



Universität Rostock



Traditio et Innovatio



Federal Ministry of Education and Research

**Location:** University of Lomé, Togo.

**Time Zone:** GMT

**For online Participation please join the respective rooms based on the links**

Lecture Hall W-5:

Lecture Hall W-6:

University of Lomé Auditorium:

## DAY One / 8<sup>th</sup> October 2024 / Tuesday

<b>Venue:</b> University of Lomé Auditorium		
8:30 – 9:30	Registration & Refreshments	
<b>Moderator:</b> Prof. Dr. Prosper Begedou		
Time	<b>Activity</b>	
	<b>Speaker</b>	
09:30 - 11:30	Opening Remarks	President of the University of Lomé or Minister of Energy of Togo
	Welcome Note	<b>Prof. Dr. Komi Agboka</b> , Director WASCAL-GSP-Togo
	Background of the ICERA event	<b>Prof. Dr. habil. Satyanarayana Narra</b> , Universität Rostock
	Keynote Speeches	<b>Prof. Dr. Gabin Ananou</b> , University of Applied Sciences Mittweide
		<b>Dr. Budzanani Tacheba</b> , SASSCAL
		<b>Mr. Jean Francis Sempore</b> , Executive Director ECREEE
Director of Energy Togo,		
	Director of Energy The Gambia	
	CEO Solo-toki Sarl	
<b>Group Photo</b>		
11:30 -13:00	<b>LUNCH BREAK</b>	



13:00-15:30

Lecture Hall W-5			Lecture Hall W-6		
<b>Session 1: Biomass and Waste as a sustainable resource</b> <b>Moderator: Prof. Dr. Komi Agboka</b>			<b>Session 2: Green hydrogen production, utilization, policy, regulatory framework, industrial requirements and transition</b> <b>Moderator: Dr. Budzanani Tacheba</b>		
Title	Speaker	Institution	Title	Speaker	Institution
Strategies for improving the quality of low-pressured rice husks briquettes: A Mini-Review <i>Authors: S. U. Yunusa<sup>1,2*</sup>, E. Mensah<sup>3</sup>, K. Preko<sup>5</sup>, S. Narra<sup>4</sup>, A. Saleh<sup>2</sup></i>	Suleiman Usman Yunusa	WASCAL - Ghana	Mauritania's Green Hydrogen Revolution: A Beacon of Hope for Sustainable Prosperity <i>Authors: Brahim Khilil</i>	Brahim Khilil	Independent Consultant, Financial Risk Management, Mauritania
Factors affecting cookstove efficiency in utilization: Case of Chitetezo cookstove <i>Authors: Tawina Kapusa Mlowa, Maxon L. Chitawo and Victor Kasulo</i>	Tawina Kapusa Mlowa	University of Business and Applied Sciences, Malawi	Systematic literature review of hydrogen production technologies, feedstocks and pathways, and its prospects in sub-Saharan Africa. <i>Authors: Robinson J. Tanyi<sup>a</sup>, Lena D. Mensah<sup>a,c</sup>, Augustine Ntiamoah<sup>b,c</sup>, David A. Quansah<sup>a,c</sup>, Muyiwa S. Adaramola<sup>a,d</sup></i>	Robinson J. Tanyi	Kwame Nkrumah University of Science and Technology
Valorization: of leaves and wood teak into briquettes and pellets <i>Authors: Fred Akakpo</i>	Fred Akakpo	University of Lomé	Leveraging the Green Hydrogen Economy to Promote Gender Equality: A Synergistic Approach <i>Authors: Amy Kebe</i>	Dr. Amy Kebe	Universite Cheikh Anta Diop de Dakar
Exploration of agricultural and agro-industrial wastes as raw materials to produce biological control agents <i>Authors: BILE Echua Elisabeth Jasmine<sup>1*</sup>, GADJI Alahou André Gabaze<sup>2</sup>, ABO Kouabénan<sup>1</sup></i>	BILE Echua Elisabeth Jasmine	Felix Houphouët-Boigny Polytechnic National Institute	Green Hydrogen Production from Floating Photovoltaic Systems (FPV) in Existing Hydropower Dams for Decarbonization and Sustainable Energy Transition in Africa. <i>Authors: Emmanuel Olorunyomi Aremu<sup>1</sup>, Agnidé Emmanuel Lawin<sup>2</sup>, David Olukanni<sup>3</sup>, Harrie-Jan Hendricks Franssen<sup>4</sup> Nathalie Voisin<sup>5,6</sup></i>	Emmanuel Olorunyomi Aremu	WASCAL - Benin
Evolution of some physicochemical parameters during the composting of agricultural waste: case of corn and sorghum stalks <i>Authors: Komlavi Hubert EDOH<sup>1*</sup>, Gnon BABA<sup>1</sup>, Gado TCHANGBEDJI<sup>1</sup></i>	Komlavi Hubert EDOH	University of Lomé	Deep learning-enabled image analysis of oxygen bubble dynamics in proton exchange membrane water electrolyzers <i>Authors: Keusra A. Gompou, André Colliard-Granero, Kouros Malek, Michael H. Eikerling, Mohammad J. Eslamibidgoli, Christian Rodenbücher, Wagnon F. Fassinou</i>	Keusra Armel Gompou	WASCAL - Côte d'Ivoire
<b>REFRESHMENT BREAK</b>					

