

Day 1 - Mar 20th 2014, Thursday

08:00 Morning Registration & Networking Refreshment

09:00 Chairman's Introduction and Welcome
*Prof. Thomson Sinkala, Chairman
Biofuels Association of Zambia*

09:10 **Official Opening Address:**
*Hon. Robert K. K Sichinga, MP
Minister of Agriculture & Livestock, Zambia*

09:30 **CASSAVA REVOLUTION IN NIGERIA**
Speech by *Dr. Akinwumi A. Adesina
Hon. Minister of Agriculture and Rural
Development, Federal Republic of Nigeria*

10:00 **ENHANCING FOOD SECURITY, INCOME
GENERATION, VALUE ADDING AND
ECONOMIC EMPOWERMENT THROUGH
COMMERCIALIZATION OF CASSAVA!**
*Dennis Beunk, Agricultural Development &
Agro-processing Specialist
Brightface Enterprise (Pvt) Ltd*

10:30 Discussion followed by **Morning Networking
Refreshment Hosted by**



11:00 **INVESTMENT UPDATE ON CASSAVA PLANTATION
& VALUE ADDITION PROJECT IN TANZANIA**
*Matthew GW de Klerk, General Manager
Cassava Starch of Tanzania Corporation (CSTC)*

11:30 **CHALLENGES OF OPERATING A CASSAVA
HIGH QUALITY FLOUR PLANT IN AFRICA**

- Monetizing cassava value chain & its by-products
- Consistent cassava supply & quality issues
- Transportation & logistics challenges
- Expansion plans

*Louw Burger, MD/CEO
Thai Farm International*

12:00 **COMMERCIALIZING CASSAVA :
NEW OPPORTUNITIES FOR UNIVERSAL
INDUSTRIES AND MALAWIAN SMALLHOLDERS**

- Creation of SME's/Co-Operatives and value addition in the Cassava Vale chain
- * An opportunity for small holder farmers to add value during the first stage of the process and supply Universal Industries a value added product
- * Promoting commercial growing of Cassava, which is drought tolerant and which does not require intensive cultivation, as an additional source of income for rural communities
- * Creating wealth in rural communities

- The need to encourage commercial farmers to grow Cassava to secure the supply chain and the active participation of Government to allot land that can be irrigated under the Green Belt Initiative, in parallel to the Development Program with small holder farmers
- Generating Foreign Exchange and opening up opportunities to export into the regional market
- Further opportunities in moving towards Starch and Liquid Glucose, after securing the supply chain

*Kaushik Pillalamarri, CEO
Universal Industries Ltd.*

12:30 Discussion followed by Networking Lunch

13:45 Afternoon Chairman's Introduction
*Louw Burger, MD/CEO
Thai Farm International*

13:50 **MECHANIZATION OF FIELD OPERATIONS OF
CASSAVA PRODUCTION**

- Update on cassava production machinery for planting and harvesting
- Mechanized harvest of foliage for animal feeding
- Case study of cassava mechanization projects

*Dr. Hernan Ceballos, Cassava Leader
CIAT (International Center for Tropical Agriculture)*

14:20 **BREEDING OPPORTUNITIES AND CHALLENGES
FOR CASSAVA COMMERCIALIZATION IN THE
SOUTHERN AFRICA REGION**

- IITA achievements/experiences
- Challenges/opportunities in breeding varieties that meet the emerging market demands
- Managing cassava brown streak disease, mosaic disease & whiteflies

*Dr. Ntawuruhunga Pheneas, SARRNET Coordinator,
Breeder, Cassava Program Unit
International Institute of Tropical Agriculture (IITA)*

15:00 **BREEDING APPROACHES TO TURN CASSAVA
INTO A CASH CROP FOR POVERTY ALLEVIATION
AND RURAL DEVELOPMENT**

- Introduction: history of the crop in Africa. Different uses of cassava root and foliage. The contrasts between Asia, Africa and Latin America
- Breeding for high productivity. Benefits and problems from climate change. High and stable starch content in the roots
- Breeding for high-value traits: starch and nutritional quality traits
- New traits: "Indian tree cassava" and herbicide tolerance
- The transition from on-farm utilization to artisanal processing to industrial scale processing
- Exploiting the foliage for animal feeding and mechanization of operations

- Perspectives
*Dr. Hernan Ceballos, Cassava Leader
CIAT (International Center for Tropical Agriculture)*

15:30 Discussion followed by **Afternoon Networking
Refreshment Hosted by**



16:00 **APPLICATION OF ENZYME TECHNOLOGY IN
CASSAVA PROCESSING**

- Main issues in the production of ethanol from cassava and solutions with the application of enzyme technology
- Common processes currently used and their advantages & drawbacks
- Importance of feedstock selection, setting up process conditions and controlling suitable parameters that determines productivity and profitability as practiced in cassava processing plants

*Elango Govindarajoo, Industry Technology Specialist
Novozymes Malaysia Sdn Bhd*

16:30 **GLOBAL STARCH MARKET OUTLOOK &
FEEDSTOCK ECONOMICS**
*Ross Norton, Associate
LMC International Ltd*

17:00 **IMPROVING THE POTENTIAL OF CASSAVA AS A
FEED INGREDIENTS**
*Dr. Martin Chiona
National Team Leader of the root crops
Zambia Agriculture Research Institute (ZARI)*

17:30 Discussion followed by End of Day One

17:40 - 18:40
Networking Reception for All Speakers & Delegates

Day 2 - Mar 21st 2014, Friday

09:00 Chairman's Introduction
*Dennis Beunk
Agricultural Development & Agro-processing Specialist
Brightface Enterprise (Pvt) Ltd*

09:05 **STATUS OF BIOENERGY INDUSTRY
DEVELOPMENT IN ZAMBIA**

- Energy status
- Bioenergy policy and regulatory framework
- Agro-climatic conditions
- Geographic potential of feedstocks
- Target refineries

- Blending arrangement
- Important co-products
- Investment potential
- Land availability
- Infrastructure

*Prof. Thomson Sinkala, Chairman
Biofuels Association of Zambia*

09:40 **PROJECT STATUS AND CHALLENGES IN
DEVELOPING A CASSAVA BIOREFINERY
IN NIGERIA**

- Opportunity for value-added agricultural projects in Sub-Saharan Africa
- Sustainability of cassava feedstock supply
- Technology considerations
- Supply chain logistics and transportation challenges
- Update on project status

*Richard Bennett, CEO
Sunbird Bioenergy*

10:10 **CASSAVA, AFRICA'S BEST KEPT SECRET :
CONNECTING SMALLHOLDER FARMERS TO
AGRICULTURAL VALUE CHAINS**

- Working with smallholder farms and managing the supply chain
- Project implementation and challenges faced
- Potential and opportunities in the region

*Gery van den Houten, Senior advisor to management
and Director (strategy) of the Board
Dutch Agricultural Development & Trading
Company (DADTICO)*

10:40 Discussion followed by Networking Refreshment

11:10 **CHALLENGES OF IMPLEMENTING INDUSTRIAL
CASSAVA PROJECTS IN AFRICA**

- Production of starch and glucose from cassava

*Dr. Jens Thomsen, Managing Director
International Starch Institute A/S*

11:40 **FINANCING CASSAVA PLANTATION AND
DOWNSTREAM PROJECTS**

- How can investors access funding?

*Richard Fusi, Senior Investment Officer -
Industries & Services Division
African Development Bank*

12:10 Final Discussion followed by Closing Lunch

13:30 End of Conference