



## OPEN INNOVATION PLATFORM FOR IOT-BIG DATA IN SUB-SAHARAN AFRICA

The WAZIUP project is still under the grant  
agreement phase

## Vision

- To empower African rural economy by addressing the **African rural problems** and to improve living and working condition of rural community
- To tailor the **IoT and Big-data technologies in the context of Africa** in order to offer value-added cost as well as energy efficient services
- To build the **WAZIUP ecosystem and communities** and to lower entry level for SMEs, application developers.

## Application domains



Irrigation



Livestock farming



Fish farming



Storage and  
logistic



Mobile health

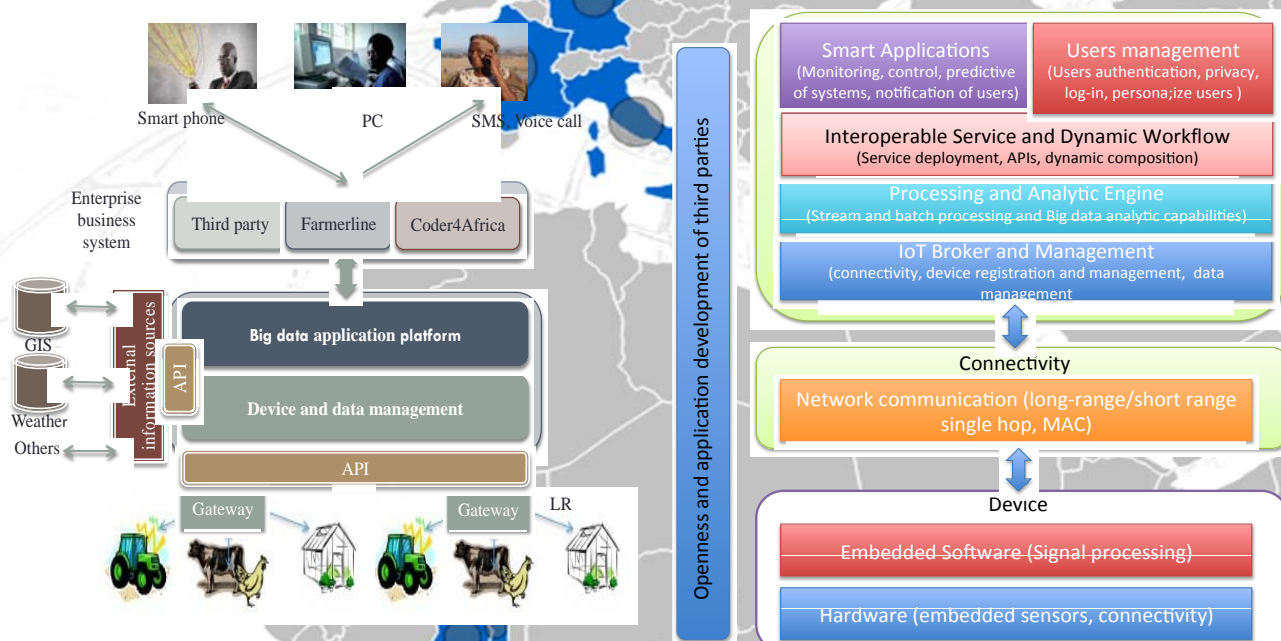


Fresh water

# Objectives

- To develop/adapt **low-cost and energy-efficient hardware** (e.g. sensor/actuator) fit for African context
- Design and development of IoT mixed communication and **networking infrastructure** (e.g. **LoraWAN**) , including both long and short range
- To develop and validate the **open IoT and Big data** and advanced analytic application platform
- To offer **open sources WAZIUP** (hardware and software) platform for developer and SMEs communities

## WAZIUP framework





# Contact

