



**1<sup>st</sup> Expert Meeting of ASEM Work Placement Pilot Programme**  
**The Sukosol Hotel, Bangkok**  
**29-30 January, 2015**

# **Policy, Practice, and Current Status of Work Placement Brunei**

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**Vice President (Academic Affairs)**  
**Universiti Brunei Darussalam**  
**Representing Higher Education**  
**Ministry of Health, Brunei Darussalam**



# Higher Education Landscape

## 1984 Independence

**1985 First comprehensive university** (Universiti Brunei Darussalam) (UBD)

**2007 First Islamic University** (Universiti Islam Sultan Sharif Ali) (UNISSA)

**2008 First Engineering University** (Institut Teknologi Brunei) (ITB)

**2012 First Polytechnic** (Politeknik Brunei) (PB)

# Higher Education Landscape



- 4 Public Institutions of Higher Education
- Technical & Vocational Education
- Private Institutions of Higher Education
- Transformation from teaching universities to **teaching, research and enterprise** universities
- **Goal: To increase participation rate from 17% to 30% over the next five years**

# Higher Education Landscape



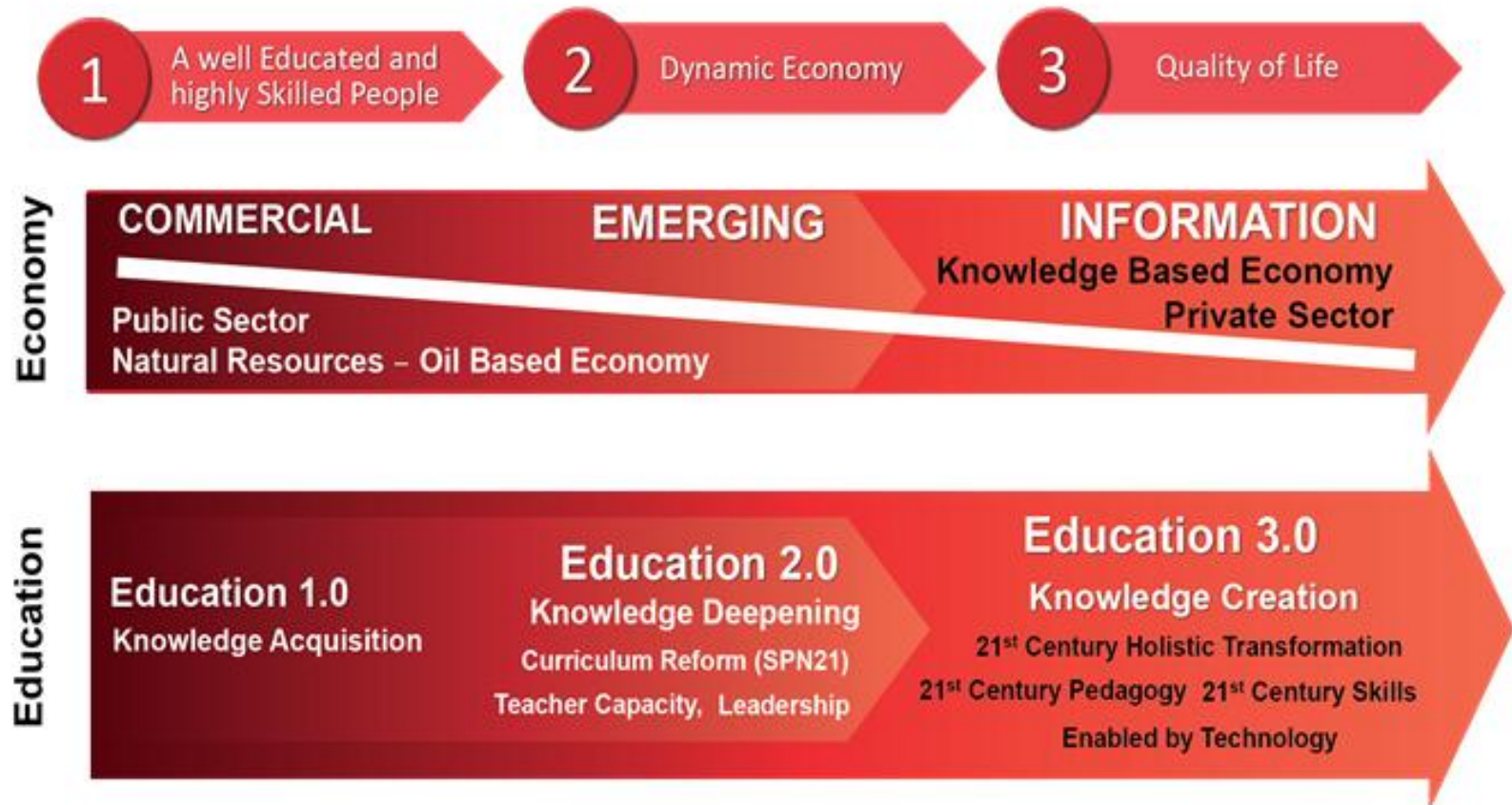
## Policy

- ❑ Research Universities (and innovation)
- ❑ Action learning (experiential learning)
  - Internship (work placement)
  - Incubation and Innovation project
  - Community outreach

# Higher Education Landscape



## THE VISION - WAWASAN 2035





The GenNEXT ensures to equip students with ....

## Five Essential/Life Skills

### Three Areas

- Entrepreneurship
- Leadership and Innovation
- Environmental Awareness

- Critical Thinking
- Reasoning
- Communication
- Quantitative Analysis
- National and Global Perspectives

