



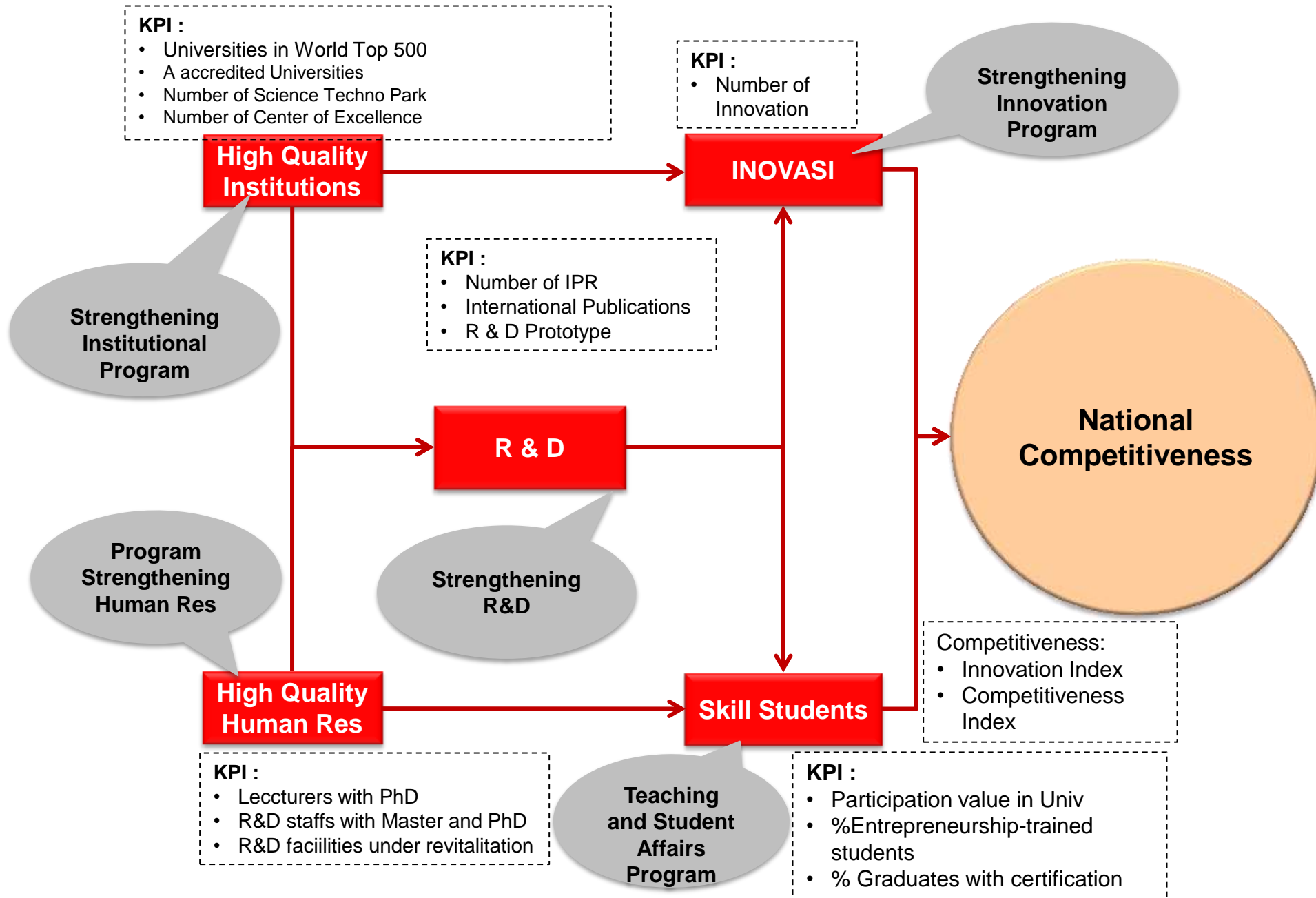
Higher Education Funding in Indonesia

Ocky Karna Radjasa

**Directorate of Research and Community Services
Directorate General of Strengthening Research and Development**

Ministry of Research, Technology and Higher Education

LOGICAL FRAMEWORK PERFORMANCE INDICATOR OF KEMENRISTEK DAN DIKTI

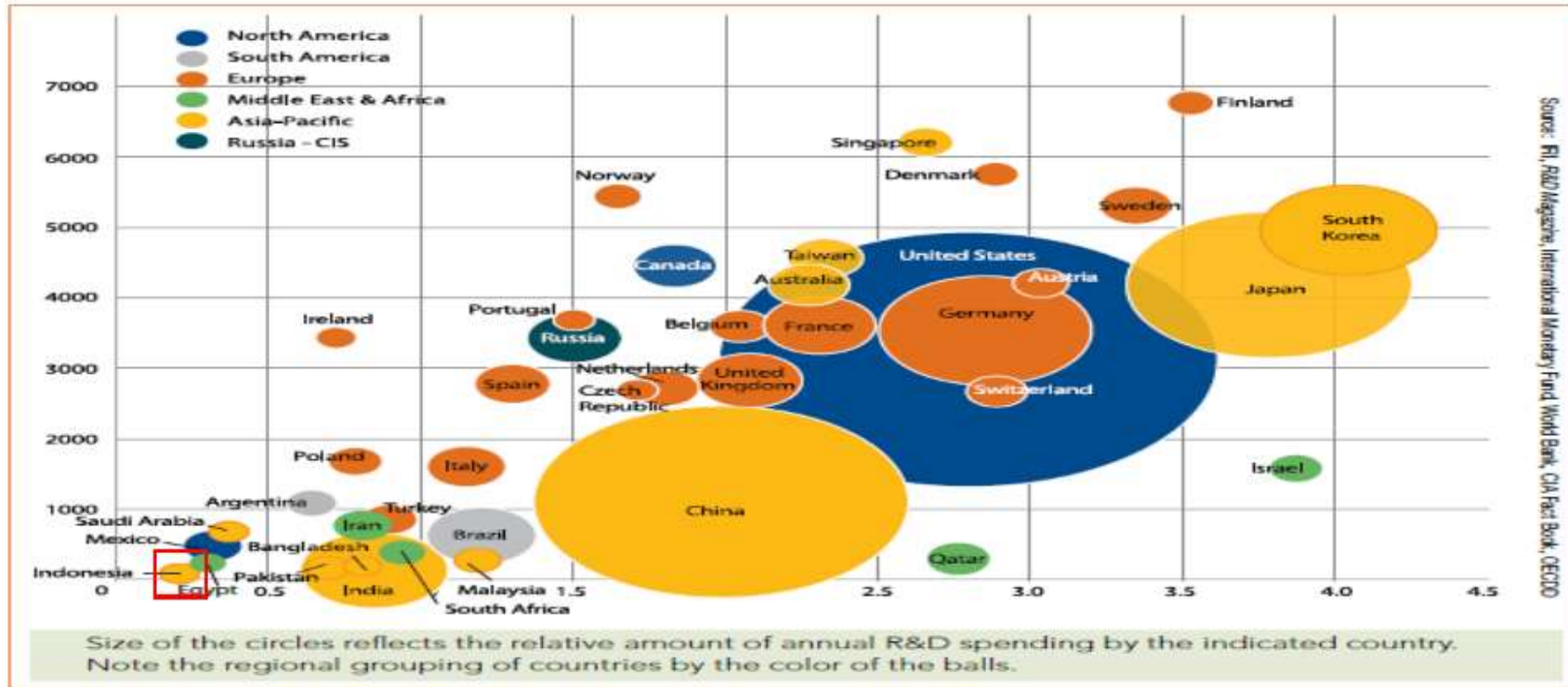


Competitiveness of Indonesia(2007-2016)



2016:
Swiss :1; Singapura : 2; Jepang : 8; Malaysia : 25; Korea : 26;
Thailand : 34; Vietnam : 60; Yaman: 138

Annual Budget on R&D



Dulu belanja R&D didominasi oleh Amerika, Jepang dan Eropa. Tetapi kini (2015) negara Asia mulai menunjukkan peningkatannya, seperti Cina, Jepang, dan Korea Selatan, walau USA masih paling tinggi. Artinya mulai terjadi peningkatan dominasi belanja R&D oleh negara-negara Asia.

