

International Sustainable Agriculture Production, Biotechnology & Engineering Conference



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PREMIUM
EVENT



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COURSE OVERVIEW

Research at IIED Consulting has shown that agriculture makes up approximately 65% of Africa's labor force and 35% of the continent's GDP. The agriculture sector's capacity to help realize major continental development priorities is beyond doubt. However, the agricultural industry in many African countries and communities has been unable to meet its full productivity potential as an employer, a fair distributor of income and a national revenue earner.

To realize the full potential of agriculture in Africa, there is an urgent need from African government authorities, farmers, agriculture economists, extension officers, commodity traders, banks, asset managers, agriculture engineers and biotechnologists, NGOs, etc. to find common tools, strategies and approaches that can help up the game... prioritizing agriculture is not just the moral thing to do. It's an economic imperative" commended Dr. Agnes Kalibata, President of AGRA and former Rwandan Minister of Agriculture. Establishing a sustainable, well-funded agriculture supply chain system, informed by insights from agriculture economist, engineers, biotechnologists and extension officer and an organized marketplace, where buyers and sellers come together to trade agriculture commodity-related contracts following rules set by the exchange, agricultural commodities exchanges should be seen as the key drivers of agricultural development in Africa. They can make agricultural economies more inclusive and forge stronger links between agriculture and finance – The current missing link in the agriculture industry sector in Africa!

Smallholder farmers, the predominant of the African agriculture industry, generally face the highest transaction costs. These are driven up by factors like poor transportation and a lack of access to information and expertise – the primary reasons why so many struggle to escape from subsistence farming. Agriculture commodities exchanges, even done at micro-levels and integrated with the emerging ICT helps commodity exchanges integrate smallholder farmers into supply chains, reduce transaction costs, as it is easier to find buyers and sellers through a cent aliased marketplace. Consequently, agricultural commodity exchanges have the potential to facilitate trade and stimulate economic growth in Africa, potentially boosting foreign direct investment.

For the first time in Africa, Federated Management Institute will host this 'must attend' agriculture summit intended for Government/ Provincial/ Regional Agriculture Policy Makers / Regulators and Authorities, banks, micro-lenders, commodity traders and brokers, agriculture economists, engineers, biotechnologists, extension officers, investors, donors, farmers, agriculture equipment and machinery companies, seeds, stock, and farm inputs suppliers to have a frank, face-to-face debate on how to transform the agriculture industry sector in Africa.





Among some of the issues that will be discussed are;

- The increasing role of agriculture in fostering economic growth, reducing poverty, and improving food
- Why sustainable agriculture and farming important for the well-being of Africa
- Strategies for increasing crop yields with sustainable farming practices
- The opportunities and challenges of the development and application of modern agricultural biotechnology.
- Biotechnologies and the Legal aspects of their implementation in agriculture
- How technologies can yield new growth in modern agriculture and farming activities
- How to align land reform, farmers, investors, and markets
- How to setup certified warehouses to ensure the security and quality of crops
- How to use warehouse receipts as collateral and facilitating increased bank lending for farmers
- How to use agricultural commodity markets to “hedge” against volatile agriculture prices and “locking” sales prices at the time of planting. You can even sell while you’re planting!
- How to develop efficient and effective agriculture funding policies, models, processes, and outcomes
- How can small-scale farmers in Africa start using the agricultural derivatives market to access markets?
- Understanding the agriculture value chains and how to access international markets for your products
- What types of risks are in the agriculture business, weather index insurance and other types of agriculture-related insurance.

Our speakers and presenters are drawn from the upper echelons of sustainable agriculture engineering, biotechnology, extension, commodities exchange, agriculture economists, banking, finance, commodities brokerage, farming/agriculture, business sectors, and policymaking. They will share insights and experiences as we address the opportunities and challenges in agriculture and farming in Africa; access to funding, how to use new digital technologies, how quality seeds and machinery, etc. can be easily obtained, and how to use tried and tested models to make farming and agriculture a viable business in Africa.

Who should attend?

