



**The Kenya Renewable Energy Association (KERA)
East Africa Renewable Energy Federation (EAREF)**

Based at Strathmore University Business School
Keri Road off Ole Sangale Road,
P. O. Box 42040 – 00100, Nairobi, Kenya.
Website: www.kerea.org

3rd October 2019

Our Ref: KERA/03/10/19

The Clerk,
Kenya National Assembly, (Parliament Building - Nairobi, Kenya) .
Our Ref: KERA/03/10/19

MR. ODHIAMBO ODAWA

(Managing Director - **THE S.M.A.R.T.** Industrial – Commercial Energy Efficiency & Renewable Energy Technologies / QUALITY and ZERO - WASTE & E - WASTE / Insurable RISKS Management Systems (K) LTD.) odawaodhiambo@gmail.com <odawaodhiambo@gmail.com>

MR. ODHIAMBO ODAWA,

The Executive Officer (CEO - Competency Skills Based National / International Technical Training Partnership Projects)
The Kenya Renewable Energy Association (KERA) and East Africa Renewable Energy Federation (EAREF) - (KERA - EAREF - EPRA- NEMA - NTSA - NITA - TVETA - CDAAC - KETRB - KCAA (ICAO) - NCA - BORAQS - AEPEA - AEE - Partnership Technical Training Projects)
Based at THE STRATHMORE University Advanced Renewable Energy Technologies Technical Training & Research Center
P.O. Box 59874 – 00200 Nairobi

MR. ODHIAMBO ODAWA - Teaching at Technical University of Kenya (TUK)

Practitioner / National & International Technical Trainer & Examiner Renewable Energy Technologies in Aviation / Air Transport & Road Transport Industry with Kenya Engineering Technologists Registration Board (KETRB – TVET – CDAAC – KERA – NEMA – NTSA – AEPEA Partnership Technical Training Projects)
Based at Technical University of Kenya formerly Kenya Polytechnic (Nairobi , Kenya)

Dear Sir,

RE: REQUEST FOR A MEETING WITH THE KENYA GOVERNMENT PARLIAMENTARY ENERGY COMMITTEE, PARLIAMENTARY ENVIRONMENTAL COMMITTEE AND THE PARLIAMENTARY TRADE AND INDUSTRY COMMITTEE.

I write on behalf of the Kenya Renewable Energy Association (KERA) and GOGLA International.

We request an opportunity to make Presentations / Discussions to the KENYA Government Parliamentary Energy Committee, Parliamentary Environmental Committee and the Parliamentary Trade and Industry Committee on 23rd October 2019 at SAROVA PAN-AFRIC International HOTEL (from 7:30 AM) on the Economic, Environmental and Health Impact that the Off-Grid Solar Solutions are having on Rural & Urban Communities across Kenya.

THE KENYA RENEWABLE ENERGY ASSOCIATION (KERA) is a National Umbrella Professional body for the Renewable Energy Technologies industry in Kenya (i.e. Low Cost & Low Carbon – CO₂ – Emissions / Pollutions for Bio – Gas & Bio – Mass / Bio – Fuel, Wind & Mini Hydro Energy Systems , Solar Homes Systems , Solar Water Heating , Solar Green Cooling Engineering & Refrigeration / Air Conditioning , E – Mobility Transport Systems Solar – Bio Gas -Hybrid “**Powered**” Road Transport Vehicles , Motor Cycles (Boda – Bodas) & Tuk Tuks , Aviation Air Crafts , Water Boats & Ships etc.)

This is dedicated to facilitating the Growth and Development of the Renewable Energy Technologies Entrepreneurships & Business Net – Working Programs / Jobs & Wealth Creation Projects in Kenya including East / Central Africa Countries.

This is as per the New KENYA ENERGY BILL (March 2019) and the proposed Zero - Waste & E - Waste / “**QUALITY**”&“**RISKS**” Management Systems BILL Recommendations/ Implementation Validation Workshop in APRIL 2019 at the KICC Nairobi

(Please Refer Attachments for KERA – EAREF – GOGLA International Partnership Projects / Facilitators)

Our Objective of these PRESENTATIONS & EXPERT PANEL DISCUSSIONS is to create an Awareness and enabling Environment to promote the use of ALL Types of Renewable Energy Technologies in Kenya.

