

The logo for 'wings.' features the word 'wings.' in a lowercase, sans-serif font. The letters 'w', 'i', and the period are colored orange, while the letters 'n', 'g', and 's' are white. The background is a dark blue gradient with a subtle pattern of thin, curved lines that create a sense of motion or depth, particularly on the right side.

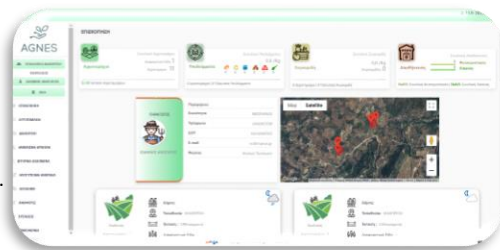
wings.

TECHNOLOGY TO ELEVATE YOUR BUSINESS

A. AGRICULTURE : Farmbook (Farmers, agricultural cooperatives)

Monitoring

- Producer and land parcel data.
- Ecological schemes (AEE).
- Crop recording and monitoring.
- Through sensors:
 - ✓ Soil moisture sensors monitor soil humidity.
 - ✓ pH and NPK sensors measure soil quality.
 - ✓ Meteorological sensors track environmental conditions affecting the climate in land parcels.



Decision Making and Recommendations

- Environmental management planning.
- Bulk user management.
- Support for AGRO 2 & GLOBALG.A.P. standards.
- Determine when and how much to irrigate.
- Decide when and how much to fertilize.
- Provide alerts for potential disease outbreaks based on weather conditions and land parcel data.



Soybean 12/11/2024, 08:29:34

Available Fertiliser Conditions

- Fertiliser:** Οργανικό (π.χ. Κομπόστ)
- Temperature:** 5°C - 30°C
- Humidity:** 40% - 70%
- Rainfall:** 0 mm - 20 mm
- Wind Speed:** 5 km/h - 15 km/h

Solution: Εφαρμόστε οργανικούς λιπασμάτων και φωσφορικών, αν η υγρασία και η θερμοκρασία είναι κατάλληλες. Αποφύγετε τις θερμοκρασίες κάτω από 5°C ή υψηλή υγρασία πάνω από 70%.

- Fertiliser:** Αζωτούχο (π.χ. Δυαλί)
- Temperature:** 10°C - 30°C
- Humidity:** 40% - 70%
- Rainfall:** 0 mm - 15 mm
- Wind Speed:** 5 km/h - 15 km/h

Solution: Εφαρμόστε αζωτούχο λιπάσμα, καθώς αν η βροχόπτωση είναι επαρκής.



B. Biodiversity and Green book/registry

Monitoring

- Management of Municipal Green Registries.
- status of plants, parks, and trees.
- Tracking NDVI (Normalized Difference Vegetation Index) for vegetation health.
- ongoing maintenance tasks and activities.
- visitor traffic to green spaces.
- Recording not only vegetation but also infrastructure elements, such as water fountains, benches, and other facilities.

Decision Making and Recommendations

- Maintenance and optimization of green spaces.
- Organizing actions for ecosystem management.
- Scheduling maintenance tasks and activities for improved efficiency.
- Planning improvements based on visitor patterns and infrastructure needs.

