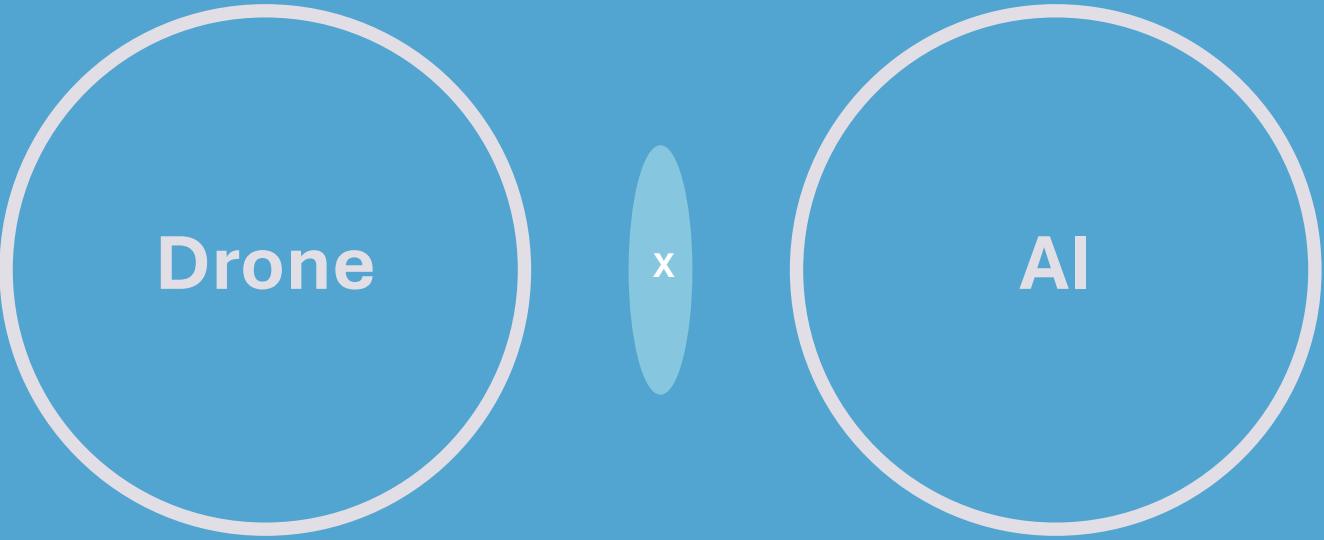


# SORA Technology

~Innovation from Sky~



↓ J-Startup



Drone

AI

x

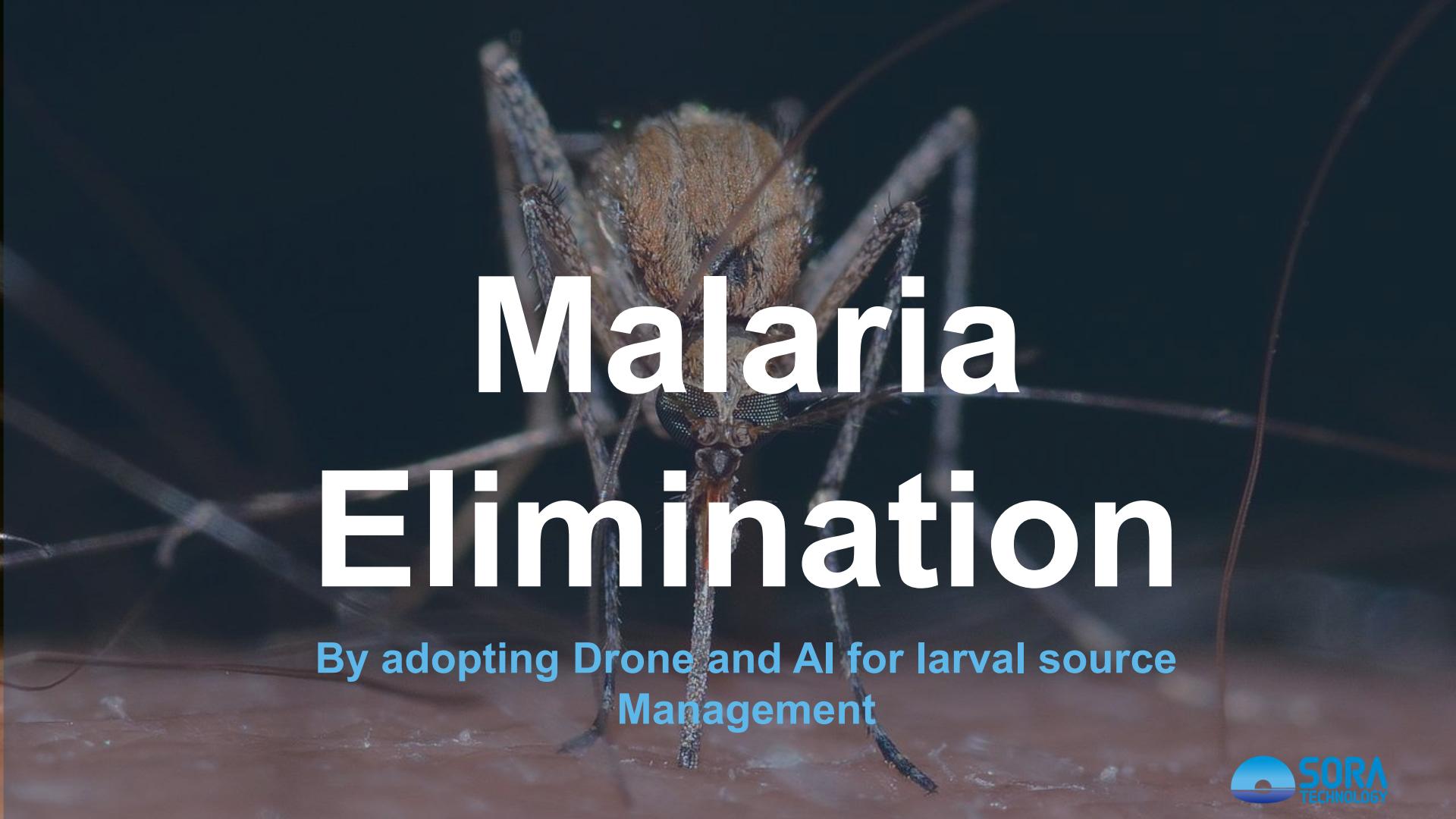
# Data driven Surveillance systems in Health and Agriculture

