

# **IASP Africa 2013** 8-10 April 2013

**KEY ISSUES THAT EMERGED FROM THE IASP AFRICAN DIVISION  
WORKSHOP: 2013 HELD IN PORT ELIZABETH, SOUTH AFRICA HOSTED BY  
THE NELSON MANDELA METROPOLITAN UNIVERSITY**

**1. MR LUIS SANZ**

Theme: Science and Technology Parks: A Global Perspective  
Director General, IASP, Spain

WHAT:

- 70 Countries, 388 members, 128 000 companies, 6 regional divisions
- STP in the creation of new cities
- Parks = Economic growth / development, start-ups → Science and Technology = supply of knowledge and know how
  - = Networks = multiplier of resources
  - = Bridge between 2 worlds
  - = Consequence of the shift to the knowledge economy

PERFORMANCE ISSUES:

- Management intensive activity
- Know your own network
- Set goals for networking activities

## MISTAKES:

- Wrong model
- Wrong governance
- Wrong location
- Wrong marketing

## 5 CRUCIAL CHOICES:

- What are focal points?
- Main target?
- Generalist / Specialist?
- Global / Local?
- Ownership / Governance?

## 2. **MR MCLEAN SIBANDA**

Theme: Science and Technology Parks: An African Perspective  
CEO, The Innovation Hub, Pretoria, South Africa

- Growth potential of Africa is high
- Urban growth high
- Economic active population growth is high → meaning for future?
- However, low innovation base

## 3. **MR JUHA MIETTINEN**

Theme: Science and Technology Parks: African Experiences  
Chief Technical Advisor, Team Leader, Southern Africa Innovation Support  
Programme, (SAIS)  
Windhoek, Namibia

- What is the correct size and shape of STPs for Africa
- STPs link between Business, Governance and Universities
- Need to include civil to society – city – communities
- Practice – based approach

- Location is important – near to people / smaller hubs

#### 4. **PROFESSOR DEON DE BEER**

Theme: Critical Issues for new generation Universities

Executive Director, Vaal University of Technology, Technology Transfer and Innovation, South Africa

- Cluster issues important and must be linked to focus areas
- Unique location: Geographically
- 3<sup>rd</sup> Generation Science Parks – less emphasis on building – more emphasis on sharing ideas

#### 5. **PROFESSOR FERNANDO ALBERICIO**

Theme: Barcelona Model University Science Parks

Professor, University of KwaZulu-Natal, University of Barcelona, Spain

- Stage 2 part of innovation driver important (stage 2)
- Location close to university
- Science Parks with strong specialisation

#### 6. **MR AKKARAWIT KANJANA-OPAS**

Theme: Science Parks: A perspective from Thailand

Director & Assistant Professor

Prince of Songkla University Science Park (PSUSP), Department of Industrial Biotechnology

- Regional Science Park – association between various universities
- Need to find “niche” to fit the Science Park into the university environment
- Increase the efficiencies of SME → help develop the economy

## **7. DR JOANNE VAN HARMELEN**

Theme: Strategic IP Management

Senior Associate, ENS, Cape Town, South Africa

- Leveraging IP what is at the crux of your business
- IP should be central at your thinking
- Should be specific with regards to the IP process

## **8. MR OLUTOYE AYODEJI**

Theme: Venture Capital in emerging economies

Vaal University, Vanderbijlpark, South Africa

- Venture capital market → complex and dynamic
- Venture capitalist = very selective in financing ventures
- Assist in creation of new economic value in the long term
- Venture capital backed firms usually have greater success than loan (debt) financed companies

## **9. MRS PATRICIA DLAMINI**

Theme: Incubation: Ecosystem Methodology

Executive Manager, Eastern Cape Information Technology Initiative (ECITI), East London, South Africa

- Model and methods of ECITI incubation
- Network interactions are vital in breeding success
- Components of ecosystems:
  - 1.) Stakeholders
  - 2.) Location
  - 3.) Interdependency

Markets and public leaderships via policy, play an important role in the success of an ecosystem.

## **10. MR EPHRAIM BALOYI**

Theme: Incubation: DTI SA perspective

The DTI, Pretoria, South Africa

- Incubation funding via DTI

- 50% of funding from Private Sector and R10m per year for 3 years available from DTI

## **11. DR GEOFFREY SELEKA**

Theme: Botswana Science Park – An African Perspective

Director Marketing, Registration & ICT, Botswana Innovation Hub

- Park development in stages
- Mix mode in the park, with active incubator
- Indigenous knowledge generation

## **WAY FORWARD**

- Connector → Science Parks → Linkages → Must decide how?
- Asia – Pacific Division + Africa Division → Presidents collaborate
- Priority engagement with Government