

R&D and STI in Indonesia

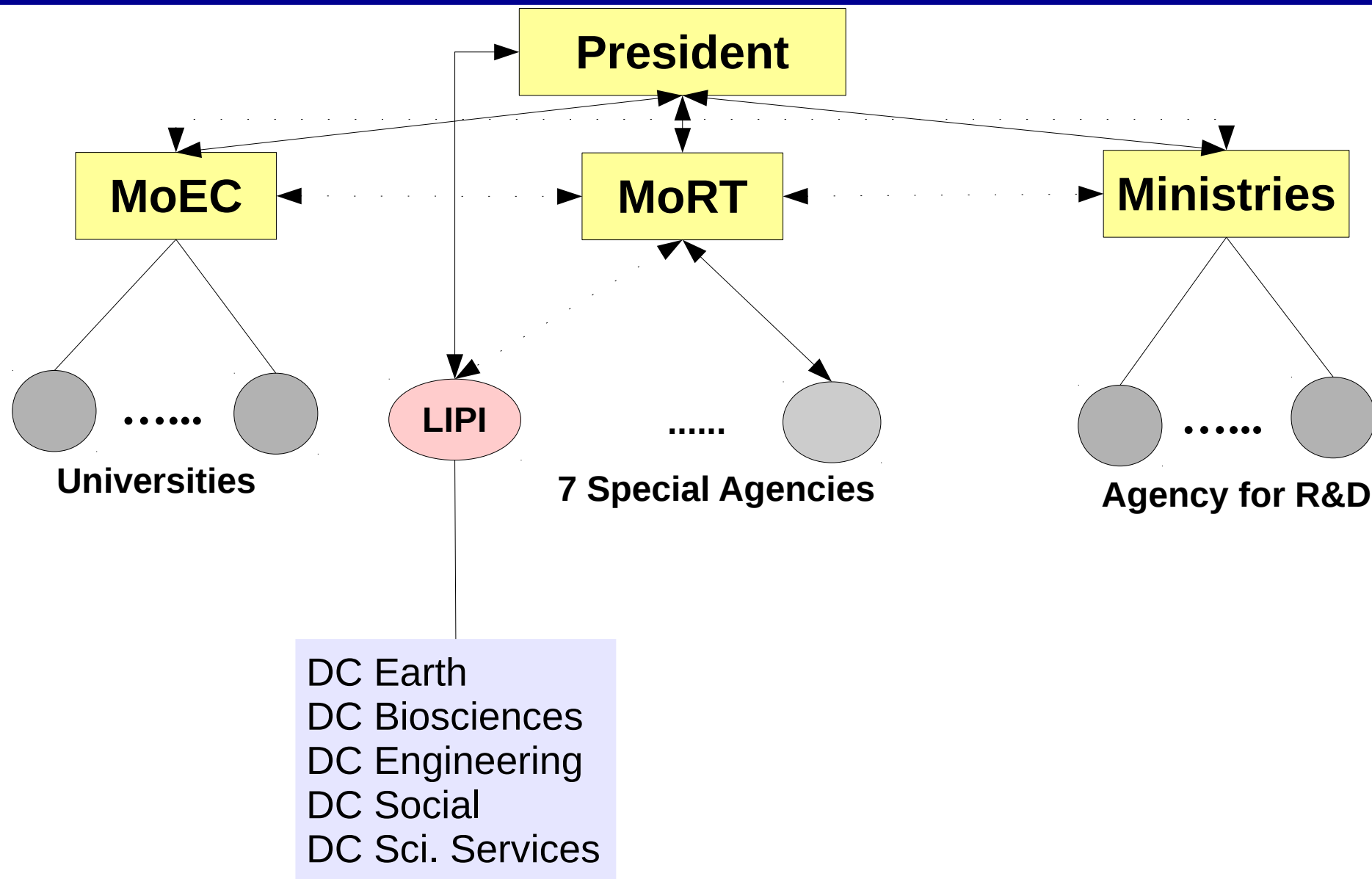


L.T. Handoko

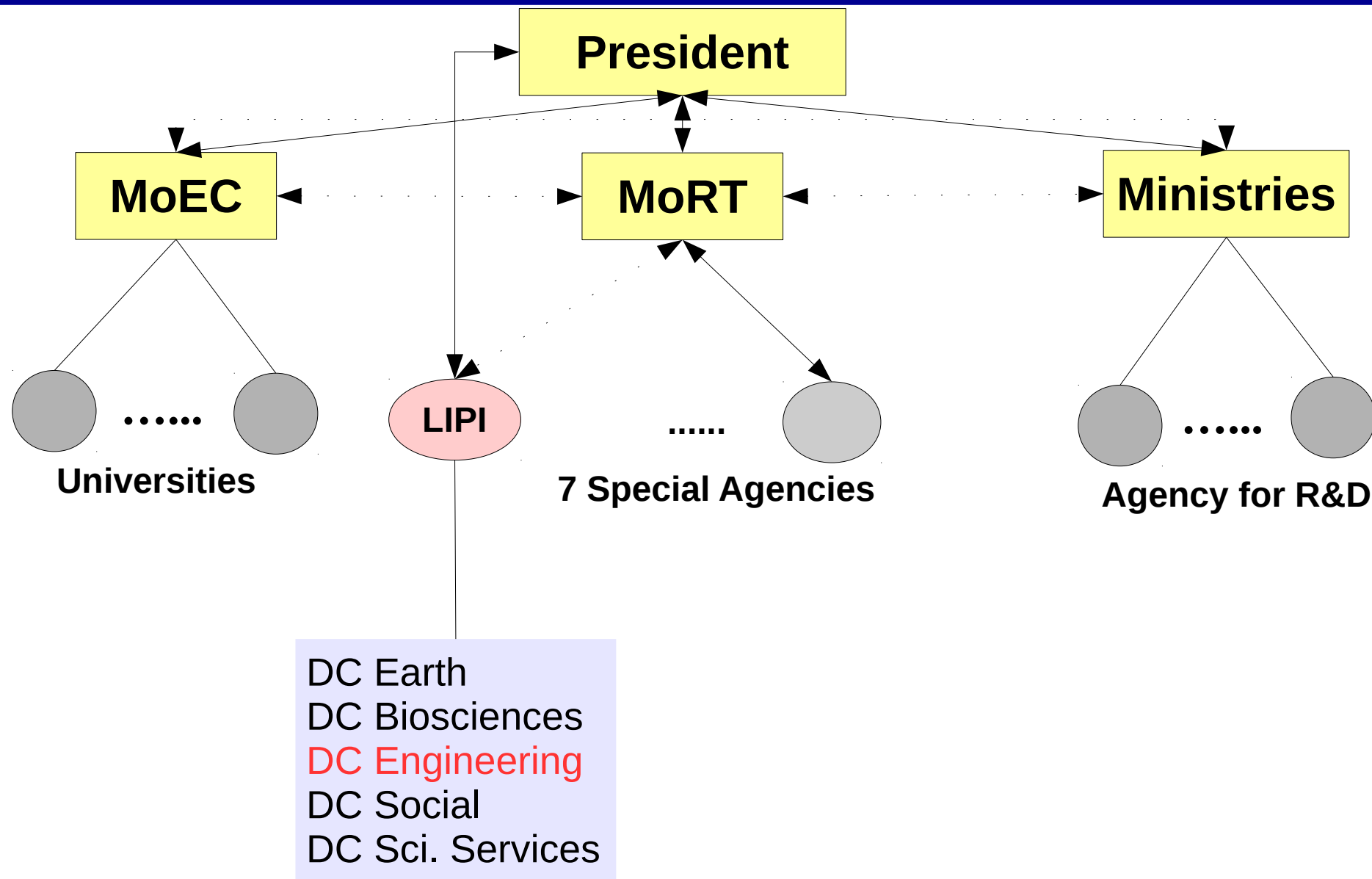
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Deputy Chairman for Engineering Sciences, Indonesian Institute of Sciences