It will also promote KENYA Circular Economy in ZERO -WASTE & E -WASTE / " QUALITY " & " RISKS " Management Systems (ISO -IEC - ITU 9001:2015 , 14001 :2015 , OHSAS - 18001: 2007 , 17020 etc.) through Reduction, Re-Use, Re- Cycling and Safe Disposal

GOGLA is the Global Association for the Off-Grid Solar Energy Efficiency & Renewable Energy Technologies industry that assists the industry to build Sustainable Renewable Energy Technologies in East & Central Africa Regional Markets for Profitable Entrepreneurships & Businesses delivering Quality, Affordable Solar PV Systems & Bio –Gas / Bio – Mass & Bio – Fuel Mini / Hybrid & Off-Grid Electricity (Energy / Power / Electricity Generation) Products / Services , Tools & Machinery / Equipment to as many Customers as possible across the developing world.

We (KERA – EAREF – KETRB –TVETA-CDACC-EPRA –NEMA-NTSA-NCA-BORAQS Partnership Practitioners/ Contractors & National Technical Trainers /Assessors etc.), however appreciate the continued Government Support and Dedication towards the Development of ALL Types of the Renewable Energy Technologies industry including Kenya 47–County based Government National /International High Productivity Competency Skills Based Technical Training / Assessment Certifications .

This was evident during our previous KENYA Government Parliamentary Committees Breakfast Meeting on 27th February 2019, at the Inter – Continental Hotel (Nairobi) which was the basis of a greater cohesion between the Kenya Parliament MPs , Senators and Stakeholders in the Renewable Energy Technologies Sector.

KENYA Government has incorporated OFF-GRID Solutions into its Energy -Mix and has been a leader in ensuring that the industry has an enabling environment to bring Relevant / Modern Energy Efficiency Products and Services, Tools & Equipment/ Machinery to Rural & Urban Communities across the country.

Most recently we noted the launch of the commendable KOSAP National Program in collaboration with the World Bank.

Over the last 2 years, GOGLA – KERA – EAREF – KETRB Partnership has undertaken groundbreaking Research to better understand the Social and Economic Impact that Access to Solar Home Systems Appliances across East & Central Africa provides to OFF-GRID Communities.

The GOGLA – KERA – EAREF – KETRB Partnership Report Findings provide a Resounding Validation of the efforts that the Government is making to Stimulate Economic and Social Development nationally by ensuring that all Households have Access to Modern Energy Efficiency & Renewable Energy Technologies Services / Products and on the inclusion of OFF-GRID Solutions in this Energy - Mix.

It is on this basis that we are seeking an opportunity to present to the KENYA Government Parliamentary Energy Committee, Parliamentary Environment and Natural Resources Committee and the Parliamentary Trade, Industry and Cooperatives Committees the Findings of this GOGLA – KERA – EAREF – KETRB Partnership Report and to create Awareness of the Social - Economic Impact that the OFF-GRID Solar industry is having in Kenya including East & Central Africa Regional Market (e.g. Rwanda, Tanzania, Ethiopia, South Sudan, Malawi, Zimbabwe, Uganda, Burundi, Kenya, etc.)

Further, while the evidence is growing, it is important to recognize that the full potential of **OFF-GRID SOLAR** can only be achieved with concerted and collaborative action from all Stakeholders across the Public and Private Sectors.

THE Mini – Grids / Hybrid & OFF-GRID SOLAR – Bio Gas & Bio – Mass / Bio – Fuels Energy Generation Systems Sector is still relatively young, and companies often operate in many challenging and dynamic environments.

We hope to engage ALL the Kenya Government Parliamentary Committees further in this regard.

Your Positive Response will be highly Appreciated by KERA – EAREF – KETRB –TVETA-CDACC-EPRA –NEMA-NTSA-NCA-BORAQS Partnership Practitioners / Contractors & National Technical Trainers /Assessors

Kind Regards,


Er. Kamal Gupta
Chairman, Kenya Renewable Energy Association (KERA) .



