

**INTERSESSIONAL PANEL OF THE UNITED NATIONS COMMISSION
ON SCIENCE AND TECHNOLOGY FOR DEVELOPMENT (CSTD)**

**Geneva, Switzerland
7-8 November 2019**

Contribution by Madagascar

to the CSTD 2019-2020 priority theme on “Harnessing rapid technological change
for inclusive and sustainable development”

DISCLAIMER: The views presented here are the contributors’ and do not necessarily reflect the views and position of the United Nations or the United Nations Conference on Trade and Development

**United Nations Commission on Science and Technology for Development
Inter-sessional Panel 7-8 November 2019^[SEP]- Geneva, Switzerland-
Madagascar contribution**

The Commission addressed two priority themes :

Theme 1 : Harnessing rapid technological change for inclusive and sustainable development

Expected outputs :

To valorise natural resources for the development of renewable energies " « fatanols » certified to master the ethanol stoves (fatanol) and the fabrication of bioethanol from the maize bagasse

Green energy for development

25 years of digital patriotism in Madagascar to master the Production of biofuels from sugar cane and microalgae

The Government of Madagascar was invited to participate in this meeting as a member of the Commission on Science and Technology for Development. All expenses related to this trip has been borne by UNCTAD.

Through National Centers and Research Institutions, in particular, the Research and Innovation Directorate, the National Center for Industrial and Technological Research and the National Institute of Nuclear Science and Technology, DGRS is interested in take part in this meeting allowing him to share the experiences of Madagascar with those of other countries to better exploit rapid technological change such as the recovery of plastic waste which needs startup financial support and explore space technologies for risk and disaster prevention. These services include data on reported fires, drought, floods and agricultural conditions. Technology can thus be used for development with impacts. I want to be able to mark this passage to establish a cooperation between our two Ministerial Institutions to develop resilience to global changes especially in urban areas without forgetting the enhancement of our achievements in rural areas that represent more than 80% of the population still very poor in Madagascar. How to strengthen the roles of women and youth in achieving good governance and the impacts of research results already achieved

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Theme 2: Exploring space technologies for sustainable development and the benefits of international research collaboration in this context.

Madagascar will cover the following key aspects:

- (a) SKA/ANV Related Activities:
 - Institutional arrangements and other preparations are at an advanced stage in view of preparations for the dish conversion.
- (b) Human Capital Development:
 - 11 students studying in South Africa.
 - Masters' degree in Astrophysics and Astronomy courses are being offered in some institutions in Madagascar.
- (c) Outreach and Awareness Activities:
 - Outreach activities have been going on in Madagascar since the mid 90's, targeted groups include students, high school learners and Government officials.
- (d) Institutional and Policy Planning:
 - A National Observatory of Radio astronomy has been established in Arivonimamo.
- (e) Opportunities and Challenges:
 - There are huge opportunities for public awareness and Human Capital Development
 - Infrastructure for data transport and power stability are major challenges.