



Draft programme for the FAO Regional Meeting on Agricultural Biotechnologies in Sustainable Food Systems and Nutrition in Sub-Saharan Africa, to be held in the African Union Conference Center in Addis Ababa, Ethiopia, 22-24 November 2017. The latest version of the agenda can be found on the website for the regional meeting (<http://www.fao.org/africa/events/detail-events/en/c/1035227/>)

Session and Time	Room 1	Room 2
<u>22 NOVEMBER</u>		
Plenary Session 1 09.30-10.00	Opening session	
10.00-10.30	<i>Coffee break</i>	
Plenary Session 2 10.30-12.30	High-level segment	
12.30-13.30	<i>Lunch</i>	
Plenary Session 3 13.30-15.30	The state of application, capacities and the enabling environment for agricultural biotechnologies in Sub-Saharan Africa	
15.30-16.00	<i>Coffee break</i>	
Parallel Session 1&2 16.00-18.00	Biotechnologies for the characterisation, conservation and sustainable use of genetic resources for food and agriculture	Capacity, knowledge and reaching farmers regarding agricultural biotechnologies
18.00-20.00	Social mixing event	
<u>23 NOVEMBER</u>		
Plenary Session 4 09.00-10.30	The role of agricultural biotechnologies in addressing the food security and nutrition challenges in the region	
10.30-11.00	<i>Coffee break</i>	
Parallel Session 3&4 11.00-13.00	Improving productivity and resource use efficiency using biotechnologies	Food safety, post-harvest and agro-processing: The role of biotechnologies
13.00-14.00	<i>Lunch</i>	
Parallel Session 5&6 14.00-16.00	Biotechnologies to enable smallholders to adapt to climate change	Resourcing for agriculture and agricultural biotechnologies
16.00-16.30	<i>Coffee break</i>	
Parallel Session 7&8 16.30-18.30	Public-private partnerships and south-south cooperation involving biotechnologies	Governance, policy and regulatory processes regarding agricultural biotechnologies
<u>24 NOVEMBER</u>		
Plenary Session 5 9.30-10.30	Reporting from parallel and plenary sessions	
10.30-11.00	<i>Coffee break</i>	
Plenary Session 6 11.00-12.30	‘The Way Ahead’	
Plenary Session 7 12.30-13.00	Closing Session	

2. Detailed programme for the FAO Regional Meeting on Agricultural Biotechnologies in Sustainable Food Systems and Nutrition in Sub-Saharan Africa (<http://www.fao.org/africa/events/detail-events/en/c/1035227/>)

Time	Sessions
22 NOV	<u>Plenary Session 1: Opening session</u>
9.30-10.00	<p>Welcome addresses:</p> <p>Bukar Tijani, Assistant Director-General and Regional Representative for Africa, FAO Regional Office for Africa, Accra, Ghana (20')</p> <p>H.E. Eyasu Abraha, Minister for Agriculture and Natural Resources Development, Addis Ababa, Ethiopia (5')</p> <p>H.E. Josefa Leonel Correia Sacko, Commissioner for Rural Economy and Agriculture, African Union Commission, Addis Ababa, Ethiopia (5')</p>
10.00-10.30	<i>Coffee break</i>
10.30-12.30	<u>Plenary Session 2: High-level segment</u>
	<p>Chair: Bukar Tijani, FAO Regional Office for Africa, Accra, Ghana</p> <p>H.E. Josefa Leonel Correia Sacko, Commissioner for Rural Economy and Agriculture, African Union Commission, Addis Ababa, Ethiopia <i>Regional priorities and opportunities and the role that agricultural biotechnologies can play for them</i></p> <p>Malu Ndavi, Lead Technical Specialist, Programme Management Department, International Fund for Agricultural Development, Rome, Italy <i>Regional priorities and opportunities and the role that agricultural biotechnologies can play for them</i></p> <p>H.E. Eyasu Abraha, Minister for Agriculture and Natural Resources Development, Addis Ababa, Ethiopia</p> <p>H.E. Mahen Kumar Seeruttun, Minister of Ministry of Agro Industry and Food Security, Port Louis, Mauritius</p> <p>Rabelais Yankam Njonou, Inspecteur Général du Développement de l'Agriculture, Ministère de l'Agriculture et du Développement Rural, Yaoundé, Cameroon <i>Policies and programmes regarding agricultural biotechnologies in Cameroon</i></p> <p>Adama Ngum-Njie, Permanent Secretary, Ministry of Agriculture, Banjul, The Gambia <i>Policies and programmes regarding agricultural biotechnologies in The Gambia</i></p>

