



Union

the European Union





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#### The African development challenges





Africa **Economic Pillars** 

Rapid

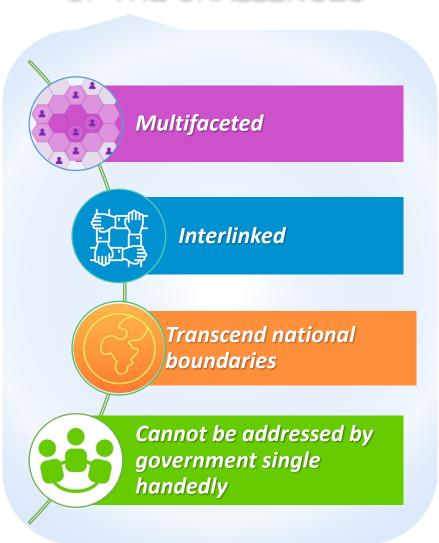
Global

- ► Agriculture, Natural **Resources and Water**
- ▶ Energy
- ▶ Blue Economy
- ► Digital Infrastructure

Global challenges

- ► Climate change and variability
- **▶** Disaster Risk Reduction
- ▶ Post-2015 on Sustainable **Development**
- ► Impressive **Economic** growth over the last two decades but ... decreasing
- ► Increase of democracy **level** (number of countries and quality)
- ► **Societal**: Mass movements (migration), Population growth, and growing youth population (60% under 30 year-age)

#### CHARACTERISTICS OF THE CHALLENGES



Change of the African Landscape

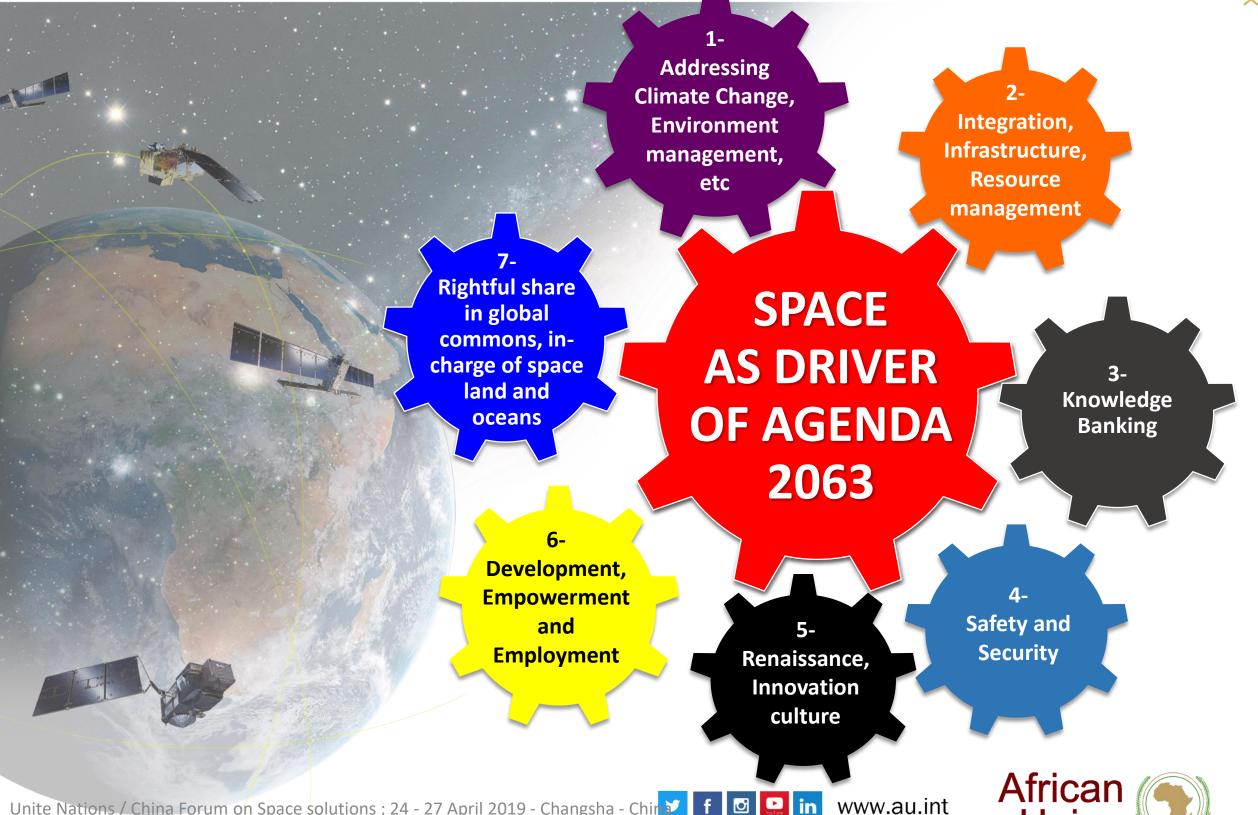






# 4 Space and AU Agenda 2063







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# 5 Strategic Thematic Focus