15:30-16:00



16:00-18:00

Continuation of Session 1: Biomass and Waste as a sustainable resource <b>Moderator:</b> Prof. Dr. Komi Agboka			Continuation of Session 2: Green hydrogen production, utilization, policy, regulatory framework, industrial requirements and transition <b>Moderator:</b> Dr. Budzanani Tacheba		
Title	Speaker	Institution	Title	Speaker	Institution
Estimation of Abattoir Waste for Bioenergy as Sustainable Management and Knowledge, Attitude, and Practice of Workers among Selected Abattoirs towards Utilization of Abattoir Waste; Eastern Ethiopia <i>Authors:</i> Sina Temesgen Tolera <sup>1*</sup> , Fekade Ketema Alemu <sup>2</sup>	Sina Temesgen Tolera	Haramaya University, Ethiopia	Waste Recovery in The Design of Microbial Fuel Cells <i>Authors:</i> NGOMA TSATY Veronique Junior, Briton Bi Gouesse H., MBEMBA Kiele Molinga	NGOMA TSATY Veronique Junior	Institut National Polytechnique Félix Houphouët-Boigny-Côte d'Ivoire
Assessment of the degradable organic fraction of household and similar waste from the AKÉPÉ Technical Landfill Center (TOGO): potential for recovery by anaerobic digestion <i>Authors:</i> Kokou Semeho HUNDJOE <sup>1,2*</sup> , Komi Edem KOLEDZI <sup>1,3</sup> , Maglwa TCHA-THOM <sup>1,2</sup>	Kokou Semeho HUNDJOE	University of Lomé	Analysis of the influence of humidity on the electrical performance of a PEM Fuel Cell. <i>Authors:</i> YAYA NADJO Isdeen, FAGBEMI Latif, SOTTIMA Sottiré Bienvenu Modéran	YAYA NADJO Isdeen	Laboratory of Energy and Applied Mechanics, Doctoral School of Engineering Sciences and Techniques, Benin
Assessment of the bioenergetic potential of slaughterhouse wastewater in the port zone of Lomé <i>Authors:</i> Dègninou HOUNDEDJIHOU, Tomkouani KODOM, Ibrahim TCHAKALA	Dègninou HOUNDEDJIHOU	Universités de Lomé	Enhancing Biohydrogen Production through Dark Fermentation of Food Waste: A Review of Substrates, Inoculums, and Pre-treatment Strategies <i>Authors:</i> Djangbadjoa Gbiete <sup>1*</sup> , Satyanarayana Narra <sup>1</sup> , Qahtan Thabit <sup>1</sup> , Damgou Mani Kongnine <sup>2</sup>	Djangbadjoa Gbiete	Universität Rostock
Assessment of energy potential of residential solid waste in Asokore Mampong municipality. <i>Authors:</i> <sup>1</sup> Grant Degbe Dzitse, <sup>2</sup> Helen Michelle Korkor Essandoh, <sup>3</sup> Lawrence Darkwah, Sampson Oduro-Kwarteng	Grant Degbe Dzitse	Kwame Nkrumah university of science and Technology, Kumasi, Ghana	Biohydrogen Production from Pineapple Peels Waste by Dark Fermentation <i>Authors:</i> Abu Bakarr Bangura	Abu Bakarr Bangura	WASCAL Alumni



Methanogenic potential of Palm oil mill Effluents. <i>Authors: Ouattara Kossia, Adima Augustin &amp; Adjé Felix</i>	Ouattara Kossia	Sciences agronomiques et procédés de transformation/INP - HB, Côte d'Ivoire	-	-	-
<b>END OF DAY ONE</b>					

