

Made in Africa by African for the world

AFRICA DEVELOPMENT SATELLITE INITIATIVE

Dr. M. Elkoosy
CEO
Egyptian Space Agency

SPACE ACTIVITIES IN EGYPT DURING YEAR 2019

- 1- **Launching** EgyptSat-2A (Feb. 2019) From Baikonur base
EO Satellite -1m resolution- Joint Project with Energia
- 2- **Launching** Satellite Tiba-1 (Nov.2019) From Guiana base
Communication Sat. – Joint Project with Airbus, Thales Alenia
- 3 - **Launching** of two cube satellites from ISS
EO – Developed by the Eng. In the EG. Space Agency
- 4- The African Union (AU) approved Cairo to host the HQ of the
African Space Agency

ASSEMBLY, INTEGRATION, AND TEST CENTER (AITC)

- 5000 m²
- Environmental and functional test up to 1 ton
 - By support from PRC
- Will start at Mar. 2021.



AFRICA DEVELOPMENT SATELLITE INITIATIVE

- Initiative announced by the **H.E Egyptian Minister of High Education and Scientific Research** at TICAD-7. August 2019

“African development satellite” initiative aims at gathering African nations to develop space system for climate change monitoring and capacity building.

- Announced at “The **United Nations Commission on Science and Technology for Development (CSTD)** November 2019”
- 8th African Leadership congress 2019



KICKOFF MEETING FOR THE FIRST SATELLITE PROJECT



African Development Satellite Initiative

Statement Declaration

Cairo, 28 November 2019

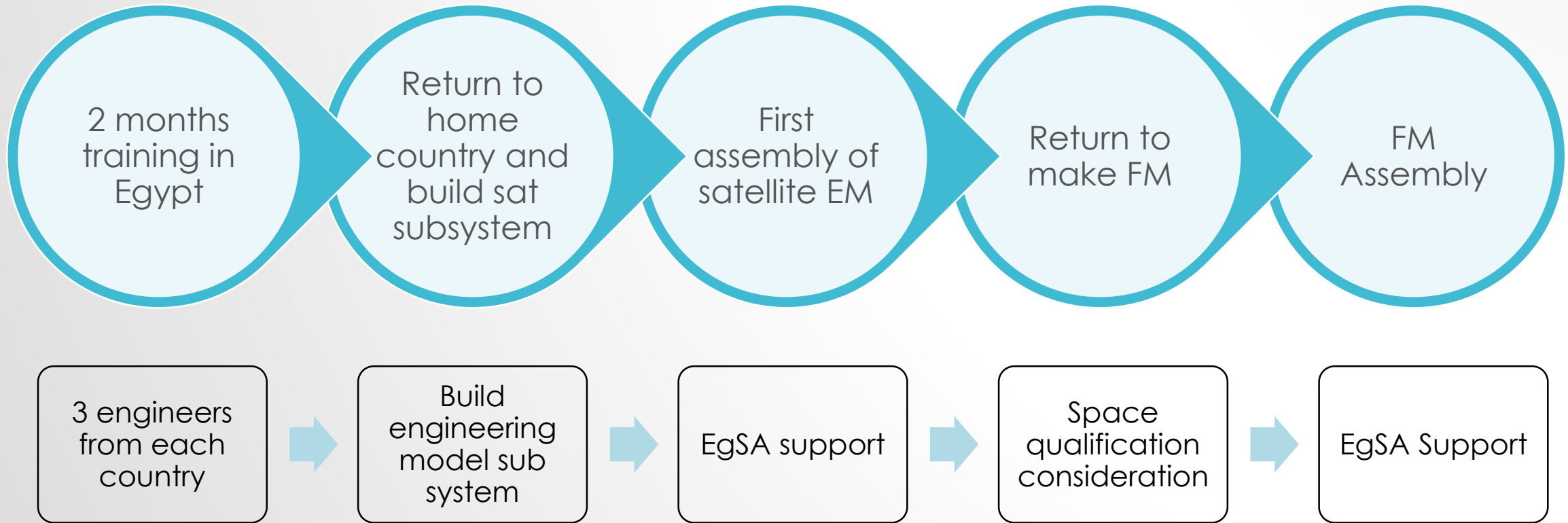
- Egypt, Sudan, Kenya, Nigeria, Ghana and Uganda met at EgSA (27-28 Nov. 2019), Cairo.
- Cairo Declaration of the project was signed

INITIATIVE OBJECTIVE

- **To build a small satellite**
- Each satellite subsystem will be built in one of participating countries.
- The missions targets
 - climate change detection
 - Disaster monitoring
 - Agriculture and water resources monitoring and management
- Integration will be carried out in the ALT in Egypt for the Engineering model and the Flight Model.



METHODOLOGY



THANK YOU