

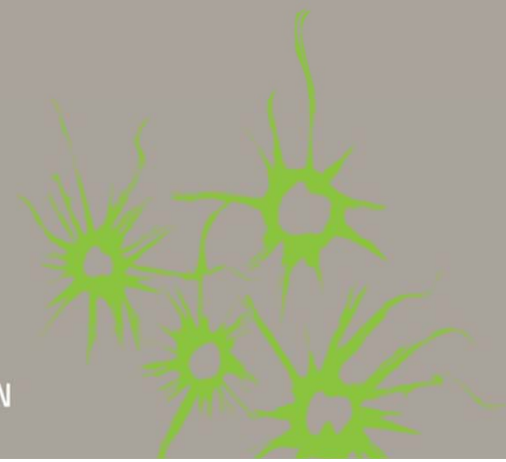
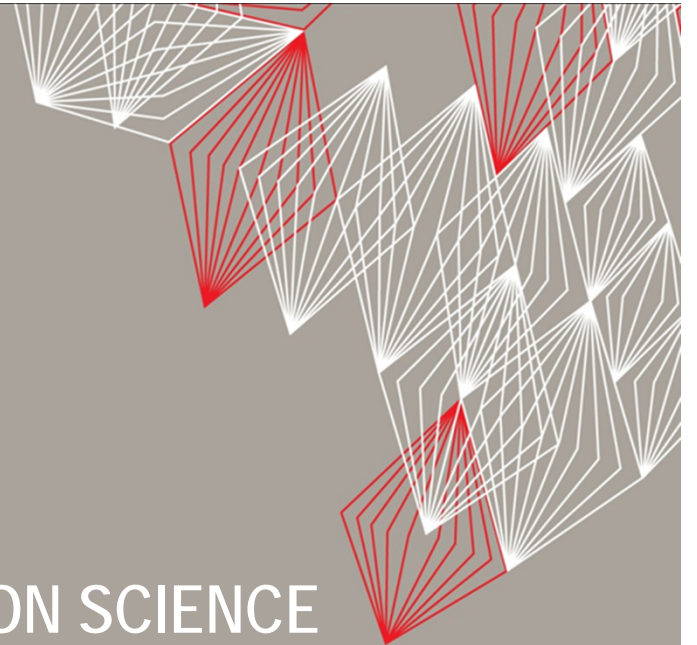
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FACULTY OF GEO-INFORMATION SCIENCE
AND EARTH OBSERVATION

