

COLLOQUIUM ON ENERGY FOR THE GAUTENG MEGACITY REGION: RETROSPECTIVE AND PROSPECTIVE

Friday 5th April 2019 | 09:00 – 17:00

Goethe Institute, 119 Jan Smuts Avenue, Parkwood 2193 Johannesburg

EnerKey#- five years after! – An Integrated Energy and Climate Concept for the City Region of Gauteng - Status, prospects and impacts of an integrated energy supply and climate protection concept in Gauteng - lessons learnt and possible way ahead.

Energy as a Key Element of an Integrated Climate Protection
Concept for the City Region of Gauteng

Programme

SESSION 1: OPENING SESSION AND KEY NOTE ADDRESSES

Facilitator – Prof Harold Annegarn, former Secretary, South African German Alumni Association, EnerKey Co-principle Investigator, Geo and Spatial Sciences North-West University

9:00	Introductions – buzz groups
9:10	Dr Lisette Andreae, Counsellor, Head of Education, Science, Research and Technology, Embassy of the Federal Republic of Germany (10 minutes) Welcoming remarks and opening of EnerKey Colloquium
9:25	Prof Harold Annegarn, EnerKey Co-principle Investigator, North-West University (10 minutes) Introduction to colloquium: Black outs, luck and sustainability in South African German Science Partnerships.
9:40	Dr Siyavuya Bulani, Senior Liaison Officer, Overseas Collaborations, Academy of Science of South Africa (ASSAf) Key note address: The role of Science Diplomacy, with special reference to the German-South African science cooperation.
10:00	Dr Ludger Eltrop, Head of Dept Systems Analysis and Renewable Energy, IER, Univ of Stuttgart Key note address: Renewable energy technologies - progress and current achievements for a low carbon city development
10:30	Tea and coffee break

SESSION 2: THE ENERKEY SUSTAINABLE MEGACITIES PROJECT

Facilitator: Prof Harold Annegarn, North-West University

10:50	Ntombifuti Ntuli, Research Group Leader: Energy Industry, CSIR Energy Centre Experiences of South African students participating in EnerKey and aspects of German-South African science partnerships.
11:20	Ryan Roberts, Energy Advisor, seconded to South African Local Government Association (SALGA), South African German Energy Programme (SAGEN), GIZ, Pretoria GIZ's work with and for municipalities under the South African German Energy Programme (SAGEN) and the South African-German Energy Partnership.



Energy Partnership
Energiepartnerschaft
South Africa - Deutschland



Federal Ministry
of Education
and Research



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11:30	Alex Bhiman, City of Johannesburg Transforming the City of Johannesburg transport energy profile with biogas.
11:50	Rogers Musiyarira, Energy Office, Dept Co-operative Governance & Traditional Affairs, Gauteng The Gauteng State of Energy Report – evolution of Gauteng's energy planning from 2010 to 2018 and beyond
12:10	Discussion
12:20	Lunch break

SESSION 3: ENERGY PROSPECTIVE FOR GAUTENG AND SOUTH AFRICA:

Facilitator: Dr Ludger Eltrop, EnerKey Principle Investigator; IER Univ. of Stuttgart

13:00	Dr Ulrich Fahl, Head of Dept Energy Economics & System Analysis IER, University of Stuttgart Key note address: What energy system models can tell us about the potentials and limits of a low carbon economy?
13:20	Douglas Mothusi Guy, CEO, Peer Africa Pro-poor IEEECO African/Human Settlement benchmarks for the foundation of the future economic pyramid
13:40	Timon Wehnert, Head, Berlin Office and Project Co-ordinator, Future Energy and Mobility Structures, Wuppertal Institute for Climate, Environment and Energy, Berlin Is the phase-out of coal possible - lessons learnt from the German experience.
14:00	Johannes Rupp, Scientist, Sustainable Energy and Climate Protection, Institute for Ecological Economy Research (IÖW), Berlin Energy supply and society - social implications of the energy transition.
14:20	Joe Baleka, CEO, TEPRASM PBO, Alexandra, Johannesburg Energy poverty, insecurity and hazards
14:40	Tea and coffee break
15:00	Audrey Dobbins, Scientist, Energy Economics & System Analysis, IER, Univ. of Stuttgart Policies and measures to tackle energy poverty.
15:20	Dr David Kimemia, Researcher, SA Medical Research Council; Violence and Injury Prevention Research Unit (VIPRU), Institute for Social and Health Sciences, UNISA Energy poverty, consequences and solutions
15:40	Deborah Ramalope, Chief Directorate - Climate Change Mitigation, Dept of Environment Affairs Climate Change: Implications for the Energy Sector of South Africa.
16:00	Discussion

SESSION 4: OPPORTUNITIES FOR CONTINUING GERMAN - SOUTH AFRICAN PARTNERSHIPS

16:15	Representatives from German organisations – <ul style="list-style-type: none"> • DAAD – Jaco Herbst, DAAD • GIZ South African German Energy Partnership (SAGEN) • Goethe Institute
16:35	Representatives from South African organisations – ASSAf - Dr Siyavuya Bulani
16:45	Closure and Refreshments