13.30-15.30	<p><u>Plenary Session 3: The state of application, capacities and the enabling environment for agricultural biotechnologies in Sub-Saharan Africa</u></p> <p>Chair: Chike Mba, Food and Agriculture Organization of the United Nations (FAO), Rome, Italy</p> <p>Edward Rege, PICO-Eastern Africa, Nairobi, Kenya <i>State of agricultural biotechnology applications, capacities and enabling environment in sub-Saharan Africa (20')</i></p> <p>Four panellists who will present their perspectives on the state of application, capacities and the enabling environment for agricultural biotechnologies in Sub-Saharan Africa (10' each):</p> <p>Cyprian Ebong, Association for Strengthening Agricultural Research in Eastern and Central Africa (ASARECA), Entebbe, Uganda</p> <p>Yebchaye Degefa, Pan African Veterinary Vaccine Center of the African Union (AU-PANVAC), Debre Zeit, Ethiopia <i>The state and application of Biotechnology for the production of veterinary vaccines and diagnostic tools</i></p> <p>Abdourahamane Sangaré, Centre National de Recherche Agronomique (CNRA), Abidjan, Côte d'Ivoire</p> <p>Roger Pelle, Biosciences Eastern and Central Africa (BecA) Hub, International Livestock Research Institute, Nairobi, Kenya</p> <p>Panel/audience discussion facilitated by the Chair</p>
15.30-16.00	<i>Coffee break</i>

16.00-18.00	<p><u>Parallel Session 1: Biotechnologies for the characterisation, conservation and sustainable use of genetic resources for food and agriculture</u></p> <p>Chair: TBC</p> <p>Speakers (10' each):</p> <p>Firew Mekbib, Haramaya University, Dire Dawa, Ethiopia <i>Molecular genetic diversity of African orphan crops: The case of Ethiopia</i></p> <p>Marius Ekué, Bioversity International, Yaoundé, Cameroon <i>DNA timber tracking tools and a conservation strategy for African mahogany (<i>Khaya sp.</i>)</i></p> <p>Emmanuel Kaunda, Lilongwe University of Agriculture and Natural Resources, Lilongwe, Malawi <i>A review of the use of biotechnology in aquaculture and fisheries</i></p> <p>Oyekanmi Nash, National Biotechnology Development Agency, Abuja, Nigeria <i>How genomic characterization of livestock populations can benefit smallholder livestock keepers</i></p> <p>Panel/audience discussion facilitated by the Chair</p> <p>*****</p>
16.00-18.00	<p><u>Parallel Session 2: Capacity, knowledge and reaching farmers regarding agricultural biotechnologies</u></p> <p>Chair: Musa Sowe, National Coordinating Organization for Farmers Associations of The Gambia (NACOFAG), Banjul, The Gambia</p> <p>Speakers (10' each):</p> <p>Kassahun Tesfaye, Ethiopian Biotechnology Institute, Addis Ababa, Ethiopia <i>National capacity building initiatives for biotechnology development: The case of Ethiopia</i></p> <p>Emmanuel Nnadozie, African Capacity Building Foundation (ACBF), Harare, Zimbabwe <i>The ACBF and its role in capacity building in science, technology and innovation</i></p> <p>Agostinho Bento, African Centre for Biodiversity, Maputo, Mozambique</p> <p>Silim M. Nahdy, African Forum for Agricultural Advisory Services, Kampala, Uganda <i>Strengthening rural advisory services in Africa, with perspectives on agricultural biotechnologies</i></p> <p>Djibo Bagna, Réseau des Organisations Paysannes et des Producteurs de l'Afrique de l'Ouest (ROPPA), Ouagadougou, Burkina Faso <i>Perspectives from the farmers</i></p> <p>Panel/audience discussion facilitated by the Chair</p>

<p><u>23 NOV</u> 9.00-10.30</p>	<p><u>Plenary Session 4: The role of agricultural biotechnologies in addressing the food security and nutrition challenges in the region</u></p> <p>Chair: Abebe Haile Gabriel, FAO Regional Office for Africa, Accra, Ghana</p> <p>Keynote talks (20' each):</p> <p>Margaret Gill, CGIAR Independent Science and Partnership Council, Rome, Italy <i>A global perspective on agri-biotechnology research in Africa</i></p> <p>Shadrack Moephuli, Agricultural Research Council, Pretoria, South Africa <i>Perspectives from a research organisation</i></p> <p>Djibo Bagna, Réseau des Organisations Paysannes et des Producteurs de l’Afrique de l’Ouest (ROPPA), Ouagadougou, Burkina Faso <i>Perspectives from a farmer organisation</i></p> <p>Panel/audience discussion facilitated by the Chair</p>
<p>10.30-11.00</p>	<p><i>Coffee break</i></p>

