STIP REVIEWS

- **Objectives**
  - Build national capacities in STI
  - Assess national innovation system and priority sectors
  - Improve technological capabilities and foster innovation

- **Outcomes**
  - Analytical and policy learning process for country’s STI stakeholders
  - UNCTAD has conducted 15 STIP reviews in developing countries
STIP REVIEW
ETHIOPIA - CONTEXT

- Align STI Policies with the country’s development goals and SDGs
- Technological learning and upgrading through inter-firm linkages & Industrial Parks
- Priority sectors covered in the STIP Review
  - Apparel and textile
  - Pharmaceuticals
- Process:
  - The Ministry of Innovation and Technology (MinT)
  - Inter-Ministerial Committee
STIP REVIEW ETHIOPIA – PRELIMINARY FINDINGS

- High-level growth but low-level of technological learning
- Building on ‘policy formulation’ for effective ‘policy implementation’
- Building on the progress on productive resources to advance on entrepreneurial capacities and production linkages
- Shifting focus from technology transfer to innovation
STIP REVIEW ETHIOPIA – KEY ISSUES

- Aligning industrial policy and STI policy
- Maximizing industrial parks’ potential for linkages
- Improving supply chain and backward linkage
- The need to build quality infrastructure
- Support and finance for innovators and technology startups
- Strengthening university – industry linkage
STIP REVIEW PANAMA
- CONTEXT

- Presidential elections in May 2019.
- Conclusion of the 2015-2019 National Plan for Science and Technology, and design of the STI policy for the next five years.
- Panama’s per capita income reached the level of a high-income country in 2018.

STI Policy Review Process:
- Extensive consultation process during visit to the field in February 2019
- First draft submitted to SENACYT on 30 April for their internal review
STIP REVIEW PANAMA – PRELIMINARY FINDINGS

- Young STI system still in the process of consolidation.
- Significant capacity to elaborate STI plans. Important capacity and leadership of SENACYT as the main actor in the STI system.
- It is necessary to increase the funding to STI efforts, particularly from the private sector.
- Lack of ownership and responsibility of STI progress from stakeholders: The country’s progress on STI depends solely on SENACYT.
STIP REVIEW
PANAMA – INITIAL RECOMMENDATIONS

**STI SYSTEM**
- Increase the resources to fund STI (including human resources & info)
- Develop policies to promote innovation in firms
- Orient STI efforts to strategic national challenges
- Recognize the value of STI in national development strategy
- Reduce red tape in approval of funds

**PENCYT**
- Activate the CICYT and increase agency coordination
- Accompany goals with adequate resources
- Strengthen linkages between the Plan and the role of the STI system in sustainable development

**SENACYT**
- Explore new type of instruments to expand portfolio
- Strengthen internal articulation efforts
- Reflect on separating the design and implementation of the policy
- Balance between M&E and development of the system
STIP REVIEW UGANDA: CONTEXT

- Re-energizing structural transformation processes
- Increasing policy coherence, coordination, directionality
- Priority sectors covered in the STIP Review
  - Industrialization of agriculture
  - Information and communication technologies
- Process:
  - The Ministry of Science, Technology and Innovation
  - Inter-ministerial STIP Review Task Force
STIP REVIEW UGANDA: POLICY DIRECTIONS

- Operationalize a national compact on the role of STI in development, the need to nurture a national innovation ecosystem
- Reframe STI policy perspectives towards the innovation side of the STI continuum
- Develop S-T-I funding capacity for all stages
- Work towards SDGs and Agenda 2030
- Align human resources, competencies, for STI-led growth needs
STIP REVIEW
UGANDA: POLICY CHALLENGES

DEVELOPING A LOCUS FOR THE NATIONAL INNOVATION SYSTEM (MOSTI)
FRAMEWORK CONDITIONS: INFRASTRUCTURE, HUMAN CAPACITY, FINANCE, TRADE
VALUE CHAIN PERSPECTIVE: ASSESSING INNOVATION POTENTIAL

AGRICULTURE AND ICT SECTORS: TRANSFORMATION AND INDUSTRIALIZATION
INCREASING LEVEL OF RISK TOLERANCE, CAPACITY TO LEARN FROM RISK-TAKING AND FAILURE
STRENGTHENING LINKAGES: ACADEMIA FIRMS GOVERNMENT
Thank you!