



THE ENABLER OF UGANDA'S ATMS TEN-FOLD GROWTH STRATEGY

3RD NATIONAL ICT SUMMIT 2026 CONCEPT

VENUE

NATIONAL ICT INNOVATION HUB,
NAKAWA.

OVERALL THEME

From Connectivity to Intelligence: Leveraging AI, Digital Infrastructure and Innovation to Accelerate Uganda's Ten-Fold Growth to a \$500 Billion Economy by 2040.

DATES: 2nd – 4th September 2026

Uganda has set an ambitious national target of transforming its economy into a USD 500 Billion Economy by 2040 through the implementation of the ATMS Strategy, focusing on Agro-industrialisation, Tourism Development, Mineral Development, and Science, Technology & ICT as the country's primary growth drivers.

Recognising that digital technologies are no longer standalone sectors but strategic enablers of economic transformation, the Ministry of ICT and National Guidance is implementing the Digital Transformation Programme (DTP) as one of Government's flagship programmes under the National Development Plan IV. The Programme seeks to accelerate Uganda's digital economy by expanding digital infrastructure, strengthening digital public services, promoting innovation, developing digital skills, enhancing cybersecurity, and increasing the adoption of emerging technologies such as Artificial Intelligence (AI), cloud computing, big data and the Internet of Things (IoT).

Now midway through implementation, the Digital Transformation Programme is undergoing evaluation to assess progress, identify emerging opportunities and strengthen collaboration across Government, the private sector, academia, development partners and innovators. This provides an opportune moment for national stakeholders to reflect on achievements, share innovations, address implementation challenges and identify practical actions required to accelerate Uganda's digital transformation journey.

The **3rd National ICT Summit 2026** therefore serves as a strategic multi-stakeholder platform that complements the Ministry's Digital Transformation Programme by:

- Reviewing progress in the application of digital technologies across Uganda's priority economic sectors.
- Showcasing practical innovations that are accelerating productivity, competitiveness and inclusive growth.
- Facilitating policy dialogue between Government, industry, academia, innovators and development partners.
- Generating sector-specific recommendations that strengthen implementation of the Digital Transformation Programme.
- Building strategic partnerships and investment opportunities that accelerate Uganda's digital economy.
- Demonstrating how Artificial Intelligence, Digital Public Infrastructure, data ecosystems and innovation are enabling the successful delivery of Uganda's Ten-Fold Growth Strategy.

Rather than examining digital transformation as a standalone ICT agenda, the Summit positions digital technologies as the foundational capability powering Uganda's economic transformation across every ATMS pillar. Through its four sector-focused mini-conferences and the National ICT Summit, the initiative will generate practical roadmaps, investment opportunities and collaborative actions that contribute directly to the successful implementation of the Digital Transformation Programme while advancing Uganda's vision of becoming a globally competitive, digitally enabled and knowledge-driven economy.

ATMS#1: AGRO-INDUSTRIALISATION

CONFERENCE SUB THEME: AI, Data and Digital Platforms for Agro-industrialisation and Value Addition aligned with Uganda's Digital Transformation Programme.

The Digital Transformation Programme recognises agriculture as one of Uganda's highest-impact sectors for digital innovation. Through investments in digital public infrastructure, broadband connectivity, data systems, digital identity, AI and emerging technologies, government is creating an enabling environment for precision agriculture, digital advisory services, smart value chains and market intelligence.

This conference demonstrates how digital transformation is accelerating agro-industrialisation by improving productivity, strengthening food security, enabling traceability, reducing post-harvest losses and increasing the competitiveness of Uganda's agricultural exports. The dialogue will generate practical recommendations that contribute to the implementation of the Digital Transformation Programme while supporting the country's Ten-Fold Growth Strategy.

FOCUS

- Moving from raw produce to higher-value processed goods.
- Improving productivity, market access, and supply chain efficiency.
- Supporting export competitiveness.
- Developing a value proposition, roadmap and/or working group for execution.

DIALOGUE FOCUS AREAS

- Precision agriculture and climate-smart farming
- Digital platforms linking farmers to markets and finance
- Supply chain traceability and food safety compliance
- Agri-fintech and farmer credit scoring using AI
- Digital extension services and farmer advisory systems
- Smart logistics and post-harvest loss reduction technologies.
- GreenTech Incubator Programme, which supports sustainable, climate-friendly technology in agriculture



KEY STAKEHOLDERS

- Ministry of Agriculture, Animal Industry and Fisheries (MAAIF).
- Ministry of Finance, Planning and Economic Development (MoFPED).
- National Planning Authority.
- Uganda Investment Authority.
- Uganda Development Bank.
- Uganda Export Promotion Board.
- Uganda National Farmers Federation.
- Department of Food Science (MUK)
- Banks.
- World Bank
- AfDB

EXHIBITION IDEAS: Agri-data platforms, IoT-enabled farm monitoring, Digital commodity trading platforms, Cold chain, logistics technologies and Youth Hackathon

ATMS#2: TOURISM DEVELOPMENT

CONFERENCE SUB THEME: Digital Experience Platforms and AI for Tourism Growth and Global Market Access

The Digital Transformation Programme seeks to position digital technologies as enablers of economic competitiveness across priority sectors. Within tourism, investments in broadband infrastructure, digital platforms, AI and data analytics provide opportunities to modernise destination marketing, improve visitor experiences and expand Uganda's global digital presence.