Digitalized , Structured,  
Automated

Data Analysis, risk  
classification and  
prediction/preparedness

Cost-effective, Efficient

# Our flagship project



# Malaria Elimination

By adopting Drone and AI for larval source  
Management

# Malaria

**ECONOMIC LOSS**  
**\$16 billion annually.**

**247+ million cases  
annually.**

**Over 619,000 deaths  
each year,**

**with 90% in Sub-  
Saharan Africa.**



New Value against Malaria by SORA :

# Drone x AI for Larval Source Management (LSM)

**70%**

Larvicide Reduced



**Cost-effective,  
Eco-friendly  
LSM is achieved**

# 40%

**Reduction in  
overall cost**

~~Larvicide~~

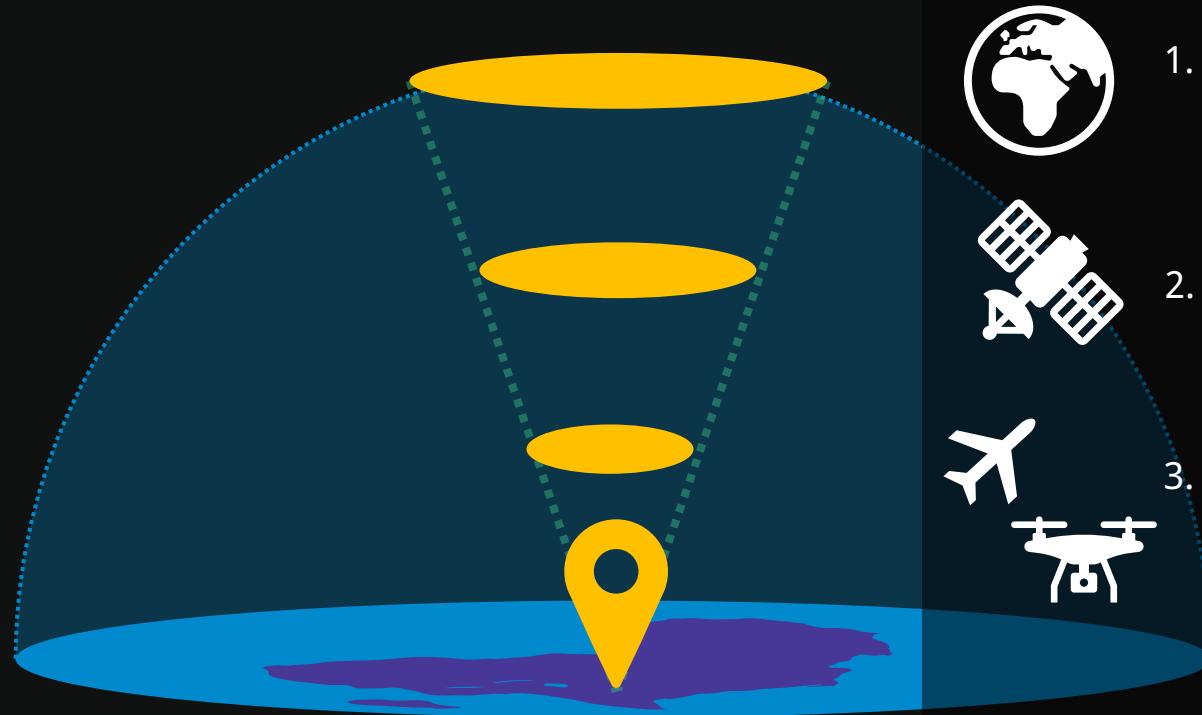
~~Labour~~

~~PPE~~

~~Cost/person at risk~~

# SORA Surveillance

## AI-powered Multi-Layer Platform



1. Historical climate/ Environment data/Agriculture field data
2. Satellite imagery analysis
3. Drone imagery analysis

# THE NEW AGRI-TECH

Climate shocks are  
**threatening food security** in Africa.



