Introducing the NICHE Tanzania Dutch Energy Capacity Building Programme TDECBP

Freek van der Meer – Nelson Boniface Presenters on behalf of NICHE team
The Netherlands Universities Foundation for International Cooperation

Our sponsor

EP-Nuffic
We are the expertise and service centre for internationalisation in Dutch education. From primary and secondary education to vocational training and higher education and research.
BACKGROUND

Government of the Netherlands

Ministry of Foreign Affairs

ep
nuffic
The organisation for internationalisation in education

Scholarships
Internationalisation
- NESO
- QA
- Market Surveys
Capacity Building
- NFP
- NICHE
Study in NL

Bert Koenders
Minister of Foreign Affairs

Lilianne Ploumen
Minister for Foreign Trade and Development Cooperation

UNIVERSITY OF TWENTE.
Netherlands Fellowship Programmes (NFP)

- Netherlands Fellowship Programmes (NFP) phase II. The NFP programme aims at contributing ‘to alleviate quantitative and qualitative shortages of skilled manpower at mid-career level’.
- 51 countries
- Master’s, Short Course, PhD, TMT
- Mid-career professionals nominated by employer
- Aim is to strengthen the employing organisation
NFP Results 2015

"Our alumni are not only ambassadors, but our business partners of the future"

Ministry of Foreign Affairs of the Netherlands

SuSa
The goal of spending at least 50% of the TMT budget in Sub-Saharan Africa was achieved.

Priority Areas
- Food security
- Safety and Rule of Law
- Water and Sanitation
- Sexual and Reproductive Health and Rights

Top 3 Fields of Study
- Agriculture and environment: 26%
- Law, Public administration, Public order & safety: 25%
- Humanities, social sciences, communication and arts: 19%

Total 1,776

NFP objectives
- 50% of the budget is for applications from Sub-Saharan Africa.
- 50% of fellowships has to be awarded to female applicants.

NFP Alumni related activities
- Refresher Courses: 350 NFP Alumni participants
- NFP Refresher Course.

Events:
- regional NFP Alumni events in South Africa and Indonesia

Foundations:
- alumni associations founded in 2015: 9

www.hollandalumni.nl

Total 82

Tailor Made Training
- Sub-Saharan Africa: 41

Total 1,208

Eligible candidates
- Master Short Courses: 3,915
- PhDs: 124

Awarded MA Fellowships
- Total 423
- Male: 203
- Female: 230

Awarded SC Fellowships
- Total 1,126
- Male: 683
- Female: 443

Awarded PhD Fellowships
- Total 37
- Female: 19

Declarations
- The 2015 Master’s Fellowships relate to the April and August deadlines.
- The 2015 Short Courses relate to the November 2014, April 2015 and August 2015 deadlines.

Please note
The 2015 courses listed here do not take account of the November 2015 deadline.

Programme management
Financed by the Ministry of Foreign Affairs
Administered by EP-Nuffic

internationalising education
Netherlands Initiative for Capacity development in Higher Education (NICHE)

- Initiated and financed by the Ministry of Foreign Affairs – 15 countries
- Contributes to sustainable strengthening of post secondary education
- Close cooperation with embassies and bilateral programmes
- Competency based curricula aligned to labour market
“Education is key to development”

NICHE Results 2010-2015

- **Partnerships**: 79 Dutch organisations contributing to capacity building
- **Strengthened organisations**: 180 post-secondary educational organisations in NICHE countries
- **Priority areas**:
  - Sexual and reproductive health and rights (SRHR): 11%
  - Security and the rule of law: 14%
  - Food security: 39%
  - Water: 17%
  - Other: 19%
- **Labour market**:
  - Professor oriented learning
  - Incubators
  - Internships
  - Business sector alliances
- **Gender**:
  - Promotion of female academic staff
  - Gender sensitive curricula
  - Support for female leadership
  - Role models for female students
- **Implementation of educational programmes**:
  - 1,030 newly developed or improved educational programmes
- **Trained staff**:
  - Total: 31,285
  - Women: 12,265
- **Number of students**:
  - Total: 49,330
  - Attending newly developed courses

Cross-cutting themes:

All NICHE projects respond to gender and local labour market needs.

