

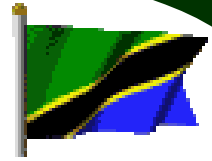
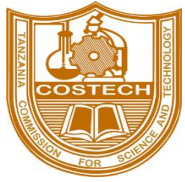
Investment, Enterprise and Development Commission
5th session

29 April - 3 May 2013
Geneva

Research and Innovation in Tanzania

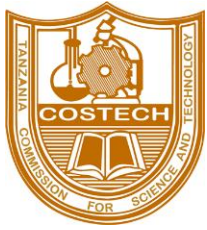
By
Mr. Hassan Mshinda
Director General
Tanzania Commission of Science and Technology

The views expressed are those of the author and do not necessarily reflect the views of UNCTAD.

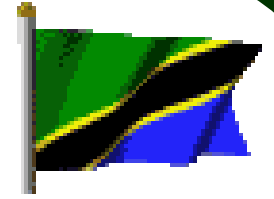


Research and Innovation in Tanzania

**5th Session of Investment and Enterprise
Geneva 1st May 2012**



Outline



- Mandate
- National Fund for Advancement of Science and Technology
- Government commitment
- Research and Innovation Funds
- Discussion

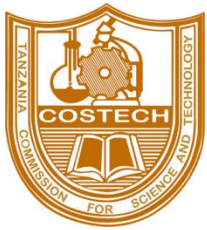
ROLE OF THE COMMISSION

- **Mandate:**
 - Principal advisory organ of the government on science, technology and innovation (Act No. 7, 1986)
- **Functions:**
 - Advise on formulation of policy on S&T
 - Promotion and coordination of scientific research,
 - Promote technology development technology transfer
 - Popularization of S&T and dissemination of scientific and technological information.
 - Foster regional & international cooperation

National Fund for Advancement of Science and Technology

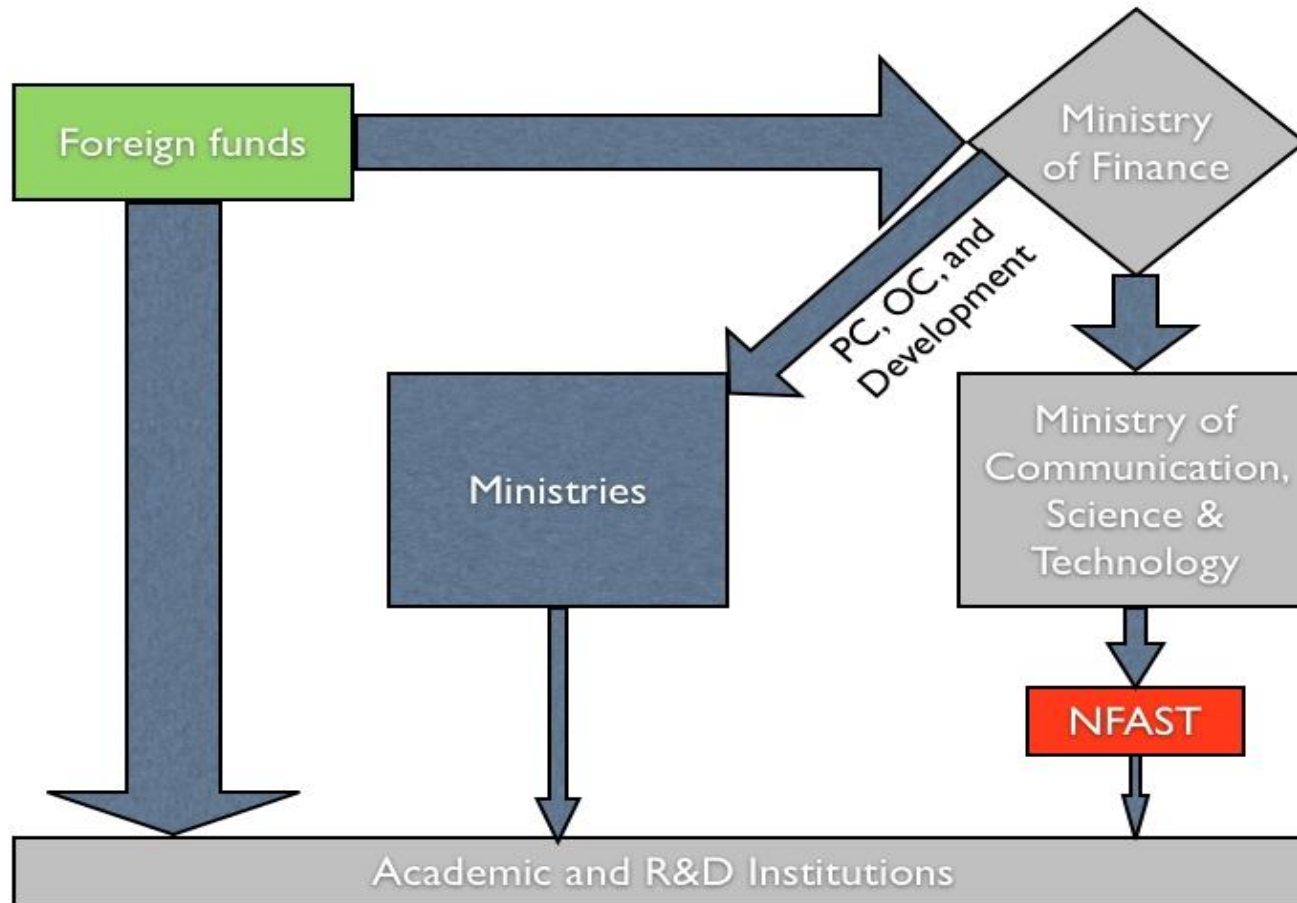
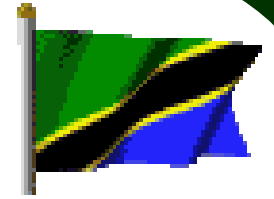
Grant or a loan

