

# KENYA COMMERCIAL FORESTRY INVESTMENT CONFERENCE AND EXPO





**VENUE: KEFRI HEADQUARTERS, MUGUGA-KENYA** 

**PARTICIPATION: PHYSICAL AND VIRTUAL** 

**DATE: 23RD - 26TH NOVEMBER, 2021** 

## Kenya Commercial Forestry Investment Conference & Expo Organizing Partners















































#### DAY 1

### TUESDAY 23<sup>RD</sup> NOVEMBER, 2021 OPENING SESSION

	OTENTIO SESSION
	Venue: Auditoruim
	Chairperson: Dr. Jane Njuguna; SDD-R&D KEFRI
	Rapporteurs: Dr. Stephen Omondi, Dr. Margret Kaigongi & Sheila Shefo Mbiru
	(Live Streaming on Social Media)
0830-0900	Registration: Joyce Chege, Elizabeth Waiganjo, Viola Naser and Margret Njenga
	Entertainment: KEFRI Choir
0900-0920	Tour of exhibition
	Exhibitors:
	KEFRI, JICA, Plantech, GATSBY SSMT, Build_X CLT, Elifurni- furniture, Build Her, UoE,
	INBAR, WE Effect, KFS, UNDP, KCIC, Base Titanium, KOMAZA, Family Bank, KCB,
	Cooperative Banks, KCFP, UTGA, TGAs, Fruit producer, FSC, Forest Product Producers,
	Woodlife Sweden, Biashara Masters.
0920-1000	Welcome Remarks:
	<u>Director, KEFRI:</u> Dr. Joshua Cheboiwo
	CEOs from Government Institutions and NGOs
	Representative from Development Partners: FAO/ UNDP / Gatsby/ JICA/ KCIC/ Base
	Titanium/ Family Bank
1000-1030	Official Opening:
	Chairman Board of Directors, KEFRI: Dr. Sammy Letema
	Principal Secretary, Ministry of Environment and Forestry: Dr. Chris K. Kiptoo, CBS
	Chief Guest: Cabinet Secretary, Ministry of Environment and Forestry
	Mr. Keriako Tobiko, CBS, SC
	Launch of various technical documents and solar drying facility for tree seeds
1030-1040	Photo Session (ALL)
1040-1100	HEALTH BREAK

### **SESSION I: PLENARY**

	Venue: Auditorium
	Chairperson: Dr. Jane Njuguna; SDD-R&D KEFRI
	Moderator: James Mwai - Gatsby Africa
	Rapporteurs: Angela Muthama, Abdalla Kisiwa & Sylvia Mwalewa
	(Live Streaming on Social Media)
	Keynote Addresses:
1100- 1120	Overview of commercial forestry investment for wealth creation, boosting manufacturing, food security, health and attainment of 10% tree cover in Kenya <i>Dr. Joshua Cheboiwo, Director, KEFRI</i>
1120-1140	Future of public forestry sector to meet the country timber needs and role of PPPs  Mr. Julius Kamau, Chief Conservator of Forests, Kenya Forest Service
1140-1200	The Role of KEFRI App in Commercial Forestry
	Dr. Jane Njuguna; SDD-R&D KEFRI
1200-1300	Plenary Discussants:
	Conservation Sectretary, CEOs/Representaives (KFS, FAO, Gatsby, KCIC, Commercial
	Banks (KCB & Family Bank), Base Titanium, UNDP, KOMAZA ltd, Better Globe)
1300-1400	LUNCH BREAK

