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)

- Policy Maker (Demand)
- Policy information needs
- Intermediary
- Research Institution (Supply)
- Commission research
- Intermediary
- Package Research
- Quality check
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)
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.
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

<table>
<thead>
<tr>
<th>Country</th>
<th>Government</th>
<th>Higher Ed</th>
<th>Business</th>
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<td>Indonesia</td>
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Share of R&D Expenditure Performed by Government, Higher Education and Business

- **Government**
- **Higher Ed**
- **Business**

![Graph showing government, higher education, and business expenditure of R&D in Indonesia and other countries over time.](image-url)
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, 2005-210
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)

- **Intermediary**
- **Research Institution (Supply)**
- **Policy Maker (Demand)**
- **Commission research**
- **Policy information needs**
- **Quality check**
- **Package Research**
Overall structure of a national knowledge financing system

TREASURY

DONORS

PRIVATE SECTOR

GOI RESEARCH INTERMEDIARY

LINE MINISTRY

LINE MINISTRY

LINE MINISTRY

RESEARCH COUNCIL

GoI RESEARCH INSTITUTES

UNIVERSITY

INDEPENDENT

RESEARCH

NOT FOR PROFIT

SUPPLIERS

KNOWLEDGE INSTITUTES

GoI RESEARCH INSTITUTES
THE STATE OF PLAY TODAY