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Sustainable Woodfuel Value Chains in Africa: Governance, Social, Economic and Ecological Dimensions

23 - 25 NOVEMBER 2021

KNUST Business School, Kwame Nkrumah University of Science and Technology, Kumasi

PROGRAMME



PROGRAM SUMMARY

Time	Room	Event
Day 0 Monday, November 22, 2021		
-		Arrival of participants
Day 1 Tuesday, November 23, 2021		
8:00-9:30		Conference check-in and morning coffee: Pick up badge and conference packet. Sale of tickets for the field trip on Day 3.
SESSION 1 - PLENARY		
9:30-10:45	Plenary hall	<p>CONFERENCE OPENING</p> <p>Introduction of Chairperson</p> <p>Response by Chairperson</p> <p>Welcome Address by Prof. Ben Kwaku Branoh Banful, Provost, College of Agric. And Natural Resources, KNUST</p> <p>Opening statement by Christian Pilegaard Hansen, University of Copenhagen on behalf of conference co-organizers</p> <p>Statement by Mr. Abebe Haile-Gabriel, FAO Assistant Director General and Regional Representative for Africa</p> <p>Statement by Mr. J.M Allotey, Chief Executive Officer, Forestry Commission Ghana</p> <p>Statement by Hon. Matthew Opoku Prempeh, Minister of Energy, Ghana (tbc)</p> <p>Chairperson’s closing remarks</p> <p>Cultural interlude</p> <p>Chairperson: Prof. (Mrs.) Rita Akosua Dickson (Vice Chancellor, Kwame Nkrumah University of Science and Technology)</p> <p>Moderator: Emmanuel Acheampong</p>
10:45-11:00		Short break
11:00-12:00	Plenary hall	<p>KEYNOTE PRESENTATION NO. 1</p> <p>“The current state and future of charcoal research in Africa”, by Dr. Tuyeni Heita Mwampamba (online), National Autonomous University of Mexico</p>

Time	Room	Event
		<p>Questions and Answers</p> <p>Moderator: Emmanuel Acheampong</p>
12:00 - 13:30		LUNCH
SESSION 2 – PARALLEL TRACKS		
13.30 - 15.00	Room 1	<p>TRACK A – ACADEMIC</p> <p>CHARCOAL ECONOMIC VALUE AND LIVELIHOODS</p> <ul style="list-style-type: none"> • Factors influencing participation and income from charcoal production and trade in Ghana (Lawrence Kwabena Brobbey (physical)) • Assessment of economic returns from charcoal production and trade in Oyo North Zone of Oyo State, Nigeria (Oyinlola Abiodun Fasoro (online)) • Contribution of firewood harvesting and trading to the livelihood of rural households in the North East Gonja district in the Savannah Region of Ghana (Mohammed Seidu (physical)) • Market analysis of fuelwood as household cooking energy in rural Rwanda – a qualitative assessment (S. Ramlah Abbas (physical)) • An estimation of national charcoal production: The case of Ghana (KS Nketiah (physical)) <p>Moderator: Mawa Karambiri</p>
13.30 - 15.00	Room 2	<p>TRACK B – ACADEMIC</p> <p>SUSTAINABLE PLANTING AND REGENERATION OF WOODFUEL</p> <ul style="list-style-type: none"> • Tree plantations and the access of smallholder farmers to land and natural resources in the transition zone of Ghana (Kojo Amanor (Physical)) • Perception of charcoal producers on the establishment of woodlots for charcoal production and its impacts on their livelihoods: a case study in the Kintampo North Municipality of the Bono East Region of Ghana (Adade Michael (physical)) • World Vision Farmer Managed Natural Regeneration (FMNR) Approach- A Catalyst for Sustainable Wood fuel production in Ghana (Maxwell Amedi (online)) • Short rotation <i>Acacia decurrens</i> woodlot sustainable fuel wood production and financial feasibility in Fagta Lekoma district of Northwestern Amhara, Ethiopia (Takele Ferede (online)) • Using pruning from trees on-farms and cleaner biomass cooking appliances reduces women’s energy burden and improves human wellbeing (James K Gitau (physical)) <p>Moderator: Frank Agyei</p>

