



oNe hEalth SusTainability partnership between
EU-AFRICA for food sEcuRity

About NESTLER

The novelty of the **NESTLER project** lies in the development and integration of advanced technologies. The **NESTLER platform** develops software interfaces for ingesting satellite data sources along with video streams captured from unmanned aerial vehicles and other IoT devices installed for monitoring the environmental and animal well-being.

VISION



IoT sensors



Precision farming



AI/ML Algorithms



GIS Systems



Feed Industry

The **large-volume of data** ingested into the platform is subjected to additional processing for the extraction of intuitive insights with the assistance of **ML and AI algorithms**. **Remote sensing technologies** and **GIS** systems are developed to conduct environmental surveillance on large-scale areas. The extracted insights are translated into predictive models affecting **One-Health sustainability** program.

Consortium Partners:



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