



OVERVIEW OF INDONESIAN RESEARCH SYSTEM

STATISTICS, ORGANISATION, PROGRAMS

Version 1 – February 2016



INDONESIA AND RESEARCH

-2015-

(250 millions inhabitants)

533 MILLIONS € or 8 100 BILLIONS IDR, Representing 0.09% of GDP

(Indonesian GDP = 600 billions € or 9 000 trillions idr)

74% public + 26% private sector

Objective in 2019 = 0.5% of Indonesian GDP

Budget

Institutes

121 public universities under RISTEKDIKTI

54 Islam universities under MORA

≈ **239** Doctoral schools

≈ **1000** Research units

Staff

179 000 Number of Research staff (Public Lecturers, Master/PhD level)

15 000 Number of Researchers (Public sector)



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SCHOLAR & STUDY SYSTEM IN INDONESIA

Universitas/Institut

S3 (Ph.D) : 3 years

S2 (Master) : 2 years

S1 (Licence+) : 4 years

Politeknik

D4 (Licence+ pro)

D3 (Licence pro)

Akademi/ST

D2 (2 years degree)

BAC + Examination for higher education

Sekolah Menengah Atas (SMA): 3 years old
 Kelas 10 – 12 : 15/16 – 17/18 years old

Sekolah Menengah Pertama (SMP) : 3 years old
 Kelas 7 - 9 : 12/13 – 14/15 years old

Sekolah Dasar (SD) : 6 years old
 Kelas 1 – 6 : 6/7 – 11/12 years old

Taman Kanak-Kanak
 TK B : 5/6 years old
 TK A : 4/5 years old
 Pra-sekolah (Kelompok bermain) : 0 – 3 years old



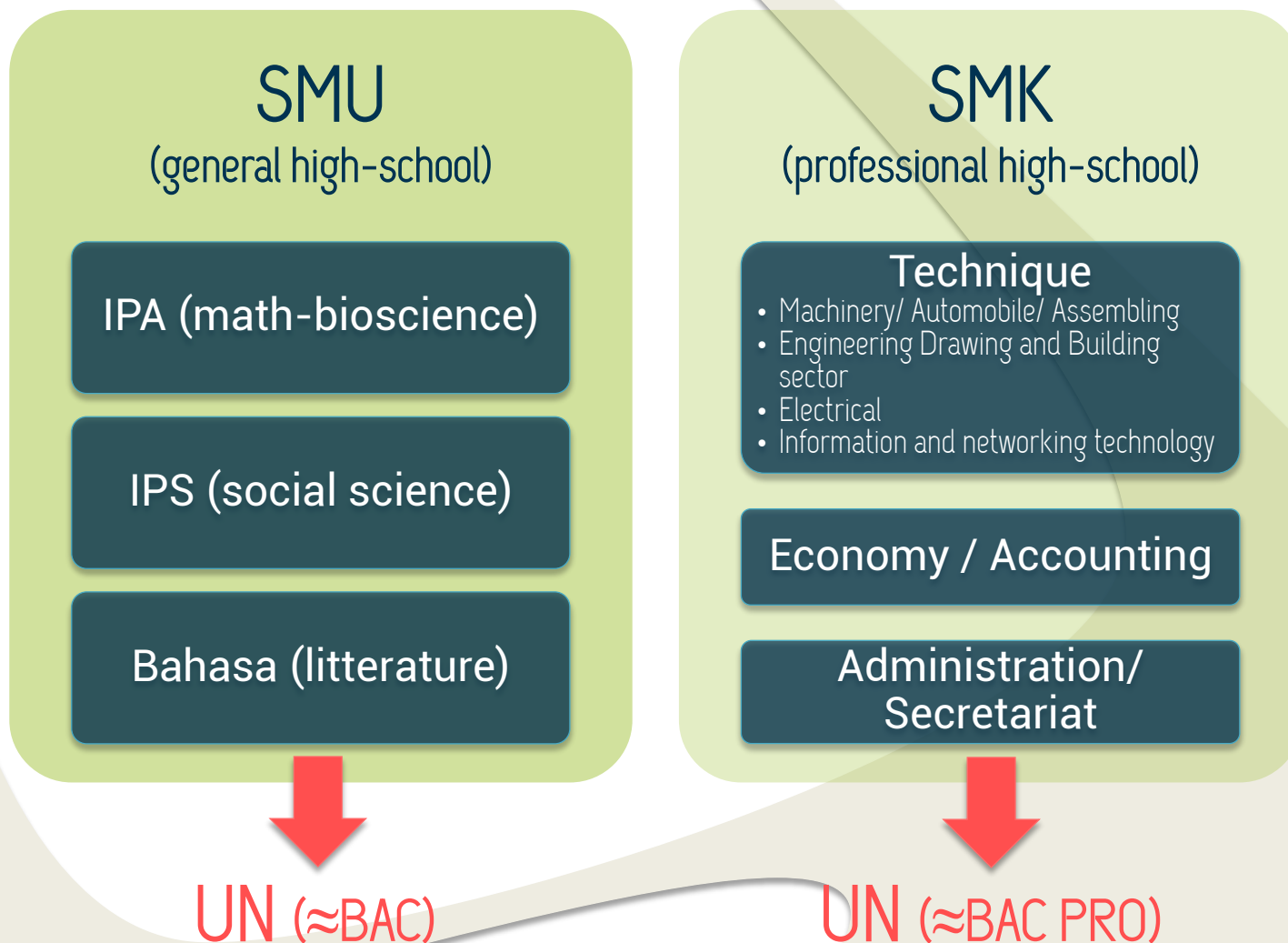
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SCHOLAR & STUDY SYSTEM IN INDONESIA

