

ezzayra | الرايرة

SOLUTIONS

NOUVELLES TECHNOLOGIES
POUR L'AGRICULTURE

تكنولوجيات
حديثة للفلاحة

► Technology is not a luxury, But a strategic choice



www.ezzayra.com



Context

Arab and African farmers practice their trade in the same ancestral, often arbitrary way, without relying on science and data.



PROBLEM



SOLUTION

- ▶ Climate Change
- ▶ Soil Degradation
- ▶ New Diseases
- ▶ Water Scarcity
- ▶ New Plant Varieties
- ▶ Know How

Digitize the Agricultural
Value Chain.



- ▶ MEASURE
- ▶ Detect Gaps & Anomalies On Time
- ▶ Analyze & Fix
- ▶ Hearn & Set **STANDARDS > KPIs**

OUR MISSION

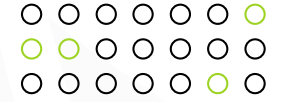


Science & Data-Driven agriculture.



NOUVELLES TECHNOLOGIES
POUR L'AGRICULTURE

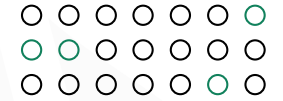
تكنولوجيا
حديثة للفلاحة



EZZAYRA offers **AGTECH** solutions that enable farmers to switch from arbitrary management of their operations to a **DATA DRIVEN** approach that optimizes performance and maximizes profit

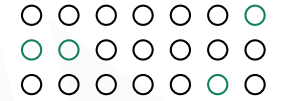


INTRODUCTION



EZZAYRA is the leading AGTECH startup in Tunisia with 3 main products :





▶ **Farm Management**

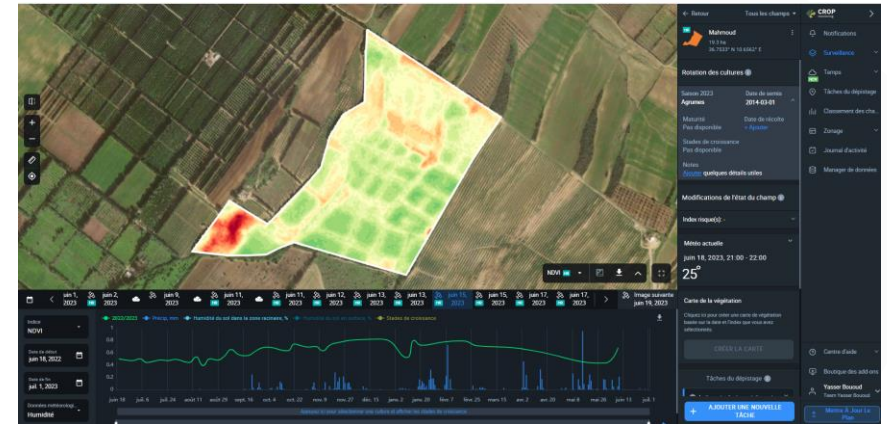
▶ **Traceability**

▶ **Immobilisation**

▶ **Agro-industry**

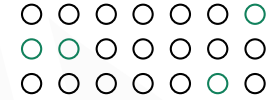
▶ **Analytics**

▶ **Decision-making support**



● **Certification**
Helps you meet international standards

● **Competitiveness**
- Helps improve yields and quality



- ▶ Advanced tasks planning
- ▶ Assets management
- ▶ Provisioning & stock management
- ▶ Sales management
- ▶ Reporting – BI
- ▶ Traceability & tracking
- ▶ Advanced tasks planning

