

MNUAT Driving Innovation Through the KIJANI Space Project

Mwalimu Nyerere University of Agriculture and Technology (MNUAT) is proud to be a leading institution in the KIJANI Space Project, an initiative that aims to change agriculture using climate-smart, technology-driven solutions for smallholder farmers in Africa.

Funded by the Horizon Europe Programme, the project will run from October 2024 to September 2027. It uses Earth Observation (EO) data from the Copernicus Programme and Internet of Things (IoT) technologies to tackle important challenges in crop and fish farming. The project includes 13 institutions from seven countries in Europe and Africa, and INNOTEC21 GmbH in Germany coordinates it.

As a key partner in Tanzania, MNUAT leads Work Package 2 (WP2): Needs Assessment Survey. This part, done with the Lake Victoria Basin Commission (LVBC), aims to identify technology gaps and gather important data to help apply IoT and satellite tools in agriculture within the Lake Victoria Basin.

Being part of the KIJANI Space Project not only enhances MNUAT's regional impact but also provides valuable training opportunities for its researchers and academic staff. They will gain access to modern digital tools, join international innovation networks, and receive training in the latest IoT applications for agriculture.

This collaboration strengthens MNUAT's commitment to promoting agricultural transformation through research, innovation, and technology, particularly to support food security, climate resilience, and sustainable development in Tanzania and beyond.