



TICAD Tokyo International Conference
on African Development
 **Tunisia**
2022

*Side event on the sidelines of the Tokyo International
Conference for Development in Africa*

«Space Activities in Africa: Opportunities & Challenges – Case of TUNISIA »

25 Août 2022, from 08 :30 to 12 :30
Cité des Sciences - Tunis

Introduction

As part of the national digital strategy set up by the Ministry of Communication Technologies with the aim of developing the ICT sector and improving the country's ranking in terms of digitalization in order to make Tunisia an attractive destination for innovation, entrepreneurship and investment in digital as a lever for economic and social development, The Ministry of Communication Technologies plans to launch innovation and technology monitoring projects through the exploitation of space technologies in the development of different sectors.

The development of an IoT satellite in Tunisia is now possible to exploit it in the collection and analysis of data in a number of sectors:

- Agriculture: regionalization of the use of water resources through automatic watering control, soil control, crop control, livestock monitoring,...
- Environment: environmental monitoring and monitoring of climate change, control of desertification,
- Scientific research: exploitation of data as sources of research,



- Telecommunications and Artificial Intelligence through the exploitation of data analysis solutions and decision support systems

Objectives of the workshop

- Evaluation of Tunisia's experience in space activities,
- Exchange of experiences in this field (whether private in Tunisia, for example Telnet, or even in other countries),
- Define Tunisia's strategic vision in the field of space activities.
- Establishment of a governance mode for space activities
- The Tunisian Space Agency Project
- Revision of the legal and regulatory framework
- Develop an action plan for the launch of this project

Organizers

- **Ministry of Communication Technologies - Tunisia**
- **Ministry of Higher Education and Scientific Research - Tunisia**

Program :

08 :30 – 09 :00	Welcoming of participants
09 :00 – 09 :20	Opening remarks <ul style="list-style-type: none">● Mr Nizar Ben Neji, Minister of Communication Technologies● Mr Moncef Boukthir Minister of Higher Education and Scientific Research and President of National Commission Nationale of Outer Space
09 :20 – 09 :35	Opportunities for Cooperation between Japan and Africa in the field of space activities Mr ISHII YASUO Vice President of the Japan Space Exploration Agency (JAXA) – Japan
09 :35 – 09 :50	Space activities in the fight against climate change in Africa



- Dr. Amel MAKHLOUF Senior International Expert in Aerospace and Climate - Italy
- 09 :50 – 10 :05 Telnet Tunisia's experience in space activities
Mr Mohamed FRIKHA, CEO Telnet Tunisie
- 10 :05 – 10 :20 Opportunities for space activities in Africa
PhD. Mohamed YAHIA – National Authority for Remote Sensing and Space Sciences - Egypt
- 10 :20 – 10 :35 **Expert TBC**
- 10 :35 – 10 :50 Governance of space activities in Tunisia
PhD. Kamel BESBES, Member of the National Commission for Extra-atmospheric Space
- 10 :50 – 11 :10 Break
- 10 :10 – 11 :30 Space for youth and women's empowerment in Africa
Mr Ahmed EL FADHEL President of the Tunisian Space Association
- 10 :30 – 11 :40 IoT Satellite Project "IFRIQYA 1"
Mr Chaouki CHIHI Director General of Communication Technologies, Ministry of Communication Technologies - Tunisia
- 10 :40 – 11 :50 Space activities: Introduction & Benchmarking
Mr Naoufel BEN SAID Director General of the Centre for Studies and Research in Telecommunications - Tunisia
- 11 :50 – 12 :00 Used Frequency Bands
Ms Olfa JAMMELI Director General of the National Frequency Agency - Tunisia
- 12 :00 – 12 :15 Opportunities & Challenges
Mr Mohamed ABID Vice Head of NASA Mechanical Engineering
- 12 :15 – 12 :30 Open debate and wrap-up
Moderator : Mr Kamel SAADAoui Chef Cabinet of Ministry of Communication Technologies