- Government /Provincial /Regional
- Agriculture Policy Makers
- Regulators and Authorities
- Banks
- Investors
- Agriculture Boards
- Agriculture Associations
- Agriculture Cooperatives
- Engineers
- Biotechnologists
- Extension Officers
- Insurance companies
- Micro-lenders
- Commodity traders
- Commodity broking and clearing members
- Agricultural economists
- Donors
- Farmers,
- Millers and distributors
- Seed and stock-supplying companies



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SUSTAINING AGRICULTURE AND FARMING IN AFRICA

SPEAKER LINE-UP



Christo O. van der Rheeде
EXECUTIVE DIRECTOR
AGRI SA
TBA



Prof Bram Govaerts
DIRECTOR GENERAL
**INTERNATIONAL MAIZE AND WHEAT
IMPROVEMENT CENTER (CIMMYT)**
TBA



Dr. Auges Gatabazi
REGULATORY OFFICER
**DEPARTMENT OF RESEARCH AND
DEVELOPMENT (R&D)**
Fostering Sustainable Agriculture
Practice with the use of
Bio-fertilizers to Improve Crop
Production



Dr. Mireille Asanzi Mvondo-She,
CROP PRODUCTION SPECIALIST
UNIVERSITY OF PRETORIA
Fostering Sustainable Agriculture
Practice with the use of
Bio-fertilizers to Improve Crop
Production



Dr. Phokele Maponya
AGRICULTURE & RURAL DEVELOPMENT
AGRICULTURE RESEARCH COUNCIL (ARC)
Agroforestry Practice: A New
Dawn for Communities' Sustainable
Livelihoods in South Africa



Tarifa A. Alzaabi
DIRECTOR GENERAL
BIOSALINE
TBA



Dr. Hildegard Witbooi-Masayiti
DIRECTOR
EIGHT SEASONS ORGANICS
Pigmented Potatoes: A Potential
Panacea for Food and Nutrition
Security and Health



Jean Claude Niyomugabo
CHIEF EXECUTIVE OFFICER
SPEKE FARMS, RWANDA
How to Align Land Reform, Farmers,
Investors, and Markets.



Shandini Naidoo
DIRECTOR
AVOPORT PTY LTD
TBA



Felix Reinders
CHAIRPERSON
**INTERNATIONAL COMMISSION ON
IRRIGATION AND DRAINAGE**
Sustainable Agricultural Water
Management

BIOTECHNOLOGY

SPEAKER LINE-UP



Prof Nailoke Pauline Kadhila
ASSOCIATE PROFESSOR
UNIVERSITY OF NAMIBIA
Sustainable Agricultural Waste
Management using Biotechnology
to produce food, medicine and
generate income "The case of mushrooms"



Elrie Botha
AGRICULTURAL TECHNOLOGIST
CAVALIER
TBA



Professor Obert Jiri
CHIEF DIRECTOR AGRICULTURAL
AND RURAL DEVELOPMENT
ADVISORY SERVICES
**MINISTRY OF LANDS, AGRICULTURE,
FISHERIES, WATER AND RURAL
DEVELOPMENT, ZIMBABWE**
Fostering Sustainable Agriculture
Practice with the use of
Bio-fertilizers to Improve Crop
Production



Professor Utlwang Batlang
PROFESSOR
**BOTSWANA UNIVERSITY OF
AGRICULTURE AND NATURAL**
Development and Application of Modern
Agricultural Biotechnology: The Potentials,
Opportunities and Challenges: Botswana
Case Study.