TVET CURRICULUM DEVELOPMENT ASSESSMENT AND CERTIFICATION COUNCIL (TVET CDACC)

Telposta Towers(25th Floor)
P.O. Box 15745-00100
NAIROBI, KENYA
When replying please quote

Kenyatta Avenue
Tel.: +254 777 172 002; +254 20 2217 210
Ext 2503/2506/2521
Email: cdacc.tvet@gmail.com

Ref.: CDACC/ADM. /1/5/VOL. 5 (51)

Date: 9th September, 2019

MR. ODHIAMBO ODAWA,

The Executive Officer (CEO - Competency Skills Based National / International Technical Training Partnership Projects)
The Kenya Renewable Energy Association (KERA) and East Africa Renewable Energy Federation (EAREF) - (KERA - EAREF - EPRA - NEMA - NTSA - NITA - TVETA - CDAAC - KETR - KCAA (ICAO) - NCA - BORAQS - AEPEA - AEE - Partnership Technical Training Projects)

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Based at Technical University of Kenya formerly Kenya Polytechnic (Nairobi , Kenya)

Dear

INVITATION TO PARTICIPATE IN A STAKEHOLDERS' WORKSHOP FOR VALIDATION OF NATIONAL OCCUPATIONAL STANDARDS AND COMPETENCY BASED CURRICULA TO BE HELD AT THE KENYA SCHOOL OF MONETARY STUDIES (KSMS) ON FRIDAY 13TH SEPTEMBER, 2019.

TVET CDACC in collaboration with various Sector Skills Advisory Committees have developed National Occupational Standards and Competency Based Curricula for different levels of qualification for use in TVET institutions. The 39 Occupational Standards and Competency Based Curricula to be presented to stakeholders for validation are per the list attached.

It is in this regard that TVET CDACC invites you to participate in the stakeholders' document validation workshop scheduled to take place at **Kenya School of Monetary Studies on Friday 13th September, 2019** from 9:00 a.m.

To confirm your availability for the workshop, kindly call 0777172002 or email to cdacc.tvet@gmail.com

Yours sincerely,

DR. LAWRENCE GUANTAI, PhD
CEO/COUNCIL SECRETARY

THE LIST OF KERA – EAREF – KETRB - AEPEA (AEE) -TVET –CDAAC –KAM

Partnership

NATIONAL / INTERNATIONAL Competency Skills Based Technical Training CURRICULUM DEVELOPMENT

DOCUMENTS VALIDATED on 13TH SEPTEMBER 2019 at THE KENYA SCHOOL OF MONETARY STUDIES

(KSMs -

Off Thika Highway)

1. SOLAR PV (Power / Electricity)

Installations Energy Generation Systems

(Low Cost / Low Carbon - CO₂ - Emission / Pollution , Design , Construction & Installations for Off – Grids, Hybrids, Mini Grids , Micro - Grids – SOLAR & Electric “ Powered – Hybrid ” Road Transport Vehicles, Motor Cycles & TUK - Tuks , Aviation Air - Crafts , Water Transport Ships

& Boats etc.)

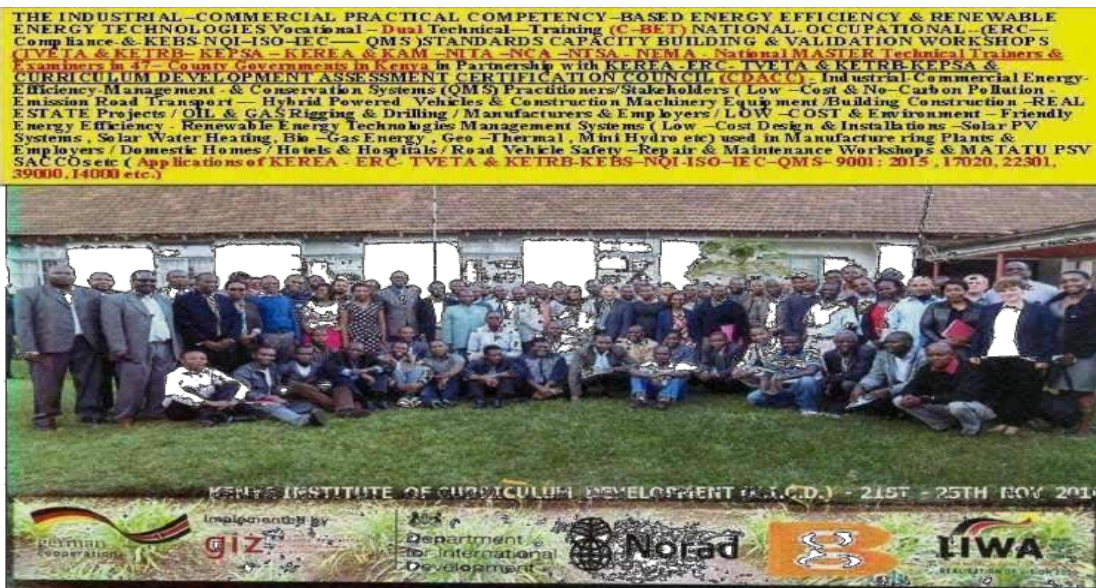
1. Electrical Installation Level 4
2. Health Records and Information Technology
3. THE SCAFFOLDING Level 3, 4 , 5 and 6
4. SOFT Furnishing Level 5
5. Waste Water Technology Level 6
6. Water and Waste - Water Laboratory Level 6
7. Water Resources Management Level 6
8. Water Supply Technology Level 6
9. Land Survey Level 6
11. . Music Level 6
12. . Theatre Arts Level 6
13. Optical Technology level 6
14. Motor Vehicle Mechanics level 4
15. Motor Cycle Mechanics Level 4
16. Marriage and Family Therapy Programs
17. Statistics Level 6
18. Film and Animation Level 6
19. . Graphic Design Level 6
20. Bio-Technology level
21. . Fine Arts Level 6
22. Community Health Level 4
23. Ceramic Technology level 3 and 4
24. Pig PRODUCTION Level 3 and 4
25. . Science Laboratory Technology Level 6
26. Library and Information Science Level 5
27. . Banking and Finance level 6
28. . Textile Engineering level 6
29. Footwear PRODUCTION level 4
30. Welding and Fabrication Level 5
31. PLUMBING level 4
32. Computer Application level 3
33. Spinning Technology Level 4
34. Footwear level 3
35. Masonry level 4
36. ICT Level 4
37. Refrigeration and Air Conditioning Level 3
38. Carpentry Level 4 & 5
39. Cooperative Management

