



UNIVERSITY
OF
JOHANNESBURG

ENERGY INSTITUTE

Presented by Prof Aart Boessenkool

Session outline



- **CURRENT SITUATION**
- **QUESTIONS TO BE ASKED**
- **NATIONAL ENERGY INSTITUTE**
 - GOAL
 - ACHIEVED BY
- **PROPOSED INSTITUTE**
- **THE POSITION OF ENERKEY**

CURRENT STATUS



- **Energy research at all different universities**
- **Enerkey Governing Board**
- **Programme Management Committee**
- **Solar water Heating Project**
- **Photovoltaic research and commercial technology transfer**
- **Proposed new projects on various energy related subjects**

QUESTIONS TO BE ASKED



- **How do we ensure all research is relevant, coordinated and compliments each other?**
- **How do we ensure that projects are sustainable?**
- **How do we stop fragmentation of resources available for energy related efforts?**
- **How do we ensure a energy research and rollout voice for SA?**
- **How do we ensure tangible outcomes and do not become a talkshop?**

PROPOSAL- NATIONAL ENERGY INSTITUTE Facilitated at UJ



- **GOAL**
- **TO DEVELOP SOLUTIONS FOR THE ENERGY CHALLENGES OF SOUTH(ern) AFRICA**
- **THIS GOAL WILL BE ACHIEVED BY:**
 - Pooling of intellectual and financial resources
 - Partnership with SA and German research
 - Developing and rollout of sustainable solutions
 - Stimulating research, teaching, awareness, technical rollout in all sectors of energy fields

Resolutions required from EGB...



- It is resolved that the board approve the establishment of an energy related organisation to be known as the EnerKey Institute.
- The proposed name to be agreed by related EnerKey partners.
- The EnerKey Institute will function as an association to facilitate a platform for co-operation between all energy related initiatives to ensure the optimal use of resources to the benefit of all.
- The Enerkey Institute should engage with current stakeholders and all other energy related organisations
- The board approves a gradual rollout of the programme starting with GAUTENG
- The board will give all its support and will participate in the EnerKey Institute