11.00-13.00	<p><u>Parallel Session 3: Improving productivity and resource use efficiency using biotechnologies</u></p> <p>Chair: Emmanuel Okogbenin, African Agricultural Technology Foundation, Nairobi, Kenya</p> <p>Speakers (10' each):</p> <p>Melaku Gedil, International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria <i>Application of biotechnology tools for rapid cultivar development and deployment: The case of cassava and maize</i></p> <p>Denis F.N. Mujibi, Nelson Mandela Africa Institute for Science and Technology (NMAIST), Arusha, Tanzania <i>Using biotechnology to bridge the productivity gap: A case study of application in livestock and fish</i></p> <p>Ofelia G. Omitogun, Obafemi Awolowo University, Ile-Ife, Nigeria <i>Case studies on applications of biotechnology to tilapia and catfish in Nigeria</i></p> <p>Stephen Omondi, Kenya Forestry Research Institute, Nairobi, Kenya <i>Application of biotechnology in forest tree breeding: A case study of breeding Melia volkensii for drought tolerance in Kenya</i></p> <p>Panel/audience discussion facilitated by the Chair</p> <p>*****</p>
11.00-13.00	<p><u>Parallel Session 4: Food safety, post-harvest and agro-processing: The role of biotechnologies</u></p> <p>Chair: Ali Mohammed, Jimma University, Jimma, Ethiopia</p> <p>Speakers (10' each)</p> <p>Alejandro Ortega-Beltran, International Institute of Tropical Agriculture, Ibadan, Nigeria <i>The Aflasafe Initiative, developing biocontrol products to reduce aflatoxin contamination in maize and groundnuts across Sub-Saharan Africa</i></p> <p>Ruby Asmah, Water Research Institute (CSIR-WRI), Accra, Ghana <i>The use of biotechnologies in post-harvest handling and management in the fishery sector</i></p> <p>Silvia Alonso, International Livestock Research Institute, Addis Ababa, Ethiopia <i>Metagenomics in food safety: what's the added value? Case studies from the livestock sector in Tanzania and Uganda</i></p> <p>Panel/audience discussion facilitated by the Chair</p>
13.00-14.00	Lunch

14.00-16.00	<p><u>Parallel Session 5: Biotechnologies to enable smallholders to adapt to climate change</u></p> <p>Chair: Janet Edeme, African Union Commission, Addis Ababa, Ethiopia</p> <p>Speakers (10' each)</p> <p>Stephen Muchiri, Eastern Africa Farmers Federation, Nairobi, Kenya <i>Perspectives from a farmer organization on climate change and the role that biotechnologies can play in enabling smallholders to adapt</i></p> <p>Yoseph Beyene, International Maize and Wheat Improvement Center (CIMMYT), Nairobi, Kenya <i>Development and deployment of climate resilient maize in sub-Saharan Africa through integration of novel tools and technologies</i></p> <p>Maxwell Barson, University of Zimbabwe, Harare, Zimbabwe <i>Africa in a changing global climate: The need for rapid diagnostic tests to deal with emerging fish disease challenges</i></p> <p>Djingdia Lompo, Centre National de Semences Forestières, Ouagadougou, Burkina Faso <i>Analysis of genetic diversity of the African Locust Bean (<i>Parkia biglobosa</i>) to improve its strategy of conservation and breeding in the face of climate change</i></p> <p>Baptiste Dungu, MCI Santé Animale, Mohammedia, Morocco <i>Use of biotechnology tools to combat Rift Valley fever (RVF) in Africa</i></p> <p>Panel/audience discussion facilitated by the Chair</p> <p>*****</p>
14.00-16.00	<p><u>Parallel Session 6: Resourcing for agriculture and agricultural biotechnologies</u></p> <p>Chair: Margaret Gill, CGIAR Independent Science and Partnership Council, Rome, Italy</p> <p>Speakers (10' each):</p> <p>Malu Ndavi, International Fund for Agricultural Development, Rome, Italy</p> <p>Musa Sowe, National Coordinating Organization for Farmers Associations of The Gambia (NACOFAG), Banjul, The Gambia <i>How to ensure the resources allocated to agricultural biotechnologies are used to meet the needs of farmers</i></p> <p>Siyabulela Ntutela, AfricaBio, Pretoria, South Africa <i>The importance of private sector investments in agricultural biotechnologies in Sub-Saharan Africa</i></p> <p>Panel/audience discussion facilitated by the Chair</p>
16.00-16.30	<p><i>Coffee break</i></p>

