Presentation outline

- Composition of the Technical Team
- Objectives, Focus and targets
- Linkages with other national development agenda
- Current status and next steps
- Entry points of STI
- Lesson learned
1. Technical Team structure for STI roadmap

- Government departments
  - Department of Planning under National Treasury, custodian of SDGs
    Secretariat – Leading the process
  - National Commission for Science, Technology and Innovation – Deputy
  - Ministry of ICT
  - Ministry of Foreign Affairs

- African Centre for Technology Studies – Technical support and knowledge carrier

- Others
  - World Bank – IATT Focal Point and technical support on STI policy analysis
  - UNESCO – capacity building on STI policy formulation
2. Objectives, Focus and Targets of the STI Roadmap for the SDGs

**Overall objective** is to provide a plan for the implementation of the STI policy 2019 to enhance the use of STI to drive the current government 5-year development plan.

**Focuses** on the Big Four: Agriculture and food security; Manufacturing, Housing and Health

**Targets** initially the Manufacturing and Agriculture with specific interest on agro-processing which is an intersection between Agriculture, manufacturing and ICT.
3. Focus for the STI Roadmap for the SDGs

Agriculture and Food Security

- **Enhance large-scale production**
  - 700,000 additional acres large production through PPP
  - Use locally blended fertilizers
  - Promote irrigated agriculture
  - Reduce postharvest losses from 20 to 15%

- **Drive small-holder productivity**
  - Establish production level 1000 SMEs
  - Enhance access to credit
  - Establish commercialized feed system

**Reduce cost of feed**

- Contract farming for strategic food (crops)
- Secure investment thro PPP for post-harvest handling and distribution
4. Linkages between STI roadmap, SDGs and National Development Agenda

- Vision 2030 is the national development blueprint. It is implemented through 5-year Medium Plan Plans (MTP).
- The STI roadmap is aligned to the current MTP3 (2018-2022).
- The STI roadmap focuses on agriculture (SDG 2) and manufacturing (SDG 9), with ICT as a cross cutting enabler.
- Preliminary work has shown that focus on SDG 2.3 will have the highest impact on food security and nutrition as well as agro processing.
5. Current status and next steps

- Objectives, and scope clearly defined
- Assessing the current situation (SDGs and STI gaps) 80% complete
- Preliminary work done on assessing alternative pathways
- Next step to include Scaling up of the process through expanded stakeholder engagement
6. STI entry point for SDG 2.3

Linked to Big four Agenda for Agriculture

- Provision of improved seed technologies
- Irrigation and mechanization
- Reduction of post harvest losses
- Agro-processing
- Marketing
7. STI entry point for SDG 9 - Industrialization

Linked to Big four Agenda for Manufacturing

- Agro processing and value addition
- Leather industrial cluster
- Textile industrial cluster
- Manufacturing for agro industries
8. Lessons learned

- STI roadmap provide a useful tool for implementing STI policies and ensuring that STI is used to address SDG gaps
- Prioritization of the SDGs is important
- Active involvement of stakeholders is important
- Linking STI supply and demand is a challenge
Kenyan National STI Roadmaps for the SDGs

Prof. Tom Ogada

International High-level Workshop (I) STI Roadmaps for SDGs: Smart Specialisation for Territorial and Industrial Development in Rwanda

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