### DAY Two / 9<sup>th</sup> October 2024/ Wednesday

09:00-11:00

Continuation of Session 1: Biomass and Waste as a sustainable resource <b>Moderator: Prof. Dr. Gabin Ananou</b>			Continuation of Session 2: Green hydrogen production, utilization, policy, regulatory framework, industrial requirements and transition <b>Moderator: Prof. Dr. Bruno Korgo</b>		
Title	Speaker	Institution	Title	Speaker	Institution
Physicochemical Properties and Energy Potential of Combustible Municipal Solid Waste from Lomé, Togo <i>Authors: Kanlanféi Sambiani<sup>1*</sup>, Yendoubé Lare<sup>2</sup>, Adamou Zanguina<sup>3</sup>, Satyanarayana Narra<sup>4</sup></i>	Kanlanféi Sambiani	WASCAL	Green Ammonia Production Project by Africa Green Hydrogen Partners: Feasibility Study and Perspectives <i>Authors: Saliha Keita<sup>1*</sup>, Ibrahim Togola<sup>1</sup></i>	Saliha Keita	Africa Green Hydrogen Partners (AGH2)
Improving the Properties of Biofuels through Thermochemical Treatments: Principal Component Analysis (PCA) of the Effects of Torrefaction and Carbonization. <i>Authors: Nganko Junior Maimou, Koffi Ekoun Paul Magloire, Gbaha Prosper, Tiogue Tekounegning Claudine, Toure Ousmane Alpha, Yao Kouassi Benjamin</i>	Nganko Junior Maimou	National Polytechnic Institute Felix Houphouet Boigny- Côte d'Ivoire	Exploring Bioenergy with Carbon Capture and Storage (BECCS) Technologies – Its Application to Biogas System Upgrading and Green Hydrogen Production: A Review <i>Authors: Fatou Balleh Jobe<sup>1*</sup>, Satyanarayana Narra<sup>1</sup>, Qahtan Thabit<sup>1</sup></i>	Fatou Balleh Jobe	Universität Rostock
Carbonization of mango waste for use as a biofuel <i>Authors: Wanignon Ferdinand FASSINO, Dokatiéné Abdoulaye COULIBALY, Olga Yolande AKO</i>	Dr. Wanignon Ferdinand FASSINO	WASCAL - Côte d'Ivoire	Creation of a Comprehensive, Workable Plan Based on Research That Would Enable Togo to Use Alternative Fuels to Augment Its Needs for Industrial Energy. <i>Authors: Essossinam Beguedou<sup>1*</sup>, Satyanarayana Narra<sup>1</sup>, Ekua Afrakoma Armoo<sup>1</sup>, Komi Agboka<sup>2</sup>, Mani Kongnine Damgou<sup>3</sup></i>	Essossinam Beguedou	Universität Rostock



<p>Toxicity, Nutritional Quality, and Microbial Loads of Source-Separated Dried Food Waste as Poultry Feed <i>Authors: Nana Yaa Korankyewa Ayim; Sampson Oduro Kwarteng; Jacob Alhassan Hamidu</i></p>	<p>Nana Yaa Korankyewa Ayim</p>	<p>IRC WASH - Ghana</p>	<p>Sustainable energy transition in ceramic production and recycling: An overview <i>Authors: Qahtan Thabit, Wendilia Jean Toussaint Garango, Isaac Mensah, Satyanarayana Narra</i></p>	<p>Isaac Mensah</p>	<p>Universität Rostock</p>
<p>Valorization of Cocoa Pods in Côte d'Ivoire: An Eco-Friendly Promising Solution for Hospital Wastewater Management. <i>Authors: Mouafo Mouafo Franck Joel<sup>1,2</sup>, Daouda Mama<sup>1</sup>, Yao Kouassi Benjamin<sup>2</sup></i></p>	<p>Mouafo Mouafo Franck Joel</p>	<p>Université d'Abomey-Calavi au Bénin</p>	<p>-</p>	<p>-</p>	<p>-</p>
<p>Synthesis of lactic acid from sugarcane molasses collected in Côte d'Ivoire by <i>Lactobacillus fermentum</i> using a batch fermentation process (<b>Online Presentation</b>) <i>Authors: Gerardin Asengo Mabia<sup>1,3</sup>, Harinaivo Anderson Andrianisa<sup>2</sup>, Benjamin Kouassi Yao<sup>1,3</sup></i></p>	<p>Gerardin Asengo Mabia</p>	<p>Institut National Polytechnique Félix Houphouët-Boigny, Côte d'Ivoire</p>	<p>-</p>	<p>-</p>	<p>-</p>
<b>COFFEE BREAK</b>					
<p><b>Session 3 – Legal regulatory framework governing waste utilization and financial models</b> <b>Moderator:</b> Prof. Dr. Assane Beye</p>			<p><b>Session 4 – Health, environmental, and Cultural Aspects of harnessing green energy in the African context</b> <b>Moderator:</b> Dr. Budzanani Tacheba</p>		
<b>Title</b>	<b>Speaker</b>	<b>Institution</b>	<b>Title</b>	<b>Speaker</b>	<b>Institution</b>
<p>Circular Economy as a Tool for Development and Sustainability Program with emphasis on Solid Waste Management at Abesim Community: GCfPEE.ACCC-CIDA.PAPR. ICURA: IDRC-SSHRC-.AMPLE-USAID.amg <i>Authors: Aminu Bonifacio</i></p>	<p>Aminu Bonifacio</p>	<p>Bangor University-uonbi-MVE Project</p>	<p>Consumers' attitudes and valuation for renewable energy and electric vehicles: A case study from Centrale region of Togo <i>Authors: Bawoupati BITASSA, Mikémina PILO</i></p>	<p>Bawoupati BITASSA</p>	<p>WASCAL-Senegal</p>