This conference will explore how digital transformation can strengthen tourism value chains through intelligent destination management, digital payments, immersive technologies and AI-powered marketing, contributing to increased tourism revenues, job creation and international competitiveness.

FOCUS

- Expanding tourism offerings and unique experiences.
- Increasing international visibility and visitor conversion.
- Supporting the creative and cultural digital economy.
- Developing a value proposition, roadmap and/or working group for execution.

DIALOGUE FOCUS AREAS

- Smart tourism platforms and digital destination marketing
- AI-driven customer experience personalisation
- Virtual tourism and immersive storytelling
- Digital booking ecosystems and payments integration
- Data analytics for tourism planning and demand forecasting
- Supporting SMEs in the tourism value chain through technology



KEY STAKEHOLDERS

- Ministry of Tourism, Wildlife and Antiquities (MTWA)
- Uganda Tourism Board (UTB)
- Uganda Wildlife Authority (UWA)
- Uganda Tourism Association (UTA)

EXHIBITION IDEAS

- Virtual reality tourism experiences
- Digital booking platforms
- Smart park management tools
- Digital cultural heritage showcases.
- Youth Hackathon

CONFERENCE SUB THEME: Smart Resource Management: AI, Digital Infrastructure and Innovation for Mineral Value Addition and Energy Efficiency.

The Digital Transformation Programme supports Uganda's transition towards technology-enabled industrialisation by promoting digital infrastructure, intelligent systems and data-driven decision-making across strategic industries. Within mineral development and energy, digital technologies improve exploration, operational efficiency, environmental monitoring, safety and regulatory transparency.

This conference will demonstrate how AI, geospatial technologies, industrial IoT, automation and digital infrastructure can accelerate value addition, improve resource governance and enhance the competitiveness of Uganda's extractive industries while supporting sustainable economic transformation.

FOCUS

- Moving from raw extraction to value-added processing
- Improving operational efficiency and sustainability
- Strengthening transparency and compliance.
- Developing a value proposition, roadmap and/or working group for execution.



DIALOGUE FOCUS AREAS

- Digital technologies for exploration and resource mapping – Zambia Case Study
- AI-enabled predictive maintenance in energy infrastructure
- Smart grids and digital energy management systems
- ESG monitoring and transparency technologies
- Automation and industrial IoT in extractive industries
- Workforce safety technologies and remote operation

KEY STAKEHOLDERS

- Ministry of Energy and Mineral Development (MEMD)
- Petroleum Authority of Uganda (PAU)
- Uganda National Oil Company (UNOC)
- Uganda Chamber of Energy and Minerals (UCEM)
- TotalEnergies
- CNOOC
- World Bank
- African Development Bank
- International Finance Corporation
- Extractive Industries Transparency Initiative (EITI)

EXHIBITION IDEAS

- Digital twin technologies for industrial operations
- Energy management dashboards
- Geospatial data solutions
- Safety monitoring technologies
- Youth Hackathon

ATMS#4: SCIENCE, TECHNOLOGY & ICT

CONFERENCE SUB THEME: Building Uganda's Digital Innovation Ecosystem: AI, Skills, Infrastructure and Platforms for a Globally Competitive ICT Sector.

The Science, Technology and ICT pillar represents the foundational enabler of Uganda's Digital Transformation Programme. The Ministry's ongoing investments in Digital Public Infrastructure, broadband expansion, cybersecurity, digital government services, AI readiness, innovation ecosystems and digital skills development are creating the building blocks required for transformation across every sector of the economy. This conference provides an opportunity to review progress made under the Digital Transformation Programme, identify remaining implementation priorities, showcase innovations driving national competitiveness and strengthen collaboration between government, academia, industry and development partners. The recommendations generated will contribute directly to the continuous improvement and implementation of Uganda's digital transformation agenda.

FOCUS

- Strengthening Uganda's position as a regional ICT hub.
- Developing talent and globally competitive digital services.
- Enabling cross-sector transformation.
- Digital economy and Innovators.
- Developing a value proposition, roadmap and/or working group for execution.

DIALOGUE FOCUS AREAS

- AI readiness and national data infrastructure
- Digital skills and workforce transformation
- Growth of IT-BPO and digital services exports
- Cybersecurity and trusted digital systems
- Digital public infrastructure and interoperability
- Innovation ecosystems and startup scaling



KEY STAKEHOLDERS

- Ministry of ICT and National Guidance (MoICT&NG)
- National Information Technology Authority–Uganda (NITA-U)
- Uganda Communications Commission (UCC)
- Ministry of Science, Technology and Innovation.
- MTN
- Airtel
- LIQUID
- ROKE

EXHIBITION IDEAS

- AI applications developed in Uganda
- Talent platforms and skilling initiatives
- Cybersecurity solutions
- Fintech and digital public infrastructure solutions
- Digital economy and young innovators.
- Youth Hackathon