

Indonesia's Quiet Springtime: Knowledge and Policy in a Post- authoritarian Democracy

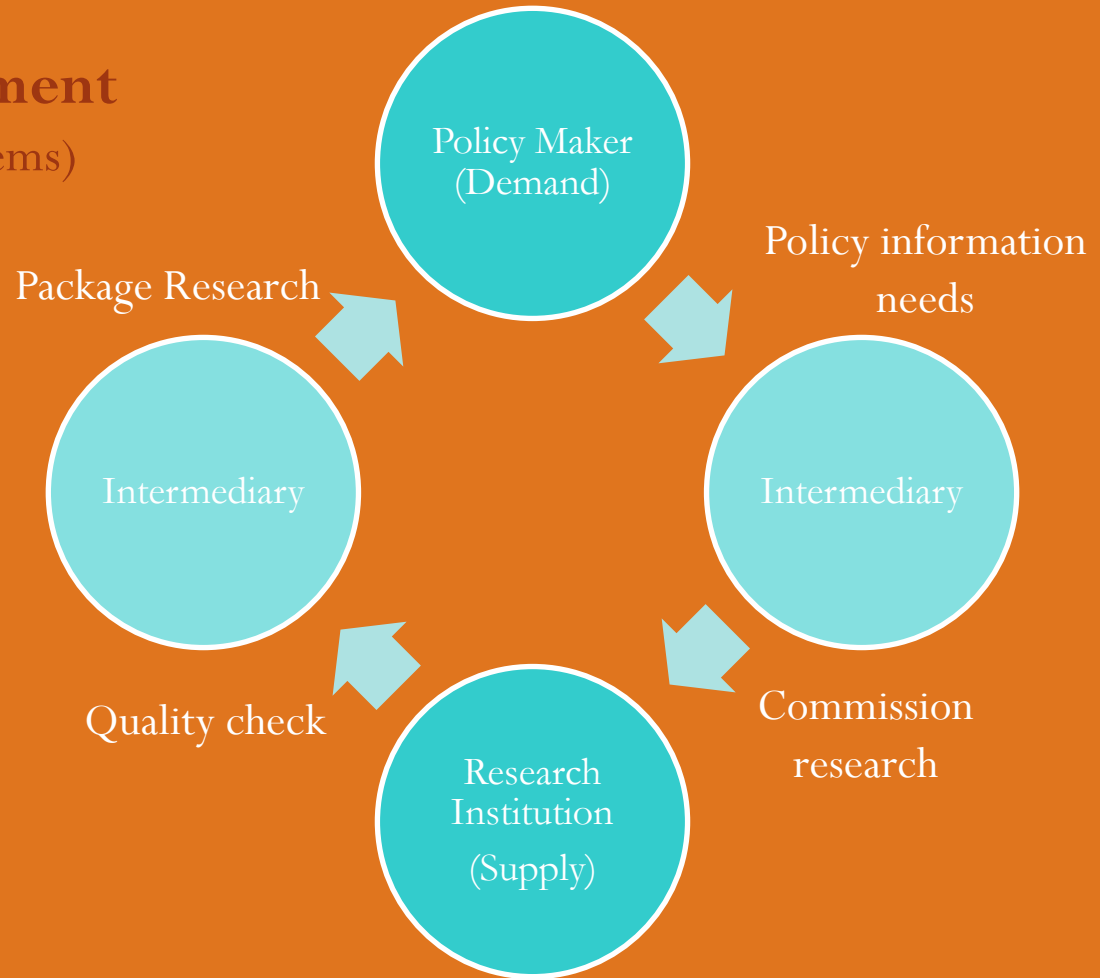


OVERVIEW OF TALK

- WHY THE KNOWLEDGE SECTOR?
- INDONESIA'S KNOWLEDGE SECTOR TODAY
- GLIMMERS OF HOPE
- MODELS AND ENTRY POINTS FOR CHANGE

A functioning knowledge-to-policy cycle

Enabling Environment
(policies, research systems)



DESCRIBING INDONESIA'S KNOWLEDGE SECTOR CRISIS



RESEARCH INTENSITY (outputs/1,000,000 people)

