

Draft

SCIENCE, TECHNOLOGY AND INNOVATION (STI) PRIORITIES AS PER STI ACT SECTION 6(1)(a)

6. Functions of the Commission

(1) The functions of the Commission shall be to—

- (a) develop, in consultation with stakeholders, the priorities in scientific, technological and innovation activities in Kenya in relation to the economic and social policies of the Government, and the country's international commitments;

Table: Priorities in scientific, technological and innovation activities in Kenya in relation to the economic and social policies of the Government, and the country's international commitments as per provisions of STI Act Section 6(1)(a);

	STI PRIORITY AREA/INITIATIVE	BENCHMARKED WITH (COUNTRY/AGENCY)
1)	R&D Strengthening, R&D Priorities, R&D Financing and R&D Infrastructure(CC)	China, UK, Japan, US, Canada, Cambodia, SA
2)	STI Education, Communication, Talent Development, and Next-generation Workforce (CC)	AAS, China, UK, US, Japan, India, Cambodia, SA, UN-ESC (CSTD)
3)	STI Inclusivity, Advocacy, Diplomacy, and Policy Reviews	US, Canada, SA, UN-ESC (CSTD), Horizon Europe
4)	Fostering Technology Protection, Diffusion, and Commercialization through Strategic Investments in Manufacturing, Infrastructure, MSMEs, Start-ups, Technology Parks, and Smart Technologies	GoK-MTPIV, China, UK, Japan, US, Canada, Cambodia, SA, UN-ESC (CSTD)
5)	Health Security, and Substance Abuse Mitigation (including Pharmaceuticals/Traditional medicine Production)	GoK-MTPIV, Canada, AAS, UK, US, Canada, India, Cambodia, SA, Horizon Europe, AUDA-NEPAD
6)	STI for Food Security, Nutrition, Smart Agriculture, and harnessing of indigenous knowledge and technologies	GoK-MTPIV, Canada, AAS, Japan, India, Cambodia, S A,UN-ESC (CSTD), AUDA-NEPAD, Horizon Europe
7)	The Fifth Industrial Revolution, Digital Economy, Data Governance, and Emerging/Frontier Technologies	GoK-MTPIV, Canada, AAS, China, UK, Japan, US, Canada, Cambodia, SA (4 th IR), UN-ESC (CSTD)
8)	STI for SDGs, Climate Change Mitigation, and Harnessing of the Blue Economy/Aquatic Resources	Canada, AAS, UK, US, Canada, India, SA, UN-ESC (CSTD), Horizon Europe
9)	STI for National Security, Public safety and Emergency Response	UK, US, India, Canada
10)	STI Mainstreaming in MDAs through transformational reforms in Policy, Governance, Legal, Institutional, technical, and Service-Delivery frameworks	Canada, UK, Japan, US, Canada, India, Cambodia, SA, UN-ESC (CSTD)
11)	Strategic Multi-Agency, Multi-Sectoral, and International Cooperation and Partnerships	Japan, Cambodia, US, Canada, SA, UN-ESC (CSTD), Horizon Europe
12)	STI for Sustainable Urbanization, County Development, and Resilient Communities, (including smart cities, Circular Economy, Eco-Housing, water & sanitation, and Sustainable Transport-Energy-	GoK-MTPIV, Japan, India, Canada, AUDA-NEPAD, SA