11:00-11:30

11:30-13:30



An Economical Analysis of Household Waste Recovery <i>Authors: Maglwa TCHA-THOM<sup>1,2</sup>, Edem K. KOLEDZI<sup>2</sup>, Gnon BABA<sup>2</sup></i>	Dr-Ing. Maglwa Tcha-Thom	Université de Lomé	Can sustainable energy technologies power women's enterprises in Africa? A techno-economic analysis ( <b>Online Presentation</b> ) <i>Authors: Djalila Gad &amp; Pierluigi Leone</i>	Djalila Gad	Politecnico di Torino, Italy
Accelerating circular economy transitions in Accra, Ghana: A system dynamics model analysis <i>Authors: Maria Tomai</i>	Maria Tomai	United Nations University-MERIT	Waste Collection and Management in Nigeria: The Artistic Approach <i>Authors: Chima Kalu Chima</i>	Chima Kalu Chima	Ebonyi State College of Education, Ikwo, Nigeria
Circular economy in Africa: old wine in new bottle? <i>Authors: Wisdom Kanda</i>	Prof. Wisdom Kanda	Linköping University - Sweden	Factors limiting renewable energy adoption (State of play and future prospects) in Benin, West Africa <i>Authors: GNONLONFIN Laurent<sup>1&amp;3</sup>, OLAWALE OLAYIDE Emmanuel<sup>2</sup>, BIAOU Samadori Sorotori Honore<sup>3</sup> &amp; OUINSAVI Christine<sup>1</sup></i>	Dr. GNONLONFIN Laurent	University of Parakou - Benin
Challenges and Opportunities in The Adoption of Circular Economy Principles by Businesses in Developing Countries <i>Authors: Asomaning N. Abena</i>	Asomaning N. Abena	University of Professional Studies, Accra – Ghana	Energy access implications for unserved communities in sub-Saharan Africa: Challenges and opportunities <i>Authors: Nwabialu Biola Onyeanus</i>	Nwabialu Biola Onyeanus	Department of Global Environmental Studies, Sophia University, Japan
SONAGED Leading Institution for Circular Economy in Senegal: Proposition of Rational Waste Management to Private Companies <i>Authors: Dr. Zeynab THIAM NDIAYE<sup>1*</sup>, Mr. Lhyxzas TCHIMBOUNGOU<sup>2*</sup>, Mr. Abdoulaye DJIM &amp; Mrs Amy DIA<sup>*</sup>, Mr. Cheikh Mouhamed Fadel FALL<sup>3*</sup></i>	Dr. Zeynab THIAM NDIAYE	SONAGED – Senegal	-	-	-
Paradigm of Microfinance Circular Economy to Reduce Poverty or Not? – Achieving sustainability <i>Authors: Vasco Chiteculo<sup>1</sup>, Anacleto Diogo<sup>1</sup>, Domingos Neto<sup>1</sup>, William Nkomoki<sup>2</sup>, Budzanani Tacheba<sup>1</sup></i>	Dr. Vasco Chiteculo	SASSCAL – Angola	-	-	-
<b>LUNCH BREAK</b>					