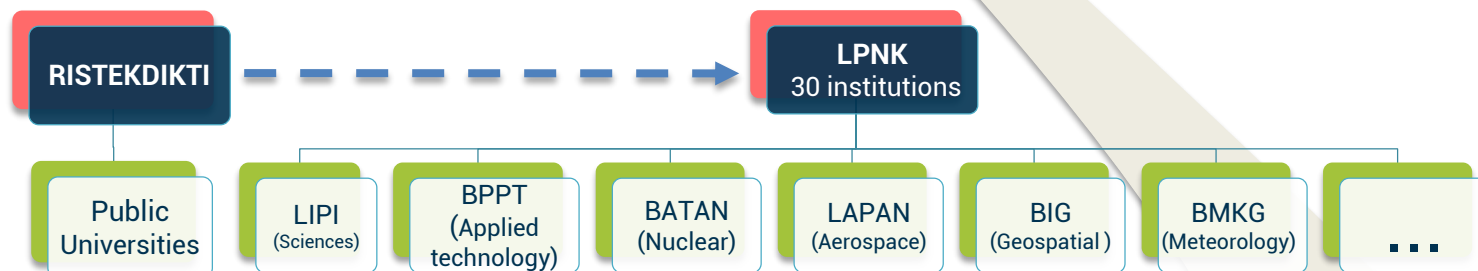
SMA (High-school)



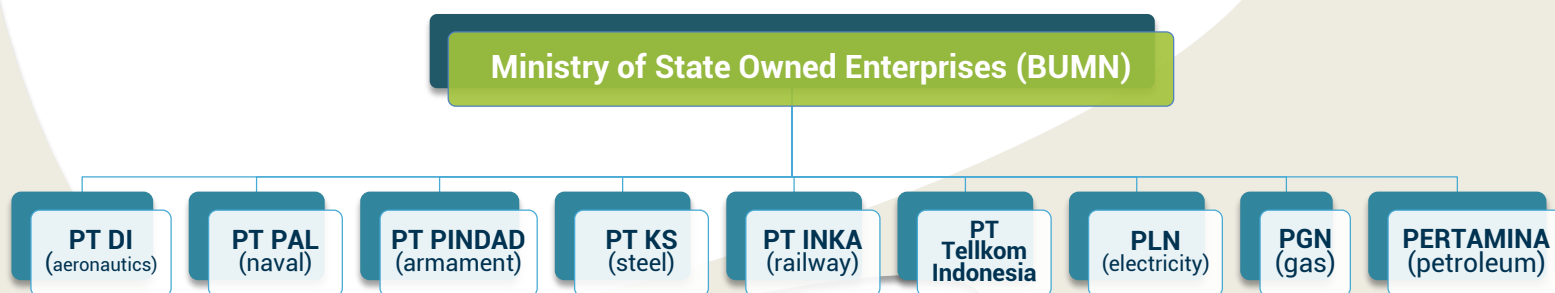
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MINISTRY OF RESEARCH, TECHNOLOGY AND HIGHER EDUCATION RISTEKDIKTI