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ENGINEERING

SPEAKER LINE-UP



Shivendra Pratap Rathore
ZONAL HEAD OFFICER
JUST AGRICULTURE AND AEEFWS

Artificial Intelligence (AI) in Agriculture and the Future and Scope of Agriculture



Queen Ndlovu
CHIEF EXECUTIVE OFFICER
QP DRONE TECHNOLOGY

Home Grown Drone Technology Solutions for Precision Farming: Our Perspective and Contributions to the Agricultural Sector



Keamogetsoe Ipeleng Maroo-Maseko
AGRICULTURE ENGINEER
MPUMALANGA DEPARTMENT OF AGRICULTURE

Powering Africa Agriculture: Present Status, Future Potential, and Challenges of Renewable Energy Applications



Prof. Tilahun Seyoum Workneh
PROFESSOR OF AGRICULTURAL AND FOOD ENGINEERING
UNIVERSITY OF KWAZULU-NATAL

Agriculture's Connected Future: How Technology will Yield New Growth and Efficiency in Agriculture Inputs



Gugulethu Mahlangu
CHIEF EXECUTIVE OFFICER
HOUSE HARVEST

Aquaponics: A smarter Approach to Modern Farming



Louise Jupp
DRONES FOR SUSTAINABLE AGRICULTURE
WOMEN AND DRONES AFRICA

TBA



Nelly Nkhowani
AGRICULTURAL ENGINEER
KUPES YOUNG WOMEN'S NETWORK MEMBER

Engineering, Agriculture's connected future, How technology can yield new Growth



Dr. Piwai Nigel Chikasha
MANAGING DIRECTOR
ALLEY CAPITAL GROUP

Demystifying drone crop spraying

AGRICULTURAL COMMODITIES TRADING AND EXPORT

SPEAKER LINE-UP



Francois van Jaarsveld
MANAGER AGRICULTURE
NEDBANK LIMITED

How Can Farmers in Africa Start Using the Agricultural Derivatives Market to Access Markets?



Prof Agness Mzyece
ASSISTANT PROFESSOR OF AGRICULTURE ECONOMICS
CALIFORNIA STATE UNIVERSITY

The Enterprise Structure Approach: A New Method of Assessing Crop Diversification Decisions



Phoka Nkhuoa
COMMODITY TRADER
SILOSTRAT

The Enterprise Structure Approach: A New Method of Assessing Crop Diversification Decisions



PLEASE WRITE IN BLOCK LETTERS

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First Name		Surname	
Designation			
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E-mail Address		Purchase Order Number	
Person Dealing with Accounts		Account Contact	

Signature: _____

By completing & signing this form, the authorising signatory accepts the terms and conditions as stated on the registration form

Note: Please provide information as you wish it to appear on the name tag and certificate

DELEGATE ATTENDANCE INFORMATION:

Title	Name	Surname	Designation	ID/Passport	Email	Mobile

CANCELLATION NOTICE

By signing and returning the registration form, the authorized signatory on behalf of the stated company is subject to the following terms and conditions.
 Delegate Cancellations: All cancellations must be received in writing and are subject to the following conditions: A charge of 50% of the registration fee, plus R899 (+ VAT) an administrative charge will be made for cancellations received in writing at least 14 working days prior to the event. For any cancellations received less than 7 working days before the date of the event, the full fee will be payable, and no refunds will be given except credit notes. If a registered delegate does not cancel and fails to attend the Training, it will be treated as a cancellation and no refund or credit note will be issued.

SUBSTITUTIONS:

Delegate Substitutions: Substitutions are welcome at any time with no additional charges. Please notify Federated Management Institute in writing of any such changes at least 4 days before the event. Please note that the speakers and topics are confirmed at the time of publishing. However, circumstances beyond the control of the organizers may necessitate substitutions, alterations, or cancellations of the speakers and/or topics. As such Federated Management Institute reserves the right to alter or modify the advertised speakers and/or topics if necessary. Any substitutions or alterations will be updated and sent to you as soon as possible.

FUNDS TRANSFER

Please state your full name clearly on the money transfer. Please note, bank charges are for your OWN account and this should be stipulated to your bank. Please advise your bank that the charges should be included in your deposit amount. Payments must be made within 5 working days after receipt of the invoice unless agreed upon prior to the confirmation of booking.
 Please be informed that full payments must be received prior to the event. Only fully paid up delegates will attend the event unless agreed otherwise with the Federated Management Institute.

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Account Number:	62734093347
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