16.30-18.30	<p><u>Parallel Session 7: Public-private partnerships and south-south cooperation involving biotechnologies</u></p> <p>Chair: Melaku Gedil, International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria</p> <p>Speakers (10' each):</p> <p>Prasad Hendre, World Agroforestry Centre (ICRAF), Nairobi, Kenya <i>African Orphan Crops Consortium (AOCC): A public-private partnership for enablement of African plant scientists through development of open source genomics resources for promoting food and nutritional security in Africa through orphan crops</i></p> <p>Emmanuel Okogbenin, African Agricultural Technology Foundation, Nairobi, Kenya <i>Public-private partnerships for effective and efficient agricultural technology transfer to smallholders in SSA: The AATF experience</i></p> <p>Benjamin D.K. Ahiabor, CSIR-Savanna Agricultural Research Institute, Tamale, Ghana <i>A case study of cooperation between Brazil and Ghana in the development of biofertilisers for grain legumes in northern Ghana</i></p> <p>Ndjido A. Kane, Institut Sénégalais de Recherches Agricoles, Dakar, Senegal <i>A regional research and training platform for innovative plant breeding in West Africa</i></p> <p>Panel/audience discussion facilitated by the Chair</p>
16.30-18.30	<p>*****</p> <p><u>Parallel Session 8: Governance, policy and regulatory processes regarding agricultural biotechnologies</u></p> <p>Chair: Shadrack Moephuli, Agricultural Research Council, Pretoria, South Africa</p> <p>Speakers (10' each):</p> <p>Linda Opati, International Livestock Research Institute (ILRI), Nairobi, Kenya <i>The role of intellectual property rights in enabling or impeding the application of agricultural biotechnologies</i></p> <p>Jeremy Ouedraogo, NEPAD Agency African Biosafety Network of Expertise (ABNE), Dakar, Senegal <i>Overview of the Work and Achievements of the NEPAD-ABNE</i></p> <p>Barbara Ntambirweki, Advocates Coalition for Development and Environment (ACODE), Kampala, Uganda <i>Perspectives on intellectual property rights and regulation of agricultural biotechnologies</i></p> <p>Tahani Elagib, Biotechnology and Biosafety Research Center, Khartoum, Sudan <i>Governance, policy and regulatory processes regarding agricultural biotechnologies: Perspectives from a country</i></p> <p>Panel/audience discussion facilitated by the Chair</p>

<p>24 NOV 9.30-10.30</p>	<p><u>Plenary Session 5: Reporting from parallel and plenary sessions</u></p> <p>Chair: Endale Gebre, Ethiopian Institute of Agricultural Research (EIAR), Addis Ababa, Ethiopia</p> <p>Reporting of outcomes by the chairs of the different sessions (5' each)</p> <ul style="list-style-type: none"> • Plenary session 3: Chike Mba • Plenary session 4: Abebe Haile Gabriel • Parallel session 1: TBC • Parallel session 2: Musa Sowe • Parallel session 3: Emmanuel Okogbenin • Parallel session 4: Ali Mohammed • Parallel session 5: Janet Edeme • Parallel session 6: Margaret Gill • Parallel session 7: Melaku Gedil • Parallel session 8: Shadrack Moephuli
<p>10.30-11.00</p>	<p><i>Coffee break</i></p>
<p>11.00-12.30</p>	<p><u>Plenary Session 6: ‘The way ahead’</u></p> <p>Chair: Bukar Tijani, FAO Regional Office for Africa, Accra, Ghana</p> <p>Discussion with the audience facilitated by the Chair</p>
<p>12.30-13.00</p>	<p><u>Plenary Session 7: Closing session</u></p> <p>Chair: TBC</p> <p>Closing remarks, by a representative of :</p> <p>H.E. Eyasu Abraha, Minister for Agriculture and Natural Resources Development, Addis Ababa, Ethiopia</p> <p>H.E. Josefa Leonel Correia Sacko, Commissioner for Rural Economy and Agriculture, African Union Commission, Addis Ababa, Ethiopia</p> <p>Bukar Tijani, Assistant Director-General and Regional Representative for Africa, FAO Regional Office for Africa, Accra, Ghana</p>