Some major strategic national companies



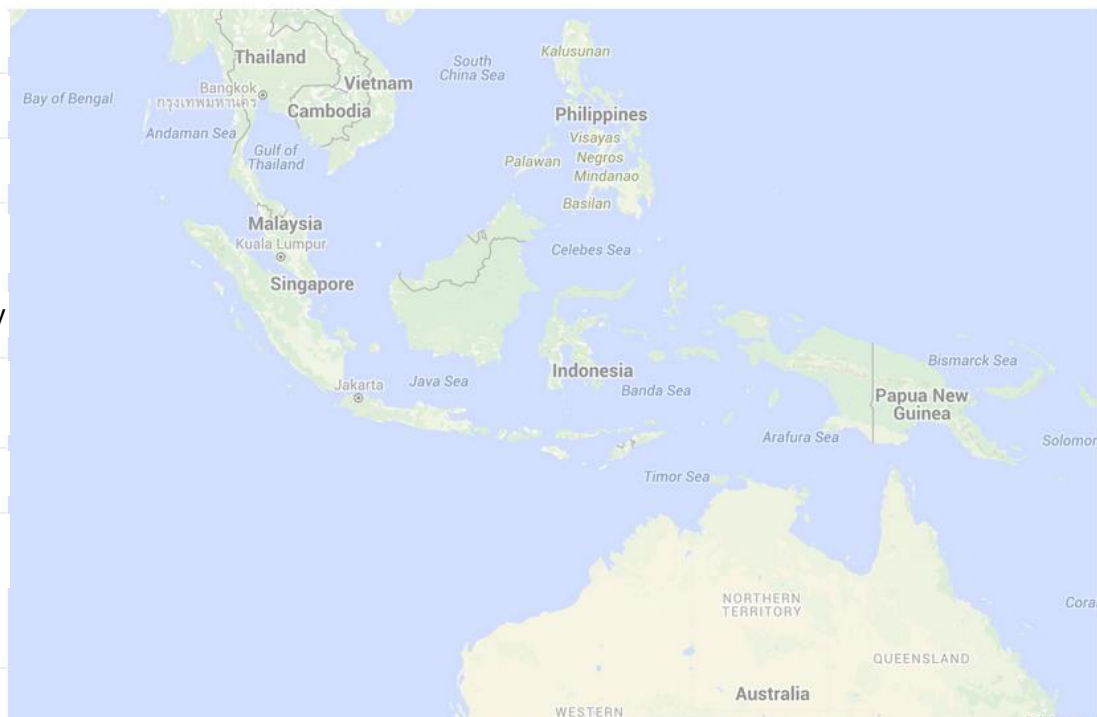
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CARTOGRAPHY OF MAIN APPLICATION FIELDS FOR RESEARCH AND HIGHER EDUCATION

Aerospace science
Agronomy & Forestry
Law & Politic Science
Economics, Business & Management
Marine Eng. & Oceanography
Engineering, Natural Science & Mathematics
Medicine/ Health
Nuclear tech & application
Information Technology & Communication
Archeology, Anthropology & Human Sciences



Geographic identification of scientific skills in Indonesia through different thematics

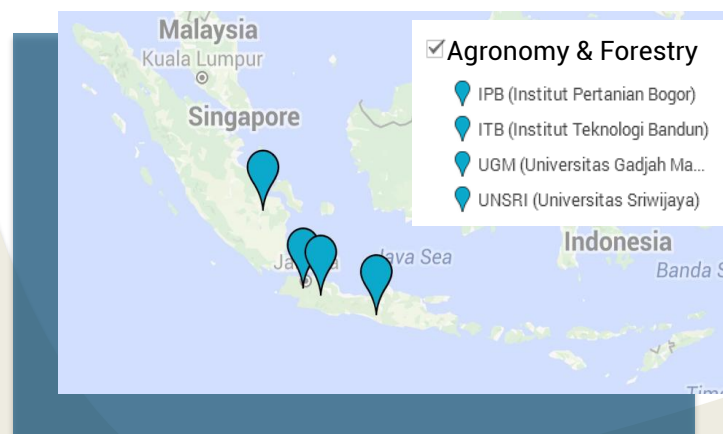
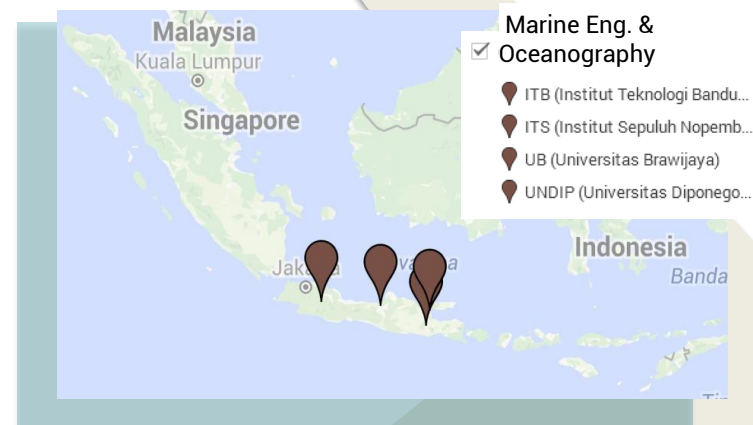