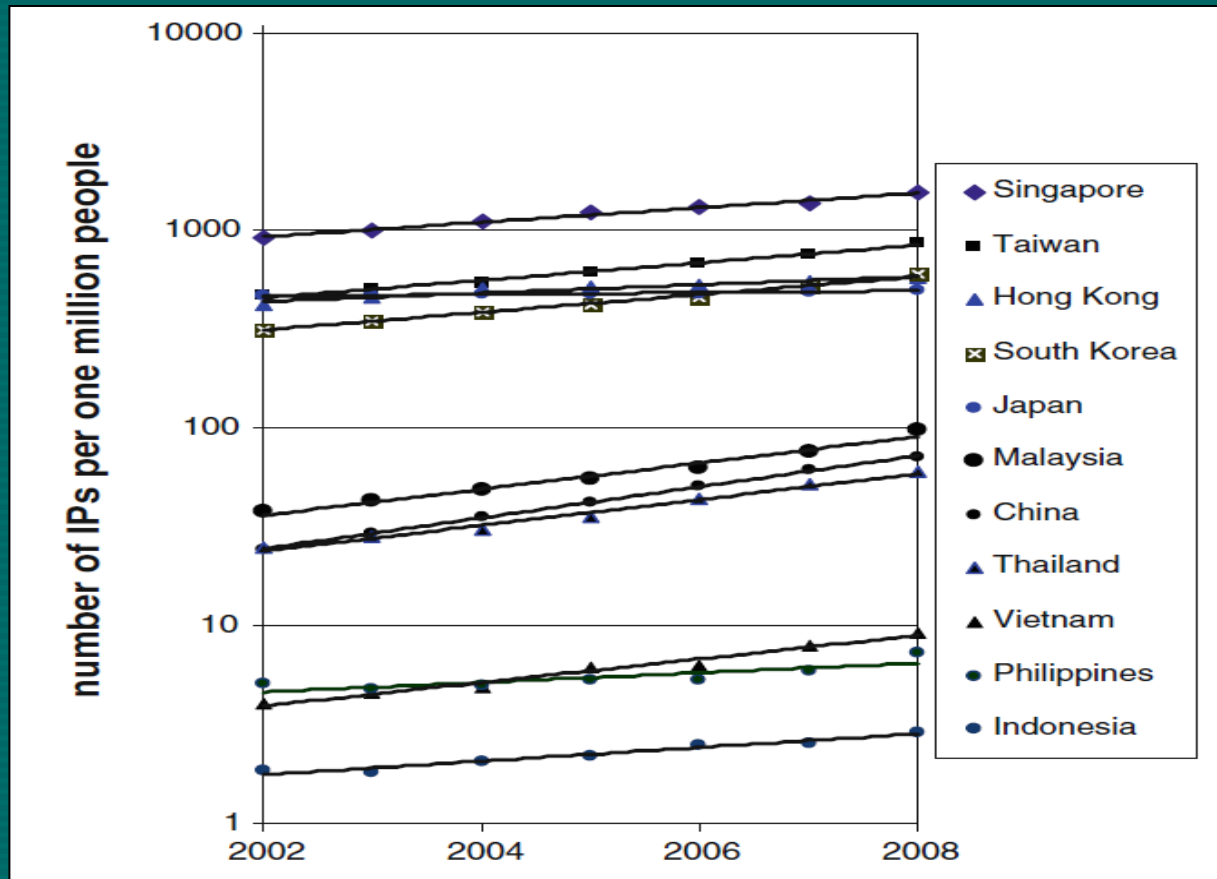


Diagram 1.2. Research Intensity of Asian Countries

Research intensity is defined as total international publications per one million people. Indonesia's research intensity is the lowest compared to other Asian countries. Source: Hien (2010)