The Following KERA – EAREF – TVETA –CDAAC Renewable Energy Technologies have NO National / Regional CURRICULUM Developed yet !!

- 1) GEO – THERMAL (Power / Electricity) Energy Generation Systems
- 2) BIO - GAS (Power / Electricity) Energy Generation Systems
- 3) WIND ENERGY (Power / Electricity) Generation Systems
- 5) BIO –MASS (Power / Electricity) Energy Generation Systems
- 6) BIO – FUEL (Power / Electricity) Energy Generation Systems
- 7) MAJOR- HYDRO (Power / Electricity) Energy Generation System
(Large Rivers – e.g. Jinja , Kiambere etc.)
- 8) MINI - HYDRO (Power / Electricity) Energy Generation Systems
(Local Village Rivers)
- 9) TIDAL- OCEAN WAVE (Power / Electricity) Energy Generation Systems
- 10) BIO – CHEMICAL (Power / Electricity) Energy Generation Systems
- 11) NUCLEAR ENERGY Electricity Generating Systems
- 12) SOLAR - THERMAL APPLICATIONS (Power / Electricity)
Energy Generation System
- 13) Radiation – Ionization (Power / Electricity)
Energy Generation Systems – e.g. X- Rays, Gamma / Beta Rays etc.)
- 14) ZERO – WASTE & E - WASTE MANAGEMENT SYSTEMS / RE - CYCLING
(Power / Electricity) Energy Generation Systems

NB;

**CLIMATE CHANGE MITIGATION / ADVOCACY & ENVIRONMENTAL
Impact Assessment & Environmental Auditing Programs**



2. **PROF. KEVIT DESAI** - (the Current Kenya Government PS for EDUCATION - TVET Programs / formerly Chairman of the Council of Technical University of Mombasa (TUM) & Managing Director – LIWA & - CENTURION SYSTEMS /SUNSHINE Co.}

3. **PROF. CHARLES ONDIEKI** - (Chairman & Director - CDACC /C- BET / TVETA},

4. **MR. ODHIAMBO ODAWA –**

(Green Cooling Initiative in Refrigeration & Air Conditioning (GCI & RAC) & Director - **THE S.M.A.R.T.** Energy Efficiency and Renewable Energy Technologies LTD. & Teaching at Technical University of Kenya & formerly Teaching at the JOMO Kenyatta University of Agriculture & Technologies (JKUAT – Juja) / KEREa – EAREF – AEPEA (AEE) – TVETA –CDAAC– KETRb Practitioner / Technical Trainer - Member},

5. **DR. QUANTAI** (Director - CDACC /CBET/ TVETA} , Ms. Zippora Meso (CDACC /CBET/ TVETA} ,

