



STI TELEGRAPH



African Regional Science, Technology, and Innovation Forum (ARSTIF) 2025



TOP STORIES:

scan to exhibit, NSW25

The 7th African Regional Science, Technology, and Innovation Forum (ARSTIF) was held in Kampala on the April 7-8 at Speke Resort Munyonyo.

1

PRODUCTIVITY ACCELERATION

Aims to increase production at all levels.

2

IMPORT SUBSTITUTION

Ensuring all foreign produce are localised.

3

EXPORT PROMOTIONS

Producing knowledge based goods & services



Pathogen Economy; Research, Development, technology transfer and commercialisation of innovations targeting pathogen control and management such as vaccines, diagnostics, therapeutics, inputs, supplies and related technologies for plant, animal, and human health threats.



Mobility
A globally competitive and sustainable mobility ecosystem in Uganda contributing 12.5% to National GDP by 2040.



Industry 4.0+
The establishment of a vibrant, self-sustaining electronics and high-tech development ecosystem contributing 2.7% of Uganda's GDP by 2040.



Space & Aeronautics.
A sustainable aerospace industry that Accelerates development Environmental resource management, national security, innovation and economic growth, contributing \$8Bn to the National GDP by 2040



Infrastructure Innovation
Industrialisation and commercialisation of high value Engineering products leveraging locally available resources, Contributing 30%



Support Services

The 7th African Regional Science, Technology, and Innovation Forum (ARSTIF) 2025

Driving Africa's future through innovation! The 7th African Regional Science, Technology, and Innovation Forum (ARSTIF) 2025 was held in Kampala, April 7-8, Munyonyo Speke Resort, uniting leaders and multi-stakeholders to explore STI solutions for sustainable growth.



8th April 2025



7th March 2025

Hon. Dr. Monica Musenero, the Science, Technology and Innovation minister officially launches the Seventh African Regional Science, Technology and Innovation forum.



7th March 2025

STI-OP had an opportunity to interact and engage with top players in the innovation arena on the African continent and beyond.



8th March 2025

- **Panels:** #STIF2025 featured a number of parallel panel discussions on different topics including on STI diplomacy, the future mobility in Africa and beyond, the STI policy and many others.

INDUSTRY 4.0+

THE MINISTER FOR SCIENCE, TECHNOLOGY AND INNOVATION AT THE INTER-MINISTERIAL STAKEHOLDERS' ENGAGEMENT ON THE ESTABLISHMENT OF A SILICON WAFER MANUFACTURING PLANT IN UGANDA.



03rd April 2025



While inaugurating the forum, Hon. Dr. Monica Musenero noted that scientific experts have already conducted several studies around local execution feasibility to pave way for the same

A **glimpse** at the processed metallurgical grade silicon from quartz that is abundant in Uganda as raw inputs for silicon manufacturing.

The plant at completion is anticipated to generate USD 47 million revenue annually at only 50% operational capacity.



03rd April 2025

Research and Development (RnD)

Research & Innovations Week 2025, Makerere University.

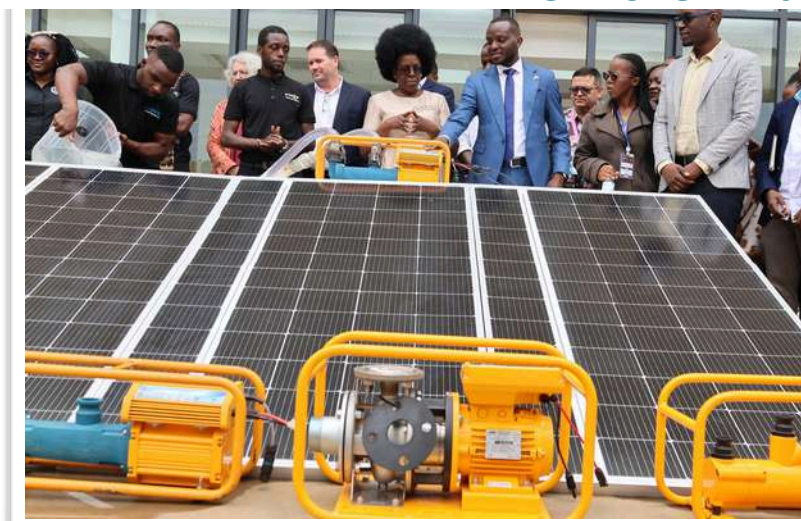
“I want anybody to show me in your curriculum where you teach students how to turn a business out of innovations. When we teach students we teach them how to manage imports and how to export raw materials in Agric economics. Your loyalty should be to the bigger national plan.