C. AQUACULTURE and ENVIRONMENT

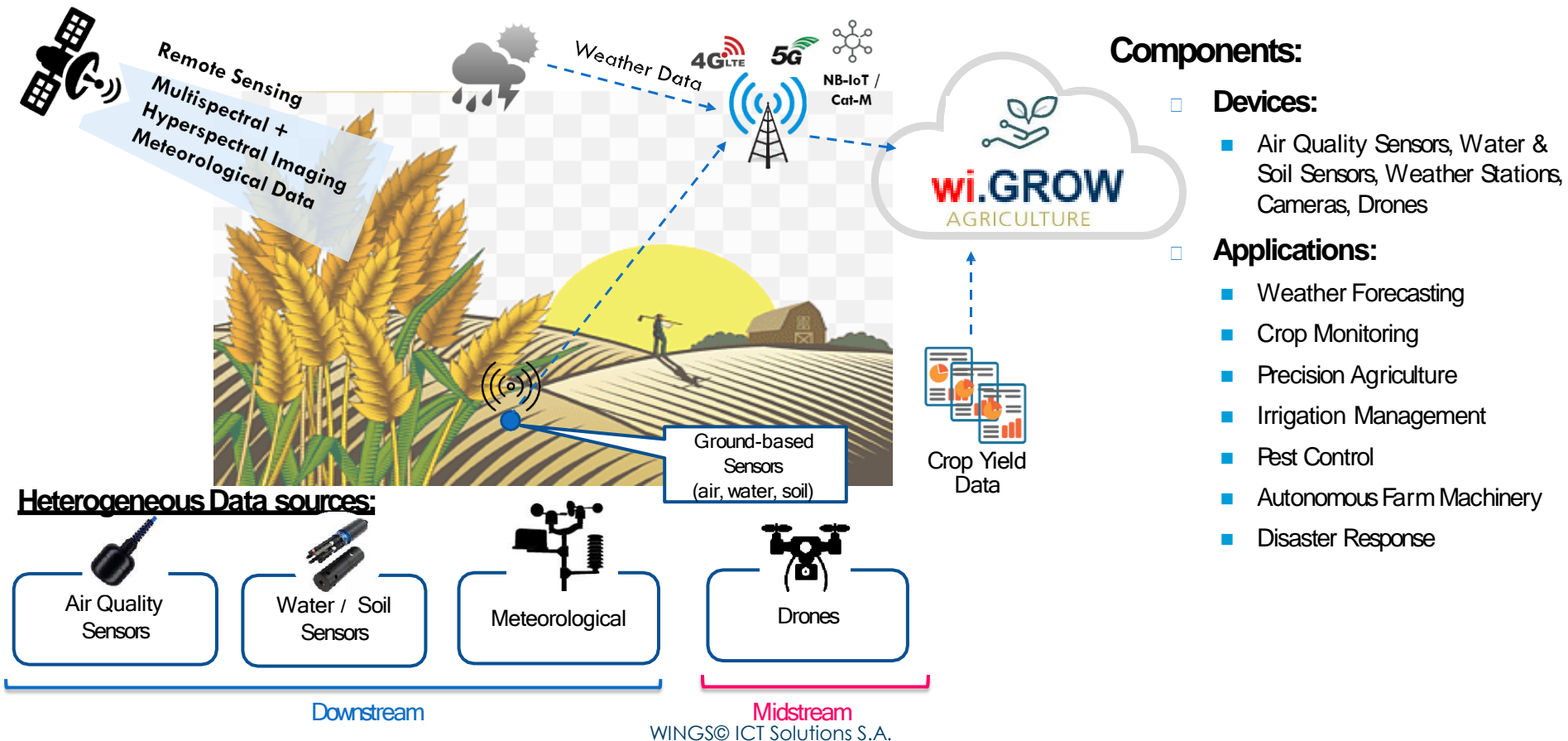
Monitoring

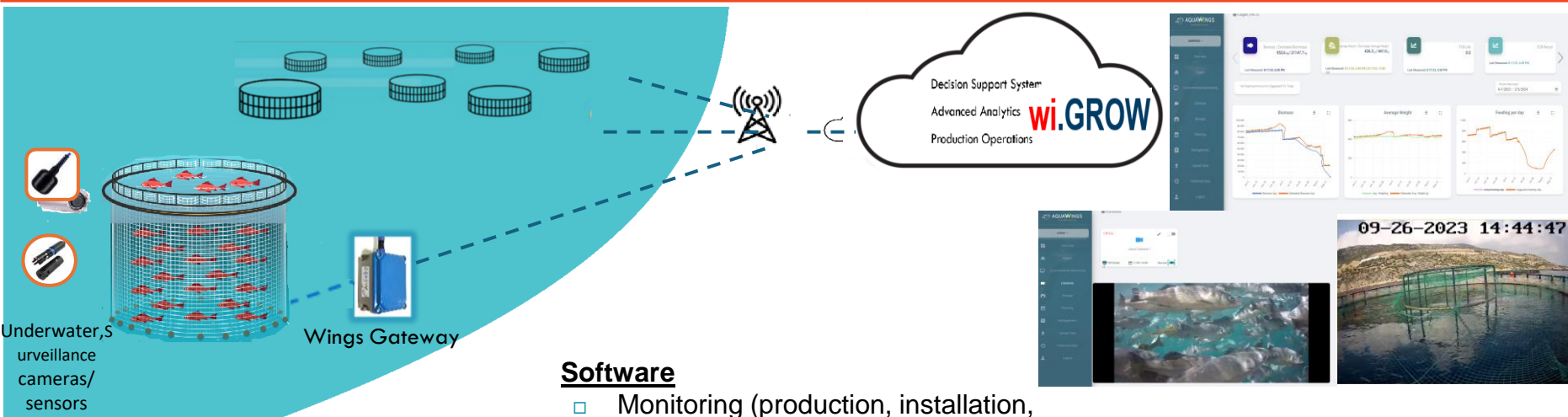
- Production monitoring
- Environmental indicators.
- Facility security.

Decision Making and Recommendations

- Production optimization (Feed, Health)
- Management of environmental risks.
- Security management in aquaculture.







Underwater, Surveillance cameras/sensors

Wings Gateway

Hardware

- Under water cameras
- Under water sensors
- Surveillance cameras
- WINGS gateway

Network / Cloud

- 5G, 4G, WiFi, or other
- Edge / core cloud, security

Software

- Monitoring (production, installation, environment)
- Average weight estimation
- Feeding optimization
- Behavior pattern, health
- Alerts and recommendations
- Foundation: Video analytics, data ingestion and analysis, custom algorithms for decision support

wings.
Thank you



www.wings-ict-solutions.eu