RESEARCH INTENSITY IN ECONOMIC PERSPECTIVE

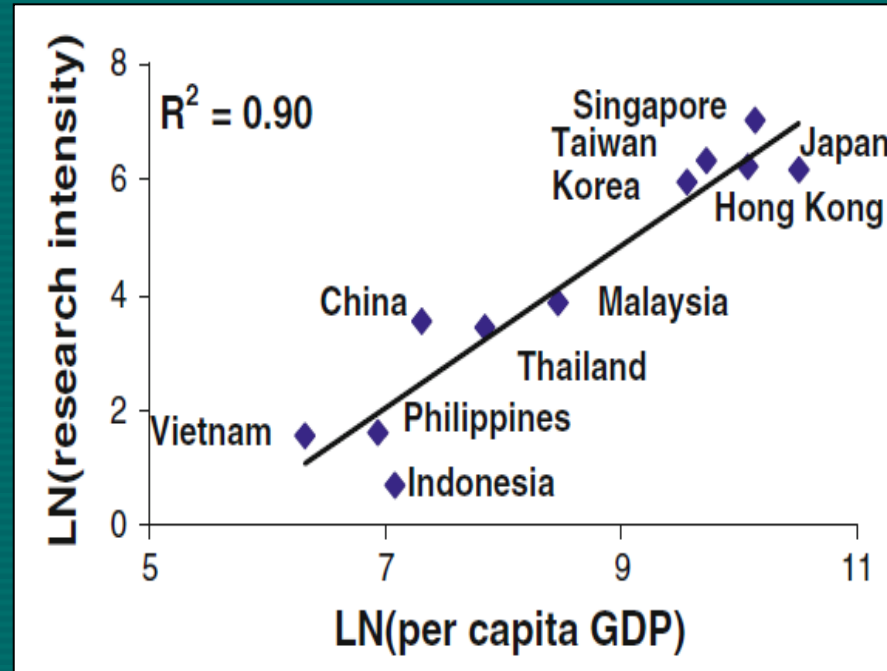


Diagram 1.3. Research Intensity against per capita GDP of Asian Countries
When compared against GDP, Indonesia's research intensity is still lowest compared to other Asian countries, including those with less GDP than Indonesia (Vietnam and the Philippines). Source: Hien (2010), data for 2004.