### **SESSIONS II & III**

	Session II:	Session III:
	<b>Tree Seed &amp; Forest Plantation</b>	Forest Product Processing Value Addition
	Management	and Technologies
	Venue: Auditorium	Venue: Conference Room
	Chairperson: Dr. Samwel Kareithi	Chairperson: Mrs. Zipporah C. Toroitich
	CEO-Gatsby Africa	Deputy Conservator of Forests,
	Rapporteurs: Eugene Ojuku & Florence	Kenya Forest Service
	Cherono	Rapporteurs: Jonah Kiprop & Emily Njagi
1400-1430	Keynote Paper:	<b>Keynote Paper:</b>
	Tree seed production, distribution and trade	Status of forest products value chains and
	for commercial species	investment opportunities in Kenya
	William Omondi et al.	Joseph Githiomi et al.
1430-1445	Forest plantation management of key	Technology in the wood industry in Kenya;
	commercial forest species in Kenya	drivers and inhibitors
	J.Vandenabeele and J.Kimondo	George Muthike and Joseph Githiomi
1445 1500		
1445-1500	Status and management seed sources and other propagation materials for supply of	Sustainable commercialization of non-timber forest products in Kenya: A situational analysis
	quality germplasm for commercial forestry	Torest products in Kenya. A situational analysis
	investment in Kenya	
	Stephen Omondi et al.	Meshack Muga et al.
1500-1515	Breeding of <i>Melia volkensii</i> and <i>Acacia</i>	Mass timber construction in Kenya:
	tortilis for commercial plantation Forestry	Opportunities for manufacturing and a housing
	in the Dryland of Kenya	innovations to drive demand for sustainable
		forest products at scale
	Jason Kariuki et al.	James Mitchell
1515-1530	Promotion of industrial plantation forestry	Status of wood pole treatment in Kenya
	development: Key considerations	
	Thomas K. Kiptoo and Bekuta K. Balozi	Godfrey Ali
1530-1545	Insect pests and diseases of commercial tree	Bioenergy analysis for 65 factories of the Kenya
	species in Kenya	Tea Development Agency Ltd (KTDA)
	Eston Mutitu et al.	Thomas Buchholz et al.
1545-1600	Significance, threats and management of	Status and commercialization of gums and
	invasive tree species in commercial forest	resins in Kenya
	plantation	
1600 161	Thomas K. Kiptoo and James Ole-Kiyiapi	Abdi A. Somo et al.
1600-1615	Solar drying facility for tree seeds	Opportunity of high value processing linked to farm forestry in Kenya
	Harjt, Sammy Letema and Jane Njuguna	laim loiestry in Kenya
1615-1630	7.7	Edward Onsongo, Charles Kimiti and
1013-1030		Antony Ngugi
1620 1645	Plenary Discussants: Presenters	Plenary Discussants. Presenters
1630-1645	Plenary Discussants: Presenters	
1730-2000	COCKTAIL	
2000	DEPARTURE	
2000		

#### **DAY 2:**

#### **WEDNESDAY 24<sup>TH</sup> NOVEMBER, 2021**

#### **SESSION IV & V:**

#### REGIONAL TRADE FOR KEY PRODUCTS AND BAMBOO VALUE CHAIN AND INVEST-MENT AND FINANCING MODELS FOR FORESTRY SECTOR

0830-0900	Registration: Joyce Chege, Elizabeth Waiganjo, Viola Naser and Margret Njenga		
	Venue: Auditorium		
Chairperson: Dr. Nick Okello-Base Titanium			
Rapporteurs: Anthony Macharia & Emily Njagi			
0900-0920	Keynote Paper:		
	Status of intra Africa forest products trade and the potential for positioning Kenya as a		
	regional hub for forest products manufacturing		
	Joshua K. Cheboiwo, Jonah Kiprop and Anthony Macharia		
0920-0940	Keynote Paper:		
	Mapping of financial sources/ initiatives and action oriented strategies to catalyze investments in scaling up sustainable value chains in Kenya		
	Charles	s Mutua Wambua	
0940-1000	<b>Keynote Paper:</b>		
	Status of bamboo development in Kenya: challenges and opportunities		
	Nelly Oduor , Paul Ongugo and Gordon Sigu		
	Session IV: Regional Trade for Key Products and Bamboo Value Chain	Session V: Investment and Financing Models for Forestry Sector	
	Venue: Auditorium	Venue: Conference Room	
	Chairperson:	Chairperson: Mr. Philip Kisoyan- FAO	
	Dr. Nick Okello-Base Titanium	Rapporteurs: Dr. Magret Kaigongi &	
	Rapporteurs: Anthony Macharia & Priscillah Kimani	Emily Njagi	
1010-1025	Interventions for unlocking the value of bamboo commercialization	Investment and financing models for forestry development in Kenya	
	Caroline Kariuki	Linus Wekesa et al.	
1025-1040	Bamboo as a solution to housing deficit and climate change	Enhancing climate action in the Kenyan forestry sector – overcoming barriers to enhance investment	
	Luis Felipe Lopez Munoz	Emily Le Cornu	
1040-1055	Bamboo in construction	Remote sensing and spatial forest management systems	
	Sylvia Essendi	Michael Breetzke	
1055-1125	HEALTH BREAK		