Time	Room	Event
13:30 - 15:00	Plenary hall	<p>TRACK C – PRACTICE</p> <p>SUSTAINABLE MANAGEMENT PRACTICES</p> <ul style="list-style-type: none"> • Managing invasive Prosopis species through charcoal production in Kenya (Simon Choge, Kenya Forestry Research Institute (online)) • Raising awareness campaign for youth on land restoration through nursery development and tree planting; Damian James, MVIWAARUSHA/FFF (online) • Practice alternatives: Combination of sustainably farmer-managed natural regeneration within community landscapes for charcoal production; Mark Kebo Akparibo, GHaFFaP (physical) • Green Fire Belts for firewood and charcoal production, Lucy Amissah (physical), CSIR- Forestry Research Institute of Ghana, Kumasi, Ghana • Transitioning Wood Fuel Energy as Catalyst for Landscape Restoration and Sustainability Daryl Bosu(physical) /A Rocha Ghana, Cisco Aust (physical)/GIZ Ghana <p>Moderator: Sophie Grouwels, FAO/FFF</p>
15:00 - 15:30		Coffee and tea break
SESSION 3 – PARALLEL TRACKS		
15:30 - 17:00	Room 1	<p>TRACK A – ACADEMIC</p> <p>CHARCOAL GOVERNANCE</p> <ul style="list-style-type: none"> • Blaming informality to hide the failure of energy policies: the politics of woodfuel in Cameroon (Herman Wandji (physical)) • Institutional and governance arrangements shaping cross-border charcoal trade flows, a case study of Busia Border Post, Kenya-Uganda Border (Jared Gambo (physical)) • Community-Based Governance Arrangements for Charcoal Production in Ghana (Joseph Asante (physical)) • Effects of transition from open access to community-based management on the social network of charcoal producers (Hanneke van 't Veen (online)) • Towards Formalization of Woodfuel Value Chain in Liberia: Progress and Challenges (Dr. Ibrahim M. Favada (online)) • Preparation and implementation of a fuelwood supply masterplan in Cameroon (PropFE/GIZ) and Madagascar (PAGE/GIZ) (Martial Charpin (online)) <p>Moderator: Kyereh Boateng</p>
15:30 - 17:00	Room 2	<p>TRACK B – ACADEMIC</p> <p>CLIMATE CHANGE AND WOODFUEL</p>

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		<ul style="list-style-type: none"> • Climate change impacts and decarbonization of woodfuel (charcoal and firewood) systems in Kenya (Moses Kirimi (physical)) • Climate Reparations: A new continental policy strategy to reforest the sub-Sahara (Phil Wilmot (physical)) • Mesures d'atténuation de l'abattage du bois dans le Bassin du Congo: l'expérience du projet pilote REDD+ au nord-Cameroun (Mebe Mba'a Cédric Serges Maël (physical)) • REDD+ and the issue of inequalities in the governance of Woodfuel in Central Africa (Sandrine Andong (physical)) • Profile of Improved Cooking Technologies amongst Charcoal Dependent Urban Households in Zambia (Elisha Ncube (online)) <p>Moderator: Joana Beulah Echeruo</p>
15:30 - 17:00	Plenary hall	<p>TRACK C – PRACTICE KILN/STOVES TECHNOLOGIES</p> <ul style="list-style-type: none"> • Video: Prosopis charcoal production using improved earth mound kiln in Baringo County, Kenya. Joseph Kibet • Technical and environmental performance of the Green Mad Retort charcoal-making kiln in Madagascar, Michaël Temmerman, ECO Consult Germany (online) • Sustainable production of charcoal and manufacture of bio fertilizer based on the casamance kiln, Togo (Noumonvi Kodjo, UROPC-M (online)) • Charcoal Production with efficient kilns – work experience Dr. Chris Adam (physical), Kiln producer • Video: Charcoal Production in Zambia Jolien Shure, CIFOR (physical) https://www.youtube.com/watch?v=u9wekg4aiNQ&t=1s <p>Moderator: K.S. Nketiah</p>
17:00 - 17:15		Short break
SESSION 4 – PLENARY		
17:15 - 18.45	Plenary hall	<p>Policy panel: Dialogue on effective woodfuel management in multifunctional landscapes (organized by ICRAF/CIFOR)</p> <p>Presentation: Options for sustainable woodfuel as part of wider forest-agricultural landscapes. Jolien Schure, CIFOR Associate.</p> <p>Panelists:</p> <ol style="list-style-type: none"> 1. Zambia: New charcoal rules and option for integrating Assisted Natural Regeneration in policy. Deuteronomy Kasaro (online), Principal Forestry Officer. 2. Kenya: Charcoal Rules, 10 years on. Clement Ng'oriarengm (physical), Kenya Forest Service.