TOM LORAN
COORDINATOR EXTERNAL COOPERATION



FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION





FACULTY ITC - MISSION AND MANDATE

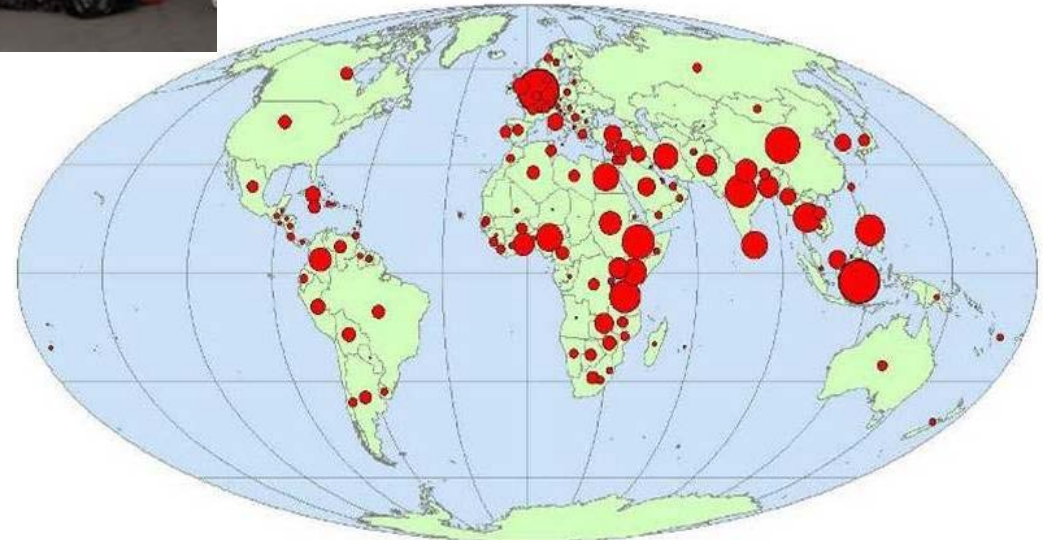


Mandate for National and International Education, Capacity Development

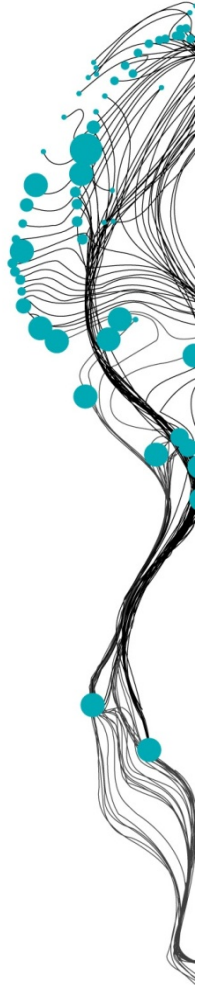
Dedicated to International Students from Asia, Africa and Latin America

Mission is the basis for our activities

74 Nationalities,
± 130 Indonesians



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ACTIVITIES IN INDONESIA

Cooperation dates back to the Seventies:

- Faculty of Geography, UGM, Yogyakarta
- Establishment of PUSPICS
- Sister Institute, ITB Bandung
- N-4 course, Bakosurtanal
- Regional Planning Projects in Aceh and Maluku
- Ministry of Forestry – training department
- LREP Project

Siti Nurbaya Bakar





ACTIVITIES IN INDONESIA

Joint education programs in Indonesia

- Spatial Planning and Risk Management (UGM, ITC – 2004)
- Urban and Regional Planning (ITB, ITC – 2007)
- Infrastructure Planning and Community Development (UGM, ITC – 2007)

- Joint PhD (ITB, UI, UGM, ITC)

- ± 150 studenten



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ACTIVITIES IN INDONESIA

Projects

- Joint Cooperation Program, phase II
- Climate Change and Food Security in Indonesia
- Geo-data for Agriculture and Water
- PhD program (BIG, LAPAN, BPPT, others)

- GEOCAP – Geothermal Capacity Building Program



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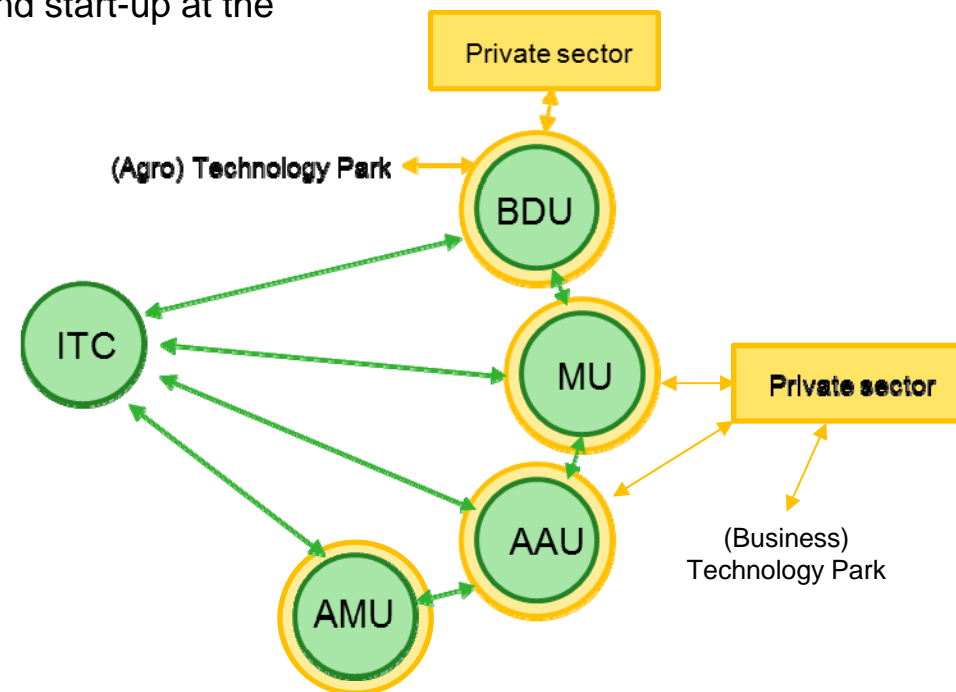




