

4th KIPPRA ANNUAL REGIONAL CONFERENCE

Theme: Science, Technology, and Innovation in Enhancing Delivery of the Big Four Development Agenda

23rd – 25th July 2021

BREAK AWAY GROUP SESSION DRAFT PROGRAMME

Time	DAY 1:23 RD JUNE 2021	
2.00-16.30	<p>BAG 1.1 Policy, Institutional and Legislative Framework <i>Chair: Dr. Leonard Mabele Rapporteurs: KIPPRA</i></p> <p>Presenter 1: Dr. Daniel Mutegi Giti Applicability of Public Private Partnerships for enhanced development of Science, Technology, and Innovation in Kenya</p> <p>Presenter 2: Wycliffe Nyachoti Otiso Science Technology and Innovation for National Development: Assessing Implementation of Legal and Policy Mechanisms in Kenya</p> <p>Presenter 3: Kennedy Nyosro Science, Technology and Innovation on Big Four Agenda</p> <p>BAG 1.1b Development of Human Capital</p> <p>Presenter 5: Dr. Stephen Macharia Topic: Inclusivity of TVET Education for Mass Career Growth and Development in Kenya</p> <p>Presenter 6: Dr. Francis Gitagia Levering on technology universities and TVETS students for innovations in green investments for sustainability</p> <p>Presenter 7: Ressa Theo COVID-19 and Schooling of Disabled Children in Kenya: Locus of Education in Disaster Management and Recovery Programs</p>	<p>BAG 1.2 Building Robust Innovation Systems <i>Chair: Dr. Duncan Ochieng Rapporteurs: KIPPRA</i> Presenter 1: Michael Ogolla Intellectual Property Rights Laws and Innovation: Evidence from Kenya</p> <p>Presenter 2: Ben Oseno Remodeling Disaster Risk Financing; Bridging Financing Gap Through Innovation for Improved Preparedness in Kenya</p> <p>Presenter 3: Japheth Otieno Ondiek The state of Science Technology and Innovation Policy in regulating Nairobi innovation acceleration hubs</p> <p>Presenter 4: Miriti Jane Kinya, Kenneth Lawrence Wanjau, and Nyagweth Ebenezer Odeyo The Role of Incubator Classification on Performance of Incubators in Kenya</p> <p>Presenter 5: Tabby Karanja-Lumumba Does Gender Matter in Technology Adoption among the youth? The case of thermostable Newcastle Disease Vaccine in South Eastern Kenya</p> <p>BAG 1.2B Infrastructure</p> <p>Presenter 6: Naftali Mukundi Designing an IOT Traffic Management Framework in Kenya: A case of Nairobi City County</p> <p>Presenter 7: Kevin Kinusu How are biogas attributes traded off? A choice experiment among coffee-dairy farmers in Kiambu and Machakos counties, Kenya</p>

DAY 2: 24 TH JUNE 2021		
Time	BREAK AWAY GROUPS	
	<p>BAG 2.1 (Group A) – Building resilience with ST&I Chair: Dr. Stephen Macharia Rapporteurs: KIPPRA BAG 2.2A Housing Development Presenter 1: Charles Oyaya Delivering Adequate and Affordable Housing using Novel Sanitation Technologies: A Review of the Policy, Legal and Regulatory Framework in Kenya Presenter 2: Bucha Patrick Mwenda Legal framework on mitigating building failures: a critical ingredient for safe and secure affordable housing in Kenya.</p> <p>BAG 2.2B Leveraging on Fintech and Ecommerce Presenter 3: Beatrice Kinyua Leveraging on Digitalization to boost Export Based Manufacturing in Kenya Presenter 4: George Ruheni Science, technology and innovation, public policy and resilience in development, Kenya.</p> <p>BAG 2.2B Disaster preparedness and the role of ST&I Presenter 5: Dr. Duncan Ochieng, Austine Aluoch, Ali Gakweli, Amos Ayieni</p> <p>Chemical, Biological, Radiological and Nuclear Risk Management in Kenya: Efforts, Successes, Challenges and Opportunities</p> <p>Presenter 6: Kombo Salim Understanding the link between resilience and economic systems</p>	<p>BAG 2.2 (Group B) – Building resilience with ST&I Chair: Tabby Karanja-Lumumba Rapporteurs: KIPPRA</p> <p>BAG 2.2A Health Sector Presenter 1: John Okeyo Use of behavioral data analytics and statistical psychometrics in public policy research, analysis, design, development, implementation, and evaluation: a longitudinal study of covid 19 immune therapy and administration policy challenges</p> <p>Presenter 2: Cyrus Gitonga Ngari, Dominic Makaa Kitavi, Paul Muriithi Ngari & David Mugo Muchangi Parameters and state estimates of sex based covid-19 Model using Kenya data, nonlinear least square and Interpolating polynomials</p> <p>BAG 2.2B Food Security and Nutrition Presenter 3: Prof.Lokuruk Michael Resilience Building for Food and Nutrition Security in Kenya's Arid and Semi-arid Lands-a Potential Strategy for the Big 4 Agenda</p> <p>Presenter 4: Patrick Ogutu, Nicholas Oyie, Witson Ojenge A chicken chick's banda using neuro fuzzy logic technique for ensuring sufficient food supply</p> <p>Presenter 5: A.S. Mabele, H.K Were Distribution, Host Range and Genetic Characterization of Cucurbit Chlorotic Yellows Virus Infecting Groundnut (<i>Arachis hypogaea</i>) Towards its Management</p> <p>Presenter 6: Dymphina Andima, Teresa Mwangi, Aloys Ondicho, Maurice Ondicho, Nelson Kidula Identification and creation of community-based organizations to implement integrated land water resources: Case study of Tende- Kibuon catchment, Southwest Kenya</p>