

## 2<sup>nd</sup> Economic Mission Africa – India

*Hyderabad, from Sunday 11<sup>th</sup> December to Friday 16<sup>th</sup> December 2011*

The programme aims to foster partnerships between Africa and India in the sectors of Agricultural Research, Soil and Water Conservation and Management, Biofuels, Fresh Produce Management, Knowledge Parks, Seed Value Chain and Agri Equipment and Machinery.

With the objective of learning from the rich experience of India, the programme includes field visits to various sites and discussions with the heads of companies and key decision makers.

### Programme Overview

<b>Sunday 11<sup>th</sup> December 2011</b> Registration & Presentation of Delegates	
<b>Monday 12<sup>th</sup> December 2011</b> Research Centres and Partnerships	
<b>Morning:</b>  <b>Session:</b> ICRISAT and Agribusiness Innovation Platform	<b>Afternoon:</b>  <b>Field Visit:</b> Kothapally Watershed Project
<b>Tuesday 13<sup>th</sup> December 2011</b> Biofuels and Fresh Produce Management	
<b>Morning:</b>  <b>Field Visit:</b> Nandan Biomatrix	<b>Afternoon:</b>  <b>Field Visit:</b> Sam Agritech Limited
<b>Wednesday 14<sup>th</sup> December 2011</b> Knowledge Parks and Seed Value Chain (part I)	
<b>Morning:</b>  <b>Field Visit:</b> ICICI Knowledge Park and Alexandria	<b>Afternoon:</b>  <b>Field Visit:</b> JK Agrigenetics Seed Unit.
<b>Thursday 15<sup>th</sup> December 2011</b> B2B Meetings and Heritage Tour	
<b>Morning:</b>  Business Meetings and Presentation of Agricultural Equipment	<b>Afternoon:</b>  <b>Tour:</b> Heritage of Hyderabad
<b>Friday 16<sup>th</sup> December 2011</b> Seed Value Chain (part II) & Water Management	
<b>Morning:</b>  <b>Field Visit:</b> Vibha Multicrop Processing Centre	<b>Afternoon:</b>  <b>Field Visit:</b> Finolex Plasson

## Day 1 – Monday 12<sup>th</sup> December 2011 – Research Centres and Partnerships

### Morning:

Presentation of EMRC and ICRISAT



**ICRISAT:** The International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) is a non-profit, non-political, international organization for science-based agricultural development. ICRISAT conducts research on sorghum, pearl millet, chickpea, pigeon pea and groundnut – crops that support the livelihoods of the poor in the semi-arid tropics encompassing 48 countries with its headquarters in Patancheru, India and two regional centres for Eastern and Southern Africa in Nairobi for West and Central Africa in Niamey



**Field Visit:** AgriBusiness Innovation Platform

Agri-Business and Innovation Platform (AIP) is an initiative of ICRISAT to enhance its public-private partnerships as a model for fostering agro-business to bring R4D innovations of ICRISAT and its partners to the market for faster, wider-scale impact. AIP provides prototype innovations, knowledge and expertise, training, and co-location with researchers for close interaction; while the entrepreneurs fine-tune the prototypes and take them to market, including bearing the risks and reaping the rewards involved.

### Afternoon:

**Field Visit:** Community Watershed Development

The semi-arid tropics (SAT) have highly variable and low rainfalls, low productivity soils and poorly developed infrastructures. These factors are largely responsible for poverty in these rain-fed areas, which in return make these areas challenging for researchers and development professionals. Watershed management is ideal for integrated natural resources management in rain-fed areas. The ICRISAT-developed Adarsha watershed management project near Kothapally has yielded dramatic results. Groundwater levels have risen, green cover increased, and productivity and incomes radically improved

## Day 2– Tuesday 13<sup>th</sup> December 2011– Biofuels and Fresh Produce Management

### Morning:

**Field Visit:** Nandan Biomatrix - Biofuels

In 2008, biofuels provided 1.8% of the world's transport fuel. Investment into biofuels production capacity exceeded \$4 billion worldwide in 2007 and is growing. Feeds Stocks for biodiesel include jatropha, pongamia and sweet Sorghum. To harness the true and full potential of these plants - Nandan Biomatrix has been doing pioneering and extensive field work on various aspects of Bio-mass and Biodiesel plantations. Developing the agro-industrial sector in India, but plans to expand to sub-Saharan Africa.