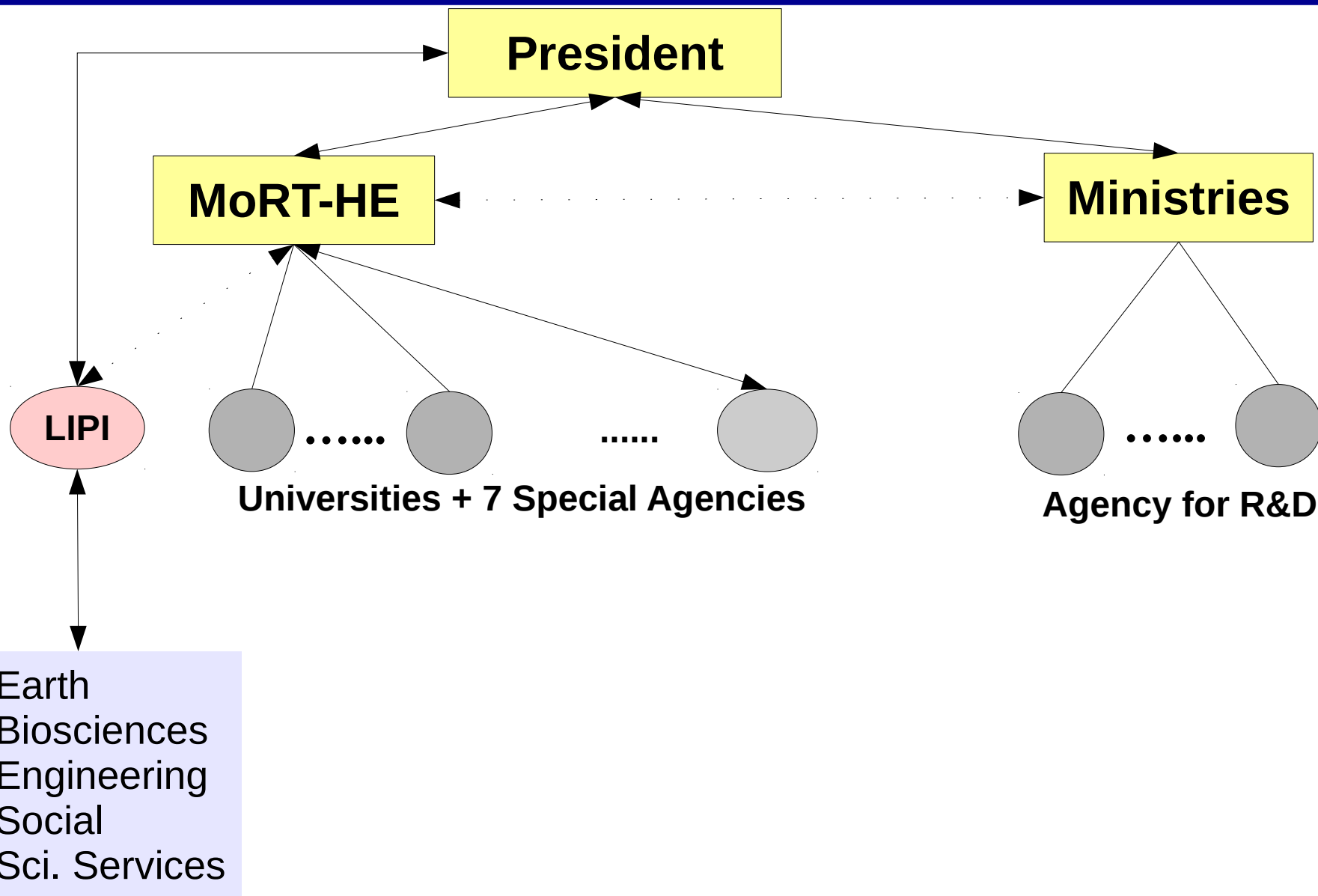
STRUCTURE (before Oct. 2014)



