

4th Calestous Juma Executive Dialogue on Innovation and Emerging Technologies (CJED)

PROUDLY AFRICAN: SMART AGRICULTURAL INNOVATIONS TO SAFEGUARD AFRICA'S FOOD SECURITY

28 – 29 April 2021

The 4th Calestous Juma Executive Dialogue (CJED) will focus on strategic innovation and emerging technologies for smart agriculture to strengthen Africa's food security. As such, this executive dialogue will provide capacity strengthening of senior policy and decision-makers through the exchange of knowledge and national experiences, networking, experiencing diversity and building mutually beneficial relationships with a focus on emerging technologies in the 21st century suitable for Africa's sustainable agriculture and food security.

In recognition of their seminar participation, participants will be awarded online certificates of achievement by AUDA-NEPAD, which can be downloaded for their records.



REGISTRATION

<https://bit.ly/3fpKwUI>

10:00-14:30 (Accra) | 11:00 -15:30 (Lagos) | 12:00-16:30 (Pretoria)
13:00-17:30 (Addis-Ababa & Nairobi)



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Programme Structure

The 4th Executive Dialogue delivery schedule is as follows:

DAY 1 Wednesday 28.04.2021		
TIME (GMT)	ACTIVITY	RESPONSIBLE
OPENING SESSION MODERATOR: Dr Dumisani Magadlela		
10:00 – 10:30	Welcome and Opening Remarks <i>(Delegates to introduce themselves in the chatbox)</i>	AUC APET AUDA-NEPAD
10:30 – 10:40	Tribute video : Profs Calestous Juma & Oyewusi Ibidapo-Obe	APET Secretariat
10:40 – 10:55	Setting the context for the executive dialogue: purpose and expected learning outcomes	Dr Justina Dugbazah , Ag Coordinator of APET and CJED, AUDA NEPAD, South Africa
10:55 – 11:10	The Africa Union High Level Panel on Emerging Technologies	Dr Rachel Chikwamba , CSIR Group Executive, South Africa
11:10 – 11:30	General Discussions	All
MODULE 1: FROM FARM TO FORK: INNOVATIONS FOR AFRICAN AGRICULTURE MODERATOR: Prof Leonard Kamwanja		
11:30 – 11:45	Emerging Technology Priorities for African Agriculture Value Chains	Dr Shadrach Moephuli , CEO, Agricultural Research Council, South Africa
11:45 – 12:00	African Agriculture through Innovation from planting to harvesting: A case study of Cassava	Prof. Emmanuel Bobobee , Lecturer, Department of Agricultural & Biosystems Engineering, Kwame Nkrumah University of Science & Technology, Kumasi, Ghana
12:00 – 12:15	Processing and value-addition through innovation	Dr Moses Lubinga , Agricultural Economist, National Agricultural Marketing Council (NAMC); Agriculture Sciences; South Africa
12:15 – 12:35	General Discussions	All
12:35 – 12:40	Break	All
MODULE 2: ACHIEVING AFRICA'S FOOD SECURITY THROUGH INNOVATION AND EMERGING TECHNOLOGIES MODERATOR: Dr Zama Khumalo		
12:40 – 14:00	Panel Discussion: Making Emerging Technologies relevant for Smallholder farmers in Africa	Panel Members:

		<ol style="list-style-type: none"> 1. Dr Denis Kyetere, Executive Director, African Agricultural Technology Foundation (AATF), Kenya 2. Prof Sunita Facknath, Professor in Sustainable Agriculture and the Dean of the Faculty of Agriculture, University of Mauritius, Mauritius 3. Dr Brylyne Chitsunge, Pan-African Parliament's Food Security Ambassador, South Africa 4. Dr Emma Naluyima, CEO, One Acre Limited; Joint Prize Winner – Africa Food Prize 2019 5. Dr Phuti Chelopo-Mgobozi, Innovation Specialist: Biosciences, The Innovation Hub, South Africa
14:00 – 14:20	General Discussions	All
14:20 -14:30	Wrap-up and closing	AUDA-NEPAD
End of Day 1		

