ULIZA-WI: Agro-weather chatbot

Weather Impact's latest dissemination tool for the next generation of climate-smart agriculture solutions

ULIZA-WI is a Weather Impact Telegram-based chatbot that provides real-time, localized weather information and practical agricultural advice in an accessible and interactive format. Farmers can request guidance at any time and receive tailored recommendations for key farm operations such as planting and irrigation.

This technology is pre-validated.

8·8 Scaling readiness: idea maturity 8/9; level of use 8/9

Inclusion assessment 12 6 8

Climate impact 6 1

Problem

- **Inclusion gap:** Exclusion of vulnerable farmers
- **Low scalability:** Limited reach of traditional systems
- **Climate vulnerability:** High smallholder risk exposure
- **Weak feedback loops:** Poor farmer-program communication
- **Poor impact tracking:** Weak monitoring and targeting

Solution

- **Inclusive access:** Broader farmer coverage
- **Actionable advice:** Simple, practical guidance
- **Resilience:** Improved climate adaptation
- **Feedback:** Real-time farmer input
- **Better targeting:** Improved program efficiency
- **Scalability:** Large-scale reach via mobile tools

Key points to design your program

ULIZA-WI strengthens national extension systems by integrating digital climate advisory services into public programs. It targets climate-vulnerable regions and aligns with climate-smart agriculture initiatives.

Implementation is supported through partnerships with meteorological and ICT agencies. Monitoring focuses on adoption, usage, yield improvements, and reduced climate losses, with expected outcomes of improved resilience, productivity, and digital inclusion.

IP

No formal IP rights

Weather Impact

Weather Impact
Lorenzo Occelli

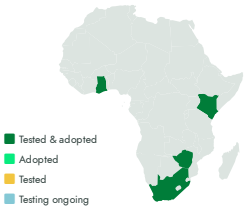
Commodities

Sustainable Development Goals

Categories

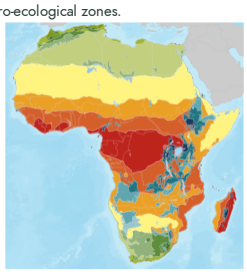
Production, Digital applications, Advisory and information service, Yield improvement

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups

Farmers, Governments, Advisory and Extension Services, Cooperatives and Agribusinesses