

Training Course for the African Countries at the Broglio Space Center in Malindi



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The Training Course for the African Countries at the BSC

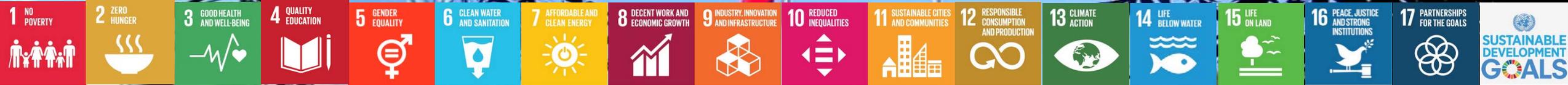


9 -13 December 2019

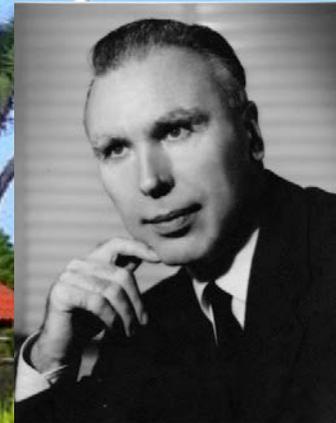


The first **Training Course on Earth Observation and Remote Sensing, Space Science, Law and Policy** was organized by the Italian Space Agency (ASI), in collaboration with the Kenya Space Agency, and supported by the Office for Outer Space Affairs of the United Nations (UNOOSA)

The Broglio Space Centre (BSC)



The Broglio Space Center (BSC) is a space infrastructure in Malindi, Kenya, dedicated to its Italian founder, the Prof. Luigi Broglio



The *Broglio Space Center* (BSC) is **one of the few consolidated space facilities in Africa** in an **equatorial position** and with high-level technological capabilities and highly qualified personnel

The Broglio Space Centre (BSC)



The Broglio Space Center in Malindi responds to the objectives set by the **Agenda 2030 of the United Nations** and the objectives of the **Agenda 2063 of the African Union**



The BSC is based on the long-standing **cooperation between Italy and Kenya** in more than **50 years**



The Training Course on Earth Observation and Remote Sensing, Space Science, Law and Policy



An International Space Training

The main purpose of the Course was the realisation of a special training devoted to African youth, future space leaders in Space, able to operate with awareness for a sustainable and peaceful development of the African continent



- educate to the space knowledge without limits
- strengthen national identity and improve African quality of life.
- develop the awareness to preserve the long term sustainability of outer space activities



ADMISSION REQUIREMENTS

- Maximum age: 30 years
- Be a citizen and resident of an African Country
- Have a good command of the English language
- Have at least a Bachelor's degree
- Be able to use the experience gained in the study of physics, mathematics, engineering and aerospace disciplines

The Training Course for the African Countries at the BSC



Learning hours: **30**

Number of Participants: **15**

Participants' average age: **27**

African Countries:

Ivory Coast, Egypt, Ghana,
Nigeria, Senegal, Seychelles,
South Africa, Tunisia, Zambia,
Kenya



SUSTAINABLE DEVELOPMENT GOALS

4 QUALITY EDUCATION



10 REDUCED INEQUALITIES



17 PARTNERSHIPS FOR THE GOALS



The Training Course for the African Countries at the BSC



Kenya Space Agency



UNOOSA

The Training Course was aimed at uncovering the potential of **Earth observation, Remote sensing, Space Sciences and Space Policy** as tools for providing fundamental applications and services for sustainable development



4
QUALITY
EDUCATION



SUSTAINABLE
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GOALS



10
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INEQUALITIES

The Training Course for the African Countries at the BSC - 6

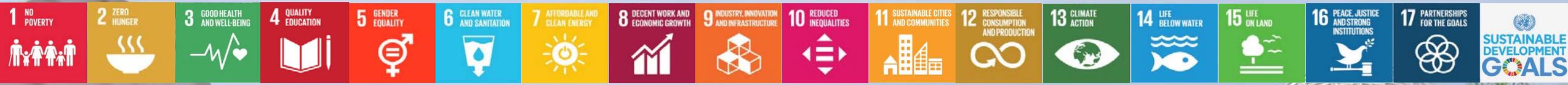


5 MODULES

- Space Science
- Space Systems
- Earth Observation and Remote Sensing
- Navigation
- Space Policy and Law

30 EDUCATION HOURS

The Training Course for the African Countries at the BSC



- knowledge and training on Remote Sensing
- radar technology and data as COSMO-SkyMed satellite constellation
- Space Sciences
- contemporary issues in the international space environment with the main space programs





Agencia Spaziale Italiana



Kenya Space Agency



UNOOSA

- unique opportunity for all participants
- introduction to the global perspective of Space
- cutting-edge technology, multi-disciplinarity, innovation, economics, diplomacy, security, sustainability



The Training Course for the African Countries at the BSC



- ❑ Space can provide Africa with tools that can improve policymaking
- ❑ Space can accelerate sustainable development all over the continent
- ❑ Students became part of this change bringing the skills they acquired back to their countries and organizations





The Training Course was the first step toward a permanent **International Space Educational Center** in Africa for Africa

Welcome to **cooperation** and all international support to offer the best space knowledge and technology models!



Thank you!