DAY 2
Thursday | 29.04.2021

TIME (GMT)	ACTIVITY	RESPONSIBLE
MODULE 3: ADDRESSING EMERGING THREATS TO AFRICA'S FOOD SECURITY MODERATOR: Dr Jeremy Ouedraogo		
10:00 – 10:10	Recap of Day 1	Mr Bhekani Mbuli , Lecturer and Researcher, University of Johannesburg South Africa
10:10 – 10:25	Smart Agricultural Innovations to address emerging threats like Fall Armyworm	Dr. B.M. Prasanna , Director of CIMMYT's Global Maize Program and the CGIAR Research Program on Maize
10:25 – 10:40	Technological Innovations for Addressing Food Security in Africa: Perspectives from AATF	Dr Francis Nang'ayo , Senior Manager, Regulatory Affairs African Agricultural Technology Foundation (AATF), Kenya,
10:40 – 10:55	General Discussions	All
MODULE 4: GENDER CONSIDERATIONS IN THE AGRICULTURAL VALUE CHAIN, FOOD SECURITY AND INNOVATION MODERATOR: Dr Maria Madiope		
10:55 – 11:55	Panel Discussion on Gendered Challenges, Experiences and Best Practices of African Farmers	Panel Members <ol style="list-style-type: none"> 1. Prof Roseanne Diab, Director, GenderInSITE, Durban, South Africa - 2. Dr Litha Musyimi-Ogana, Former Director: Women, Gender and Development Directorate, African Union Commission, Addis Ababa 3. Prof. Juliana M. Mafwil MNI, Professor of Political Economy and Development Studies and Dean, Management and Social Sciences, Pathfinder Christian University, Jos, Nigeria, 4. Mr Gabriel U. Aniabi, Development Consultant, Founder, GoBeyond Enterprises, Nigeria 5. Dr Keabetswe T. Ncube, Founder and CEO, Kea Ncube Agri Services (PTY) LTD, Co-Founder of Feminine Farmers, South Africa
11:55 – 12:10	General Discussions	All
12:10 – 12:20	Break	All
MODULE 5: ETHICS AND SOCIO-CULTURAL CONSIDERATIONS IN HARNESSING INNOVATIONS FOR FOOD SECURITY MODERATOR: Dr Dumisani Magadlela		
12:10 – 12:25	Ethical, Social and Cultural Thinking as an Enabler of Food Security	Dr Filippo Randazzo , CEO and Founder of Leverage Science – USA & Prof Claudia Emerson , McMaster University, Hamilton - Canada
12:25 – 12:40	The role of African Indigenous Knowledge Systems in Appropriate Technology Development for Food Security	Prof. Hassan O. Kaya , Director and Research Leader, DSI-NRF Centre in Indigenous Knowledge Systems
12:40 – 12:55	General Discussions	All

Module 6: INSIGHTS FROM YOUNG AFRICAN INNOVATORS**MODERATOR: Prof Emmanuel Bobobee**

12:55 – 13:10	Smart farming systems for sustainable Saharan agriculture; A case study of Algeria	Dr Samir Boudibi , Scientific and Technical Research Center on Arid Regions (CRSTRA), Algeria
13:10 – 13:25	Empowering African farmers with affordable technologies	Ms Ruramiso Mashumba CEO, Mnandi Farms, Zimbabwe
13:25 – 13:40	GUDRA AI: The use of Artificial Intelligence and Industry 4.0 In Leapfrogging African Agriculture	Mr Darlington Ahiale Akogo , Executive Director, karaAgro AI
13:40 – 13:55	Biofortification and use of fertilizers beneficial for sustainable agriculture in tropical Africa.	Mr Christian Ikwele , CEO, Green Thought Enterprise, DRC Congo
13:55 – 14:10	General Discussions	All
14:10 – 14:20	Mentimeter Survey	Ms Barbara Glover , AUDA-NEPAD
14:20 – 14:30	Wrap up and Closing Remarks	AUC AUDA-NEPAD

End of Day 2