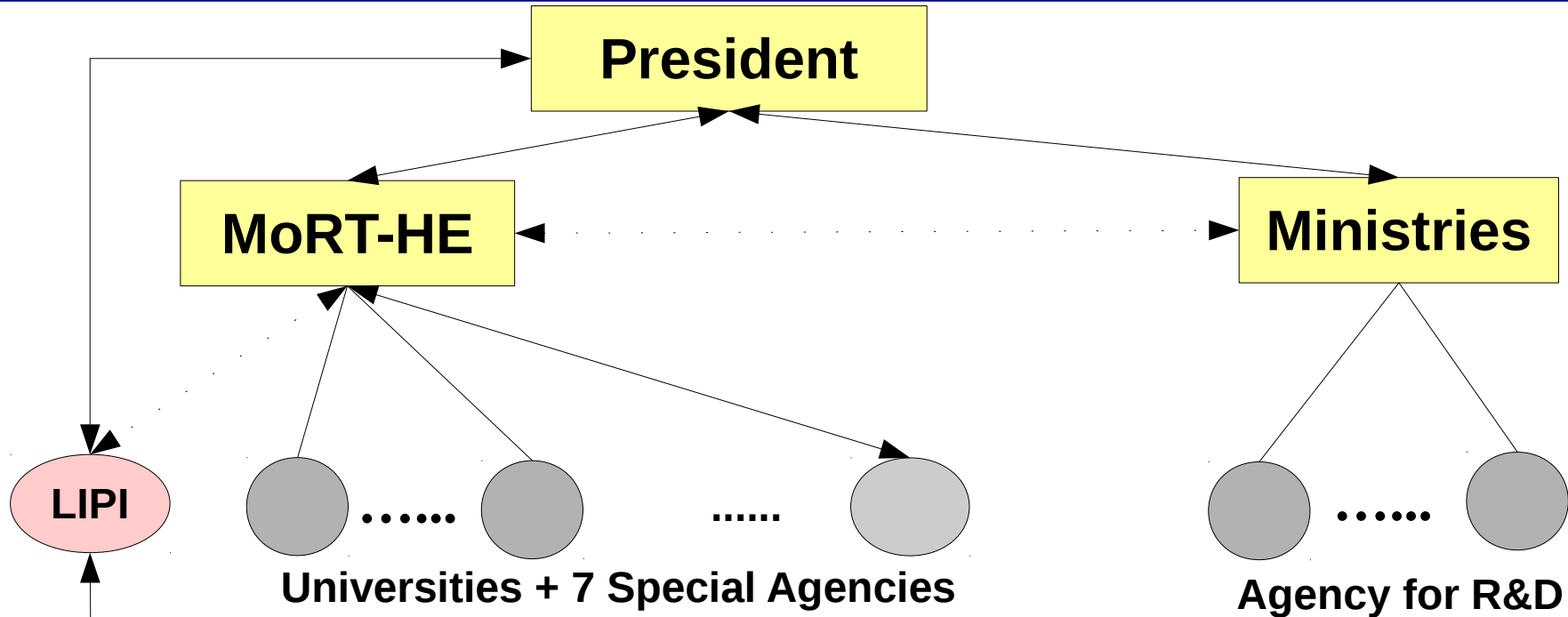
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