6. **Ms. AREGASH (German – GIZ Renewable Energy Projects**



THE KENYA RENEWABLE ENERGY ASSOCIATION (**KEREa**), & EAST AFRICA RENEWABLE ENERGY Federation (**EAREF**), Renewable Energy Technologies (SOLAR PV Home Systems (SHS), SOLAR Water Heating (SWH) Solar – Hybrid Powered “ Road Transport Vehicles , Motor Cycles , Boda Bodas , Farm Tractors , Aviation Air –Crafts & Water Boats / Ships etc. BIO - GAS & BIO – MASS / BIO – FUEL SYSTEMS , Zero - Waste & E - Waste Management Systems etc.) Practitioners / Contractors & National / International Practical “ Hands – On “ Technical Trainers & Examiners based at the Head Offices – The STRATHMORE University Renewable Energy Advanced Technical Training & Research Laboratory Center

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(Green Cooling Initiative in Refrigeration & Air Conditioning (GCI & RAC) Project & Director - **THE S.M.A.R.T.** Energy Efficiency and Renewable Energy Technologies LTD. & Teaching at Technical University of Kenya & formerly Teaching at the JOMO Kenyatta University of Agriculture & Technologies (JKUAT – Juja) / The KEREa – EAREF – AEPEA (AEE) – TVETA –CDAAC– KETRb Practitioner / Technical Trainer - Member},



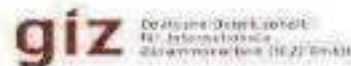
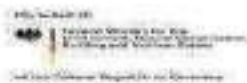
- Highlights: 55 participants across 3 days, 8 projects will be funded by Global LEAP to carry out pilots for better e-waste management across seven countries and tons of collaboration.
- Summary report: out next week (if you attended the festival and haven't provided feedback, *you can still do it*).
- Materials from the festival (presentations) are available on the GOGLA website:

<https://www.gogla.org/e-waste/e-waste-festival>

THE KENYA RENEWABLE ENERGY ASSOCIATION (KERA), & EAST AFRICA RENEWABLE ENERGY FEDERATION (EAREF), Renewable Energy Technologies (SOLAR PV Home Systems (SHS) , SOLAR Water Heating (SWH) Solar – Hybrid Powered “ Road Transport Vehicles , Motor Cycles - Boda Boda , Farm Tractors , Aviation Air –Crafts & Water Boats / Ships etc. BIO - GAS & BIO – MASS / BIO – FUEL SYSTEMS , Zero - Waste & E - Waste Management Systems etc.) Practitioners / Contractors & National / International Practical “ Hands – On “ Technical Trainers & Examiners based at the Head Offices – The STRATHMORE University Renewable Energy Advanced Technical Training & Research Laboratory Center

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**Green Cooling Initiative
Training and Certification for the Refrigeration and Air
Conditioning Sector
April 4, 2019
Fairview Hotel, Nairobi, Kenya**



Participants and Facilitators Group Photo

- R. DENNIS HUHREN** (German GIZ Chief Technical Trainer - GCI & RAC including Renewable Energy Technologies),
- MS. KATHARINA ARNDT** (German GIZ & PROKLIMA Renewable Energy Technologies' Projects ,
- Ms. NEETA SHARMA** (German GIZ – PROKLIMA – Renewable Energy Technologies Developments Projects),
- MR. GEORGE KOCHIEL** (Director - HAEVA & GCI / RAC)
- MR. MARINDANYI KIRUI** - Director Ministry of Environment & Forestry,
- Ms. JULIET CHERUTO** (GIZ - GCI & RAC Development Projects)
- MR. ODHIAMBO ODAWA** - Green Cooling Initiative & Refrigeration & Air Conditioning (GCI & RAC) Project

(Director - THE S.M.A.R.T. Energy Efficiency and Renewable Energy Technologies LTD. & Teaching at Technical University of Kenya / KERA – EAREF AEPEA (AEE) – TVETA – CDAAC – KETR Practitioner / Technical Trainer - Member}