# Curriculum structure ....

## Key features

**Major  
(50-60%)**

**Breadth (40% to 50%)**

**Within  
faculty**

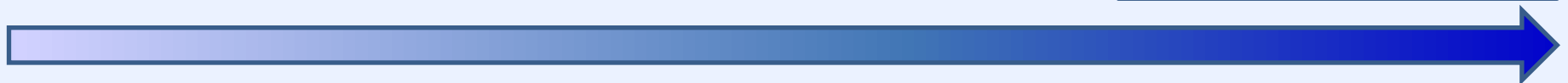
**Other faculties**

**Across  
discipline**

**Outside  
University**

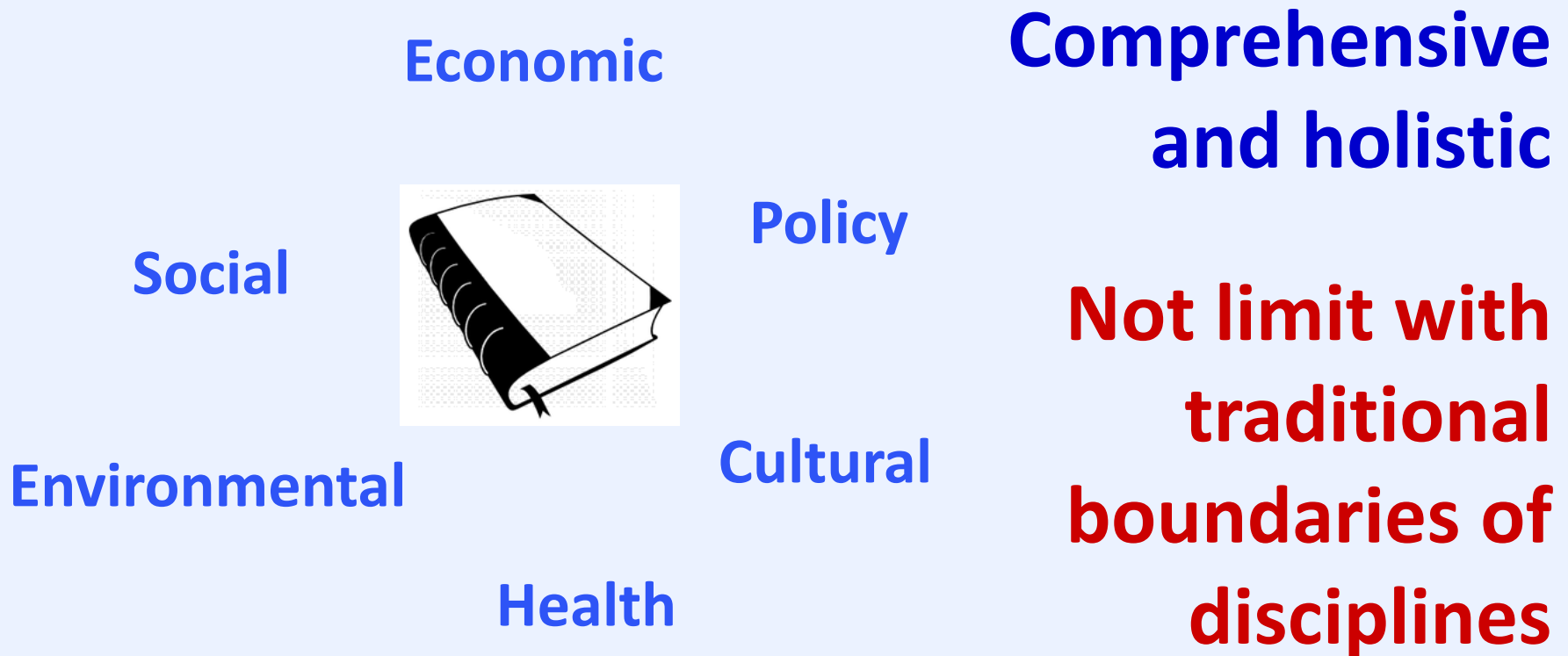
**Research**

**Inter / multi  
disciplinary**



# Multi-disciplinary ...

- e.g. Sustainable Development, Parenting, Women Health, etc.





# Through Pedagogy ...

## Student-centric - - - life long learning

- **Team-based** learning
- **Problem-based** learning
- **Case-based** learning
- **Simulation** (skills training)
- **Project-based** learning
- **Experiential** learning
- **Blended** (e) learning



# Simulation Teaching

**Training skills which  
could be dangerous if  
students practise on  
patients**



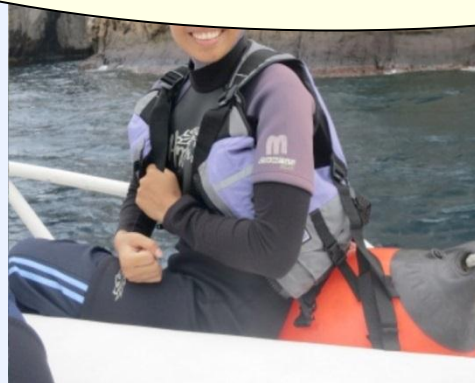
- **Experiential learning (Discovery Year)**
- **Study Abroad Programme**
- **Internships (Work Placement)**
- **Community Outreach**
- **Innovation and Incubation Projects**