RESEARCH PRODUCED NATIONALLY

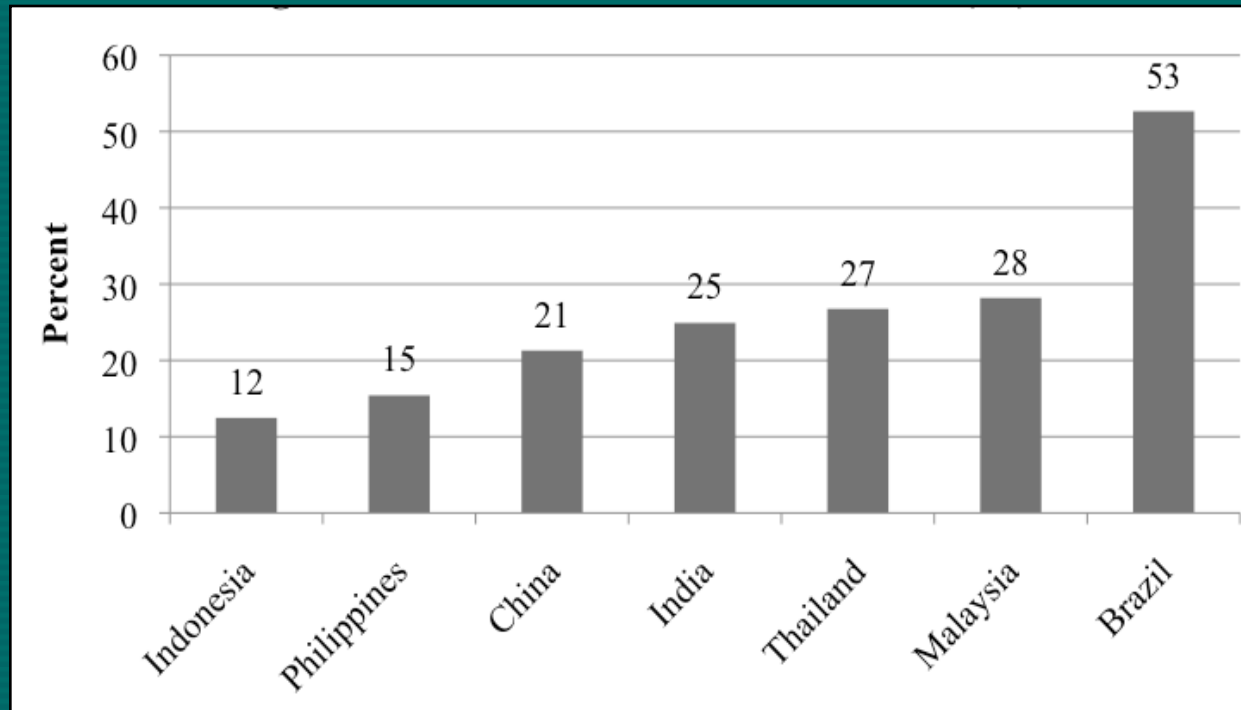


Diagram 1.1. Share of Domestic Research (%)

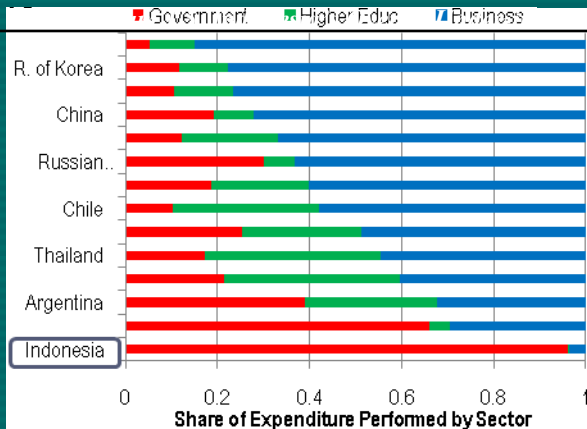
The numbers show the share of published research on a particular country done by researchers based in the country. Source: SSCI database, 1956 to 2011.

Is There a Pattern in the Data?