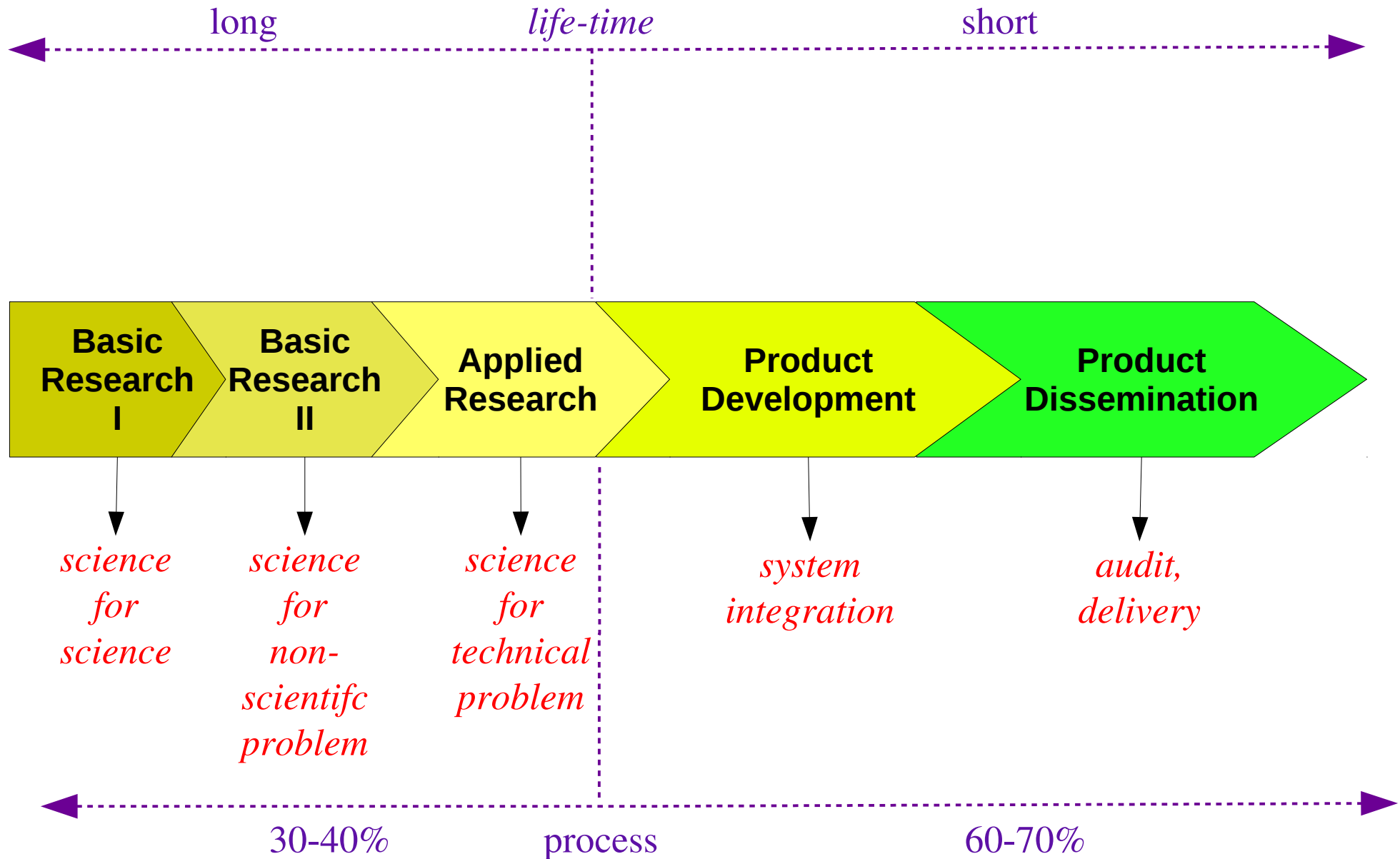
DC Earth
DC Biosciences
DC Engineering
DC Social
DC Sci. Services