# Experiential Learning ...

- Study abroad programs / Internships / CO Abroad



**More than 80% went  
abroad over 6  
continents (32 weeks).**





# Student Exchange ...

Students from University  
of North Carolina

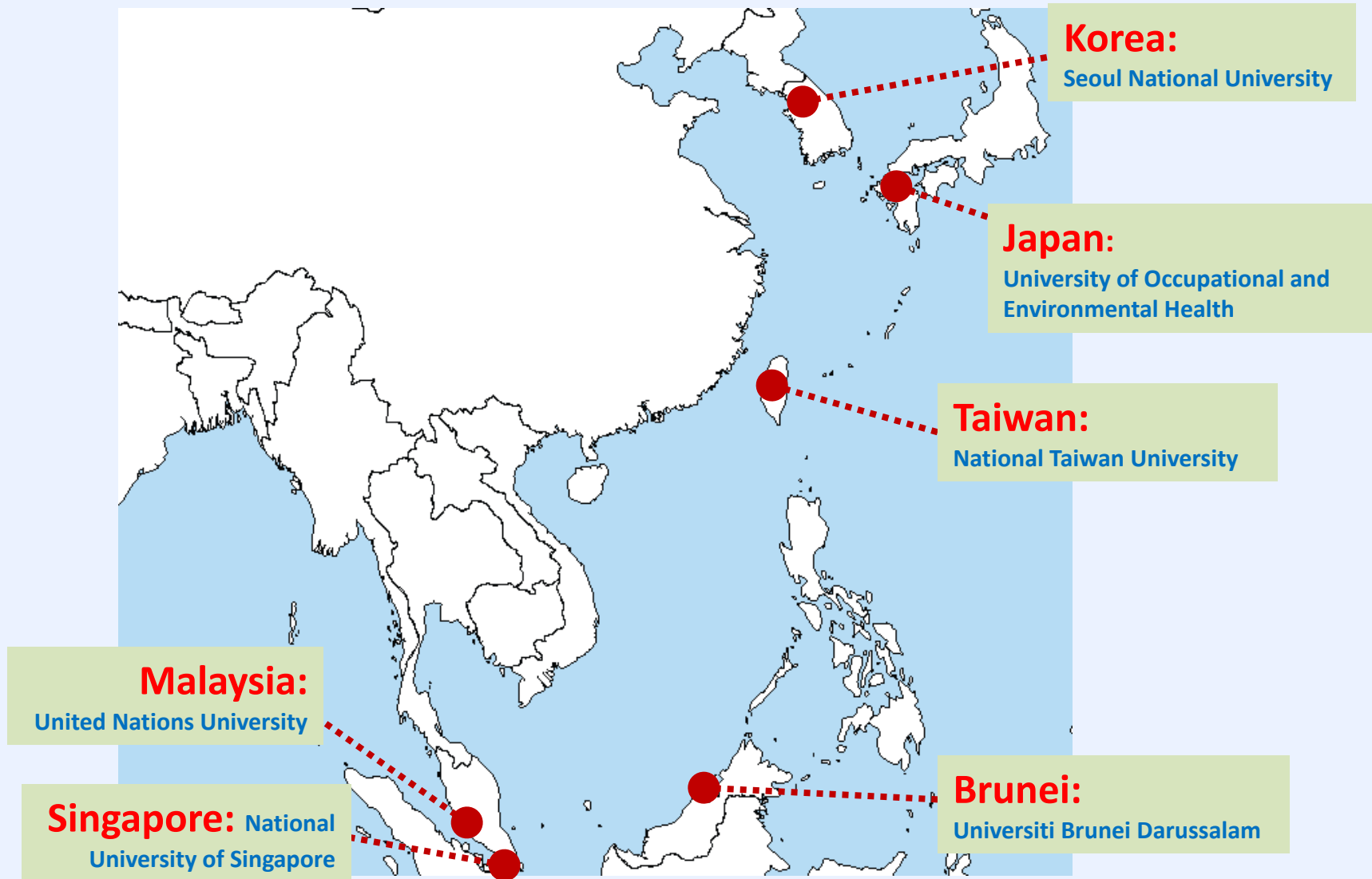


Students  
from Japan  
& Germany

# Global Classroom



# Global Classroom





**Well-rounded  
graduates**

.....

**Not Job  
Seekers but  
Job  
Creators**





# Experiential Learning ...

- Community Outreach Project



**Breast Cancer  
Community  
Health  
Education**

# Experiential Learning ...

- Innovation and Incubation Project



**Solar Car**



**Robot Project**



# Experiential Learning ...

- Study abroad programs / Internships / CO Abroad

King's CL



**Thailand**  
Pattani and  
Yala



# Experiential Learning ...

- Study abroad programs / Internships / CO Abroad



**Egypt**

**Alexandria University**



# Experiential Learning ...

- Study abroad programs / Internships / CO Abroad

