

# Sector Network Energy Sub- Saharan Africa

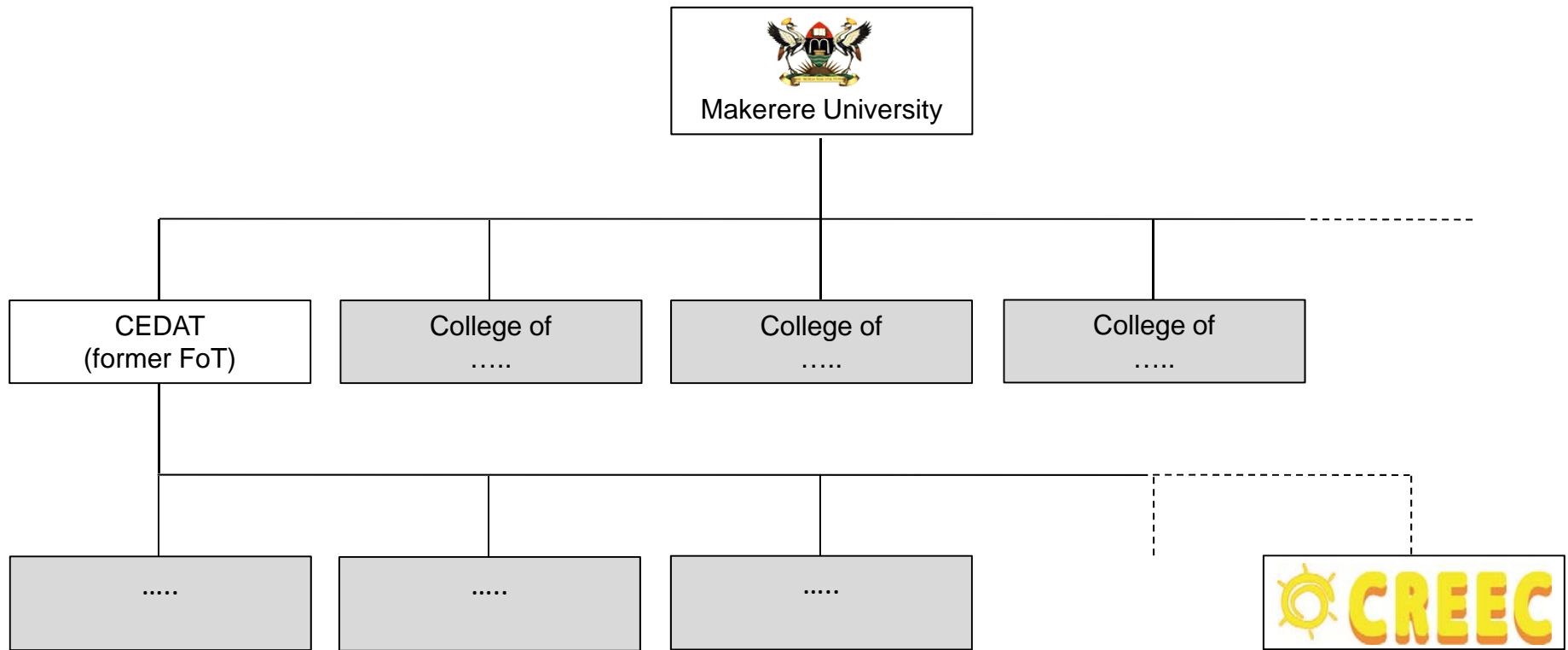
June, 07<sup>th</sup> 2011  
Nairobi, Kenya