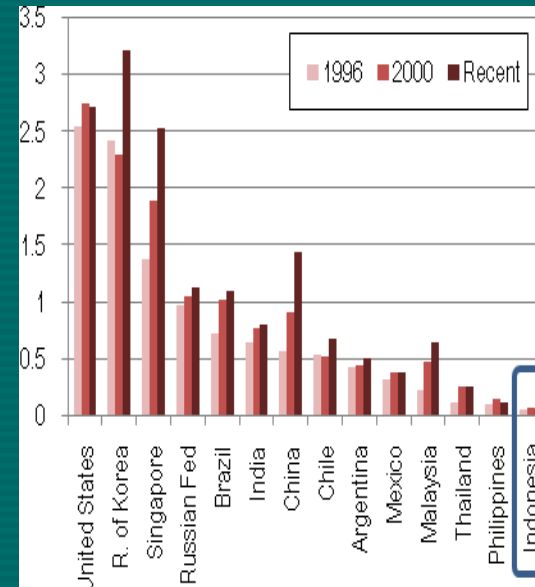


Indonesia's low investment in R&D

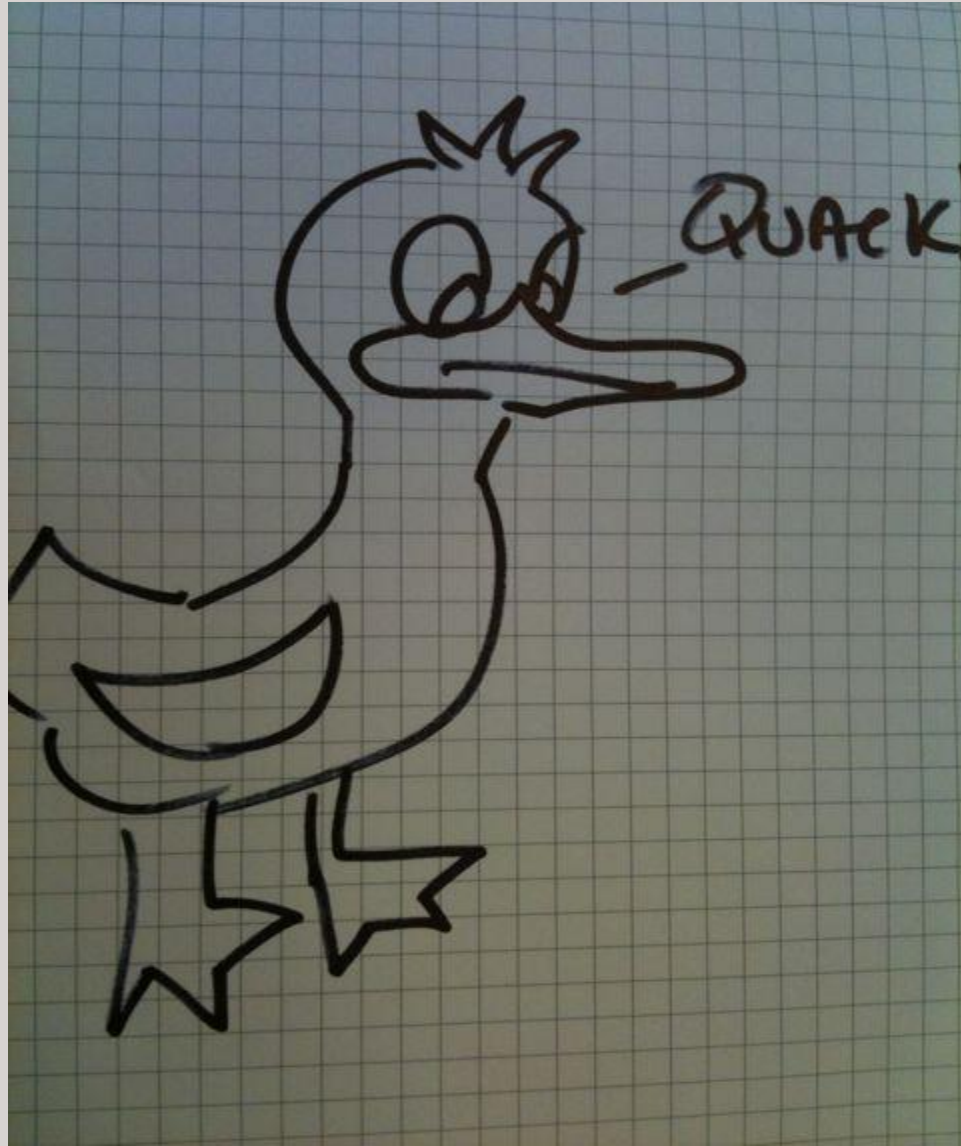
Government Expenditure on R&D as a Share of GDP



Share of R&D Expenditure Performed by Government, Higher Education and Business



PATTERNS DO NOT EQUAL CAUSALITY BUT....