13:30-14:30





14:30-16:00



Session 5 – Recycling of valuables Moderator: Mrs. Mona-Maria Narra			Session 6 – Development of strategies and implementation Moderator: Prof. Dr. Gabin Ananou		
Title	Speaker	Institution	Title	Speaker	Institution
Pyrolysis of Waste Polypropylene Plastics for Energy Recovery: Study Comparisons Between Bench Scale and a Commissioned Kilogram-Scale Rotary Kiln Reactor <i>Authors: George Kofi Parku<sup>1,2</sup>, François-Xavier Collard<sup>2,3</sup> &amp; Johann F. Görgens<sup>2</sup></i>	George Kofi Parku	Karlsruhe Institute of Technology, Germany	Predictive Modeling of Electricity Consumption in Togo using deep learning: A comparative approach <i>Authors: Zourkalaini Boubakar*, Belko Abdoul Aziz Diallo, Nathan Williams, Yendoubé Lare</i>	Zourkalaini Boubakar	WASCAL-Burkina Faso
Using used tyres as soil and water conservation technology in Mali. <i>Authors: Mahamadou Lamine KATILE, Aboubakar BENGALY, Souleymane Sidi TRAORE, Jesús RODRIGO-COMINO, Tom De SWAEF, Hama KASSE</i>	Mahamadou Lamine KATILE	WASCAL-Mali	In-depth waste flow analysis and determination of plastic leakage potential for exemplary tourist destinations in the MENA-Region <b>(Online Presentation)</b> <i>Authors: Julian Wiechert<sup>1</sup>, Nour El Houda Chaher<sup>1</sup>, Sven Mauch<sup>1</sup>, Abdallah Nassour<sup>1</sup>, Michael Nelles<sup>1</sup></i>	Julian Wiechert	Universität Rostock
APPE-MALI, Acteurs de la protection et la préservation de l'Environnement-Bamako <i>Authors: Ibrahim Almou</i>	Ibrahim Almou	Askia Global Services, Mali	Sustainable Solutions for Africa's Growing Cities: Trends in Urban Energy Demand <i>Authors: Dr. Victoire (Vicky) Ghafi KONDI AKARA, Dr. Mouhamadou Bamba</i>	Dr. Victoire (Vicky) Ghafi KONDI AKARA	African Institute for Mathematical Sciences Research and Innovation Centre (AIMS RIC), Rwanda
Recovery of Magnetic Particles from Wastewater Formed through the Treatment of New Polycrystalline Diamond Blanks <i>Authors: Saliha Keita<sup>1</sup>, Srecko Stopic<sup>1*</sup>, Ferdinand Kiessling<sup>2</sup>, Tatjana Volkov Husovic<sup>3</sup>, Elif Emil Kaya<sup>4</sup>, Slavko Smiljanic<sup>5</sup> &amp; Bernd Friedrich<sup>1</sup></i>	Saliha Keita	Africa Green Hydrogen Partners (AGH2)	Hybrid Systems Control Strategies for Buildings Integration <i>Authors: Abdoul-Razak ALI-TAGBA<sup>1,2*</sup>, Mazabalo BANETO<sup>1,2</sup></i>	Abdoul-Razak ALI-TAGBA	Centre d'Excellence Régional pour la Maîtrise de l'Electricité (CERME), Université de Lomé
<b>REFRESHMENT BREAK</b>					