THE KENYA RENEWABLE ENERGY ASSOCIATION (KEREA), & EAST AFRICA RENEWABLE ENERGY FEDERATION (EAREF), Renewable Energy Technologies (SOLAR PV Home Systems (SHS), SOLAR Water Heating (SWH) Solar – Hybrid Powered “ Road Transport Vehicles , Motor Cycles - Boda Boda , Farm Tractors , Aviation Air –Crafts & Water Boats / Ships etc. BIO - GAS & BIO – MASS / BIO – FUEL SYSTEMS , Zero - Waste & E - Waste Management Systems etc.) Practitioners / Contractors & National / International Practical “ Hands – On “ Technical Trainers & Examiners based at the Head Offices – The STRATHMORE University Renewable Energy Advanced Technical Training & Research Laboratory Center

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THE REPORT: The Quality of Kenyan GRADUATES from Public Universities Wanting (Daily Newspaper)

Employers are increasingly shunning graduates from public universities as quality of courses offered fall

The Ministry of Education has attributed low employment rates among Kenyan graduates to falling education standards in public universities.

Education Cabinet Secretary Fred Matiangi cited the mismatch between knowledge, skills and competencies required in the market and what the universities offer as a reason why employers shun Kenyan graduates.

Youths aged between 15 and 34 form 35 per cent of the population, those who are unemployed form 17 per cent. This is an extremely high percentage of unemployment," said Matiangi.

The minister said most of the graduates lack timely information in the market.

In addition to these, the limited linkage between employers and training institutions, basic, tertiary, severely frustrated the absorption rate of graduates in the job market.

The Matiangi report reveals that between 2012 and 2015, a total of 133,202 students graduated from local public and private universities.

The number of students graduating from degree programmes in universities in Kenya has increased from 23,523 in 2012 to 39,020 in 2015.

“The question that needs to be addressed at this time is... how many of these graduates have been employed?—estimated.

In the private institutions category, 78 per cent of the respondents mentioned Strathmore as their preferred university, a difference of just six per cent.



PROF. DA SILVA (Deputy VC - STRATHMORE UNIVERSITY & The Director of STRATHMORE UNIVERSITY Advanced Energy Efficiency Technical Training & Research Center) and **DR. BULLENT** (USAID- VOTEC Energy Efficiency - Renewable Energy Technologies Expert & Senior Lecturer ARIZONA STATE UNIVERSITY - USA) Celebrating with one of the first Advanced Practical SOLAR PVT.O.T. Practitioner – **MR. ODAWA** (Director - **THES.M.A.R.T.** Energy Efficiency LTD. / Teaching at Technical University of Kenya and formerly Teaching at the JOMO Kenyatta University(**JKUAT - Juja**) - The Beneficiary of KEPSA / KERA / KAM / TVETA Energy Efficiency & Renewable Energy Technologies Practical Technical Training Curriculum

EMPLOYERS' MOST PREFERRED VARSITIES

- University of Nairobi: 84 per cent
- Strathmore: 78 per cent
- Jomo Kenyatta University of Agriculture and Technology: 63 per cent
- Daystar: 57 per cent
- Moi and United States International University: 45 per cent
- Egerton: 19 per cent
- Kenya Methodists: 17 per cent
- Mount Kenya: 13 per cent
- University of Eastern Africa, Barotsi: 7 per cent
- Maseno: 6.3 per cent

WHY STRATHMORE UNIVERSITY?

found tradition native education institution for excellence in graduate job placement, international faculty, on-site student housing, extracurricular activities, international academic trip, trips for all and researchable students, student diversity, 360-degree support, completion of the degree, a network of alumni spanning 40 years.



The First GIZ & USAID-VOTEC Sponsored Graduates in SOLAR Energy - PV Systems Designs, Construction & Installations (Off - Grids, Hybrids, Mini Grids, Micro Grids) at The Strathmore University in partnership with The Arizona State University (USA) in July 2014 at The Site of Strathmore University 600kw SOLAR Energy - Industrial Competency - Based - Skill Technical Training Project.