Sumber: 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

	Perguruan Tinggi			Mahasiswa			Dosen		
	Negeri	Swasta	Total	Negeri	Swasta	Total	Negeri	Swasta	Total
PT	121	3,003	3,124	2,211,558	4,006,767	6,218,325	70,132	138,536	208,668
PTA	71	897	968	226,642	32,780	259,422	10,147	4,534	14,681
PTK	172	0	172	107,397	0	107,397	9,065	0	9,065
Total	364	3,900	4,264	2,545,597	4,039,547	6,585,144	89,344	143,070	232,414

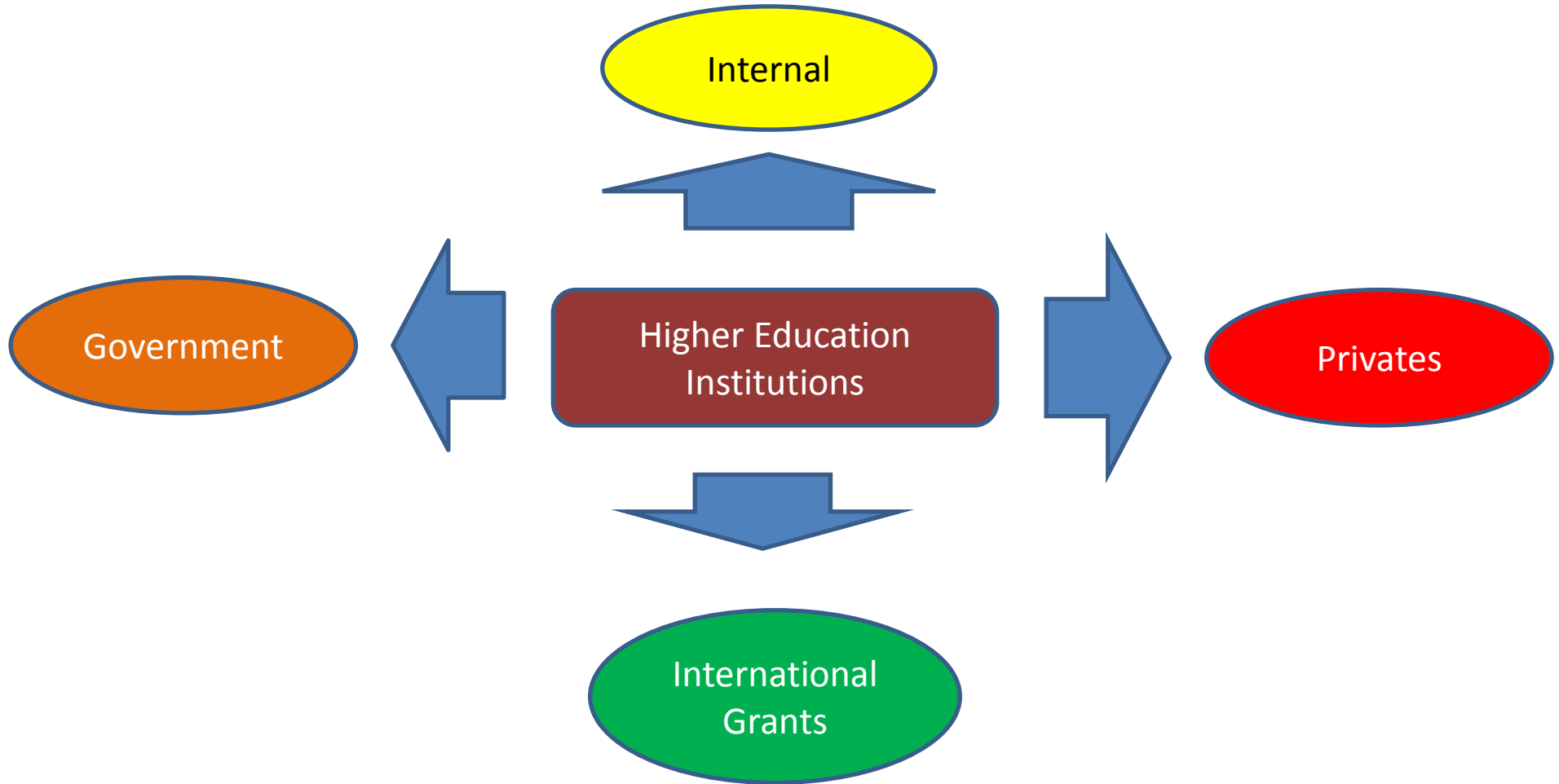
Data terakhir per 18 May 2015 7:21

PT = semua perguruan tinggi dibawah dikti (PT umum).

PTA = perguruan tinggi agama dibawah kementerian agama.