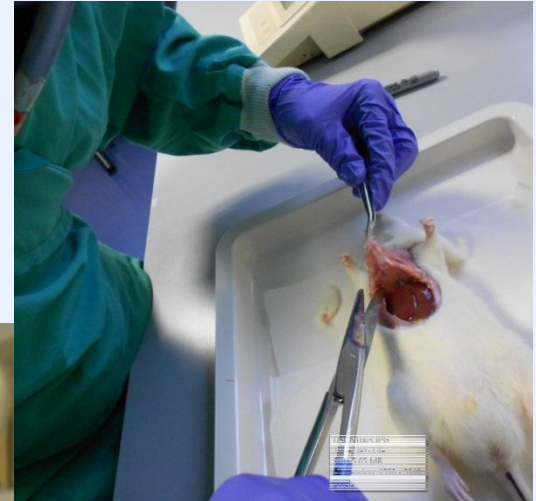


Malaysia



26.01.2012

Glasgow



# Experiential Learning ...

- Study abroad programs / Internships / CO Abroad



# FIVE RESEARCH THRUSTS

- Biodiversity
  - Energy
- Food Security / Agrotechnology
  - Islamic Studies
  - Asian Studies



# MAJOR RESEARCH CLUSTERS

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Environment and Sustainable Development

Youth

Islamic Studies

Science, Technology and Society

Material Science

Modelling and Simulation

Creative Industry

Sensors Technology





# INTERNATIONAL COLLABORATORS

- California Institute of Technology
  - Harvard Medical School
- A\*STAR Institute for Materials Research and Engineering, Singapore
  - University of California, San Diego
    - New York Botanical Garden
    - Old Dominion University
    - George Washington University
  - Regents of the University of Michigan
    - East-West Centre
- Stevens Institute of Technology, New Jersey

AND MANY MORE...