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CARTOGRAPHY OF MAIN APPLICATION FIELDS FOR RESEARCH AND HIGHER EDUCATION



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CARTOGRAPHY OF MAIN APPLICATION FIELDS FOR RESEARCH AND HIGHER EDUCATION



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CARTOGRAPHY OF MAIN APPLICATION FIELDS FOR RESEARCH AND HIGHER EDUCATION

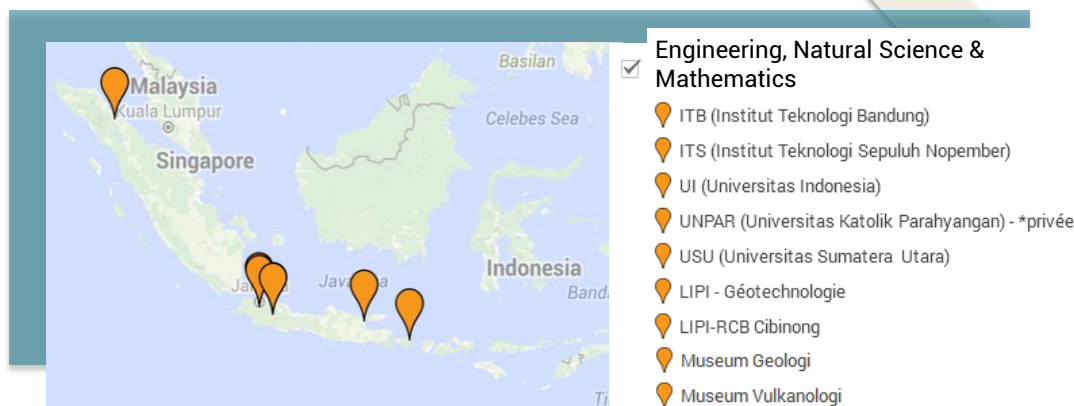


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CARTOGRAPHY OF MAIN APPLICATION FIELDS FOR RESEARCH AND HIGHER EDUCATION



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STRUCTURATION OF RESEARCH FRAMEWORK UNDER PROGRESS

<http://www.thejakartapost.com/news/2015/05/08/indonesia-build-100-techno-parks.html>



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Indonesia to build up to 100 techno parks

The Jakarta Post, Jakarta | National | Fri, May 08 2015, 11:28 AM

National News

AGO's inflexible budgets hamper prosecutions

Against reclamation

Certain countries could be excluded from free-visa policy

Human Development and Cultural Affairs Coordinating Minister Puan Maharani and Research and Technology and Higher Education Minister M Nasir have launched the development of 100 national science and technology parks.

"We hope the science and technology parks can encourage public spirit in improving national technology," Puan said at the launch ceremony at the campus of Telkom University in Bandung, West Java, on Thursday as quoted by *Antara* news agency.

According to her, technology is an important issue in the globalization era and, therefore, the techno park construction program should be realized in order to encourage the community's innovation and creativity.

Science and technology parks are managed by professionals in such way that they can boost the national economy through the development and application of science and technology.

The parks will be built in a number of regencies and cities in all provinces. The construction of 65 science and technology parks is expected to be completed this year.

"We hope the techno parks can stimulate the development of other science and technology and eventually promote the growth of the community's economy," Nasir said. (hr)

EXTERNAL LINKS

Some links you may like to visit for further specific information!