DEVELOPMENTS IN COOPERATION

University Network

- Focus on Geo-Information and earth Observation
- In line with Government Plans
- Physical link between universities and business parks
- Development of innovative spin-off and start-up at the interface
- Supported by knowledge park UT
- Shared funding by 3 (?) parties
- Flexibility in scholarship allocation
- Blended learning





NGCBP : NATIONAL GEOTHERMAL CAPACITY BUILDING PROGRAM

Background:

- Ambitious plans to upscale activities in Geothermal Energy
- Substantial increase in Geothermal Energy (3900 MW by 2015)
- Assessment of the need for trained personnel
 - Scientific staff in Universities
 - National and local Government staff
 - Management and technical staff in Companies
- 50 to 70 Engineers/Earth Scientists per 1000 MW
- 1.7 FTE per additional MW of GE installed
- Original request from BAPPENAS



1 January 2014: GEOCAP



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GEOCAP : GEOTHERMAL CAPACITY BUILDING PROGRAM

Objective of GEOCAP:

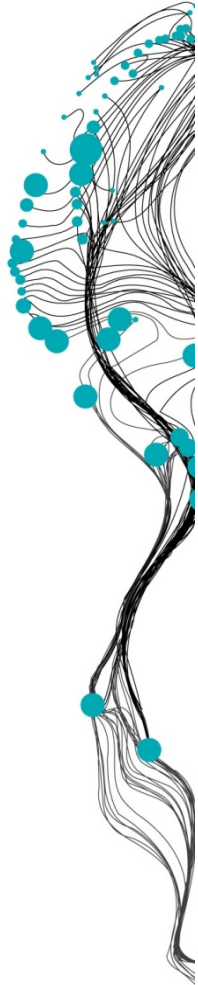
increase the capacity of Indonesian Ministries, Local Government, Agencies, Public and Private Companies, and Knowledge Institutions in developing, exploring and utilization of geothermal energy resources and to assess and monitor its impact on the economy and the environment