5 Reasons for Hope

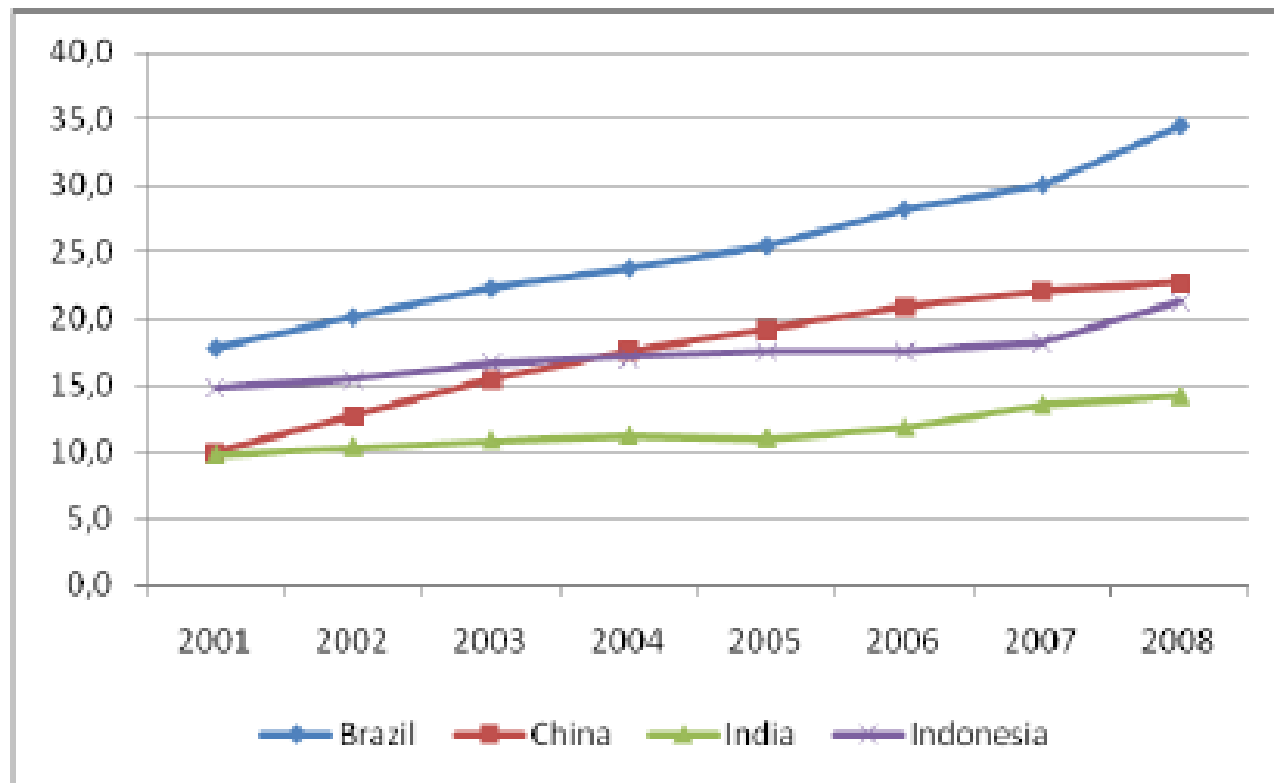


- **Demand for higher education is rising rapidly**
- **New media are making new linkages (incl. language)**
- **Government awareness of the competitiveness challenge**
- **Policy Pragmatism: general interest in making things work**