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1125-1140	Unlocking the green economy by linking sustainable suppliers with responsible buyers	Commercial forestry development in a changing climate: optimizing returns of investment for wood and carbon benefits
	Michal Brink	Vincent O. Oeba and Zipporah Toroitich
1140-1155	Win-Win wood trade linkages between	Harnessing the power of trees in Africa
	Uganda and Kenya.	Vin I
	Mike Howard	Kevin Juma
1155-1210	Use of Bamboo fibre for textiles making for environmental sustainability	Application of public private partnerships for increased forest cover, job creation and sustainable development in Kenya
	Lydia N. Mburia	Daniel M. Giti
1210-1225	Building a Bamboo business - a whole value chain approach-learning from	Production systems for high quality commercial forestry seedling
	success and planning for future India/ Africa collaboration  Krunal Negandhi	Ilad Bouton and John Wambugu
1225-1240	Enhancement of industrial production of Bamboo incense sticks through small, medium enterprises (S.M.E.'s)	Trends and drivers of private financing for sustainable forest management in Sub-Saharan Africa
	George Jenner, Thiru Selvan and Vipan Guleria	Benjamin M. Kinyili and Ezekiel Ndunda
	Opportunities and constraints of wood	Challenges in development of forest value chains
1240-1255	products markets in Western Kenya	in Kenyan and opportunities to enhance their
1240-1233	David Langat and Samson Okoth	contribution to sustainable development goals  Michael Gachanja and Humphrey Ngubuini
1255-1310	David Langat and Samson Okoth  Discussants: Presenters	
	Discussants: Presenters	Michael Gachanja and Humphrey Ngubuini
1255-1310	Discussants: Presenters  LUN  Session  Commercial Forestry In  Venue: Auditorium  Chairperson: Mr. Alfred Gich	Michael Gachanja and Humphrey Ngubuini Discussants: Presenters CH BREAK
1255-1310	Discussants: Presenters  LUN  Sessio  Commercial Forestry In  Venue: Auditorium  Chairperson: Mr. Alfred Gich  Rappoteurs: Anthony Machar  Keynote Address:  Opportunities and challenges in commercial	Michael Gachanja and Humphrey Ngubuini  Discussants: Presenters  CH BREAK   n VI  Evestment Forum Dialogue  u, Conservation Secretary ia, Jonah Kiprop & Abdalla Kisiwa  al forestry in Kenya
1255-1310 1310-1400 1400-1420	Discussants: Presenters  LUN  Sessio  Commercial Forestry In  Venue: Auditorium  Chairperson: Mr. Alfred Gich  Rappoteurs: Anthony Machar  Keynote Address:  Opportunities and challenges in commercial	Michael Gachanja and Humphrey Ngubuini  Discussants: Presenters  CH BREAK  n VI  Evestment Forum Dialogue  u, Conservation Secretary ia, Jonah Kiprop & Abdalla Kisiwa
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1255-1310 1310-1400 1400-1420	Commercial Forestry In  Venue: Auditorium  Chairperson: Mr. Alfred Gich Rappoteurs: Anthony Machar  Keynote Address: Opportunities and challenges in commercial  Talks: Commercial forestry investment opportunities  (Jack Steege, Joram Kagombe, Esther Machar Masters, WE Effect, Local Farm Address:  Address:  Address: A	Michael Gachanja and Humphrey Ngubuini  Discussants: Presenters  CH BREAK  IN VI  Evestment Forum Dialogue  U, Conservation Secretary  ia, Jonah Kiprop & Abdalla Kisiwa  al forestry in Kenya  Eack Steege  ities in Kenya  utuma, Victor Ndiege, Representative UNDP, FAO, mers (Jonathan Kituku, Joseph Kabugi, Abdulkadir den Hassan)  mercial Forestry Innovation and Investment Centre
1255-1310 1310-1400 1400-1420 1420-1600	Session  Commercial Forestry In  Venue: Auditorium  Chairperson: Mr. Alfred Gich  Rappoteurs: Anthony Machar  Keynote Address:  Opportunities and challenges in commercial  Talks:  Commercial forestry investment opportune  (Jack Steege, Joram Kagombe, Esther Machar Biashara Masters, WE Effect, Local Farra Address:  Steps towards establishing the Kenya Commercial	Michael Gachanja and Humphrey Ngubuini  Discussants: Presenters  CH BREAK  IN VI  Evestment Forum Dialogue  U, Conservation Secretary  ia, Jonah Kiprop & Abdalla Kisiwa  al forestry in Kenya  Eack Steege  ities in Kenya  utuma, Victor Ndiege, Representative UNDP, FAO, mers (Jonathan Kituku, Joseph Kabugi, Abdulkadir den Hassan)  mercial Forestry Innovation and Investment Centre