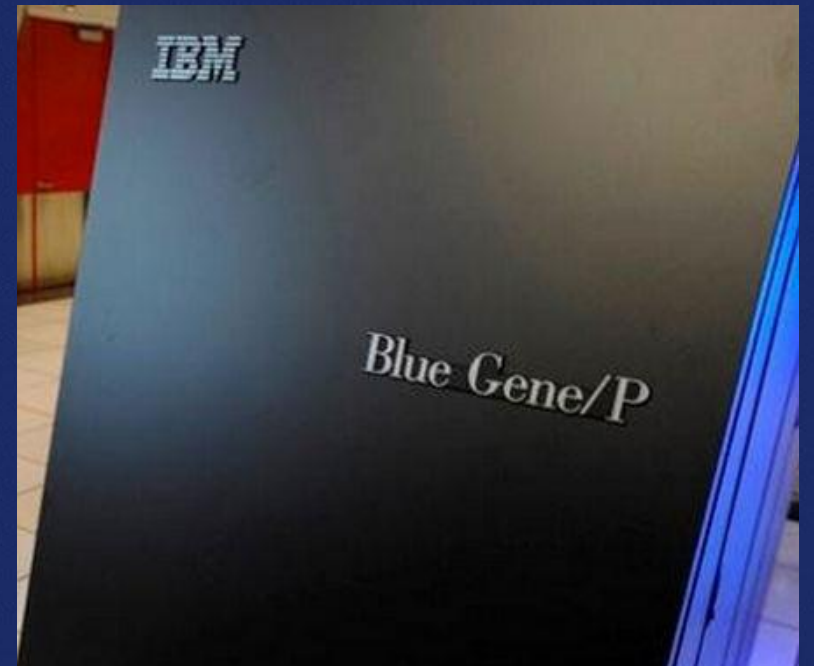
# INTERNATIONAL COLLABORATORS

## UBD IS A MEMBER OF THE FOLLOWING CONSORTIA:

- The Association of Southeast Asian Institutions of Higher Learning
  - ASEAN University Network
  - ERASMUS MUNDUS
- Federation of the Universities of the Islamic World
  - University Mobility in Asia and the Pacific
- International Consortium of Universities for the Study of Biodiversity and the Environment (iCUBE)



# UBD|IBM Centre



**PIXELA CORPORATION (JAPAN)**  
**SENGENICS SENGENICS (UK)**

## **The New Integrated Science Building**



# GRADUATE STUDIES

- Master studies (coursework)
- Master (by research)
- PhD (by research)
- Two intakes a year (Jan & Aug)
- Scholarship
- <http://gsr.ubd.edu.bn/>

# **Brunei Government Scholarship (Undergrad, Master, PhD)**

**Through Ministry of Foreign Affair and  
Trade, Brunei**

**<http://www.mofat.gov.bn/scholarship/>**



## RESEARCHERS AT KUALA BELALONG FIELD STUDIES CENTRE



# Universiti Brunei Darussalam



- Established in 1985 (30 Years)
- 4000+ students
- English Medium
- 7 Faculties/Institutes
- Since 2009, 100% students go through DY (80% overseas)
  - 25% of them take work placement
  - 50% of work placement in overseas
  - 16 weeks (32 weeks since 2013)



# Universiti Brunei Darussalam



- Key players of work placement
  - Locally & internationally
  - 41 Gov. ministries/agencies & 31 private institutions locally
  - 21 international partners
  - List growing (free to find by students)

# Institut Teknologi Brunei



- Key players of work placement
  - Authority for info-communications technology industry (AITI)
  - Singapore IT companies
  - Malaysia companies
  - Florida (Aviation Industries)
  - Local companies
  - The list is growing

# Future Direction / Challenges



- Expanding network
- Monitoring
- Feedback and assessment
- Financial matters
- Health and safety consideration
- Work visa
- Potential research on work placement



Thank you very much

*ขอบคุณมาก*

Terima kasih