





weather data agricultural tips financial services market information



# **DURING FIRST YEAR**



food producers have been reached.







Market-led User-owned ICT4Ag-enabled **Information Service** 

# **MUIIS**





Important crops cultivated in northern, central, western and eastern Uganda.





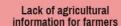


Maize

Soybean

Sesame







# MUIIS: Innovative agricultural information services in Uganda







2015

Weather forecasting and alerts

Crop management and Agronomic tips

Index-based insurance to crop farmers

2018

MUIIS is a project implemented by CTA in partnership with AGRA, aWhere Inc., EAFF, EARS-E2M, eLEAF and Mercy Corps, Uganda







@MUIIS\_U

#### **DATA MANAGEMENT**



## Data acquisition

Satellite imagery acquisition - ground data acquisition- manage and execute imagery orders, rapid pre-processiing development



#### Data processing and storage

Archiving of imagery through automated protocols, execute protocols for storage and access. for imagery processing, generate regular reports



EARS, eLEAF, aWhere

### Data analysis and modeling

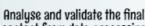
Compare, test and evaluate varieties of satellite data assimilation models and approaches



EARS, aWhere

# INFORMATION MANAGEMENT

# **Agronomist** expert team





content from data processing

NAIC

Generate information

for insurance packages



MUIIS Cloud



# MERCY CORPS UGANDA

Produce advisory messages for the mobile service to farmers

# Ensibuuko

Main delivery system to send sms message about MUIIS Service Bundle to subscribers

### KNOWLEDGE MANAGEMENT





## **PROFILING FARMERS**









Others international Development Partners like World Bank, USAID, Uganda Ministry of Agriculture benefits from MSA