Karsten Bechtel  
Head of Bio energy

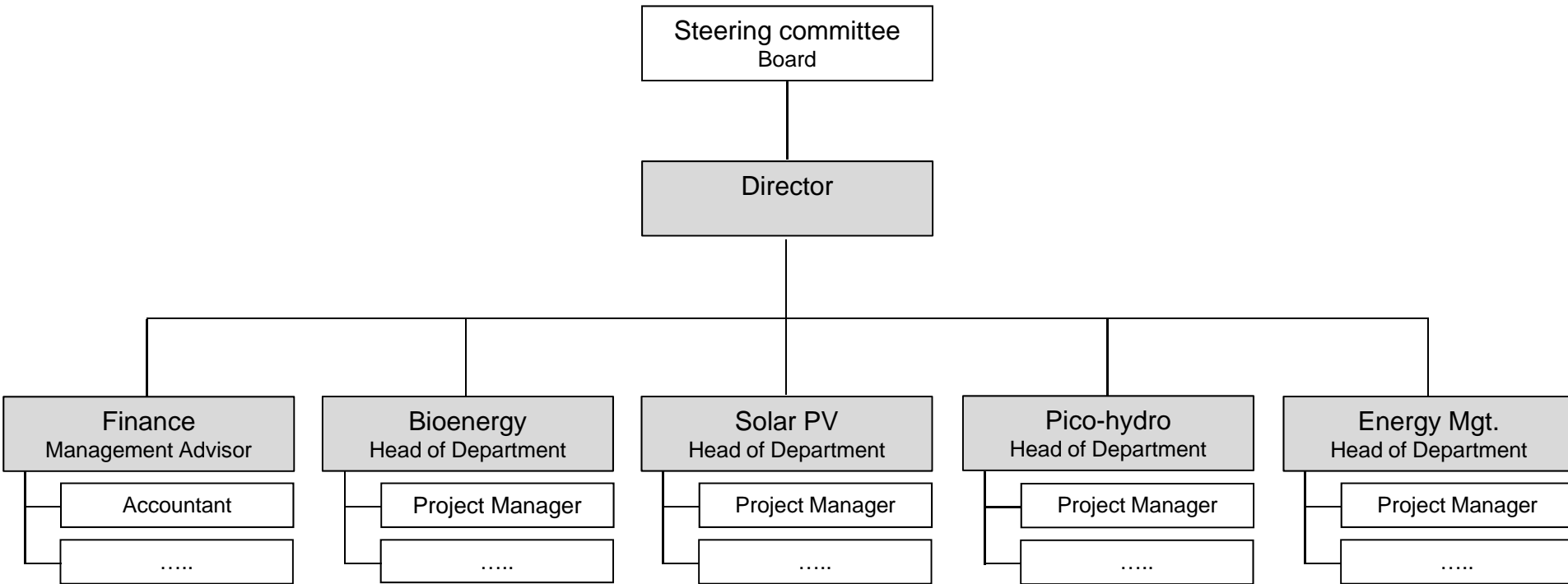


Centre for Research in Energy and Energy Conservation

# CREEC organisation (1/2)



# CREEC organisation (2/2)



# Mission and vision

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## Our mission:

To enhance access to modern types of energy through research, training and consultancy in East-Africa

## Our vision:

To be the leading centre of excellence in renewable energy for an East Africa where access to modern types of energy is a reality for everybody

# Partners of CREEC



# Other activities at CREEC

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- Biogas
- Gasifiers
- Solar testing lab
- Solar training
- Pico Hydro

# Stove Testing Service

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## Background:

- CREEC got a Biomass Research Center from GTZ (now GIZ) in 2009 – 2010
- Getting equipment like PEMS
- Starting to build up in house capacity in stoves
- Aprovecho Stove Camp 2010
- PCIA 2011 in Peru
- Signature of Lima agreement
- Core member in in two GACC groups

# Biomass Research Centre



Stove Testing Service





# Partners / clients

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- GIZ
- PCIA
- GACC
- UCB
- PSFU
- Presidential Initiative
- Wildlife Conservation Society & WWF
- GIZ Burundi and partners
- SNV Uganda
- Talking to carbon credit developers



# Testing methods

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- Stove safety tests based on lowa..
- WBT 4.1.2 including emission
  - PEMS
- CCT using clients protocols

# Results

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- Are incoming....
- currently designing a Stove data base
- Still need to improve visibility

# Way forward

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- To continue providing independent stove testing service in the region.
- Build capacity to be able to advice on stove design.

# Upcoming events

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**Biomass Energy Foundation, USA  
Stove Camp hosted by CREEC  
Main topic around TLUD  
20<sup>th</sup> to 24<sup>th</sup> June 2011**

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Please talk to us, about you  
requirements!

Thank you !