ENDORSED BY BAPPENAS



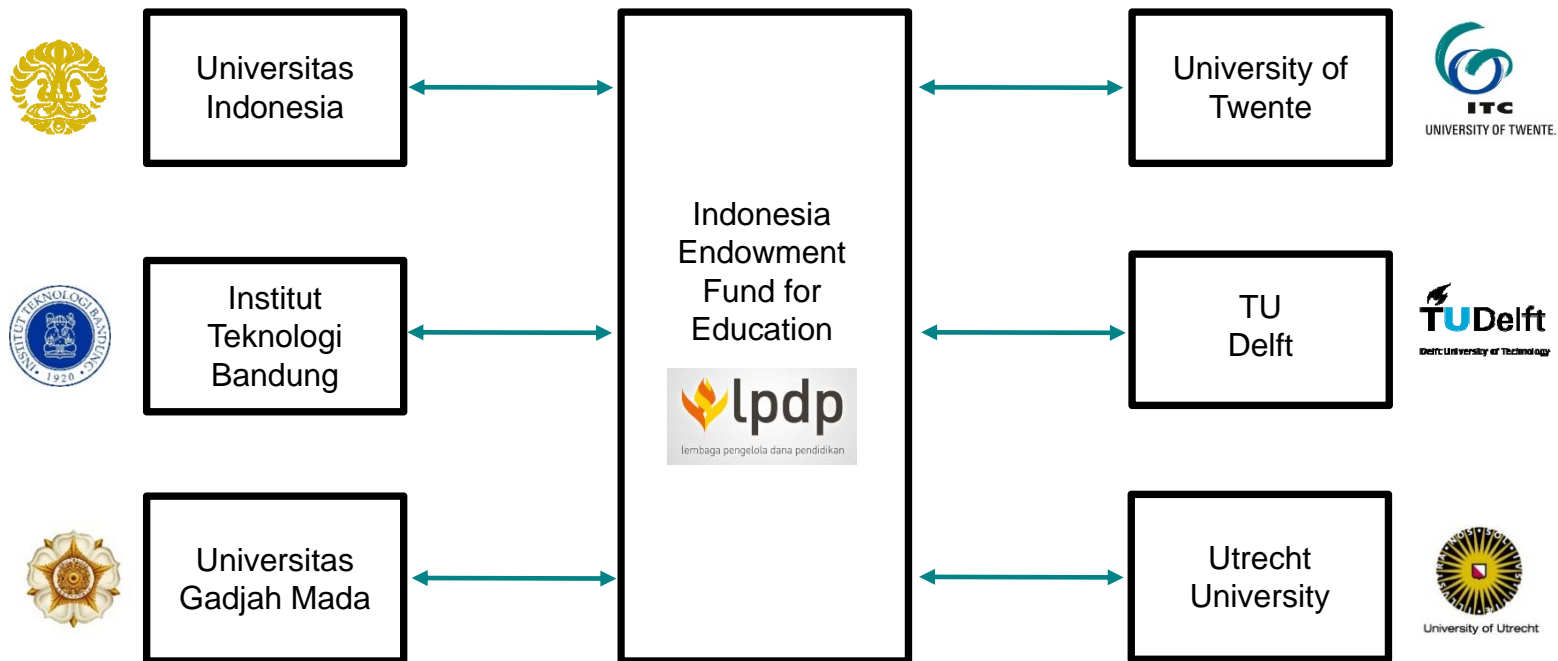
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GEOCAP : GEOTHERMAL CAPACITY BUILDING PROGRAM

10 PhD Double Degree Program

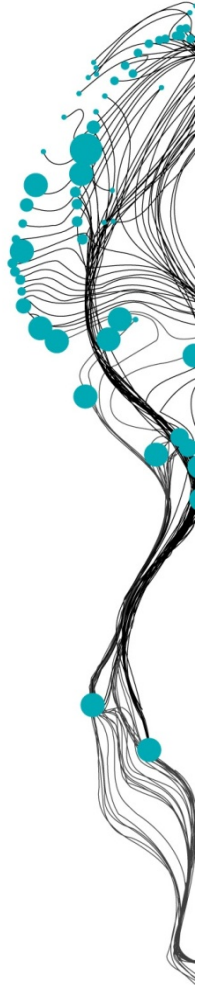




GEOCAP : GEOTHERMAL CAPACITY BUILDING PROGRAM

Train the Trainers program





TRILATERAL COLLABORATION

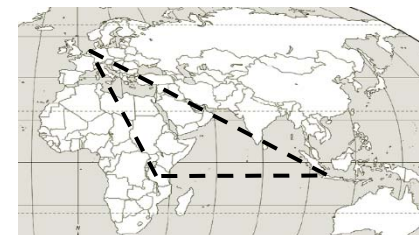


Tanzania Geothermal Development Company (TGDC, ESMAP)

Tanzania – Netherlands Energy Project (2016 – 2020, NICHE)



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Thank you!



Visit us : www.itc.nl and www.geocap.nl
Email us: geocap-itc@utwente.nl



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