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		<p>3. Cameroon: Incentive mechanism for charcoal from wood residues. Georges Amougou, MINFOF Littoral.</p> <p>4. Ghana: Bridging the sectoral divide. Kwakye Ameyaw (Physical), Ghana Forestry Commission.</p> <p>Launch of new CIFOR-ICRAF Brief Series on Sustainable Woodfuel.</p> <p>Moderator: Phosiso Sola</p>
18:45 -		<p>Reception with food and drinks</p> <p>Exhibition, posters and documentaries</p>
Day 2: Wednesday 24 November		
SESSION 5 – PLENARY		
09:00 - 09:30	Plenary hall	<p>Reporting and take away messages from Day 1</p> <p>Reports from moderators</p> <p>Moderator: Mercy Owusu Ansah</p>
SESSION 6 – PARALLEL TRACKS		
09:30 - 11:00	Room 1	<p>TRACK A – ACADEMIC</p> <p>CHARCOAL LANDSCAPES</p> <ul style="list-style-type: none"> • The long term role of the charcoal industry in landscape and livelihood change: multidisciplinary evidence from Mozambique (Casey Ryan (online)) • Charcoal production site detection using a combined remote sensing approach with Landsat-8, Sentinel-2 and VHR satellite imagery (Hanneke van 't Veen (online)) • Applying Landscape approach to charcoal value Chains: The GML Project Model in Yangambi Engagement Landscape (YEL), Republic Democratic of Congo (Lwanga Kasereka-Muvatsi (Physical)) • Sustainable charcoal production in community-based forest management areas in Tanzania (Charles Leonard (Physical)) • Wood fuel production systems in the refugee settlement of Garoua boulai council – East Cameroon (Pamela Tabi (Online)) • Fuelwood Rush and the Assemblage of Community Forest Management in Burkina Faso (Mawa Karambiri (Physical)) <p>Moderator: Jolien Schure</p>
09:30 - 11:00	Room 2	<p>TRACK B – ACADEMIC</p> <p>WOODFUELS AND ENVIRONMENTAL FOOTPRINT</p> <ul style="list-style-type: none"> • The prevalence of shea charcoal in markets in northern Ghana: a threat to the shea parklands. (Thomas Addoah (online))

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		<ul style="list-style-type: none"> • Sources of wood for charcoal production in Asantekwa and Nkwanta (Tontie L Kanton (physical)) • The importance of versatility in the selection of priority species by local communities for wood energy plantation (Ifèdé-Olla Aurès Parfait Tchiché (online)) • Sustainable biomass production for enhanced energy and food security – exploring the potential of improved fallows (Natxo García-López (physical)) • How land tenure and labor relations mediate charcoal’s environmental footprint in Zambia: implications for sustainable energy transitions (Johanne Pelletier (online)) <p>Moderator: Christian P Hansen</p>
09:30 - 11:00	Plenary hall	<p>TRACK C – PRACTICE SUSTAINABLE BIO ENERGY ALTERNATIVES</p> <ul style="list-style-type: none"> • Cotton stalks for briquettes in Zambia (John Ngwenya, Cotton Association of Zambia (Online)) • Charcoal production from sawmill residues in the East Cameroon region Félix Kouedji (physical), Eco Consult Germany • Use of Bamboo for Energy Production Michael Kwaku (physical), Ghana and National Coordinator, Inter-Africa Bamboo Smallholder Farmers Livelihood Development Programme (INBAR) Kumasi-Ghana • Biochar to restore cocoa forest in Ghana. Ellen R. Graber (Physical), Volcani Institute • Video on sustainable wood energy and forest landscape restoration Michela Morese (online), Global Bioenergy Partnership (GBEP), FAO <p>Moderator: Enoch Agyepong, Renewable Energy Association of Ghana</p>
11:00 - 11:30		Coffee and tea break
11:30 - 12:30	Plenary hall	<p>KEYNOTE PRESENTATION NO. 2</p> <p>“Charcoal as just another arena of exploitation: Precarity is everywhere” by Prof. Jesse Ribot (online) (American University, Washington DC)</p> <p>Questions and Answers</p> <p>Moderator: Frank Agyei</p>
12:30 - 14:00		Lunch
SESSION 7 – PARALLEL TRACKS		
14:00 - 15:30	Room 1	TRACK A: Policy panel: How conducive are energy and environmental policies in Africa to sustainability interventions in the charcoal sector? Preliminary