16:00-16:30



16:30-18:00

Session 7 – A – Renewable Energy Moderator: Prof. Dr. Bruno Korgo			Session 7 – B – Renewable Energy Moderator: Dr. Vasco Chiteculo		
Title	Speaker	Institution	Title	Speaker	Institution
Numerical study of four coolants heat exchanger for enhancing thermoelectric performance in the hybrid photovoltaic-thermal bi-fluid collector <i>Authors: Kokou Aménuvéla Toka<sup>1</sup> &amp; Yawovi Nougbléga<sup>1,2</sup></i>	Kokou Aménuvéla Toka	Solar Energy Laboratory, Department of Physics, Faculty of Sciences, University of Lomé, Togo	Residential rooftop agrivoltaic with smart irrigation and solar PV dust cleaning system: Water-Food-Energy Nexus for passive cooling, clean energy supply, zero food mile production, and sustainable land use <i>Authors: ZOUNGRANA Windnigda<sup>1,2,3</sup>, BOUKAR Makinta<sup>1,3</sup>, COULIBALY Ousmane<sup>2</sup>, TUBREOUMYA Guy Christian<sup>2</sup>, BERE Antoine<sup>2</sup>, MADOUGOU Saydou<sup>3</sup></i>	ZOUNGRANA Windnigda	WASCAL
Projet d'accès durable à l'eau par pompage solaire pour 10 unités de soins périphériques (USP) rurales au Togo. <i>Authors: Yedidya AGBANATOR, Kossivi DOMEGNI &amp; Kokou Severin TEVI</i>	Yedidya AGBANATOR	ESCO-TOGO SARL, TOGO	AI-Driven Smart Hybrid Electric System for Enhanced Energy Efficiency. <i>Authors: Niyem Bawana<sup>1</sup>, Kokou Amega<sup>2</sup>, and Yendoubé Laré<sup>3</sup></i>	Dr. Kokou Amega	WASCAL DRP-CCE, Niger
Performance Analysis of an Off-Grid System in The Gambia <i>Authors: Sherif Muhamedou Hydera<sup>1,3</sup>, Prof Halidou Ibrahim<sup>2</sup>, Dr Mounkaïla Moussa Salleh<sup>2,3</sup>, Dr Muhammed Lamin Sanyang<sup>1</sup></i>	Sherif Muhamedou Hydera	WASCAL – Niger	Comparative Studies of Conventional and Biofuels for Sustainable Mobility using a Mathematical Model- A case of Ghana ( <b>Online Presentation</b> ) <i>Authors: Janet Osei</i>	Janet Osei	WASCAL – Niger
Impact of household's income level on their e-waste management practices ( <b>Online Presentation</b> ) <i>Authors: M. S. Ahossouhe<sup>1,2</sup>, H. A. Andrianisa<sup>1</sup>, S. Narra<sup>2</sup>, D. D. Damba<sup>1</sup>, K. Dongo<sup>3</sup></i>	Mahugnon Samuel Ahossouhe	2iE Institute – Burkina Faso	Geospatial least-cost mini-grid energy systems investigation for rural electrification in sub-Saharan Africa using advanced geospatial electrification planning tool: Case of Niger. <i>Authors: Djibo Boubé Bachirou<sup>1</sup>, Mounkaïla Saley Moussa<sup>2</sup></i>	Djibo Boubé Bachirou	West African-German Excellence Centre in Sustainable Rural Transformation, Niger
Renewable energies through the production of ecological charcoal with shea waste and other household waste. <i>Authors: Mamadou Diakite</i>	Mamadou Diakite	GTMD SARL, Mali	Higher calorific value analysis for waste communal artificial intelligence model optimization on electrical energy. <i>Authors: Hasiniaina ROJOSOA<sup>a,*</sup>, Sayon dit Sadio SIDIBE<sup>a</sup>, Marie SAWADOGO<sup>a</sup>, Francesco Di Maria<sup>b</sup> Salifou Koucka OUIMINGA<sup>c</sup></i>	Hasiniaina ROJOSOA	Institut International d'Ingénierie de l'Eau et de l'Environnement, 2iE, Burkina Faso
<b>GALA DINNER</b>					

20:00-22:30





Universität Rostock



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Federal Ministry of Education and Research

### DAY Three / 10<sup>th</sup> October 2024 / Thursday

9:30 – 11:00

Closing Session Moderator: Prof. Dr. Prosper Begedou	
Activity	Speaker
Panel Discussion <b>Panel Moderator:</b> Prof. Dr. habil. Satyanarayana Narra	<b>Panellists:</b> Minister of Energy The Gambia, Minister of Energy Togo, Executive Director of ECREEE Mr. Jean Francis Sempore, Prof. Dr. Gabin Ananou (University of Applied Sciences Mittweide), Prof. Dr. Bruno Korgo (WASCAL), Dr. Budzanani Tacheba
Award Ceremony	Judges
Conference Highlights and Feedback	Prof. Dr. habil. Satyanarayana Narra Universität Rostock
Closing remarks	Dr. Vasco Chiteculo SASSCAL
TAKE AWAY LUNCH	
FIELD VISIT	
Biogas Laboratory	
Tyre Recycling Site or Landfill	
Biomass Pelletization Plant	
END OF EVENT	

11:00 – 11:15

11:15 – 15:15

Transportation (For Field Visit)
Bus A
Bus B
Bus C
Bus D