A picture containing text, sky, grass, outdoor

Description automatically generated**AGRICULTURAL TECHNOLOGY AND INNOVATION CENTRE (ATIC)**





**University**

**&**

**Industry**

**Led**

**Outreach**

**Vision**

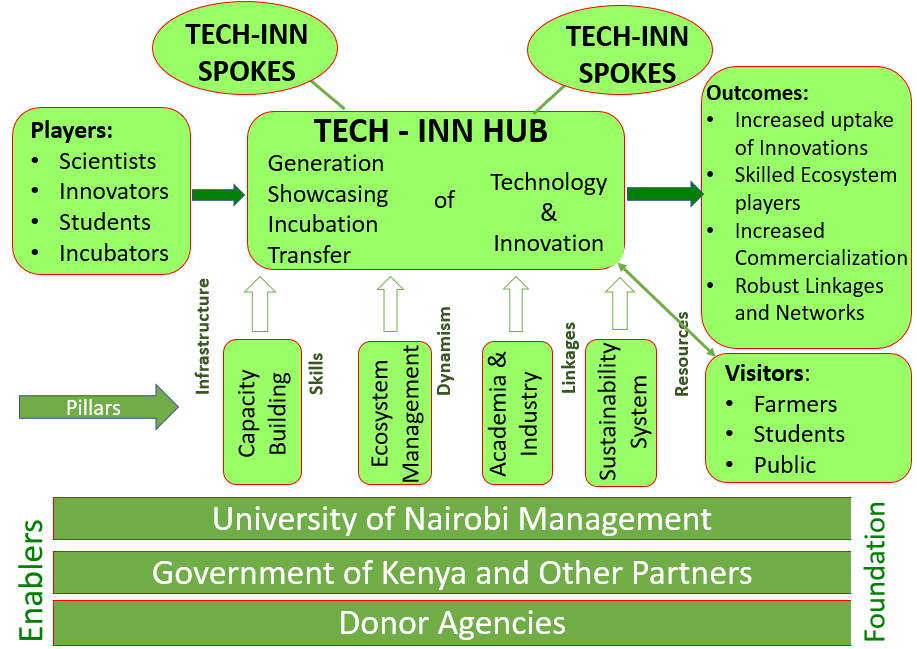
To be a Centre of Excellence for Innovation, Practical Training, Incubation and Commercialization of Market-Demanded Products and Services

**Mission**

To nurture a robust agricultural innovation ecosystem through synergistic action and exchange of knowledge among diverse actors to deliver globally competitive agribusiness, resilient livelihoods, and environmental sustainability

ATIC Hub at UoN-Upper Kabete Campus

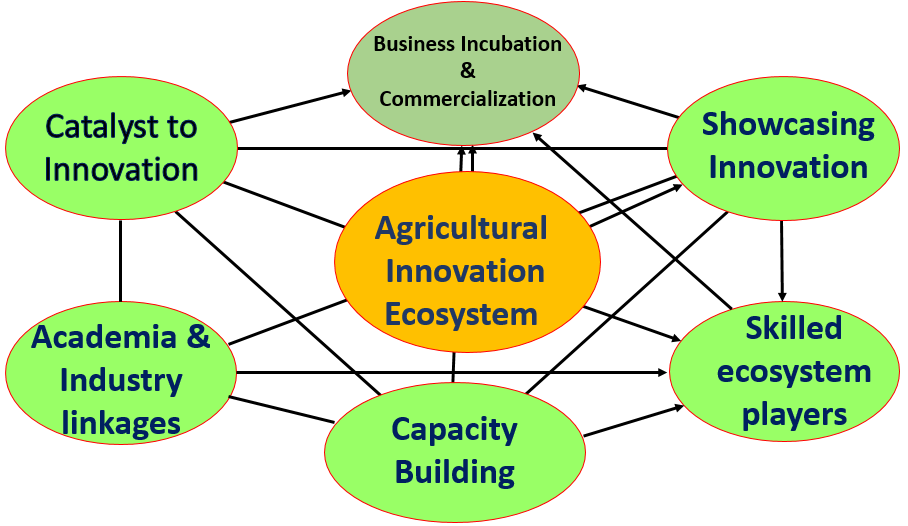
**Conceptual Framework of ATIC**



**Model of ATIC: hub and spokes**

* The ATIC hub will be based at the UoN-Upper Kabete Campus
* The hub will be replete with demonstration plots, exhibition facilities and social amenities.
* The spokes will be agricultural technology units in other public and private organizations.

**The scope and pillars of ATIC**



**Contacts**

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**Statement of the Problem**

* Evolving challenges, against inadequate investment in development of agricultural technologies and innovations
* Weak extension services contributes to low uptake of technology especially by smallholder farmers.
* Needs of farmers and the industry are not adequately articulated and communicated to the scientific community.
* Two people standing next to a flower stand

  Description automatically generated with low confidenceLow employability of graduates due to mismatch between knowledge, skills and competencies acquired and what the market needs.

**Justification**

* African higher educationiInstitutions (HEI) have been advised to champion innovatiion initiatives as a catalyst for the economies to transform into sustainable systems that provide opportunities for all.
* This initiative will strengthen the innovatiion capacity of university communities, SMEs, start-ups, and the entire industry.
* Joint action will generate innovative products as well market-demanded curricula, and market-ready graduates with appropriate and comprehensive skill sets.
* Multiple dividends from sharing of resources, synergy and networking will accrued.

Demonstration plots

Demonstration plots

**Expected outputs**

* A hub for development and showcasing of agricultural innovations and technology transfer established and commissioned.
* Database of expertise, products, innovations, and services established
* Demonstration plots and exhibition space developed and equipped.
* Strategies of incubation and commercialization of promising innovations developed and operationalized.
* Outreach and extension programme developed and operationalized in partnership with the industry.
* Curricula for short-term and tailor-made training courses, on innovations, for specific target groups developed.
* Strategy for industrial internship and student exchange developed and operationalized.
* Seamless access to technical assistance and expertise by farmers and other stakeholders established.

Experiential learning