We throw away almost 70% of the value from agricultural produce, why should we when Makerere University is here.” The minister exclaimed while officiating at the Research & Innovations Week 2025, Makerere University.



10th April 2025

SOLAR-POWERED SURFACE WATER PUMPS MANUFACTURING LAUNCH



The Hon. Minister for STI officially launched local manufacturing of smart IoT-enabled solar-powered surface water pumps integrating both Swiss Technology from Ennos and Ugandan Technology from Innovex.

The pumps are inherently inclusive of a Paygo system as well as remote control and monitoring. This reduces the cost of acquisition and engenders access. They are thus prime for supporting water for production in the Parish Development Model.



10th March 2025

STI-OP STRATEGIC ENGAGEMENTS

PICTORIAL:



23rd April 2025

The minister for Science, Technology and Innovation hosted a delegation of investors from the United Arab Emirates (UAE) and held fruitful discussions on the establishment of a Ugandan value added coffee center in Dubai.



19th April 2025

STI minister met Prof. Ashraf Hatam, Health Committee President, Egyptian Parliament, and Former Egyptian Minister of Health. The Strategic Partnership Discussion meeting focused on collaboration between Uganda and Egypt regarding innovation and technology, highlighting the structured roles of Uganda's ministries in science and service delivery.

Productivity Acceleration

Productivity Acceleration

Preceding the official opening of Bukedi Seed Multiplication and Distribution Center by the STI minister, is a facility tour to ascertain the implementation capacity. Local leaders including the center administration accompanied the minister Productivity Acceleration.



Hon. Dr. Monica Musenero Masanza, the Science, Technology and Innovation minister visited Iki Iki, Bukedi Seed Multiplication and distribution center in Pallisa district. She launch the center that will spearhead the standard practices for the same and the operation office.

- The Bukedi Seed Multiplication & Distribution Center tour climaxed with a cocoa & coffee tree planting session led by the STI minister, other ministries, MDAs, local leaders, the clergy, Butebo think tank and the center lead including Nonda Coffee.



19th April 2025

- Quotes: **"This partnership is more than a business venture – it's a commitment to uplifting farming communities and building a resilient agricultural economy,"** Nonda Coffee. The venture lead Mr. Tonny Miro Kibuuka remarked during a media interview. Bukedi

A GROUP OF STUDENTS LINED UP TO WELCOME THE STI MINISTER AT IKI IKI



STRATEGIC ENGAGEMENT

ACADEMIA, THE SUPERINTENDENT INDUSTRIAL VALUE CHAIN DEVELOPMENT REPRESENTS THE STI MINISTER AT THE UNIVERSITY OF KISUBI.

Today, I was honoured to represent the Honourable Minister for STI at the University of Kisubi, at the varsity Research and Innovation Conference. I emphasised the critical importance of aligning the research agendas of Universities to the national plan and the strategic direction of STI. Several promising prototypes were displayed, including an electric motor bike; a highly potent NPK fertiliser; and several natural therapeutics-- most of which have completed in vitro studies and phytochemical analysis. We will appoint a specific officer as a point person for this young university that we can support them appropriately. - Dr. Cosmas Mwikirize denoted.



11th April 2025



PATHOGEN ECONOMY

26th April 2025 at 2:00 PM (EAT), the STI-OP Journal Club Webinar, was hosted by the Makerere University Lung Institute. The session featured Mr. Edward Kaziire, Chairman of Kaziire Group of Companies (U) Ltd, presenting on “Vidicine Herbal Therapeutic: From Bench to Clinical Trial and Beyond”. The webinar was moderated by Dr. Ekwaro A. Obuku, a leading expert in clinical trials and evidence synthesis. This is a unique opportunity to explore the journey of Vidicine, an indigenous herbal remedy, through research and regulatory processes.

26th April 2025

Online Webinar
STI-OP Journal Club

Topic
Vidicine Herbal therapeutic, "from bench to clinical trial and beyond"

Moderator
Dr. Ekwaro A. Obuku
Clinical Trialist
@ekwaroobuku

Presenter
Mr. Edward Kaziire
Chairman, Kaziire group of companies (U) Limited
@Kaziire_Products

Zoom details
Register here:
<https://t.ly/qQZRA>
After registration, you will receive a confirmation email containing information about joining the meeting.

SATURDAY
26th April 2025

2pm

#Theeclatist
@Lung_Institute

MAKING UGANDA THE BEST

Productivity Acceleration



TRIDI-SERICULTURE PROJECT.