#### DAY 3

# THURSDAY 25<sup>TH</sup> NOVEMBER, 2021 POLICY, LEGISLATIVE FRAMEWORK & SKILLS DEVELOPMENT FOR COMMERCIAL FORESTRY

0830-0900	Registration: Joyce Chege, Elizabeth Waiganjo, Viola Naser and Margret Njenga	
	Session VII:	Session VIII:
	<b>Education and Skills Development</b>	Policy, Legislations and Governance
	Venue: Conference Room Chairperson:	Venue: Auditorium
	Thomas Kiptoo - University of Eldoret	Chairperson: Dr. Harun Warui-UNDP
	Rapporteurs: Anthony Macharia & Florence Cherono	Rapporteurs: Priscilla Kimani & Peter Mwangi
0900-0920	Education and skills development in commercial forestry	Policy and legislative frameworks for commercial forestry Management in Kenya
	Prof: Balozi K. Bekuta	Alfred Githu, Joram Kagombe and Joyce Ojino
0920-0935	Commercial forestry skills for sustainable development: The case of KFS Londiani Forestry College	Role of forest policy and legislation in enhancing commercial forestry in Kenya
	Johnstone Maloba	Benjamin Kinyili
0935-0950	Blending forest education and research: Case of KEFRI Graduate Research School	Potential and challenges of small-holder tree plantations in supplementing the wood market: The case of Kenya's timber moratorium
	Michael Mukolwe et al.	David Langat et al.
		Tanzanian experience with PPP/Concession Models
0950-1005		Busuyi Okeowo
1005-1020	Plenary Discussants: Presenters	Catalysing growth of inclusive, commercial-quality, plantations – Lessons from Uganda
1020-1050	HEALTH	Dennis Kavuma  I BREAK
1020-1050	HEALIH	IDREAN

Session IX			
	International Perspectives on Commercial Forestry		
Venue: Auditorium			
Chairperson: Dr. Jackson Mulatya- KEFRI			
	Rapporteurs: Dr. Margret Kaigongi & Florence Cherono  The experience of Sweden: A nation of forestry		
	The experience of Sweden. A hadon of forestry		
	H.E. Caroline Vicini, Ambassador of Sweden		
	Experiences from Costa Rica on forestry for sustainable development		
1050-1140	H.E. Giovanna Valverde Stark, Ambassador of Costa Rica		
1000 1110	Experiences from Colombia on Foresty		
	Ms. Claudia Milena Vaca, Deputy Embassy of Colombia		
	Plenary Discussions		
	Fieldly Discussions		
	Session X		
	Policy Dialogue		
	Venue: Auditorium		
	Chairperson: Ruth Ndegwa - Director Corporate Service, KCIC		
	Rapporteurs: Abdalla Kisiwa & Syliva Mwalewa		
1140-1300	<u>Talks</u>		
	• Future role of PPPs in forestry sector development and REDD+ Strategy- Alfred Gichu • Concessions, Zinnerah C. Toroitish		
	<ul> <li>Concessions- Zipporah C. Toroitich</li> <li>Certification of forest products- Prof. Harrison Kojwang</li> </ul>		
	<b>Discussants:</b> Dr. Joshua Cheboiwo, Julius Kamau, James Mwai, Philip Kisoyan, Joseph Kabugi,		
	Representative from industry, Representative from financial institutions		
1300-1400	I HAICH DDEAL		
	LUNCH BREAK		
1400-1500	Forest expo and exhibitions continues		
	Note: Exhibitions will run throughout the conference period		
	CLOSING CEREMONY		
1500-1700	Conference key highlights (resolutions and way forward)		
	Closing remarks Director, KEFRI: Dr. Joshua Cheboiwo		
	Principal Secretary, Ministry of Environment and Forestry: Dr. Chris K. Kiptoo, CBS		

# DAY 4 FRIDAY 26<sup>TH</sup> NOVEMBER, 2021 SESSION XI:

#### **Commercial Forestry Tour & Expo**

0700-1700

Commercial Forestry Tour/Excursion to (Kakuzi and Better Globe)

Commercial Forestry Expo

## DAY 5 SATURDAY 27<sup>TH</sup> NOVEMBER, 2021

0830-1700

Commercial Forestry Tour/Excursion to Melia volkensii Site (in Tiva, Kitui) and return to Nairobi

#### **List of Poster Presentations**

- 1. Growth and yield of selected high quality genetic stock of Eucalyptus grandis *Mbinga et al.*
- 2. Casuarina species: Potential alternative source of industrial fuel wood in Kenya *Cherotich et al.*
- 3. A new disease causes dieback of seedlings and saplings of Eucalyptus spp. in Western Kenya.

  Otieno et al.
- 4. Pinus patula seed collection and processing for improved yield *Angaine et al.*
- 5. Enhancing technology transfer through knowledge sharing and networking: Lessons from CADEP-SFM/AI-CD project

Wanjiku J. et al.





