



REPUBLIC OF KENYA

SENIOR EXPERTS DIALOGUE

SCIENCE, TECHNOLOGY AND INNOVATION:
“UNLEASHING INNOVATION CLUSTERS, HUBS AND PARKS AS DRIVERS OF
AFRICA'S TRANSFORMATION”

Programme of Work

02 to 04 December 2015

LAICO Regency Hotel, NAIROBI, KENYA



Wednesday 02 December 2015

08:45 – 09:15	Registration
09:15 – 10:00	Opening Session <ul style="list-style-type: none">• Welcome Remarks: <i>Dr. Moses Rugutt</i>, Director General, (NACOSTI), Government of the Republic of Kenya• Welcome Remarks: United Nations Economic Commission for Africa• Opening Statement: <i>Ms. Nardos Bekele-Thomas</i>, Resident Representative – United Nations Development Programme; Resident Coordinator – United Nations Systems in Kenya• Opening Address: <i>Prof. Jacob T. Kaimenyi</i>, Cabinet Secretary, Ministry of Education, Science and Technology, Government of the Republic of Kenya• Introduction of participants Moderator: TBC Rapporteur: TBC
10:00 – 10:30	Key Note Address <ul style="list-style-type: none">• The role of KOTDA in Kenya’s transformation to technology and knowledge Economy: <i>Eng John Tanui</i>, CEO, Konza Technopolis Development Authority (KOTDA)• Q&A Moderator: Director General, NACOSTI Rapporteur: ECA – Mr. Victor Konde
10:30 – 11:00	Tea / Coffee Break
11:00 – 12:00	Implementation of the African Union Science, Technology and Innovation Strategy for Africa-2024 (STISA-2024) <ul style="list-style-type: none">• <i>Dr. Monica E. Idinoba</i>, DHRST, African Union Commission• Discussions Moderator: TBC Rapporteur: TBC
12:00 – 13:00	Defining the African Terrain of Innovation Hubs and Clusters: Trends, Policies and Characteristics <ul style="list-style-type: none">• An overview presentation by ECA• Discussions Moderator: TBC Rapporteur: TBC
13:00 – 14:00	Lunch Break
14:00 – 15:30	Theme One: Innovation hubs and clusters: structures and trends – potential for enhancing late-comer industrialization <p>In recent times the concepts of late-comer industrialization and leapfrogging have reappeared in the development discourse¹. A number of African governments have hinged</p>

	<p>their support for innovation hubs and clusters on these concepts. This session will serve to highlight the potential of innovation hubs and clusters in enhancing late-comer (Africa's) industrialization.</p> <ul style="list-style-type: none"> • Panelist 1: Principal Secretary, Ministry of Industrialization, GoK • Panelist 2: <i>UNDP/Kenya Office</i> • Panelist 3: <i>Prof Arop Deng</i>, Ministry of STI, Republic of South Sudan • Panelist 4: <i>Dr. Ann Kingiri</i>, Director, ACTS, Nairobi • Discussions <p>Moderator: TBC Rapporteur: TBC</p>
15:30 – 16:00	Tea / Coffee Break
16:00 – 17:30	<p>Theme Two: Youth and women innovators and techno-entrepreneurs within innovation hubs and clusters in Africa</p> <p>Youth unemployment is a serious social and economic policy problem among African countries. Innovation hubs and clusters can provide a platform for unleashing the creativity and ingenuity of Africa's youth, resulting in the creation of new jobs and the expansion of possibilities for Africa's youth. Further, female participation in innovation hubs and clusters in Africa is below the global average, yet women constitute more than 50% of Africa's youth population. This session will assess the extent of youth and women participation in innovation hubs and clusters and propose recommendations to enhance their participation for the continent's socio-economic development.</p> <ul style="list-style-type: none"> • Panelist 1: <i>Hon. Dr. Godfrey Gandawa</i>, Dep. Minister of Higher Education, Science and Technology, Zimbabwe • Panelist 2: <i>Prof. Kamau Gachigi</i>, Director, Gearbox, Kenya • Panelist 3: <i>Ms. Martha Nyabadza</i>, EMPRETEC, Zimbabwe • Panelist 4: <i>Mr. Aloysius Saul Salim Chebet</i>, East African Community • Discussions <p>Moderator: TBC Rapporteur: TBC</p>