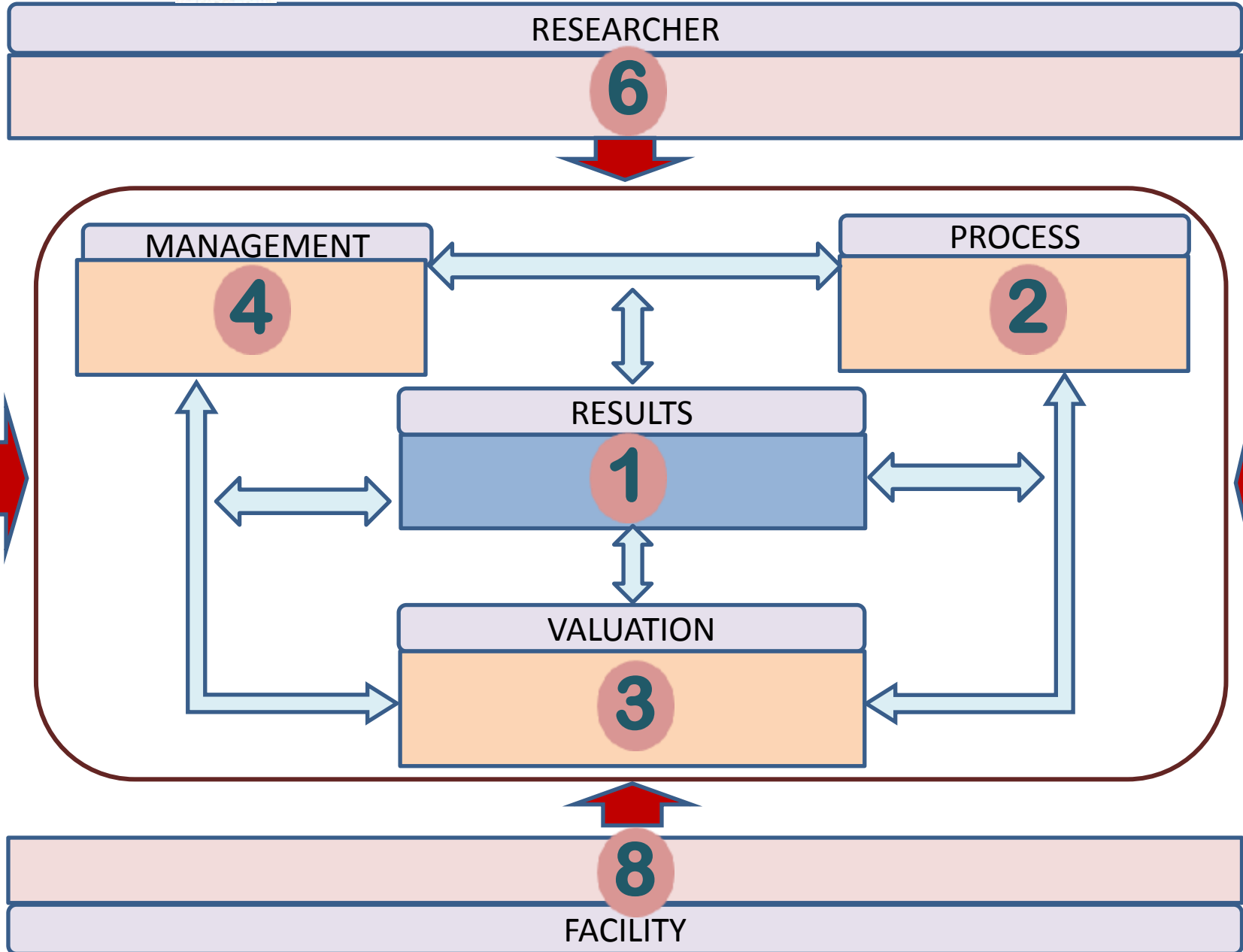
PTK = perguruan tinggi kedinasan, semua selain dikti dan kementerian agama.