Maturing political electorates are demanding evidence of results

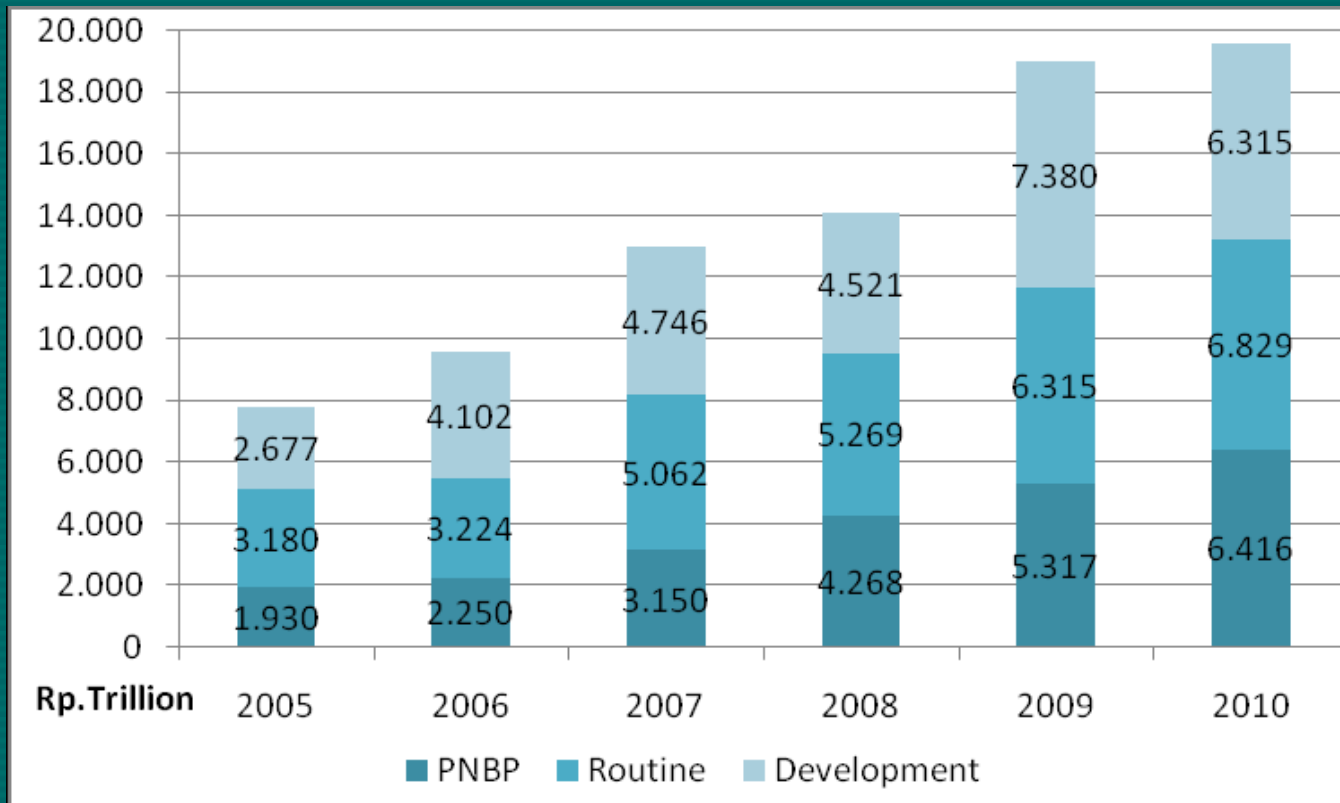
Indonesia is grumpily on trend

Figure 2. 3 GER across Middle Level Income Countries, 2001-2008



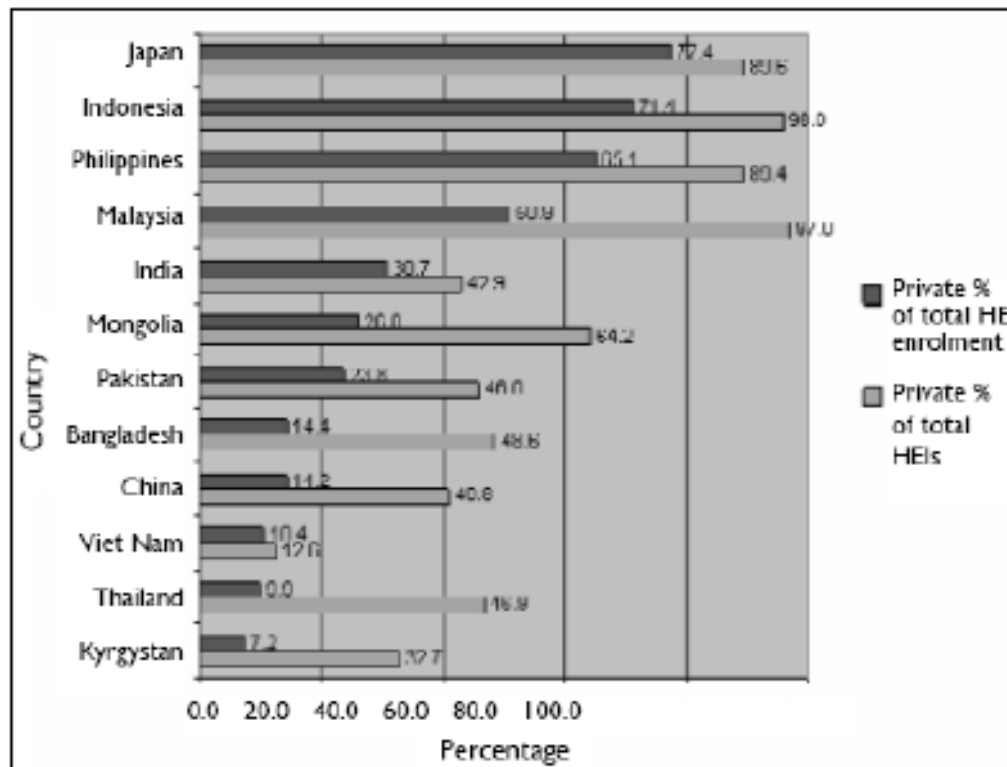
Source: Balitbang, MoNE, 2009

Rising Public Expenditure on Higher Education, 2005-2010



Indonesia's openness to Private Universities

Figure 2. 9 Asia's Private Enrolment and Institutional Shares by Country (2001-2007)