- Human resource development
- Research
- Technology development
- Application of the results in compliance with national priorities



Funding of R&D in Tanzania

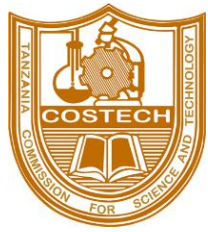
(Current situation)



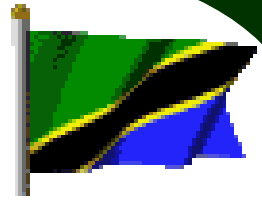
H.E President Jakaya Mrisho Kikwete of Tanzania



“The Gov’t will start to increase financial resources for research and development”



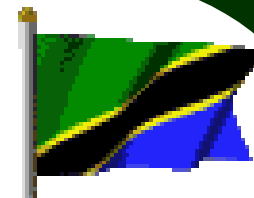
Current Areas of Support



- Human Resource
- Research Infrastructure
- Research
- Commercialisation of research results
- Incubator and Cluster



Thematic distribution of the funded proposals



	Thematic Area	Number
1	Increased coverage of proven interventions	15
2	Proven technologies needing validation	15
3	Technology transfer (up scaling and commercialization) of proven technologies and services to end users	19
4	Value addition of agricultural, livestock and fishery produce	4
5	Commodity value chain	1
	Total	54

Expected outputs from funded projects

- New varieties: Barley, wheat, sugar cane, millets cassava, tomatoes, tea, maize and sweet potatoes.
- Biological Control of fruit flies, Botanical rodent repellents, technologies for control tse tse flies,
- Post harvest loss of oranges
- Agronomic practices in rice
- Increase coverage of New Castle disease in chicken, production of new vaccines against respiratory infections in chicken, diagnostic tools and vaccines for animal diseases,
- New breeds of cattle, indigenous chickens

TASENE Program

- TASENE: collaboration between COSTECH (Tanzania), Sida (Sweden) and NWO-WOTRO (Netherlands)
- Aim: enhance scientific excellence and strengthen research collaboration between Europe and Tanzania
- Focus: post-doctorial support to scientists in Tanzania, Sweden and Dutch scientists.
- Total available funds: €1.8 M over 2 years contributed equally by three countries.

Innovation Fund for ICT

- Part of Tanzania- Finland Project TANZAICT
- Provide financial support for start up
- Euro 400,000 for three years

DFID Human Development Innovation Fund

- Health, Education and Water and Sanitation
- Private sector and civil society
- Procurement process
- Launch August/September
- £30 millions

Discussions

- Foreign funders of research have made substantial contributions in capacity building and generate usefully results which some have been utilised. However, failed to stimulate government to increase its financial allocation for research.
- Funding through competitive and transparency basis is ideal approach to assure relevance and quality.
- Equity and Venture capital funds in most of developing countries are at infancy stage
- Pooled Innovation Funds is a step forward towards establishment of Innovation and Entrepreneurial ecosystems
- Finance is only one component need to be complimented by other interventions eg incubation etc etc