

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

**VIRTUAL WEBINAR No. 6 – Experience from Senegal and South Africa**

Thursday, 05 August 2021, 09:00 - 10:30 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



**Mr. Samba Kanté** is the Director of Modernization of Rural Equipment, within the Senegalese Ministry of Agriculture since 2017. He is responsible for the development and implementation of agricultural mechanization policies in Senegal. Before that, he held several positions including Director General of SAED (from 2013 to 2017), National Director of Agriculture of Senegal (from 2007 to 2009) and Head of the Agricultural Machinery Program and Post-Harvest Technology at the Senegalese Institute for Agricultural Research (ISRA) (from 1990 to 1997). In addition, from 1990 to 2007 he provided the course in Agricultural Machinery, Post-Harvest Technology and Economics of Mechanization at the ENSA of Thiès. He has a wealth of experience in developing and implementing policies and programs for self-sufficiency and food security in general and on rice in particular. He has participated in international events and studies related to agricultural mechanization and rice cultivation. Mr Kanté holds an International MBA from the Universities of Paris 1 Panthéon Sorbonne –IAE - Paris Dauphine (MBAIP) and Diploma of Agricultural Engineer (Rural Engineering option, Specialization in Agricultural Machinery and Post-harvest Technology) from ENSA Thiès.



**Dr. Sipho Sibanda** has 25 years of experience in agricultural mechanisation, agro-processing and renewable energy. His Management experience includes as Chief Engineer: Farm Power & Machinery, Institute for Agricultural Engineering, Ministry of Agriculture, Harare Zimbabwe and then Programme Manager: Agricultural mechanisation, Agro-processing and Renewable Energy at the Institute for Agricultural Engineering, Agricultural Research Council, Pretoria, South Africa. He has been involved in coordinating agricultural mechanisation, conservation agriculture and agro-processing research, and developing and providing technical services in the same fields. Technical experience includes extensive work in testing and evaluating tractors, and other agricultural equipment; research and development of agricultural machinery and development of conservation agriculture technologies, agro-processing and postharvest technologies for value addition and reduction of postharvest losses renewable energy technologies. He has extensive experience in the dissemination of best practice guidelines for agricultural mechanisation systems, from land preparation, crop establishment, crop protection, harvesting and post-harvesting. He is an accomplished trainer and publisher in agricultural mechanisation and agro-processing.



**Ramakgwale Klaas Mampholo** Ramakgwale Klaas Mampholo is a Deputy Director in the Ministry of Agriculture, Land Reform and Rural Development, responsible for Land Use and Soil Management functions in South Africa, a LandCare programme Manager, Focal point for Conservation Agriculture and Focal point for Global Soil Partnership of FAO and Coordinate soil-related matters of the country. He has more than 24 years in the field of agricultural natural resources management specializing in soil survey and analysis, sustainable agronomic systems, conservation agriculture practices, roll out mechanization of no-till planters, veld survey and restorations and land rehabilitation techniques. He coordinates policy, legislative review and specialist functions of sustainable land management, international engagements such as the United Nations Convention to Combat Desertification and other multilateral engagements such as Sustainable development Goals related to sustainable production systems and land degradation neutrality targets etc. He poses a Master's Degree in Sustainable Agriculture and a Masters of Science in Ecological Remediation and Sustainable Use from North-West University and various ISO environmental standard certificates..

## Webinar 6 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 at the FAO Regional Office for Africa (RAF) in Accra. His areas of work include mechanization along the value chain including production, post-harvest handling, value addition, agro-processing and logistics. Before joining RAF, he worked as an Agro-Industry Officer at the FAO headquarters in Rome. Prior to that, he worked as an Associate Professor of Agro-food Processing Engineering and Technology Transfer Coordinator at the Sokoine University of Agriculture and as the Southern Africa Regional Representative of the US-based McKnight Foundation's Collaborative Crop Research Program.



**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.