AFRICAN SPACE POLICY

AMCOMET: 2nd Task Force Meeting
26 May 2014

Structure of the Policy

- **Introduction**

- **Policy Goals**

- **Policy Objectives**

- **Policy Principles**

- **Proposed next steps**

- **Towards an African Space Strategy**

Introduction

- **AMCOST IV, March 2010, recommended the establishment of a Space Working Group (SWG)**

- **AMCOST V, March 2012, further recommended the establishment of the SWG**

- **Work of the SWG to be presented to AMCOST VI**

Introduction

- **Regional representation**
    - **North Africa** — **Algeria and Egypt**
    - **East Africa** — **Kenya and Tanzania**
    - **West Africa** — **Ghana and Nigeria**
    - **Central Africa** — **Cameroon and Congo, Brazzaville**
    - **Southern Africa** — **Namibia and South Africa**

Introduction

- **Terms of Reference**
  - **Articulation of a shared space vision**
  - **Determination of future global trends and niche areas that Africa should focus on**
  - **Articulation of an African Space Policy and a Strategy, programmes and governance**
  - **Identification of existing space related infrastructure/institutions**
  - **Identification of human resources needs**

Introduction

- Significant growth potential

- Benefits of space science and technology

- High capital cost of space activities

- Space derived services

- Need for indigenous critical mass

- Fragmented space activities and need for coordination

Policy Goals

1. To use space science and technology to derive optimal socio-economic benefits that improves the quality of lives and creates wealth

2. To develop and maintain indigenous infrastructure and capabilities that services an African market

Policy Objectives

1. Addressing user needs

2. Accessing space services

3. Developing the regional market/industry

4. Adopting good governance and management

5. Coordinating the African space arena

6. Promoting international cooperation

Policy principles

Addressing user needs

- Improve the economy and quality of life

- Address the essential needs of the African market

- Development of services and products using African capacities

- Develop requisite human resources to address user needs

- Maintain efficiency and sustainability

Policy principles
Accessing space services

- Use existing space infrastructure

- Promote capacity building for accessing space services

- Adopt a data sharing framework

- Develop and increase our asset base

- Establishment of regional and sub-regional centers of excellence

Policy principles
Developing the regional market

- A people centered, market based industrial capability

- Globally competitive African space programme

- Promote public private partnerships

- Coherent development, upgrade and operation of African space infrastructure

- R&D led industrial development

- Use indigenous space technologies, products and services

Policy principles

Adopting good governance and management

- Establish an organisational framework

- African financial support as the main funding source

- Promote knowledge sharing

- Monitor and evaluate space activities

- Regulate space activities

- Maintain an awareness campaign

Policy principles
Coordinating the African space arena

- Promote partnerships across all sectors

- Commit funds to optimise and improve effectiveness

- Harmonise and standardise all infrastructure

- Establish communities of practice

- Preserve the long-term sustainability of outer space

- Secure the space environment for Africa's use

Policy principles
Promoting international cooperation

- Space in Africa, for Africa and by Africans

- Ensuring a reasonable and significant financial and/or social return

- Respect international agreements

- Intra-continental partnerships must be promoted

Proposed Next Steps

- Consultation with policy organs of the AU

- Consultation with all AU Member States

- Presentation at the AMCOST Bureau meeting in Sudan in September

- Formal approval from the AU Summit in January 2015

Towards an African Space Strategy

- Workshop with African experts in December 2013 on
  - Earth Observation
  - Satellite Communications
  - Navigation and Positioning
  - Space Science

- Drafting of a Strategy document

- Same approval process as the Space Policy

THANK YOU

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