



CREATING A VIBRANT **INNOVATION ECOSYSTEM.**



Together we shall build a more coordinated system of investing in innovation in Kenya

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Cabinet Secretary, project Champion

Introduction

Konza Technopolis (KT) is a key flagship project of **Kenya's Vision 2030** economic development pillar whose establishment is envisioned to create a world-class smart city and area of innovation. Konza Technopolis Development Authority (KoTDA) is the implementing agency under the Ministry of Information Communications and Technology (MoICT). Konza has an important role in Science, Technology and Innovation (ST&I) realm to enhance utilization of the contemporary scientific revolution in improving production and productivity in all sectors.

Vision: To be a global technology and innovation hub

Mission: To develop a sustainable smart city and an innovation ecosystem, contributing to Kenya's Knowledge-based economy

Konza Vision 2030 Objectives

It is a vision 2030 project with below objectives:



To position Kenya as a knowledge based economy and a preferred ST&I destination



To foster the growth of the technology industry in Kenya



To generate 17,000 direct jobs at the end of phase 1 and have 200,000 residents in the Technopolis at the end of 2030



To be a sustainable, world-class technology hub and a major economic driver for the nation, with a vibrant mix of businesses, workers, residents, and urban amenities



To develop world class infrastructure and technology to facilitate research, education and business through Information Technology Enabled Services (ITES), engineering and life sciences



To attract wide-spread investment from both local and international entities to establish themselves in the new smart city

Konza seeks to contribute to the consolidation and harmonization of innovation efforts by supporting the creation of a vibrant **Innovation Ecosystem**



Challenges

Commercialization of research/ inventions

Disjointed efforts in the space due to an uncoordinated innovation pipeline

The components of the pillar are:

- Universities
- R&D centers and Pre-incubation facilities
- Research centers of Excellence
- Incubation centers/labs
- Acceleration centers /labs
- Collaboration bridge between education, research and enterprise/business

Solution

KoTDA is pursuing four key areas of STEM, innovation, direct investment in technology and smart urban planning. Ultimately Konza has the function of:



Increasing the number of highly qualified graduates in Science Technology Engineering and Mathematics (STEM) and promoting education in the field through establishment of specialized schools, colleges and universities



Promoting SME growth in the Science Technology and Innovation (STI) sector through development of an innovation ecosystem



Attraction of direct investment in technology in form of technology companies and R&D divisions of companies setting up at Konza Technopolis



Smart city development through innovative urban planning and ICT driven (smart city) infrastructure

Knowledge Economy and Innovation Scope and, Program components

Konza is developing an innovation Ecosystem through the physical space as well as bringing together the various stakeholders within the industry to support the commercialization of research findings and the development of new solutions and enterprises. To ensure that the key players in the Technopolis are involved in it's development and meets government, academia, community/civil society and industry needs, KoTDA is developing a Quadruple Helix initiative for institutions interested in shaping the direction of Konza. This will focus in three key clusters namely;



Information, Communication and Technology &

Information Technology Enabled Services (ICT/ITES). Is one of the fastest growing sectors with a high potential for job creation.



Life Sciences; Will provide an enabling environment for scientific breakthroughs related to bioscience and new ways of working with health providers and industry.



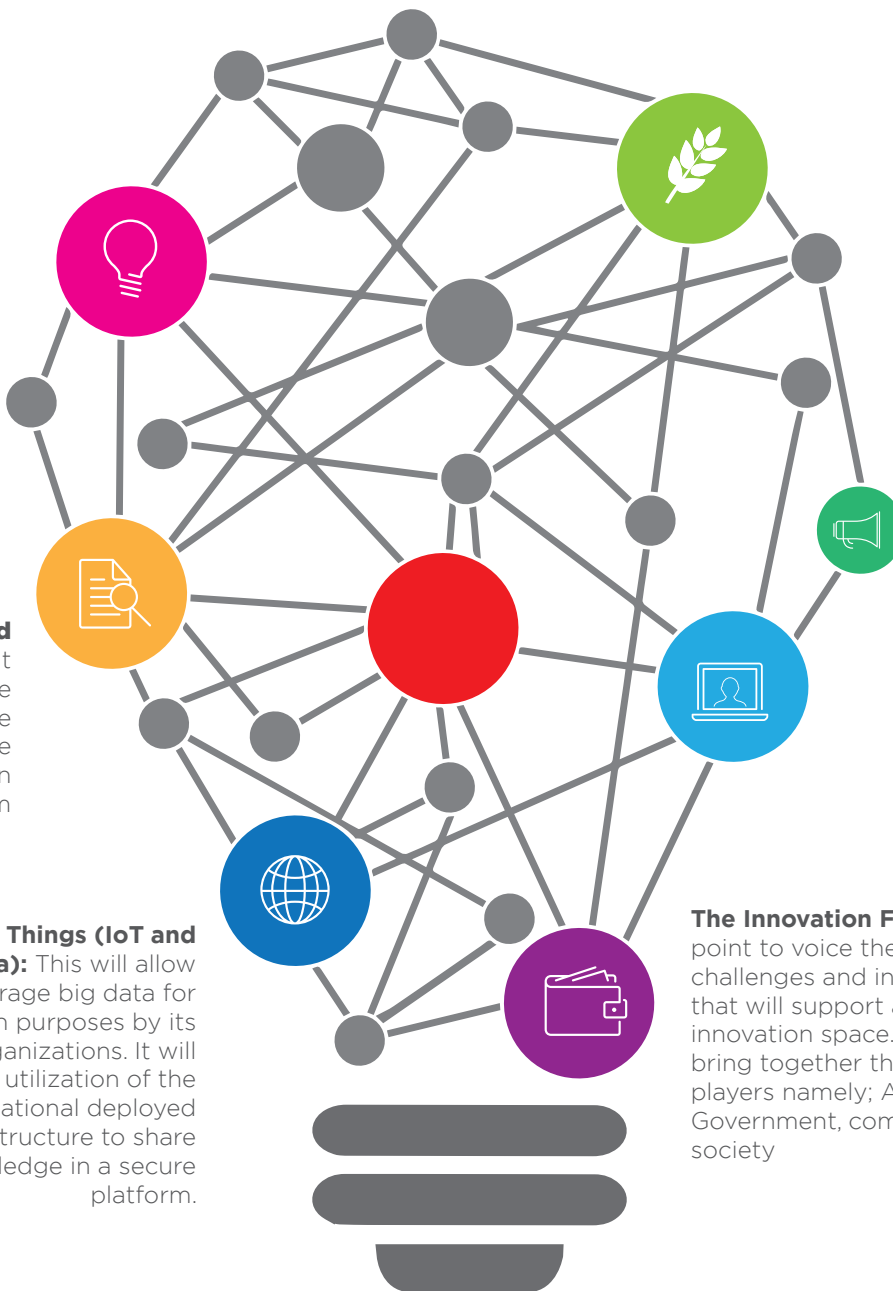
Engineering. This is a super cluster that encompasses energy, water, material sciences, electronics and related activities.