RC Physics
RC Chemistry
RC Electronics
RC Mecatronics
RC Informatics
RC Appropriate Tech.
.... 9 RC's

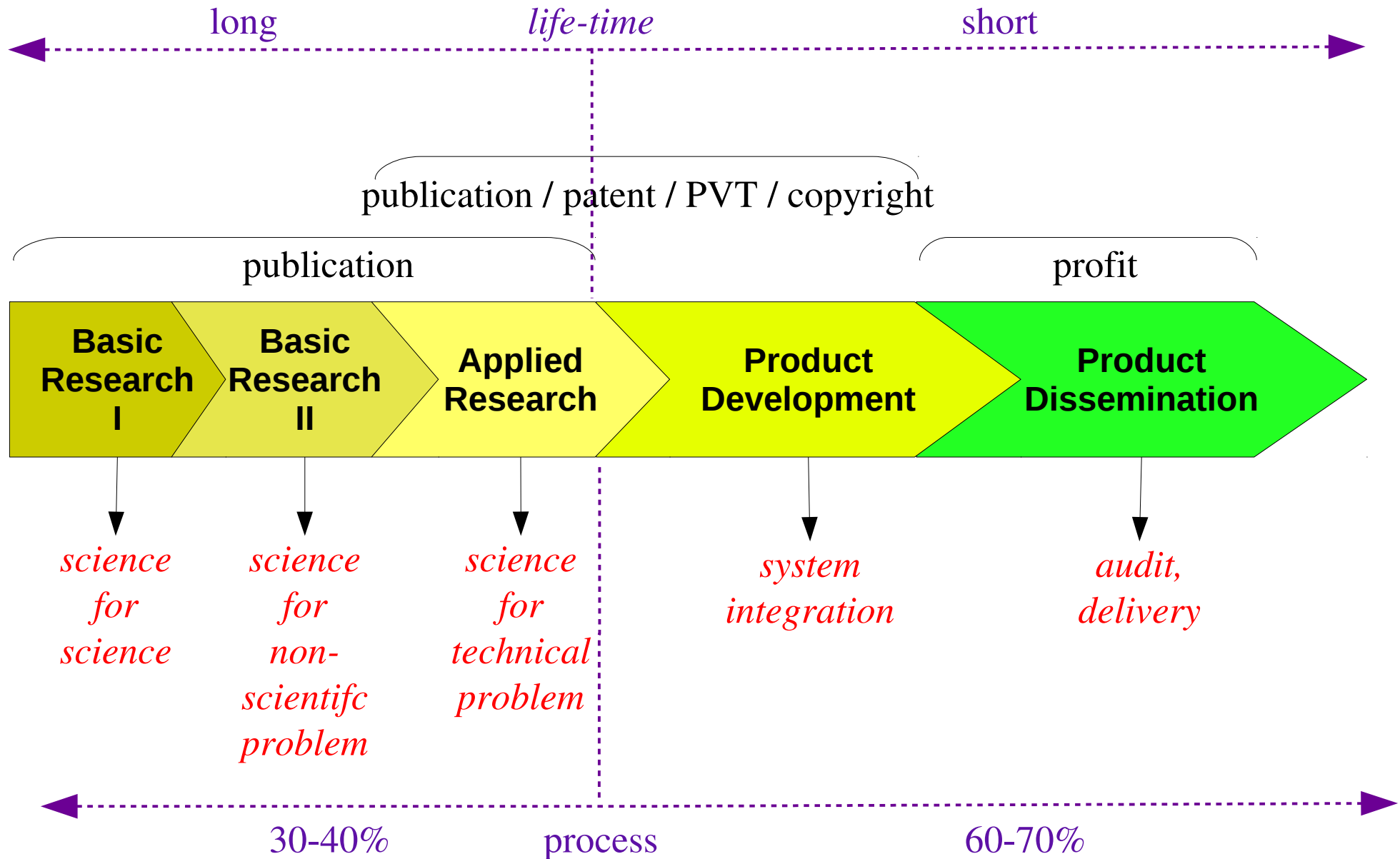
(ca 1.000 persons in 5 campuses)