SATELLITE **COMMUNICATION** 

**ASTRONOMY AND SPACE SCIENCE** 

**NAVIGATION AND POSITIONING** 

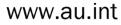












## **African Space Policy and Strategic Goals**





- Well-coordinated and integrated African space Programme that is responsive to the social, economic, political and environmental needs of the continent, as well as being globally competitive.
- Regulatory framework that supports an African space Programme and ensures that Africa is a responsible and peaceful user of outer space.
- Space-derived products and services used for decision-making and addressing the economic, political, social and environmental challenges.
- An indigenous space capability, both in the private and public sectors, that defines a coordinated, effective and innovative African-led space Programme









# Policy objectives and principles





**Addressing USERS NEEDS** (to improve Africa's economy)

**Developing the REGIONAL MARKET (a)** competitive African **Space Programme)** 

Coordinating the **AFRICAN' SPACE ARENA** (To harmonize and standardize)

**Accessing SPACE SERVICES** (to use existing space infrastructure)

**Adopting GOOD GOVERNANCE AND MANAGEMENT** (to support the African **Space Programme)** 

**Promoting Intra Africa** and Other INTERNATIONAL **COOPERATION** 













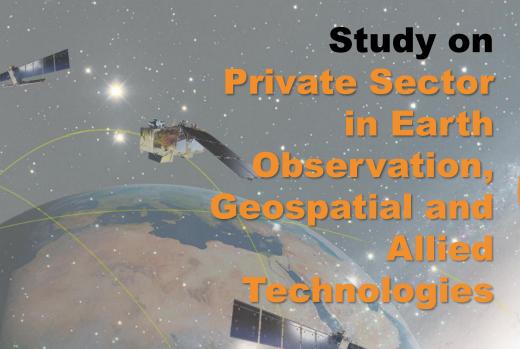


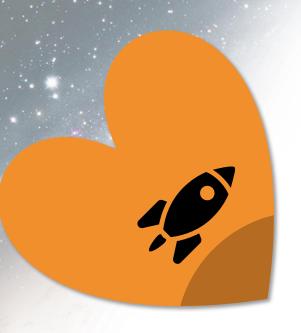


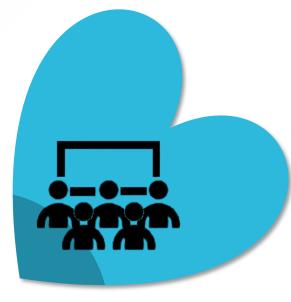


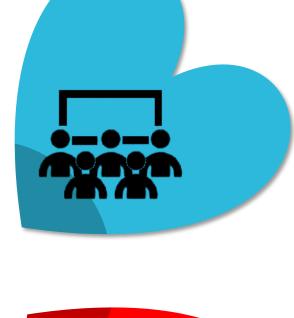


## post-adoption process











Study on Academia in **Earth** Observation, **Geospatial and Allied Technologies** 

Mapping of EO **Satellite** Receiving **Stations** on the continenthrough GMES & **Africa** 





Study on **Navigation, Positioning and Timing** activities in the continent (human, institutions and infrastructure)







