors

Key opportunities for the UK sector

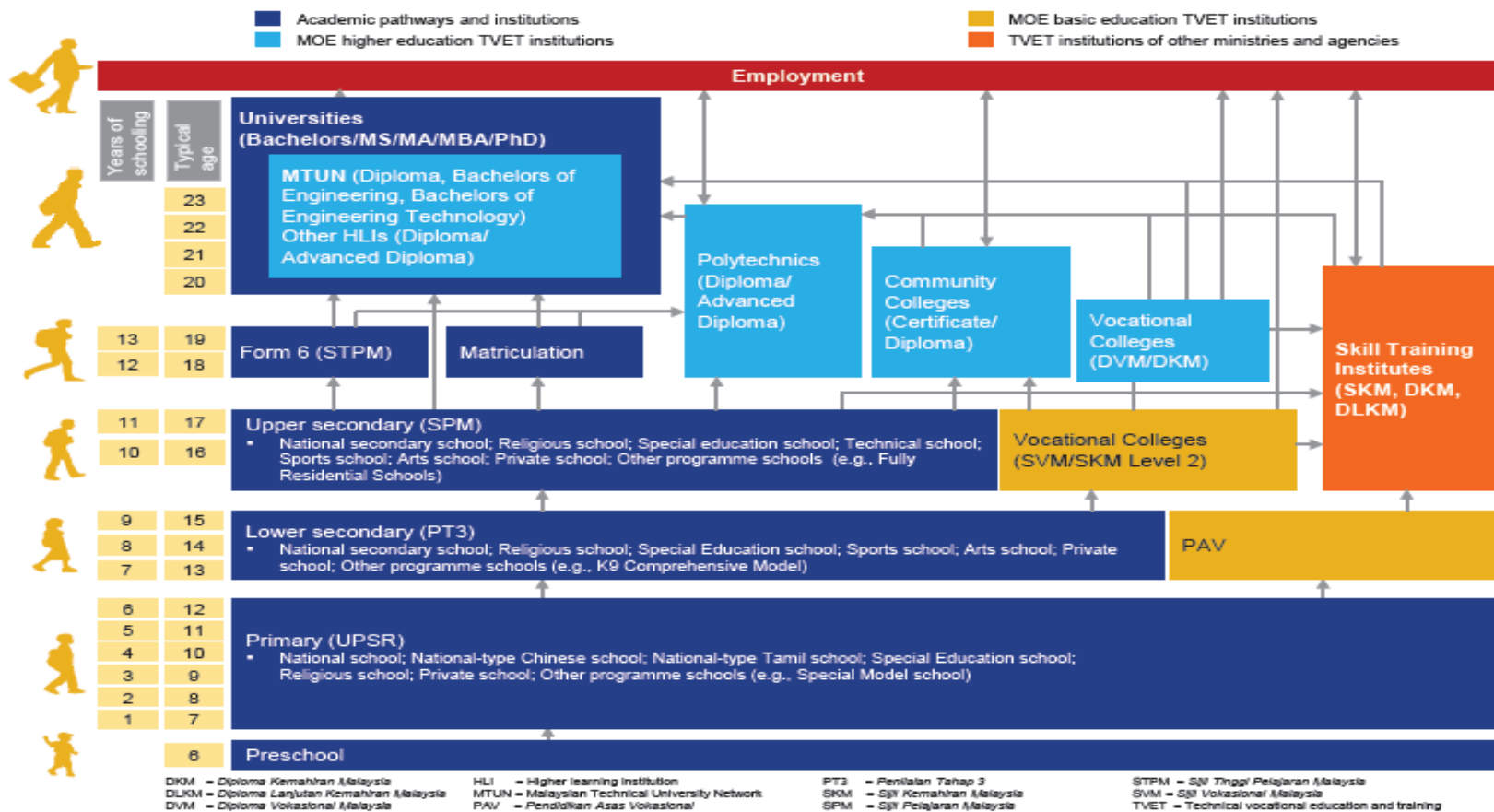
**Gaps in the offerings for students
@ the FE and HE level**

**Workforce training, up skilling and
reskilling**

**Collaborations with local
institutions**

**Branch campuses or base in
Malaysia – good idea?**

Malaysia education pathways



Human Capital Development

- Addresses the needs of the 12 National Key Economic Areas
- Skills shortages:
 - **Electrical & electronics** *Engineers, Manufacturing, ICT professionals*
 - **Oil & Gas** *Geologists, Geophysicist, Engineers, lower level occupations*
 - **Telecommunications** *Programmers, Analysts, Programmers*
 - **Business and Financial Services:** *Tech support, Developers, Underwriters, Accountants*
 - **Tourism:** *Accommodation, Tourism Services, F&B, Retail*

Funding for TVET

TWO main funding providers



Human Resources
Development Fund
(HRDF)



Skills Development
Fund Corporation
(PTPTK)

- Govt funds: Apprenticeship, SME training, 1Malaysia GRIP, SL1M
- Private corporate organisations' training and development budgets

British Council work in TVET

- TVET a high priority at least until 2020
- Looking out for opportunities and initiatives
- Currently working with MoE and EPU on E&E students and teachers
- Project with EPU: curriculum development with employers

Questions and Discussion