Sources of Research Budgets

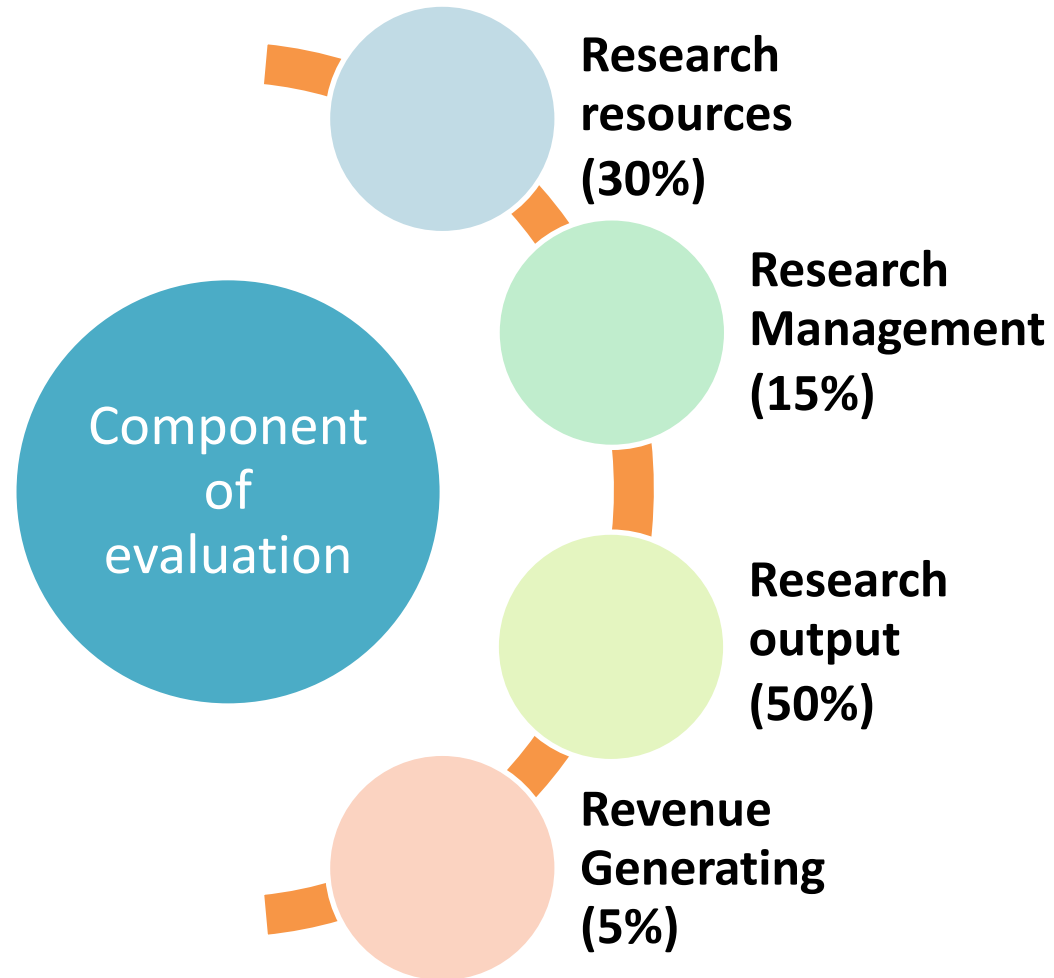




NATIONAL STANDARD FOR RESEARCH

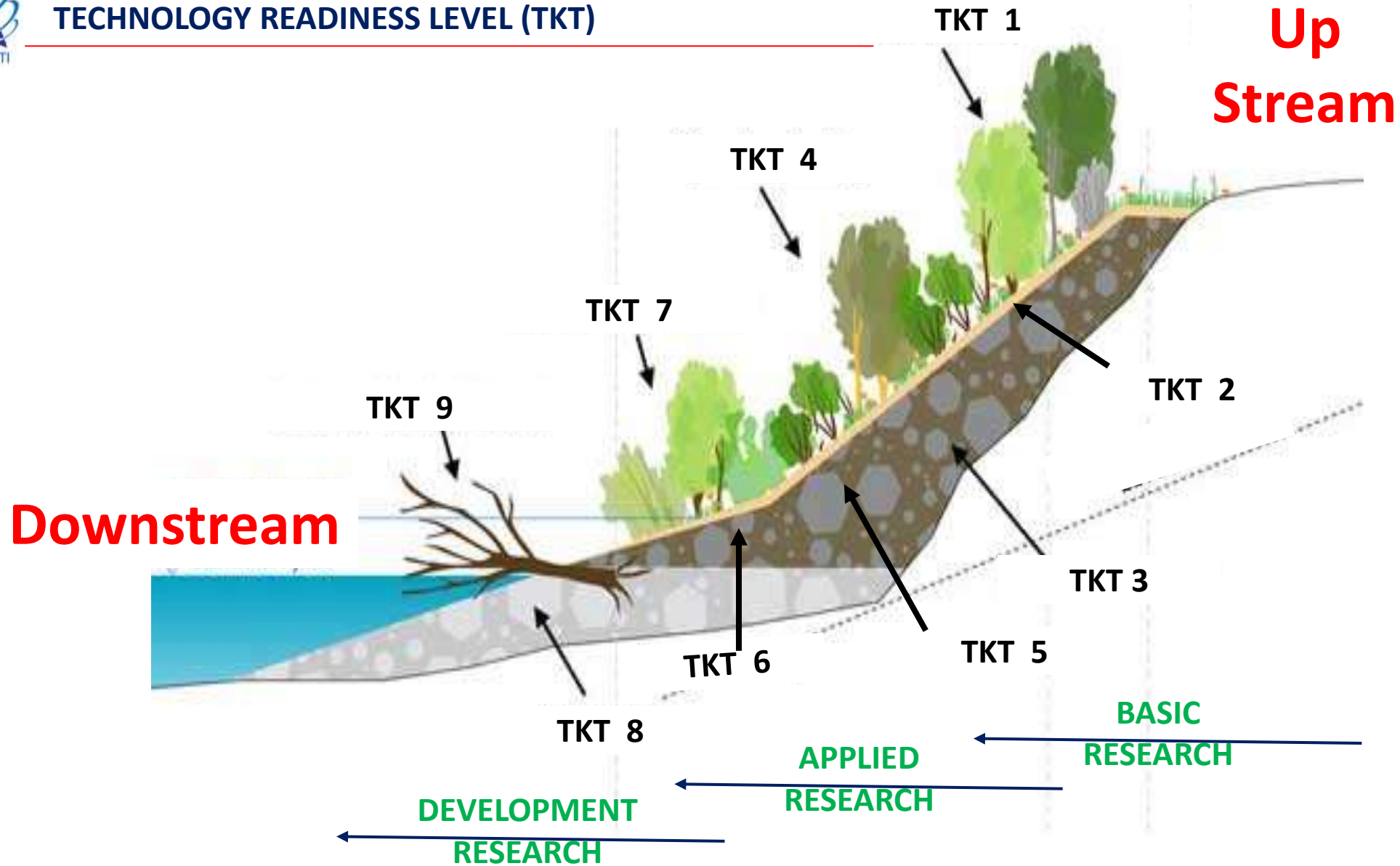


Clustering of Indonesian Universities based research performances



Clusters of Indonesian Universities

No	Periode Evaluasi (Thn)	Platinum (Mandiri)	Gold (Utama)	Silver (Madya)	Brown (Binaan)	Total Kontributor
1	2007-2009	10	22	71	291	394
2	2010-2012	14	36	79	772	901
3	2013-2015	25	73	160	1.219	1.447



Downstreaming and Commercialization

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



No	Program Indicator	Targets					Keterangan
		2015	2016	2017	2018	2019	
1	Number of Registered IPRs	1.580	1.735	1.910	2.100	2.305	cumulative
2	Number of International Publications	5.008	6.229	7.769	9.689	12.089	Nominal
3	Number of R & D Prototypes → TRL to 6	530	632	783	930	1.081	Nominal
4	Number of R&D Prototypes (feasible for industry) →TRL 7	15	15	15	15	15	Nominal

Ministry of Research, Technology and Higher Education

Secretary General

**Directorate General of
Strengthening Research and
Development**

Both DGs provide
Research Grants

**Directorate General of
Strengthening Innovation**

Directorate General of Strengthening
Research and Development

Secretary

Directorate of
System of Research and
Development

**Directorate of Research
and Community Service**

**Directorate of Industrial
Development**

Directorate of IPR
Management

Basic Research

Applied Research

Community Empowerment

Research Capacity Building

ICT and Defense and Security

Industrial Technology for Energy
and
Transportation

Industrial Technology for Foods,
Health and Drugs

Industrial Technology for Raw and
Advanced Materials

Research
Grants for
Indonesian
Universities
(TRL 1-6)

Research Grants
for Non
Universities
(TRL 7)

