Higher Education Funding in Indonesia

Ocky Karna Radjasa

Directorate of Research and Community Services
Directorate General of Strengthening Research and Development
KPI:
• Universities in World Top 500
• A accredited Universities
• Number of Science Techno Park
• Number of Center of Excellence

High Quality Institutions

KPI:
• Number of IPR
• International Publications
• R & D Prototype

INOVASI

KPI:
• Number of Innovation

R & D

High Quality Human Res

KPI:
• Lecturers with PhD
• R&D staffs with Master and PhD
• R&D facilities under revitalization

Skill Students

Teaching and Student Affairs Program

KPI:
• Participation value in Univ
• %Entrepreneurship-trained students
• % Graduates with certification

National Competitiveness

Competitiveness:
• Innovation Index
• Competitiveness Index

Strengthening Innovation Program

LOGICAL FRAMEWORK PERFORMANCE INDICATOR OF KEMENRISTEK DAN DIKTI

Strengthening Institutional Program

Program Strengthening Human Res

Strengthening R&D
Competitiveness of Indonesia (2007-2016)

2016:
Swiss :1; Singapura : 2; Jepang : 8; Malaysia : 25; Korea : 26;
Thailand : 34; Vietnam : 60; Yaman: 138
Annual Budget on R&D


Source: R&D Magazine, 2016

2016 INDONESIA GERD OF 0,2% PER GDP
## PROFILE OF RESEARCH INSTITUTES

TOTAL UNIVERSITIES = 4,264; RESEARCH INSTITUTIONS COORDINATED BY THE MoSTHE = 7;

### Rekap Nasional Semester 2014/2015 Genap

<table>
<thead>
<tr>
<th>Perguruan Tinggi</th>
<th>Mahasiswa</th>
<th>Dosen</th>
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<tbody>
<tr>
<td></td>
<td>Total</td>
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<tr>
<td>Negeri</td>
<td>3,124</td>
<td>2,211,558</td>
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<tr>
<td>Swasta</td>
<td>3,003</td>
<td>4,006,767</td>
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<td>Total</td>
<td>6,124</td>
<td>6,218,325</td>
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<tr>
<td>PTA</td>
<td>968</td>
<td>226,642</td>
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<td>897</td>
<td>32,780</td>
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<td>14,681</td>
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<td>PT</td>
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<td>107,397</td>
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<tr>
<td>PTK</td>
<td>424</td>
<td>107,397</td>
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<tr>
<td>Total</td>
<td>4,264</td>
<td>2,545,597</td>
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<td>6,585,144</td>
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Data terakhir per 18 May 2015 7:21

*PT* = semua perguruan tinggi dibawah dikti (PT umum).
*PTA* = perguruan tinggi agama dibawah kementerian agama.
*PTK* = perguruan tinggi kedinasan, semua selain dikti dan kementerian agama.
Sources of Research Budgets

- Government
- Internal
- Higher Education Institutions
- International Grants
- Privates
NATIONAL STANDARD FOR RESEARCH

1. RESULTS
2. PROCESS
3. VALUATION
4. MANAGEMENT
5. CONTENT
6. RESEARCHER
7. FUNDING
8. FACILITY
Clustering of Indonesian Universities based research performances

Component of evaluation

Research resources (30%)

Research Management (15%)

Research output (50%)

Revenue Generating (5%)
# Clusters of Indonesian Universities

<table>
<thead>
<tr>
<th>No</th>
<th>Periode Evaluasi (Thn)</th>
<th>Plattinum (Mandiri)</th>
<th>Gold (Utama)</th>
<th>Silver (Madya)</th>
<th>Brown (Binaan)</th>
<th>Total Kontributor</th>
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<tbody>
<tr>
<td>1</td>
<td>2007-2009</td>
<td>10</td>
<td>22</td>
<td>71</td>
<td>291</td>
<td>394</td>
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<tr>
<td>2</td>
<td>2010-2012</td>
<td>14</td>
<td>36</td>
<td>79</td>
<td>772</td>
<td>901</td>
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<tr>
<td>3</td>
<td>2013-2015</td>
<td>25</td>
<td>73</td>
<td>160</td>
<td>1,219</td>
<td>1,447</td>
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Policy, Strategy, Program, Indicator, & Target

Policy

Increasing of R&D Productivity

Strategy

Increasing Registered IPRs, International Publications, and R&D Prototypes

PROGRAM

Strengthening of R & D

<table>
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<tr>
<th>No</th>
<th>Program Indicator</th>
<th>Targets</th>
<th>Keterangan</th>
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<tr>
<td></td>
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<td>2015</td>
<td>2016</td>
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<tr>
<td>1</td>
<td>Number of Registered IPRs</td>
<td>1.580</td>
<td>1.735</td>
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<tr>
<td>2</td>
<td>Number of International Publications</td>
<td>5.008</td>
<td>6.229</td>
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<tr>
<td>3</td>
<td>Number of R &amp; D Prototypes (TRL to 6)</td>
<td>530</td>
<td>632</td>
</tr>
<tr>
<td>4</td>
<td>Number of R&amp;D Prototypes (feasible for industry) (TRL 7)</td>
<td>15</td>
<td>15</td>
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</table>
Ministry of Research, Technology and Higher Education

Director General of Strengthening Research and Development

Secretary General

Both DGs provide Research Grants

Directorate General of Strengthening Innovation
Directorate General of Strengthening Innovation

Directorate of Innovation System

Directorate of Industrial Innovation

Directorate of Technology-based Start up Company

Innovation Clusters

Candidates of Start up Company, Technology Business Incubator, University-Start up Company

Research Grants with TRL (8-9)
Research Budget for Indonesian Universities in 2018

- Government Budget
  - BOPTN 2017
  - 11 Schemes
  - National Competitive
  - Desentralized
    - 3 Schemes
      - National Universities
      - Private Universities

Research grants

National Universities

Private Universities
THANK YOU FOR YOUR ATTENTION