NICHE projects last 4 years:

- Newly developed courses from current projects will open for students in the coming years.

Programme management:

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June 2016
NETHERLANDS DEVELOPMENT POLICY

- Spearheads of the Dutch development cooperation (water, food security, sexual and reproductive health and rights, security and rule of law)
- Country policy: development corporation, trade relationship
- Gender
- NICHE TDECBP
  - Tanzania Dutch Energy Capacity Building Programme focuses on the renewable (geothermal) energy and gas sector in Tanzania.
  - The programme is initiated by the Dutch Ministry of Foreign Affairs, Department of Environment, Water, Climate and Energy (IGG) intimately linked to policy of Ministry of Economic Affairs of the Netherlands
Tanzania-Netherlands Energy Project (TNEP)

Consortium

Requesting organisations:
- University of Dar es Salaam (coordinator), Karume Institute of Science and Technology and Dar es Salaam Institute of Technology

Dutch lead organisation:
- University of Twente, Faculty of Geo-Information Science and Earth Observation (ITC)

Tanzania lead organisation:
- University of Dar es Salaam

Dutch consortium members:
- University of Utrecht
- Delft University of Technology
- Hanze University of Applied Sciences Groningen

Proposed starting and finishing dates of the project: 2016 – 2020
Sustained economic and social development through a strong renewable energy- and gas sector.

At the end of the project, the requesting organisations will have the academic and organisational capacity to deliver quality research and well trained, competent and qualified professionals, involving the private sector and taking into account environmental, gender and labour market needs.
TANZANIA-NETHERLANDS ENERGY PROJECT (TNEP)

OUTPUTS

- Training of staff members
- Curriculum development
- Initiation of a research programme (MSc and PhD research)
- Strengthening cooperation in education and research and link with private sector by establishing an Energy Center.
- Investment in equipment for education and research.
- Improvement of gender balance in education and research.
Vocational Training

Level 9 (2 years)
Master diploma

Level 8 (1 year)
Bachelor diploma

Level 7 (2 years)
High level diploma

Level 6 (1 year)
Advanced diploma

Level 5 (1 year)
Technic. certificate

Level 4 (1 year)
Basic certificate

Academic Training

KIST

DIT

Renewable and Sustainable Energy Master of Engineering (ME) Oil, Gas and Renewables Bachelor of Engineering (BE)

Oil and Gas

Developed in previous HUAS project

Developed in K2K RVO project

Petroleum Geology Master of Science (MSc)

Geology and Geothermal Bachelor of Science (BSc)

Accreditation by NACTA

Accreditation by Ministry of Education

UNIVERSITY OF TWENTE.
Deputy Vice Chancellor Research UDSM: Prof. Dr. Kimambo
Vice-Dean UT-ITC: Prof. Dr. F. van der Meer
Netherlands Embassy representative: Mr. R. Verstraeten

Secretariat
Co-chairs of the Program Management Board

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Dr. Boniface

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Mr. Hamza

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Dr. Hack

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Drs. Maat
Prof. Dr. Bertotti
Prof. Dr. de Bresser

Secretariat PMT
ITC:
Dr. Alkema
UDSM: Dr. Kazimoto

Representatives of Industry (NL and TZ)
Representatives of TZ government
Representatives of (regional) knowledge centers

Pool of Experts

Output 1
Output 2
Output 3
Output 4
Output 5
Output 6
Administration
Outcomes for today

• Stakeholder views on the NICHE program and alignment with the labor market
• Structure, role, functioning of the energy centers and overarching academy/platform
• Membership to the steering committee of the NICHE program and the Energy Centers