



Food and Agriculture  
Organization of the  
United Nations

## Joint Actions on Operationalization of the Framework for Sustainable Agricultural Mechanization in Africa (F-SAMA)

### WEBINAR No. 10:

*Reflecting on the ongoing efforts to increase availability and access  
of farm power in Africa*

Thursday, 7 July 2022, 09:00 - 11:00 hrs (GMT)

### Moderator



**Mark Kofi Fynn** is an Agro-Food Systems Specialist with FAO's Sub-regional Office for Southern Africa, Harare, Zimbabwe. Before joining FAO, he spent about 5 years as the Agribusiness Advisor at the African Union Commission in Addis Ababa, Ethiopia where he coordinated continental agribusiness-related interventions for the implementation of the 2014 Malabo Declaration on Accelerated Agricultural Growth and Transformation within the CAADP. Mark also worked with the German Agency for International Development in Ghana for 9 years.

### Speakers



**Eng. Bereket Forsido** is the Director of Agricultural Mechanization, Ministry of Agriculture, Ethiopia. He is an expert in Smart Agricultural Engineer having completed his studies in Ethiopia and South Korea. In the past, he worked for the government agricultural enterprises in accelerating growth and transformation of Ethiopia's agriculture sector. He leads the Agricultural Mechanization Directorate at Ministry of Agriculture where he oversees promotion and development of mechanization. Mr Forsido provides leadership and technical guidance to indicate policy directions and suggest possible solutions to address the challenge for the implementation of the national agricultural mechanization strategy in Ethiopia.



**Eng. Edwin Zimunga** is the Chief Director responsible for Agricultural Engineering, Mechanisation and Soil Conservation in the Ministry of Lands, Agriculture, Fisheries, Water and Rural Development (MLAFWRD) in Zimbabwe. He oversees the formulation, implementation and review of technologies, strategies, programmes, policies, guidelines and regulations on agricultural engineering, mechanisation, soil and water conservation in line with national development goals and priorities. Prior to joining government, Edwin worked in various sectors at various management levels in the tobacco industry, sugarcane-bioethanol industry, mineral processing, renewable energy, technology advisory and innovation as well as R&D.



**Eng Daouda Salifou** holds the position of Director of Development, Equipment and Agricultural Mechanization of the Ministry of Agriculture, Livestock and Rural Development in Togo. Previously, he was the Director of Agricultural Statistics, Informatics and Documentation. Mr Salifou has a degree in agro-economist engineering. In his responsibilities, he strives to ensure that Togo develops its National Agricultural Mechanization Strategy (NAMS) that will provide a roadmap towards developing and promoting mechanization in the country, especially by small scale farmers including women and youth.

## Webinar 10 Organizing Committee



**Josef Kienzle** is currently leading the sustainable agricultural mechanization group in the Plant Production and Protection Division of the Food and Agriculture Organization of the United Nations (FAO), based in Rome. Mr Kienzle's work emphasizes the crucial role of farm power, innovative and efficient mechanization solutions and the importance of appropriating them to the context of smallholder farmers in developing countries. His work also highlights the important role that the public and private sectors play in mechanization input supply chains and capacity building for mechanization service providers.



**Joseph Mpagalile** is an Agricultural Engineer and a member of the sustainable agricultural mechanization group in the Plant Production and Protection Division (NSP) of the Food and Agriculture Organization of the United Nations (FAO), based in Rome. He works on mechanization along the value chain (production, post-harvest handling, value addition, agro-processing and logistics). Until recently, he was out-posted at the FAO Regional Office for Africa (RAF) in Accra. In the past, he worked as an Agro-Industry Officer (Value Addition and Logistics) in the then Rural Infrastructure and Agro-Industries Division of FAO.



**Nomathemba Mhlanga-Akubia** has been with FAO since 2008. She was first based in the FAO HQ in Rome, Italy and moved to the sub-regional Office for Eastern Africa (SFE) in 2016. In the sub-region, she leads the organization's normative and field programme on agribusiness/value chain development, that touches on youth in agriculture, post-harvest management, agro-processing and agricultural finance/investment. Before joining FAO, she worked as a Research Officer at ICRISAT's Socio-Economics and Policy Programme. Noma was the FAO lead technical officer for the development of the SAMA Framework.



**Professor Afeikhena Jerome** has over two decades' experience working on policy issues in Africa. He is currently Special Advisor to the Commissioner for Rural Economy and Agriculture, African Union Commission, Addis Ababa, Ethiopia as well as Visiting Professor of Economics at Igbinedion University, Okada, Nigeria. He has held several distinguished positions including Visiting Scholar, International Monetary Fund; Visiting Fellow, the World Bank; and Senior Associate Member, St. Anthony's College, Oxford University. He has consulted extensively for the World Bank, African Development Bank, FAO, UNIDO, Brookings Institute and ACBF.



**Saidi Mkomwa** is the Executive Director of the African Conservation Tillage Network (ACT). As CEO of ACT, Saidi has efficiently managed development projects supporting smallholders in Burkina Faso, Ethiopia, Kenya, Niger, Tanzania, Uganda and Zimbabwe with development partners including AGRA, CFGB, COMESA, European Union, FAO, IFAD and NORAD. Previously, Saidi worked with the Ministry of Agriculture in Tanzania as Senior Agricultural Engineering Researcher. He is the coordinator of the Africa-Mechanize Platform Secretariat supporting knowledge management, capacity building and Networking in operationalization of the Framework for Sustainable Agricultural Mechanization in Africa (F-SAMA).



**Karim Houmy** is an Agricultural Engineer and works as an international consultant. He has worked for more than 30 years as a Professor in the Department of Agricultural Engineering at the Hassan II Institute of Agronomy and Veterinary Medicine, Rabat, Morocco. He has been involved in several FAO projects, particularly in formulating agricultural mechanization strategies for African countries and has participated in events related to the operationalization of the Framework for Sustainable Agricultural Mechanization in Africa (F-SAMA). He has a PhD in Agricultural Engineering, from Gembloux Agro-Bio Tech, Belgium.



**Geoffrey Mrema** is a Professor of Agricultural Engineering at the Sokoine University of Agriculture in Morogoro, Tanzania. He also serves as a technical advisor to the African Conservation Tillage Network under the Africa-Mechanize Platform Secretariat. He retired from the FAO in April 2011 where he had been working as the Director of the Rural Infrastructure and Agro-industries Division at its headquarters in Rome Italy from 2001-2011 with two years [2005-06] serving as the FAO Representative in Eastern and Southern Africa based in Harare, Zimbabwe. Prior to joining FAO in 2001, he had served as the first CEO of ASARECA [1995-2001]. During 2016/18 he served as a senior adviser to FAO and AUC on developing the Framework for Sustainable Agricultural Mechanization in Africa [SAMA].



**ElHassan Bourarach** is a technical advisor of the African Conservation Tillage Network serving in the Africa-Mechanize Platform Secretariat supporting knowledge management, capacity building and networking in operationalization of the Framework for Sustainable Agricultural Mechanization in Africa (F-SAMA). He is a former teacher and researcher at the Agronomic and Veterinary Institute Hassan II (Dr. Ing.) (1980-2019). He is honorary Vice President of the International Commission of Rural Engineering (CIGR), founding member of the Moroccan Association for Conservation Agriculture (AMAC) and the International Academy of Agricultural and Biosystems Engineering (iAABE).