**Afternoon:**

**Field Visit: Sam Agritech Ltd. – Fresh Produce Management**

Sam Agritech produces and exports Fresh Grapes, Mangoes and Pomegranates to leading Supermarket chains in the EU and USA, following strict food safety and hygiene protocols to ensure that the products are safe to eat. Their ultimate target is to ensure production of zero pesticide residue food from the farms and to ensure the safety and wellbeing of the consumer; this responsibility guides them in every decision.

**Field Visit: Tree Oils India – Biofuels and Soil and Water Conservation**

Tree Oils India Ltd. (TOIL) is established to build up environment friendly and sustainable energy system based on plant sources, contribute to waste lands utilisation and rural women employment and promote ethics and self reliance. TOIL is primarily engaged in manufacture of Biodiesel from Non-Edible Tree Oils such as Jatropha and Pongamia etc., The Company expects that its' pioneering efforts would contribute to proliferation of Non-edible oil tree plantations and Biodiesel plants, resulting in reduction of import bill on account of fossil fuels and the consequent pollution.

**Day 3 – Wednesday 14<sup>th</sup> December 2011 – Knowledge and Research Centres**

**Morning:**

**Field Visit: ICICI Knowledge Park – Knowledge and Biotech Parks**

Located in a 200-acre pollution free zone in Genome Valley, Hyderabad, the master plan of the Park mirrors its objective of nurturing an environment for innovation and the expected growth in life sciences and related fields. It has a mix of ready-to-use multi-tenanted modular wet laboratory blocks (Innovation Corridors) with built-in flexibility around some common, shared facilities and support services, as well as developed land for customized R&D facilities

**Field Visit: Alexandria**

Alexandria formerly known as Shapoorji Pallonji Biotech Park (SPBP) is spread over 300 acres near Hyderabad and is the first of its kind in the country. It is the hub of Genome Valley, India's first state-of-the-art biotech cluster for life science research, training and manufacturing activities.

**Afternoon:**

**Field Visit: JK Agri R&D Centre**

JK Agri Genetics driven by continuous innovation in every field of activity like Management, Research, Production, Processing, Quality and Marketing focus on research and development, production, processing and marketing of hybrid seeds of Sorghum, Pearl Millet, Maize, Cotton, Rice, Sunflower, Tomato, Okra and Hot Pepper.

## Day 4 – Thursday 15<sup>th</sup> December 2011 B2B Meetings and Heritage Tour

### Morning:

**One-on-One Business Meetings and Presentation of Agricultural Equipment organised in collaboration with the Confederation of Indian Industry – CII –**

### Afternoon:

**Tour Visit:** Heritage of Hyderabad

Hyderabad, the Capital city of Andhra Pradesh, offers unrivalled excitement and excellent entertainment that includes Heritage, Nature, Wildlife, Cultural and Shopping sites.

More than 400 years of history is preserved and exists along with the ultra-modern infrastructure. Known as the City of Pearls, it is now globally famous as a hub for IT, Pharma, Biotech and Scientific Establishments.

Founded in 1591, the history of Hyderabad is rooted in romance. Enigmatic, vibrant and alluring, Hyderabad has a mystic charm attached to the various historic monuments, mosques, minarets and museums, which abound.

## Day 5 - Friday 16<sup>th</sup> December 2011 Seed Value Chain and Water Management

**Field Visit:** Vibha Agrotech Ltd. – Seed Value Chain

The Vibha Seeds Group is a private crop genetics and plant breeding research organization established in 1995 at Hyderabad with a vision of empowering farmers by providing superior quality seeds. The Group is engaged in crop-improvement research, seed production and marketing of over 190 products in 12 field and 18 vegetable crops and reaches out to more than 20 million farmers across 19 Indian states. The Group has become a trendsetter in the Indian seed industry for its R&D, unique and wide product range, and excellent infrastructure.

### Afternoon:

**Field Visit:** Finolex Plasson – Water Management

Finolex Plasson offers a wide range of products and solutions in the field of precise Irrigation and Intensive agriculture cultivation which include complete tailored Drip and Micro irrigation systems and Turn-Key projects for all Agriculture sectors such as Row Crops, Horticulture, Green Houses, Plantations, Orchards, Nurseries and more. Finolex services includes Survey, Planning and Design facilities for Drip, Mini & Micro Sprinklers, Foggers, Misters, Fertigation equipments, etc. for various field crops, horticulture crops, plantations, landscape, Greenhouse and Poly-house Irrigation systems.



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