**SURVEYING &  
RISK ANALYSIS**



**SPRAYING**



**YIELD  
ANALYSIS**

# AI Drone Spraying

A photograph of a white quadcopter drone flying over a green field. The drone is spraying a fine mist of liquid, likely herbicides or pesticides, onto the crops. The mist is visible in the air around the drone. The background shows more of the field and some trees in the distance.

4x total efficiency

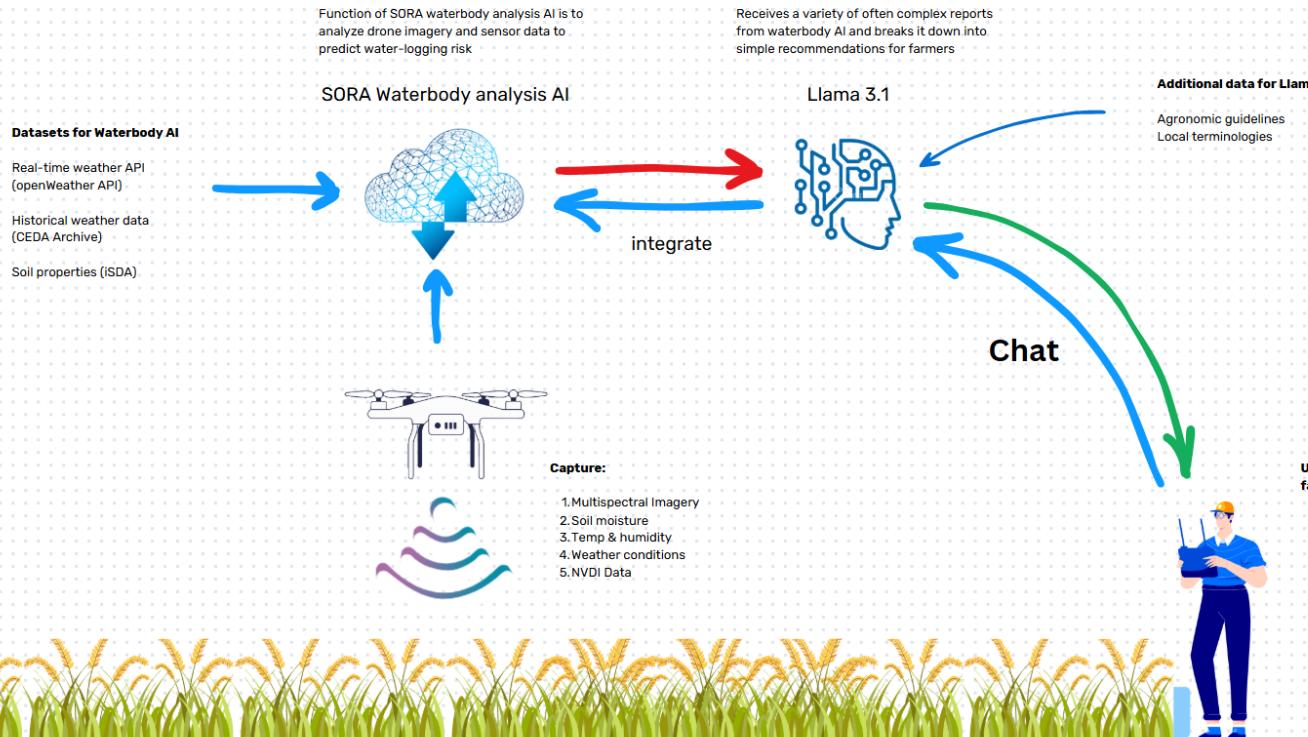
-60% chemical efficiency

10x labor efficiency

Drone & AI for Feed Salone; Dynamic Duo in Boosting  
Yields/Forestation while Mitigating Waterlogging Risks

**-40% Harvest  
-6t/ha CO<sub>2</sub>**

# Automated Water management and carbon credit generation using drones and AI



## Case in Sierra Leone

- Under MoU with
  - Ministry of Health
  - Directorate of Science, Technology and Innovation
  - Njala University.
- First country where our solution has been demonstrated and deployed, with financial supports from the Ministry of Economy, Trade and Industry of Japan
- Currently Under operational research in collaboration with Njala University



## Case in Ghana

- Under MoU with
  - Noguchi Memorial Research Institute
  - College of Basic and Applied Science, University of Ghana
  - Operational research with NMEP
  - Under Phase 1 project of **SORA LSM**, to evaluate the impacts on cost-effectiveness of larvicide
- Already received the supports from high-level stakeholders including President, Director General of GHS etc.





**250M**



**7.6 mt**



**42 mt**



**16B \$**

**3.8B \$**

**2.1B \$**

# Expansions:



**Sierra Leone**  
(w/ MOHs, DSTI & Njala University)



**Ghana**  
(w/ Noguchi Research Institute & University of Ghana)



**Benin**  
(w/ CREC)



**DR Congo**  
(w/ INRB)



**Senegal**  
(w/ Institut Pasteur de Dakar)

