

7th Space Working Group Meeting

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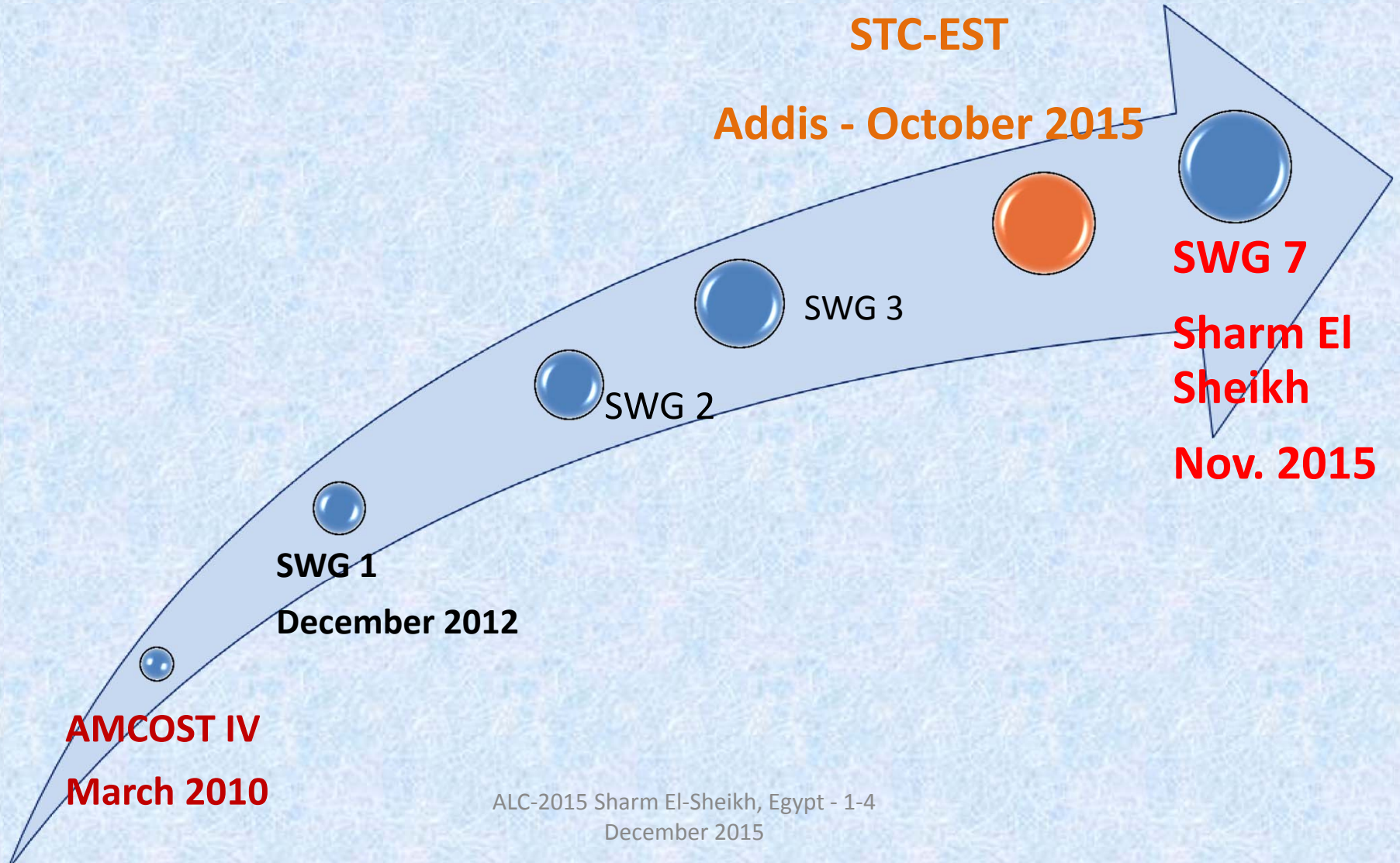
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Outcomes of the 7th SWG meeting

- 1. Discussion on Governance**
- 2. Discussion on the framework of the implementation plan**

Status Co



Decision of the STC-EST

- STC-EST Requests the AU Space Working Group **to:**
 - **Adopt the African Space Policy and Strategy**
 - **Ask the Space Working Group to develop a framework for the implementation of the African Space policy and strategy**

Governance

- **Three Options**
 - 1. African Space Agency**
 - 2. Space Treaty Organization**
 - 3. Space Office / Secretariat - AU**