LIPI : 44 RC's, 5.000 persons

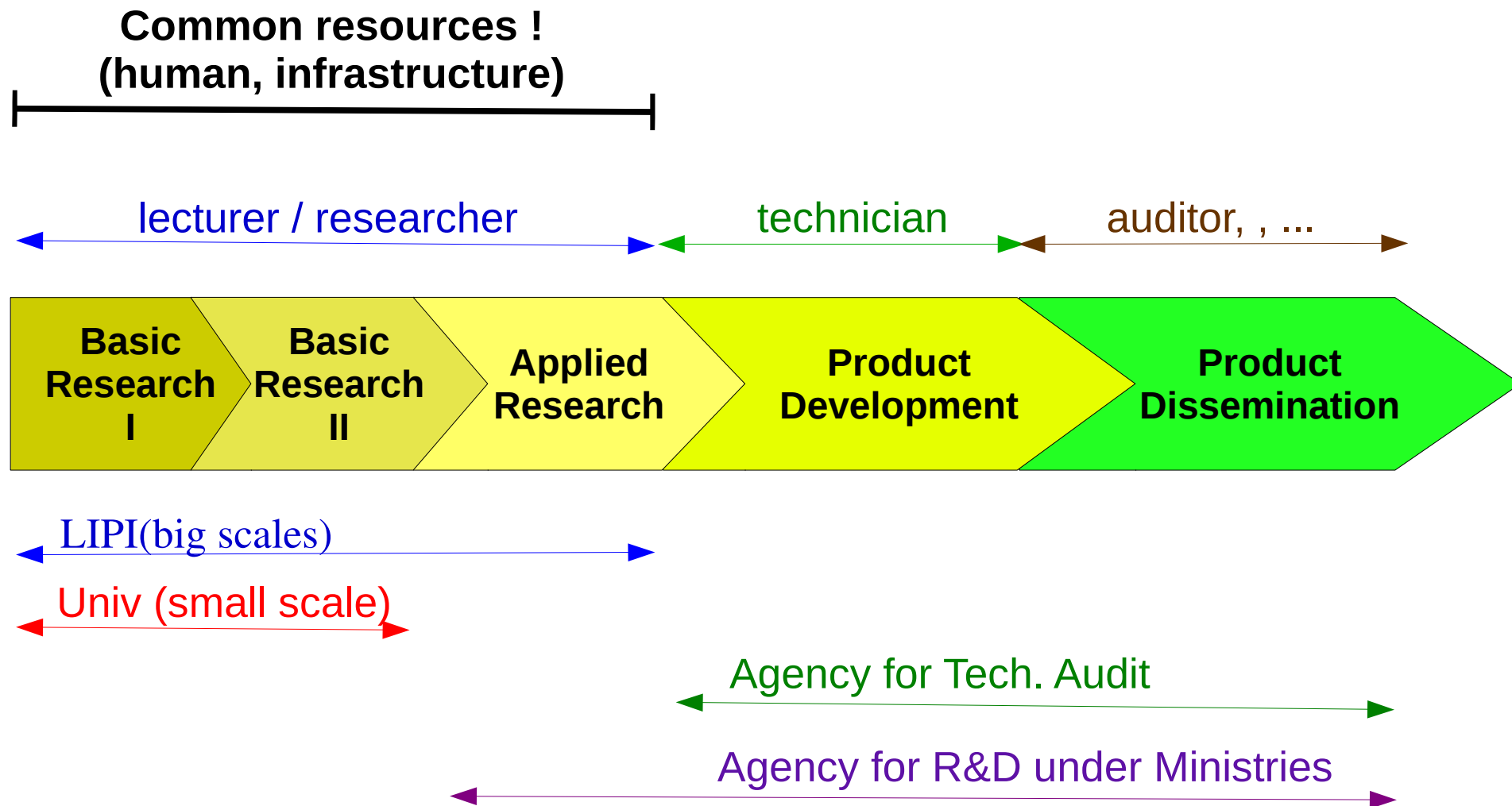
REFOCUSING : basic characteristics



REFOCUSING : basic characteristics



REFOCUSING : player's characteristics



R&D FUNDING (2014)