Thursday 03 December 2015

08:30 – 09:30	<p>Theme Three: Sector Specific Innovation Hubs and Clusters: A Focus on ICT, Bio/Life Sciences, Electrical and Electronics</p> <p>This session will examine the role of innovation hubs and clusters in specific sectors in building domestic capacity to address challenges of food security, climate resilience, increased energy demands and emerging health/medical demands. Specifically, this session will focus on ICT, biopharmaceuticals, biotechnology, electrical and electronics and agricultural innovation hubs in Africa. The discussion will focus on their successes, failures and challenges with recommendations to enhance their contribution to the continent's socio-economic development.</p> <ul style="list-style-type: none"> • Panelist 1: <i>Director, Catholic University</i>, IBM Research Lab, Kenya • Panelist 2: <i>Mr. Josiah Eyison</i>, CEO/Co-Founder, iSpace, UK • Panelist 3: <i>Director, KALRO Biotechnology Lab</i>, Kenya
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	<ul style="list-style-type: none"> • Panelist 4: <i>Peter Teke Ndifon</i>, Cameroon • Discussions <p>Moderator: TCB Rapporteur: TCB</p>
09:30 – 10:30	<p>Theme Four: The Intellectual Property Rights Regime: Is the IPR Regime a Constraint to the Efficient Performance and Impact of Innovation Hubs, Clusters and Parks?</p> <p>It is generally acknowledged that IPs are poorly protected in Africa resulting in weak IP legislation and infrastructure in most African countries and consequently, sub-optimal results from innovation hubs and clusters. This session will examine innovation hubs and clusters and how IPs may hinder or foster them.</p> <ul style="list-style-type: none"> • Panelist 1: <i>Ms. Joyce Banya</i>, World Intellectual Property Organization • Panelist 2: Director, Kenya Industrial Property Office • Panelist 3: <i>Mr. Emmanuel Sackey</i>, Chief Examiner, ARIPO • Panelist 4: Dean, School of Law, University of Nairobi • Discussions <p>Moderator: TBC Rapporteur: TBC</p>
10:30 – 11:00	Tea / Coffee Break
11:00 – 12:00	<p>Theme five: Cities as innovation hubs, clusters and parks -Improving the efficiency of Africa’s cities as innovation hubs and clusters?</p> <p>The central role of cities in industrialization and structural transformation is acknowledged. While Africa is rapidly urbanizing in a rapidly technologically transforming world, Africa’s cities appear not be playing a driving role. A number of new cities do not even have industrial estates and old cities appear not to be centres of innovation. This panel will explore the intersection between cities and hubs, focusing on the attributes that cities must have in order to serve as home for innovation hubs and clusters.</p> <ul style="list-style-type: none"> • Panelist 1: <i>Director</i>, Kenya Vision 2030 Secretariat • Panelist 2: <i>Dr. Roland Kouakou</i>, ECOWAS • Panelist 3: <i>Mr. Anthony Muyepa</i>, DG, NACOST, Malawi • Panelist 4: TBC • Discussions <p>Moderator: TBC Rapporteur: TBC</p>
12:00 – 13:00	<p>Theme Six: Financing and sustainability of Innovation hubs and clusters</p> <p>Evidence suggests that most of the hubs in Africa are either government or donor financed. Donor financed hubs are at particular risk of extinction once donor support ends. And government financed hubs frequently face not just the risk of irregular disbursements but also of inadequacy relative to set objectives. Indeed regular government financing of hubs cannot be relied upon in view of the inability of African governments to meet the 1% of GDP on R&D that they have committed to in many continental declarations. This session will explore various financing mechanisms to support innovation hubs and innovation clusters in Africa</p>

	<ul style="list-style-type: none"> • Panelist 1: Ministry of Finance and Economic Development Kenya • Panelist 2: <i>Dr. Tichaona Mangwende</i>, NEPAD • Panelist 3: TBC • Panelist 4: TBC • Discussions <p>Moderator: TCB Rapporteur: TCB</p>
13:00 – 14:00	Lunch Break
14:00 – 15:00	<p>Theme Seven: National experiences in the development, governance and performance of innovation hubs and clusters in Africa</p> <p>This session will focus on national experiences in the development, management and performance of innovation hubs and clusters in Africa. Other key issues will include governance and ownership (e.g. public, private and public-private) and their impact on the performance and efficiency of innovation hubs and clusters.</p> <ul style="list-style-type: none"> • Panelist 1: <i>Mr. Isaac Maredi</i>, South Africa • Panelist 2: <i>Dr. Gideon Adogbo</i>, Nigeria • Panelist 3: <i>Prof. Hany Abdel-Aziz El-Shemy</i>, Egypt • Panelist 4: <i>Dr. Michel Bakar Diop</i>, Senegal • Discussions <p>Moderator: TBC Rapporteur: TBC</p>
15:00 – 16:00	<p>Theme Eight: Global experiences and best practices in the development, governance and performance of innovation hubs and Clusters – Policy lessons for Africa</p> <p>This session will seek to draw lessons from successful innovation hubs and clusters outside Africa on the policy objectives, characteristics, performance and impact.</p> <ul style="list-style-type: none"> • Panelist 1: <i>Mr. Ramses Malaty</i>, Deputy Head of Mission, Embassy of Finland, Kenya • Panelist 2: <i>Ms. Julia Kemp</i>, DFID • Panelist 3: <i>Prof. Manadu Tsunoda</i>, Chief Advisor, Africa a.i, Japan • Panelist 4: <i>Dr. Simon Carter</i>, Regional Director, IDRC- Kenya • Discussions <p>Moderator: TBC Rapporteur: TBC</p>
16:00 – 16:30	Tea / Coffee Break
16:30 – 17:30	<p>Consideration of Draft Report and Recommendations</p> <p>Chair: Dr. Moses Rugutt, NACOSTI</p> <p>Moderator: TBC Rapporteur: TBC</p>
17:30 – 17:45	<p>Closing session</p> <ul style="list-style-type: none"> • Remarks – ECA

	<ul style="list-style-type: none"> • Remarks – NACOSTI • Remarks - Ministry of Education, Science and Technology, Government of the Republic of Kenya <p>Moderator: TCB Rapporteur: TCB</p>
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Friday 04 December 2015 - Optional

<p>08:00 – 14:00</p>	<p>Visit to Konza Techno</p> <ul style="list-style-type: none"> • 08:00: Pick up at Laico Regency Hotel • 09:00: Arrival at Konza City • 09:00 – 12:00: Guided tour of facilities • 12:00 – 13:00: Informal discussions on tour • 13:00: Return to Nairobi • 14:00 Arrival at Laico Regency Hotel
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