PROF. DA SILVA (Deputy V.C. - THE STRATHMORE UNIVERSITY & Patron / President – The Association of Energy Professionals East Africa (A.E.P.E.A & KERA – The Regional Local Chapter of Association of Energy Engineers (A.E.E. - Based in USA South Africa) with the 1st GRADUATES in Advanced Energy Efficiency & Renewable Energy Technologies Training of Trainers (**T.O.T.**) – Practical “Hands – On” SOLAR ENERGY - Off Grid / Hybrid / Mini Grids / Micro Grids & Solar Hot Water Heating Systems (SHWH) Applications / Adaptations to Domestic Homes , Factories , Schools & Colleges, Hospitals & Dispensaries , Hotels & Lodges, Building Construction & REAL ESTATE Housing Development Projects. This includes SOLAR Application to LOW – COST / NON – CARBON EMISSIONS / NO NOISE - SOLAR “ Powered ” & “Hybrid” Road Vehicles / Road Transport Safety Industry PSV – SACCOS Operations Sponsored & Financed by TVET – CDAAC / ERC / NTSA / NEMA / USAID / VOTEC / GIZ / JICA National Technical Training Program at THE ROOF – TOP STRATHMORE UNIVERSITY 600 MW SOLAR Practical “Hands – On” Technical Training Projects.

NB:

The 47-County Based Governments in Republic of Kenya (including ALL other East & Central Africa Countries) Requires many more “Hands-On” Practical JOB & WEALTH CREATORS / Practitioners & Contractors / Manufacturers (Employers) , But NOT Educated JOB Seekers



THE KENYA RENEWABLE ENERGY ASSOCIATION (KERECA), EAST AFRICA RENEWABLE ENERGY FEDERATION (EAREF), KENYA ENGINEERING TECHNOLOGISTS REGISTRATION BOARD (KETRB), TECHNICAL VOCATIONAL TRAINING AUTHORITY (TVETA - KETRB) & THE KENYA PRIVATE SECTOR ALLIANCE (KEPSA), SNV – NETHERLANDS DEVELOPMENT ORGANIZATION (SNV), FEDERATION OF KENYA EMPLOYERS (FKE), KENYA ASSOCIATION OF MANUFACTURERS (KAM), ASSOCIATION OF ENERGY PROFESSIONALS EAST & CENTRAL AFRICA (AEPEA-AEE), KENYA BUREAU OF STANDARDS & NATIONAL QUALITY INSTITUTE (KEBS-NQI), NATIONAL TRANSPORT SAFETY AUTHORITY (NTSA)

KENYA Energy Mix (Mini –Grids & Off - Grids etc.) Registered & Licensed Practitioners, Power Purchase Agreements (PPAs) Developers / Practitioners / Site Contractors, Local & International Technical Trainers in 47 - County Based Practitioners (Employers) MEMBERS

Head Offices - The STRATHMORE University Renewable Energy Advanced Technical Training & Research Center



THE 2018 - 2022 - KERECA - EAREF - TVETA – KETRB National & International Executive Management Board & Technical Committee Members with KERECA - EAREF - EPRA - NEMA AEPEA (AEE) - KETRB (TVETA) - KEPSA & GERMAN – National & International German - GIZ / JAPAN - JICA – JCM Projects Formulation Renewable Energy Technologies Industrial - Commercial Power Purchase Agreements (PPAs) & Independent Power Producers (IPPs) Developers & Operators , Practitioners (- Employers) & Part

ners at STRATHMORE UNIVERSITY Energy Efficiency & Renewable Energy Technologies Advanced Technical Training & Research Center

MR KAMAL GUPTA - NATIONAL & INTERNATIONAL KERECA - AEPEA (AEE) Chairman (& Managing Director – SCHNEIDER Electrical / Power Technics Ltd), Mr. Cliff Owiti - KERECA -Chief Administrator,

MR. ODHIAMBO ODAWA –KERECA (EAREF) TC - Member & Director- THE S.M.A.R.T. Energy Efficiency & Renewable Energy Technologies LTD & Teaching at the Technical University of Kenya / Formerly Teaching at JOMO Kenyatta University of Agriculture & Technology (J.K.U.A.T.) -Juja)),

Mr. Charles Muchunku -KERECA - TC Member & formerly Chairman of KERECA (2009 - 2016) , Mr. Stephen Mwatoa (Lecturer - Bandari College/Kenya Ports Authority (KPA - Mombasa) KERECA TC Member , Ms. Kriten Wanyama -

(KERECA Secretariat KERECA TC Member , Mr. Andreas - Treasurer of KERECA & Managing Director

- Hotpoint Company) - TC Member , Mr.

Enos Otieno - KERECA TC Member & Director - Telesales

(NB: New KERECA • AEPEA -AEE Practitioners I Technical Trainers I Members Invited - ODHIAMBO ODAWA)

**THE KENYA RENEWABLE
00100GPONairobi**

ENERGY ASSOCIATION (KERECA) -P.O.Box42040-