Source: cited from A new dynamic: private higher education, UNESCO, 2009

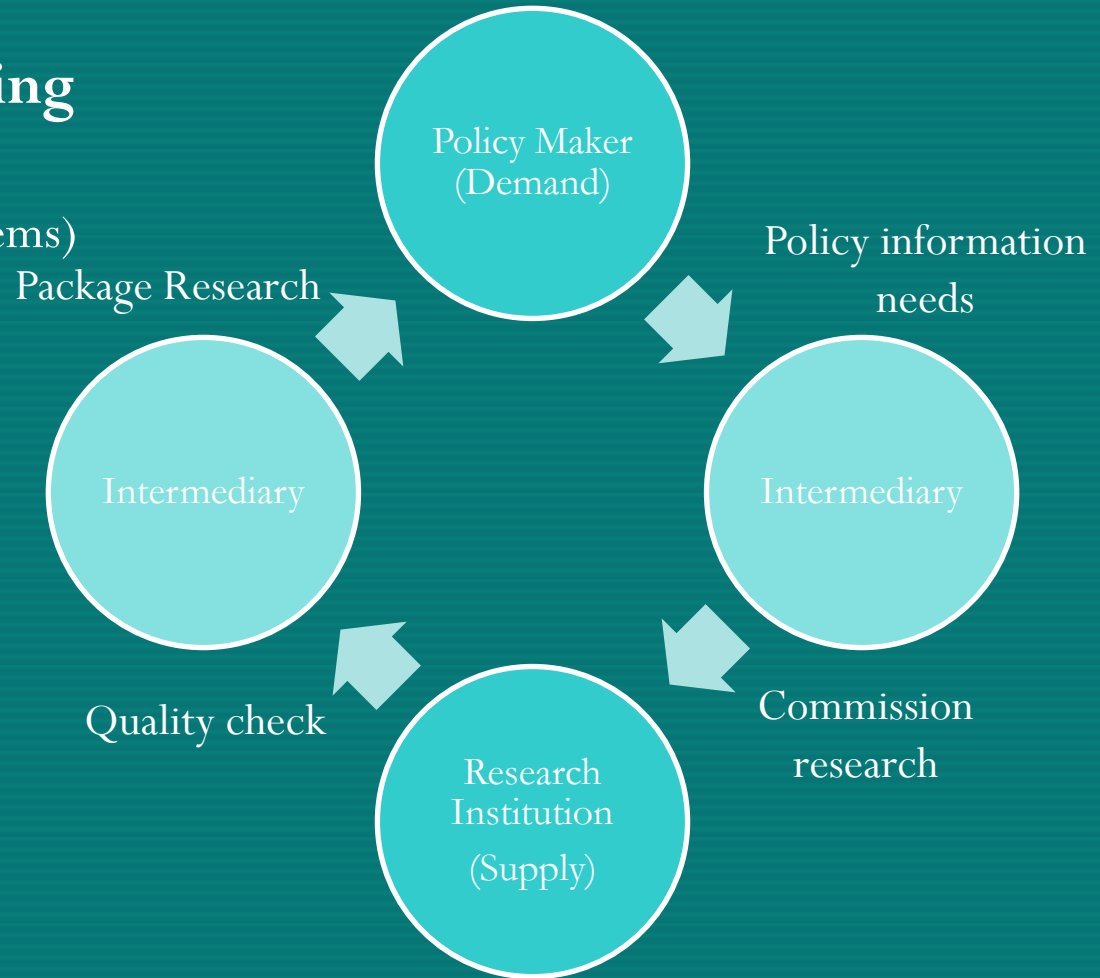


**SUPPORT FOR
KEEPING
KNOWLEDGE ROOTED
IN CULTURE**

Indonesia's future knowledge-to-policy cycle

Improved Enabling Environment

(policies, research systems)



Overall structure of a national knowledge financing system



THE STATE OF PLAY TODAY