MoRT-HE

A part of 20% national
budget for education

Open competition

Scholarships, research grant

R&D Agencies

Internal competition

Research grant

MoF

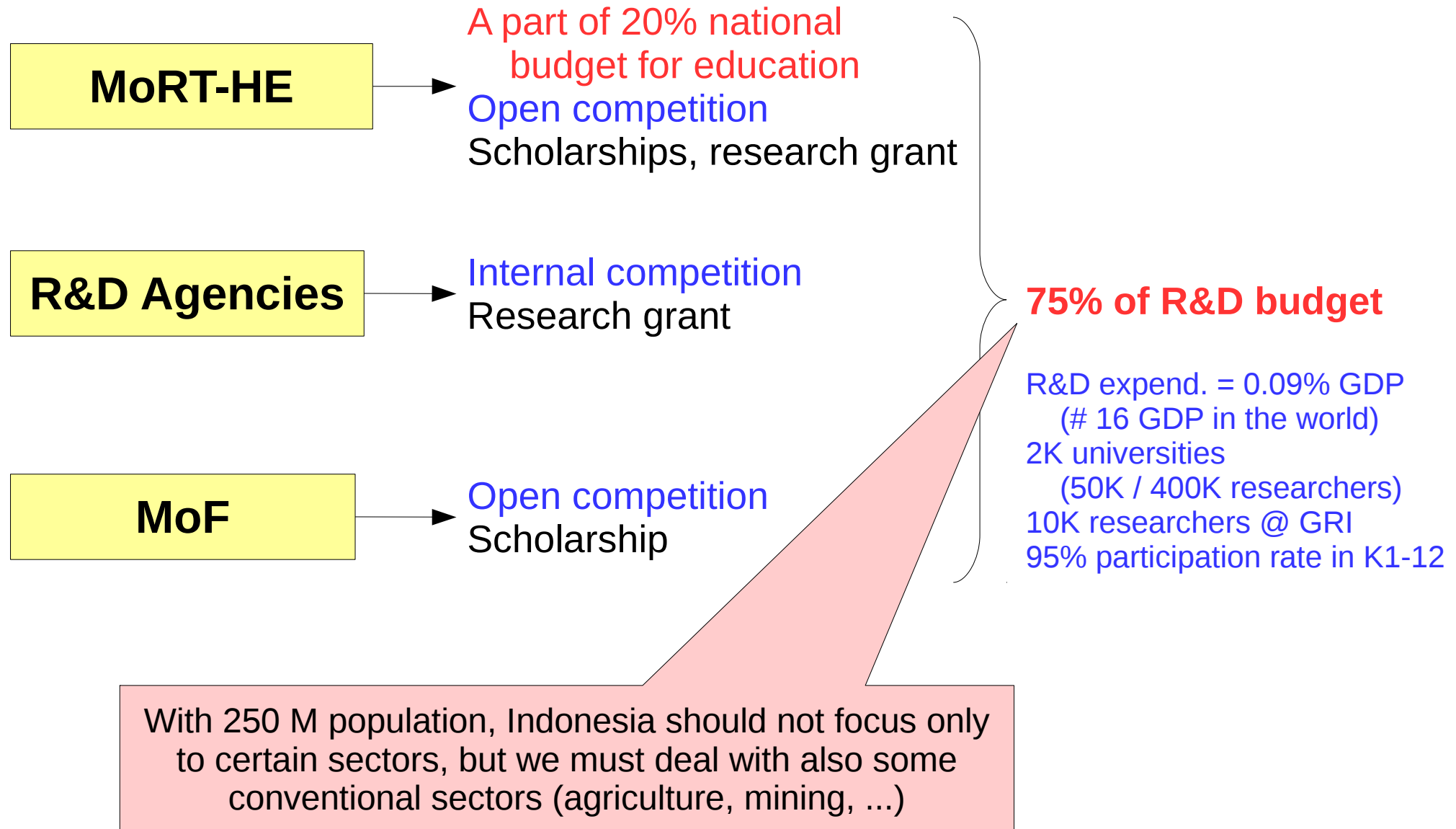
Open competition

Scholarship

R&D FUNDING (2014)



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REGULATION (after 2012)

? Program (+ performance) evaluation system for R&D

- X at national level
- ✓ at each R&D agency

X Feasibility study for R&D program

- X at national scale
- X at each R&D agency

✓ Technology foresight + indicator + index for R&D

- conducted by RC for Development of Science and Technology
- data collected by Center for Scientific Documentation & Information

✓ S&T Policy at national scale

- ✓ commercialization → incentives, licensing
- ✓ incubation → SME, ventura
- ✓ dissemination of appropriate technology in rural areas for human life Improvements
- X increase the percentage of private R&D

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**more
efforts !**

Terima-kasih...