TRIDI-sericulture project team had a fruitful discussion with STI-OP, Productivity Acceleration Bureau. It was centred on the way forward to revamp the project operations with guidance of scaling down to one site and also successful hosting of the international sericulture Congress scheduled for November this year.

“Thank you, Dr. Isiko Joshua for a great discussion, we hope the best for the industry.” a TRIDI member sent feedback.



14th April 2025

Import Substitution

The team-lead import substitution bureau, Dr. Cathrine Wandera participated as a panelist in two workshops at Makerere University. The Navigating Future Skills Workshop on **Monday, 14th April** and Industry-Academia Engagement on **Wednesday, 16th April**.



16th April 2025



14th April 2025

PATHOGEN ECONOMY

Meeting with British High Commission.

The Pathogen Economy bureau at the STI-OP secretariat met and exchanged knowledge a representative of the British High Commission on various development of Science, Technology and Innovation in Uganda.

PICTORIAL:



15th April 2025

Monitoring and Evaluation.

Pathogen Economy team working with Infrastructure Innovations Bureau undertook a for Monitoring and Evaluation Exercise at Natural Chemotherapeutics Research Institute, Ministry of Health, Wandegaya which is currently under remodelling .

The remodelling of the facility is aimed at providing a GMP Certified Central Facility to support in Herbal Medicine Research and Testing.



Dei BioPharma LTD

The Superintendent-Industrial Value Chain Development at STI-OP, Dr. Cosmas Mwikirize led a delegation to Dei BioPharma LTD, Matuga for strategic discussions under Pathogen Economy Bureau.

The facility is now producing and exporting to six different drugs.



18th April 2025



Import substitution

An advance technical team from the Science, Technology and Innovation secretariat arrived at Lira University for the last day of first ever Annual Research Dissemination, Entrepreneurship & Innovation Exhibition Conference. STI ministers, Hon. Dr. Monica Musenero was the keynote speaker.



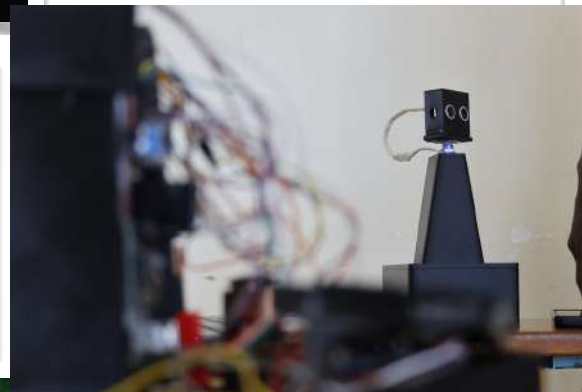
14th April 2025



The Science, Technology and Innovation minister Hon. Dr. Monica Musenero on arrival, inspected and interacted with innovations at Lira University She offered a guidance to many with prototype and few with viable products including on IP.

Innovation Highlights: Students at Lira University are doing an amazing job. Below is a motion detector radar, all developed locally in a students' lab, kudos to these young stars. #UGInnovates

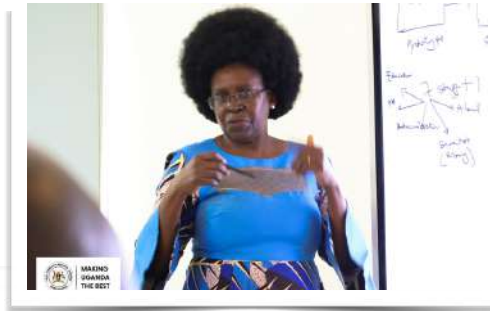
LIRA UNIVERSITY, INNOVATIONS AT A GLANCE



TOP LEVEL ENGAGEMENTS

The objective highlights were made during the Foundry Network for Science, Technology and Innovation, FONSTI meeting. The day's session took place at the STI head offices, Naguru

Pictorial:



CAPACITY BUILDING OBJECTIVES:

1. Rapid conversion, from simply technical knowledge into industrial scientists.
2. Diaspora scientists retention and international integration.
3. Support to curriculum development for FONSTI, the Foundry Network. - Hon. Dr. Monica Musenero



QUOTE OF THE MONTH

“Uganda is now taking the lead in science, we are not here to play catchup” - Hon. Dr. Monica Musenero

The minister made these remarks while talking to the press at the National Science Week 2025 (NSW25), media launch.

Deep-tech Center of Excellence, Namanve Industrial Area.