The initiative seeks partner to build assets, which includes and not limited to the following;

Enterprise:
a. Startup: Fast tracking startups through the business lifecycle, through a framework of startups acceleration process
b. Creative Economy explore the possibilities within the creative industries for job and wealth creation of offering, support in access to the potentials of digital and online businesses.

Virtual Science and Technology Park : It will deliver the entire STP ecosystem online through a single national collaboration platform

Internet of Things (IoT and Big Data): This will allow Konza to leverage big data for innovation purposes by its partner organizations. It will support with utilization of the National deployed Infrastructure to share knowledge in a secure platform.



“BIG 4” Agenda:

- a)** Innovation and commercialization of research findings in health care, housing, manufacturing and food security
- b)** Konza will partner in initiating programs seeking to move agriculture from subsistence activity to a highly automated and technology driven activity

The Innovation Forum: Have a focal point to voice the innovation challenges and influence policies that will support a thriving innovation space. The forum will bring together the quadruple helix players namely; Academia, Industry, Government, community/civil society

Why you should partner!

Platinum Partner:

- Access to Internal Association Of Science Parks and Areas of Innovation (IASP) a worldwide network of science parks and areas of innovation. It connects the professionals managing science, technology and research parks (STPs) and other areas of innovation and provides services that drive growth and effectiveness for all members.
- Access to over 408 IASP members, 128,000 companies within its network in over 74 countries in key regions namely Africa, Asia Pacific, Europe, Latin America, North America, WANA
- Invitation to join global events where KoTDA Konza is invited covering areas of innovation, Technology and Smart Cities
- Attend and participate on IASP world conferences, regional events and seminars
- Access to investors, Industry partners and regional authorities
- Host joint conferences and exhibitions
- Branding and Visibility: Enjoy the benefits of brand and logo visibility during key events and forums jointly hosted
- Joint policy advocacy initiatives

Gold Partner:

- Attend and participate on IASP world conferences, regional events and seminars
- Access to investors, Industry partners and regional authorities
- Host joint conferences and exhibitions
- Participate in events and forums
- Joint policy advocacy initiatives
- Branding and Visibility: Enjoy the benefits of brand and logo visibility during key events and forums jointly hosted
- Invitation to join global events where KoTDA Konza is invited covering areas of innovation, Technology and Smart Cities

Silver Partner:

- Access to investors, Industry partners and regional authorities
- Host joint conferences and exhibitions
- Participate in events and forums
- Joint policy advocacy initiatives
- Branding and Visibility: Enjoy the benefits of brand and logo visibility during key events and forums jointly hosted

Bronze Partner:

- Participate in events and forums
- Joint policy advocacy initiatives
- Branding and Visibility: Enjoy the benefits of brand and logo visibility during key events and forums jointly hosted

Academia Partnership:

- Through enterprise services Konza will work with the academia to commercialize existing research findings
- Academia to provide skill workforce to key partners
- Jointly solve challenges facing key partners through research and innovation
- Show case existing innovations and research during key events locally and internationally

Government Agencies:

Collaborate in research, innovation and technology, economic growth, industrialisation and skilled workforce. They create a one-stop-shop for providing key partners with government services in one platform.

We cannot do it alone

Structure of Initiative

The initiative will have a governance structure made of representatives drawn from the member organizations, government regulatory and policy bodies and Konza as the Secretariat.



Assembly of members

Membership Categories

There will be different levels of membership depending on their contribution and role in the ecosystem namely;

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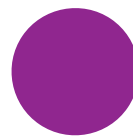
Government Agencies



Academia Partnership
category: Access to Academia



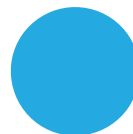
Bronze Partner: One off membership fees KES.1M with annual subscription of KES 100K



Platinum Partner: One off membership fees KES.5M with annual subscription of KES 500K



Gold Partner: One off membership fees KES.3M with annual subscription of KES 300K



Silver Partner: One off membership fees KES.2M with annual subscription of KES 200K

Council of Advisors

In order to gain from industry leaders and captains in the innovation space and ICT/ITES, Life Sciences and Engineering fields, the members shall appoint a council of advisors to help steer the initiative's vision.

Secretariat

A secretariat run by KoTDA shall be in charge of the day-to-day activities of the initiative. The Secretariat shall give periodic reports to the membership on activities of the initiative, financial status, new programmes and progress reports on on-going programmes.



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