Time	Room	Event
		<p>findings from an assessment of 31 AFR100 countries (organized by FAO and AUDA-NEPAD)</p> <ul style="list-style-type: none"> • Overview of main findings by Tuyeni Mwampamba and co- authors • Q & A and feedback on main findings from audience • Presentation and discussion of country-specific findings in breakout groups <p>Moderator: Tuyeni Mwampamba</p>
14:00 - 15:30	Room 2	<p>TRACK B - ACADEMIC</p> <p>VALUE CHAIN ANALYSIS</p> <ul style="list-style-type: none"> • The impacts of Covid-19 on the charcoal value chain and rural livelihoods in Mozambique (Judith Krauss (online)) • Aiding or Ruining? Voluntary Schemes and Women’s Role along Ghana’s Charcoal Commodity Chain (Joseph Asante (physical)) • “Forestry officials don’t have any land or rights here”: Authority of politico-legal institutions along Ghana’s charcoal commodity chain (Frank Agyei (physical)) • The charcoal value chain in Kenya: Actors, practices and trade flows in selected sites (Geoffrey Ndegwa (online)) • Charcoal Value Chain Analysis in Mt. Kulal Biosphere and Mukogodo Landscapes in Northern Kenya (Emily Kitheka (online)) <p>Moderator: Emmanuel Acheampong</p>
14:00 - 15:30	Plenary hall	<p>TRACK C - PRACTICE</p> <p>INSTITUTIONAL MECHANISMS</p> <ul style="list-style-type: none"> • Organization of local charcoal chapters and local governance in Liberia (Richard T.A. Dorbor, National Charcoal Union of Liberia (online)) • The Participatory Guarantee System for sustainable charcoal – Pilot in Choma District, Zambia (Francis Biemba, ZNFCA-Choma (online)) • Firewood producers and marketing association empowers women through branch firewood commercialization, Gambia (Kanimang Camara and Jainaba Badjie, Firewood Producers and Marketing Association (online)) • Video; Charcoal makers turn to sustainability in Yangambi Landscape, DRC CIFOR Jolien Schure https://www.cifor.org/knowledge/video/u3UMxH3XgGg <p>Moderator: Paul Osei Tutu</p>
15:30 - 16:00		Coffee and tea break

Time	Room	Event
SESSION 8 - PLENARY		
16:00 - 17:30	Plenary hall	<p>MULTI-STAKEHOLDER PANEL – WHAT FUTURE FOR WOODFUELS IN AFRICA? REFLECTIONS AND RECOMMENDATIONS TO MOVE FORWARD</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Rashid Ali Abdallah, Executive Director, African Energy Commission • Xia Zuzhang, Forestry officer, FAO Forestry Division • Mamadou Diakhite, AFR100 Coordinator, AUDA-NEPAD • Seth Mahu, Ministry of Energy, Ghana • Anicef Ngomin, Ministry of Forestry, Cameroon • Béatrice Despioch, Co-founder Eco-charcoal Limited, Kenya • Mark K. Akparibo, Ghana Federation of Forest and Farm Producers <p>Questions and answers session</p> <p>Moderator: Nora Berrahmouni</p>
17:30 - 18:00	Plenary hall	<p>WRAP-UP, NEXT STEPS AND CLOSING</p> <p>Closing statements:</p> <ul style="list-style-type: none"> • Robert Nasi, Director General CIFOR and Managing Director CIFOR-ICRAF • Abebe Haile-Gabriel, FAO Assistant Director General and Regional Representative for Africa • Government of Ghana (name to be confirmed) <p>Moderator: Christian P. Hansen</p>
Day 3: Thursday 25 November		
8:00- 19:00		<p>FIELD TRIP</p> <p>Sustainable woodfuel production in Ghana (optional)</p> <p>Moderators: Lawrence Brobbey/Joseph Asante</p>