French Institute in Indonesia



Ministry of Research, Technology and Higher Education (RISTEKDIKTI)

Grant Institute (lpdp)



Indonesian Institute of Science (LIPI)



Agency for the Assessment and Application of Technology (BPPT)



National Nuclear Energy Agency (batan)



National Institute of Aeronautics and Space (LAPAN)



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Appendix

30 LPNK (NON-MINISTERIAL GOVERNMENT AGENCIES)

1. ARSIP NASIONAL REPUBLIK INDONESIA (**ANRI**) = NATIONAL ARCHIVES OF INDONESIA
2. BADAN EKONOMI KREATIF (**BEK**) = CREATIVE ECONOMIC AGENCY
3. BADAN INFORMASI GEOSPASIAL (**BIG**) = GEOSPATIAL INFORMATION AGENCY
4. BADAN INTELIJEN NEGARA (**BIN**) = STATE INTELLIGENCE AGENCY
5. BADAN KEAMANAN LAUT REPUBLIK INDONESIA (**BAKAMLA**) = MARITIME SECURITY AGENCY OF THE REPUBLIC OF INDONESIA
6. BADAN KEPEGAWAIAN NEGARA (**BKN**) = STATE EMPLOYMENT AGENCY
7. BADAN KEPENDUDUKAN DAN KELUARGA BERENCANA NASIONAL (**BKKBN**) = NATIONAL POPULATION AND FAMILY PLANNING
8. BADAN KOORDINASI PENANAMAN MODAL (**BKPM**) = CAPITAL INVESTMENT COORDINATING BOARD
9. BADAN METEOROLOGI, KLIMATOLOGI, DAN GEOFISIKA (**BMKG**) = INDONESIAN AGENCY FOR METEOROLOGICAL, CLIMATOLOGICAL AND GEOPHYSICS
10. BADAN NARKOTIKA NASIONAL (**BNN**) = NATIONAL NARCOTICS AGENCY
11. BADAN NASIONAL PENANGGULANGAN BENCANA (**BNPB**) = INDONESIAN NATIONAL BOARD FOR DISASTER MANAGEMENT
12. BADAN NASIONAL PENANGGULANGAN TERORISME (**BNPT**) = NATIONAL AGENCY FOR COMBATING TERRORISM
13. BADAN NASIONAL PENEMPATAN DAN PERLINDUNGAN TENAGA KERJA INDONESIA (**BNP2TKI**) = NATIONAL AGENCY FOR PLACEMENT AND PROTECTION OF INDONESIAN WORKERS
14. BADAN PENGAWAS KEUANGAN DAN PEMBANGUNAN (**BPKP**) = FINANCIAL AND DEVELOPMENT SUPERVISORY AGENCY
15. BADAN PENGAWAS TENAGA NUKLIR (**BAPETEN**) = NUCLEAR ENERGY REGULATORY AGENCY OF INDONESIA
16. BADAN PENGAWASAN OBAT DAN MAKANAN (**BPOM**) = AGENCY FOR FOOD AND DRUG ADMINISTRATION
17. BADAN PENGKAJIAN DAN PENERAPAN TEKNOLOGI (**BPPT**) = AGENCY FOR THE ASSESSMENT AND APPLICATION OF TECHNOLOGY
18. BADAN PERENCANAAN PEMBANGUNAN NASIONAL (**BAPPENAS**) = NATIONAL DEVELOPMENT PLANNING AGENCY
19. BADAN PERTANAHAN NASIONAL (**BPN**) = NATIONAL LAND AGENCY
20. BADAN PUSAT STATISTIK (**BPS**) = STATISTICS INDONESIA
21. BADAN SAR NASIONAL (**BASARNAS**) = NATIONAL 'SEARCH-AND-RESCUE' AGENCY
22. BADAN STANDARDISASI NASIONAL (**BSN**) = INDONESIAN STANDARDIZATION BODY (ISO MEMBER BODY FOR INDONESIA)
23. BADAN TENAGA NUKLIR NASIONAL (**BATAN**) = NATIONAL NUCLEAR ENERGY AGENCY
24. LEMBAGA ADMINISTRASI NEGARA (**LAN**) = STATE ADMINISTRATIVE AGENCY
25. LEMBAGA ILMU PENGETAHUAN INDONESIA (**LIPI**) = INDONESIAN INSTITUTE OF SCIENCES
26. LEMBAGA KEBIJAKAN PENGADAAN BARANG/JASA PEMERINTAH (**LKPP**) = POLICY INSTITUTE FOR PROCUREMENT OF GOODS / SERVICES
27. LEMBAGA KETAHANAN NASIONAL (**LEMHANAS**) = NATIONAL SECURITY AGENCY
28. LEMBAGA PENERBANGAN DAN ANTARIKSA NASIONAL (**LAPAN**) = NATIONAL INSTITUTE OF AERONAUTICS AND SPACE
29. LEMBAGA SANDI NEGARA (**LEMSANEG**) = STATE CODE INSTITUTION
30. PERPUSTAKAAN NASIONAL REPUBLIK INDONESIA (**PERPUSNAS**) = NATIONAL LIBRARY OF THE REPUBLIC OF INDONESIA