Governance

- **Three Options**

- 1. African Space Agency**

- ~~2. Space Treaty Organization~~

- ~~3. Space Office / Secretariat - AU~~

Key Issues

- **Purpose**
- **Challenges**
- **Fund**
- **Governance**
- **Management**
- **Implementation framework**

Purpose of the ASA

- **Implementation**
- **Coordination**
- **Promotion**

Challenges

- Lack of political support
- Dependency on external support
- Insufficient coordination
- Awareness and talents capacity
- Regulatory restrictions

Sourcing of Fund

- ❖ **Member states**
- ❖ **ADB**
- ❖ **African private sector**
- ❖ **Philanthropist**

Governance and Management

- **Structure of the organization.**
- **Relation ship between entities inside the organizations.**
- **Resources allocation**

Governance

- **Timely the discussion is about High Level Governance Structure**

Governance includes

- ❖ Strategic directions (e.g. policy for establishing vision and mission, resource allocation)
- ❖ Management performance monitoring (endorsement of management plans, budget, laws and regulations)
- ❖ Stakeholder participation policies(policy for stakeholder inclusion in programmatic activities, consultation, communication, transparency policy, disclosure policy for stakeholder not represented in specific programs)
- ❖ Risk management (policy of risk management and mitigation, financial risk)
- ❖ Assessment (auditing activities, evaluation policy, follow up implementation of recommendations)

Management includes

- ❑ Implementation of activities(financial, human resources, resources management, activity follow-up policy ,contracting and outsourcing)
- ❑ Compliance of activities(laws and regulation- locally, continentally, and internationally-)
- ❑ Review & reporting (reports of current for performance evaluation, ensuring meeting stakeholder and strategic objectives)

Access to Space Services

- **Applications and data services**
- **Satellite development services**
- **Technology transfer services**
- **Operation services**
- **Infrastructure capacity building services**

Programs

- 1. Earth Observation**
- 2. Satellite Telecommunication**
- 3. Satellite Navigation**
- 4. Space Science & Technology**
- 5. Space Physics and Astronomy**

Implementation Framework

INTRODUCTION

2 STRATEGIC CONTEXT

2.1 Goals

2.2 Objectives

2.3 Outcomes

3 USER REQUIREMENTS

3.1 Societal Benefit Areas

3.2 Contributing to Continental Policies and Strategies

3.2 Unpacking the User Requirements

3.3 Developing the Thematic Focus Areas

3.3.1 Earth Observation

3.3.2 Navigation and Positioning

3.3.3 Satellite Communications

3.3.4 Space Science and Astronomy

4* Scoping Study / GAP Analysis

4 ACCESS TO SPACE

4.0 Space Infrastructure integration and development

4.1 Space Mission Programmes

4.2 Technology Development

4.3 Space Mission Operations

4.4 Space Applications Distribution Chain

4.5 core functions

5 INNOVATION VALUE CHAIN

5.1 Research and Development

5.2 Development of Services and Products

5.3 Industrial Development

5.3.1 Spin-Offs

5.3.2 Spin-Ins

6 CAPACITY DEVELOPMENT

6.1 Infrastructure Development, Integration and Coordination

6.2 Human Capacity Development

6.3 Space Awareness

7 STRATEGIC PARTNERSHIPS

7.1 Intra-African Partnerships

7.2 International Partnerships

7.3 Multilateral Engagements

7.4 Public Private Partnerships

8.1 International Treaties and Conventions

8.2 ITU Spectrum Requirements

8.3 ITU Orbital Slots

9 GOVERNANCE AND MANAGEMENT

9.1 Establishing Program boards

9.2 Institutional Form

9.2 Governance Model

9.3 Management Model

9.4 Role of National Space Agencies

9.5 Monitoring and Evaluation

9.6 Management of Intellectual Property

9.7 Risk Management

10 FINANCIAL AND SUPPLY CHAIN REQUIREMENTS

10.1 Financial Model

10.2 Procurement Model

11 Key Milestones

I think here we will reference to the strategic policy and strategy been developed.

This needs to be more detailed on all areas, I mean EO applications, Information technology, Communication, navigation, etc. (all space user requirements)

I think this to early at to develop the thematic focus areas.

We need to conduct here the scoping study to indentify the African resources related to space technology. This should be prior to 3.3 of developing thematic focus areas

once African space resources well determined, we will be able to see the integration mechanisms, the upgrades and development we need to identify the core functions that will implement the access to space. needs to be linked with the education, engineering , scientists for EO applications, Law, regulations, and policies

I believe this section will be fully covered in separate Governance report, unless we merge both in one.

The implementation is fully rely on the Governance and I think if we embed the Governance in the implementation we have to move as early as user needs.

I think we need to get into actions via key milestones

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Thank You

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