**Directorate General of
Strengthening Innovation**

Secretary

Research Grants with TRL (8-9)

Directorate of Innovation System

Directorate of Industrial Innovation

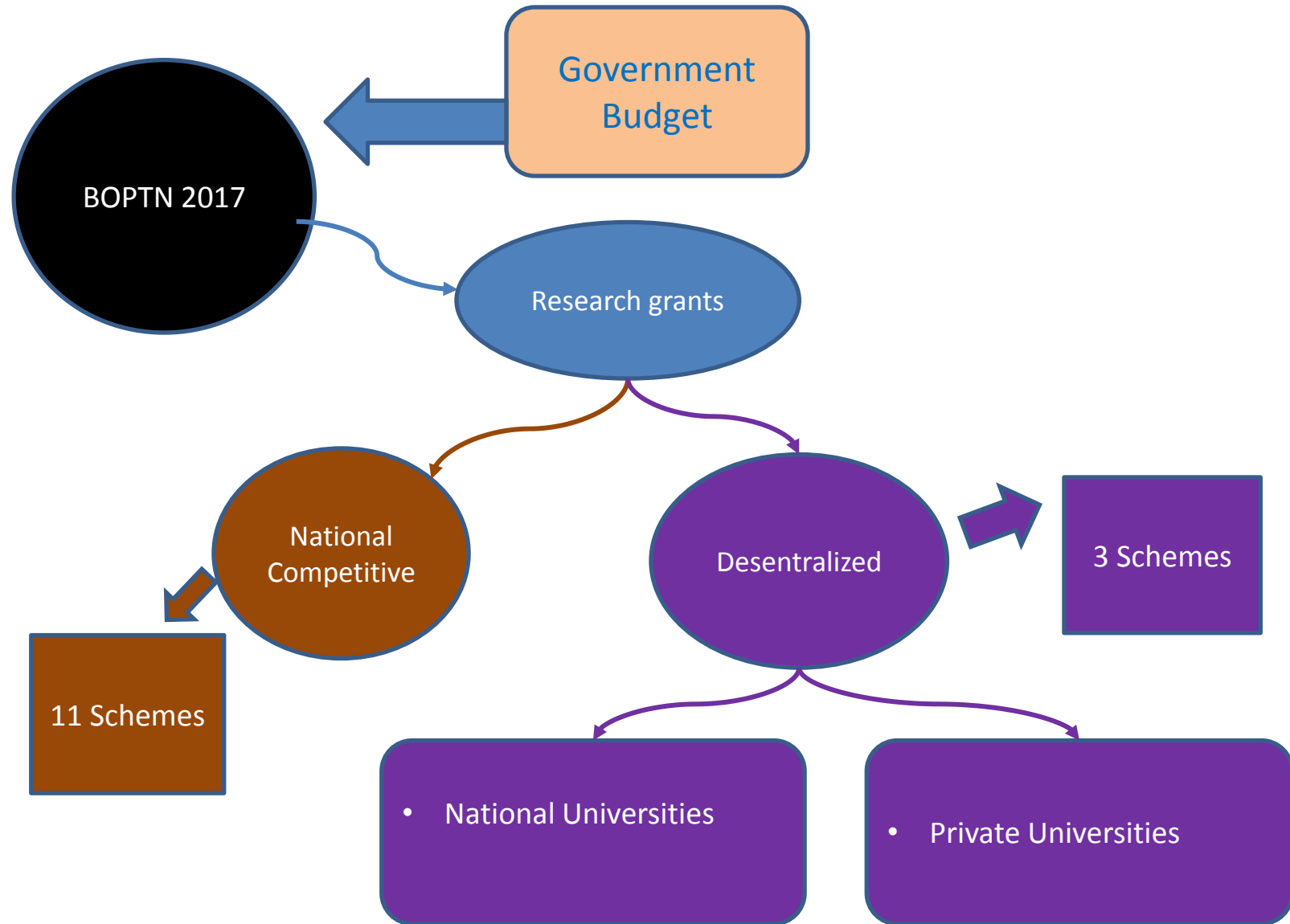
Directorate of Technology-based Start up Company

**Innovation
Clusters**

**Strengthening
industrial
innovation**

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

Research Budget for Indonesian Universities in 2018



THANK YOU FOR YOUR ATTENTION



KEMENTERIAN RISTEK DAN
PENDIDIKAN TINGGI