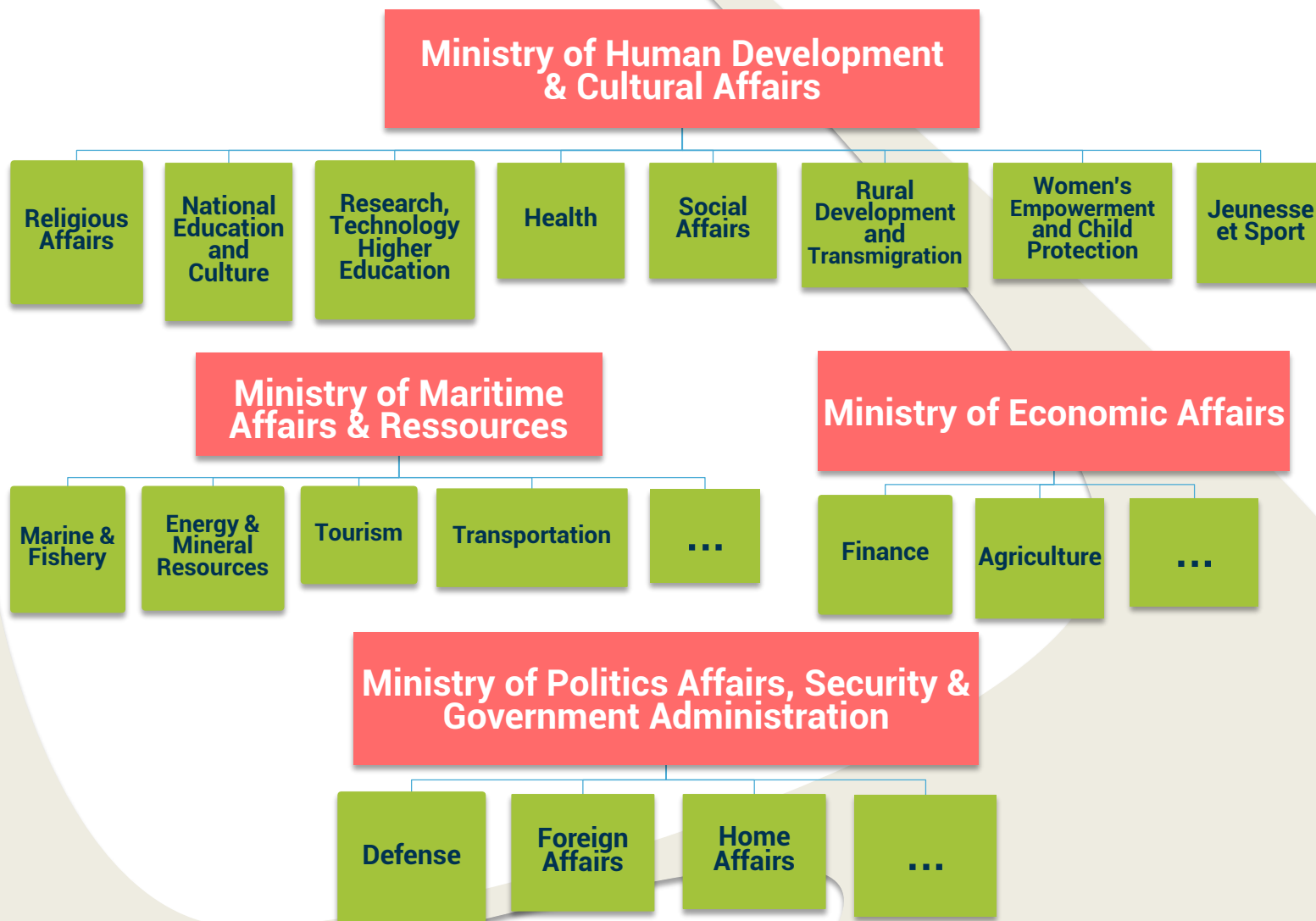


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GOVERNMENT MINISTRIES



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