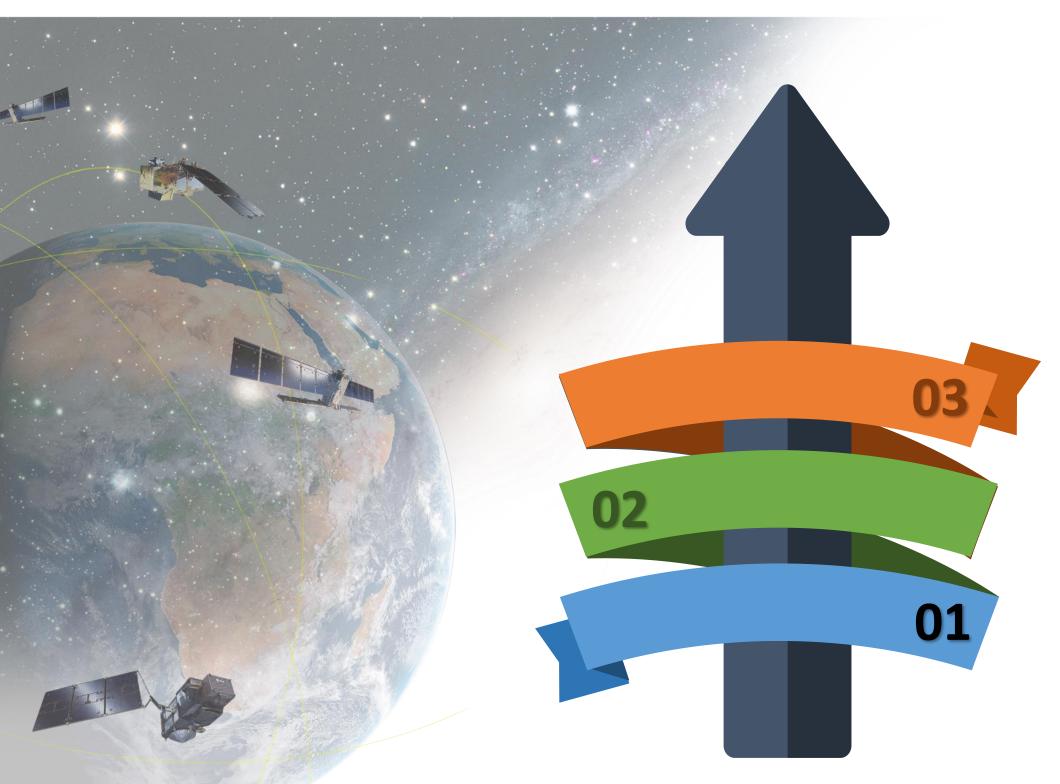






#### 10 Institutional processes - the African space agency





**STUDY ON FINANCIAL IMPLICATIONS OF THE AFRICAN SPACE AGENCY** 

**STUDY ON STRUCTURAL IMPLICATIONS OF THE AFRICAN SPACE AGENCY-3 STEPPED MODULAR APPROACH FOR A LEAN STRUCTURE** 

**ADOPTION OF THE** STATUTE OF THE AFRICAN **SPACE AGENCY-2018** 

10





#### 11 hosting the African space agency (AfSA)



01

Member **States** invited to express their intentions of hosting AfSA-Sept. 2017

A High Level Panel is constituted to assess candidate countries-2018

03

Thorough report of the HLP considered

Republic of **Egypt is** selected to host the







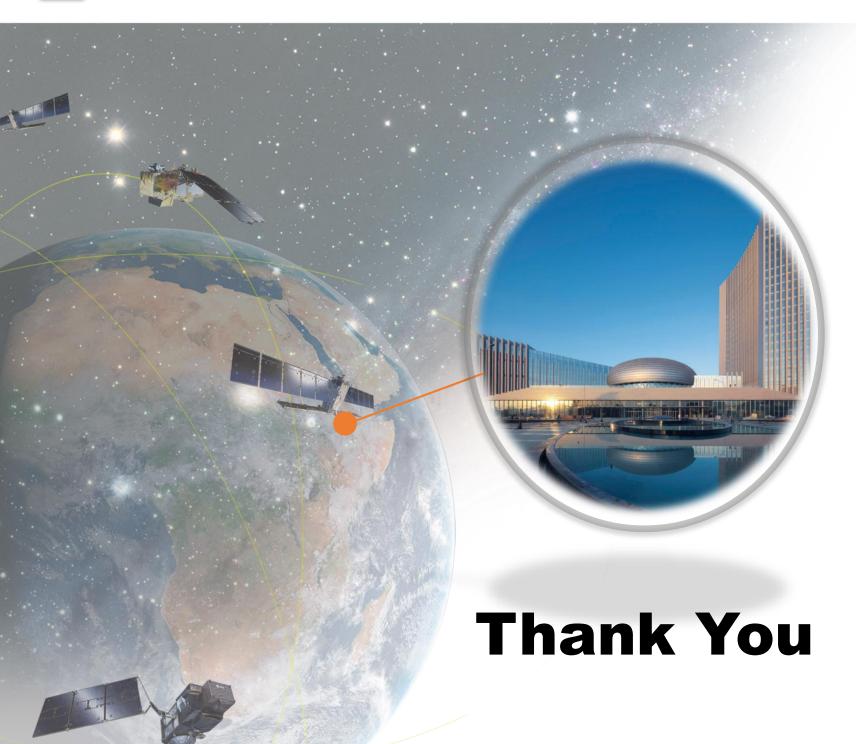












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