SDA ZITOUNA

Olivier - 2021

2 350 311
Coûts

624
Surface Plantée (Ha)

915 451
Nombre de Pieds

3 769 DT
Coût/Ha

2,567 DT
Coût/Pied

Culture

- Avoine
- Blé Tendre
- Fenugrec
- Olivier
- Orge

Coût/Pied by Variété

2,95 DT

Arbequina

2,34 DT

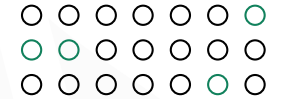
Arbosana

1,35 DT

Koroneiki

Type de charge	Type d'activité	Variété	Type Ressource	Arbequina			Arbosana			Koroneiki			Total		
				Coût Total	Coût/Ha	Coût/Pied	Coût Total	Coût/Ha	Coût/Pied	Coût Total	Coût/Ha	Coût/Pied	Coût Total	Coût/Pied	
PASSAGE-INVEST-PROD	Passage En Production	Passage En Production		22 530.98	57.00 DT	0.04 DT						22 530.98	36,13 DT	0.02 DT	
SORTIE PARCELLE	Sortie Sur Parcelle			15.90	0.04 DT	0.00 DT						15.90	0.03 DT	0.00 DT	
TRAVAIL AGRICOLE	Divers	MO		51 517.20	79.58 DT	0.05 DT	27 061.70	96.38 DT	0.06 DT	10 447.73	53.36 DT	0.05 DT	89 026.62	75,18 DT	0.05 DT
	Eclaircissage	MO		9 195.88	23.26 DT	0.01 DT				1 820.00	11,90 DT	0.01 DT	11 015.88	17,66 DT	0.01 DT
	Entretien de parcelle	INTRANT		727.19 DT	0.48 DT		434.59 DT	0.26 DT					513.44 DT	0,35 DT	
		MO		7 588.03	19.20 DT	0.01 DT	755.72	10.04 DT	0.01 DT				8 343.75	13,38 DT	0.01 DT
		TRACTION			7.06 DT	0.00 DT		5.61 DT	0.00 DT				5,15 DT	0,00 DT	
	Gardiennage	MO		86 693.38	22.32 DT	0.01 DT	52 016.03	27.21 DT	0.02 DT	17 338.68	13,03 DT	0.01 DT	156 048.08	20,63 DT	0.01 DT
	Irrigation	INTRANT			465.66 DT	0.30 DT		625.92 DT	0.38 DT				1 091.58 DT	1,73 DT	0.01 DT
	IRRIGATION			292 447.22	575.05 DT	0.37 DT	141 645.56	661,45 DT	0.41 DT	65 801.75	430,08 DT	0.38 DT	499 894.53	552,33 DT	0,38 DT

8



▶ Irrigation Control

Control of the entire irrigation network

▶ Network reliability

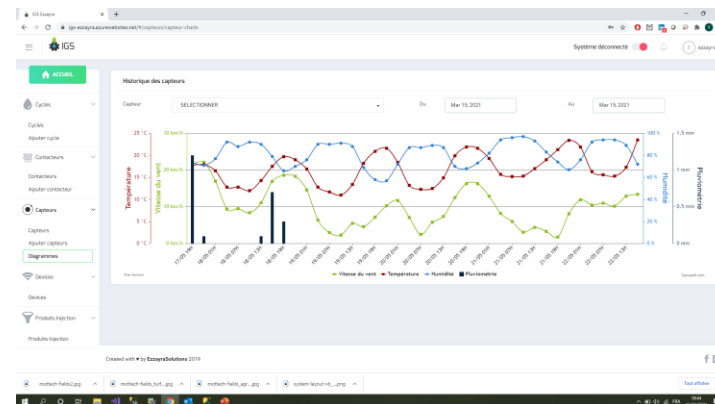
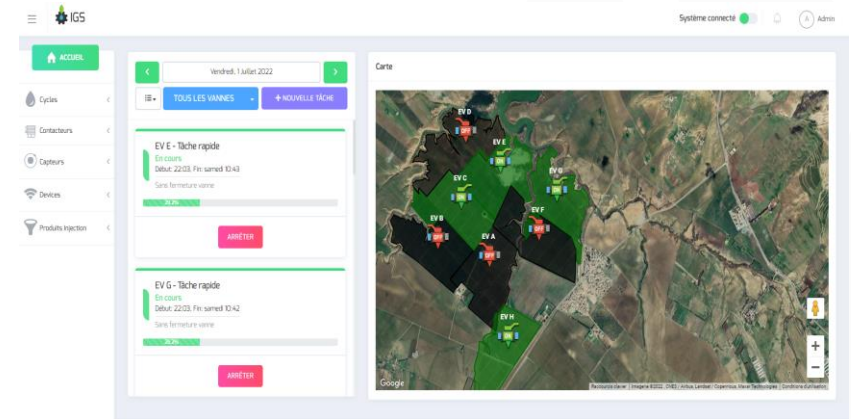
Connected sensors, leak and anomaly detection

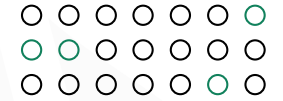
▶ Fertirrigation

Precise fertilizer injection

▶ Optimisation

Optimized use of water and fertilizers





► Energy

Atlas runs on **electric** power

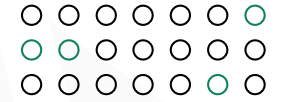
► Precision

Performs farming tasks with great **precision**

► Autonomy

Able to perform tasks in **autonomous** mode





► Mororisation

4 x 1000 Watt

► AI

Atlas has his own AI models
precision

► Sensors

GPS RTK – Proximity-
Cameras -



Marché

 Diana Holding

 Domaines Zniber


مجموعة بوليننا القابضة
POULINA GROUP HOLDING


[CHO]
GROUP

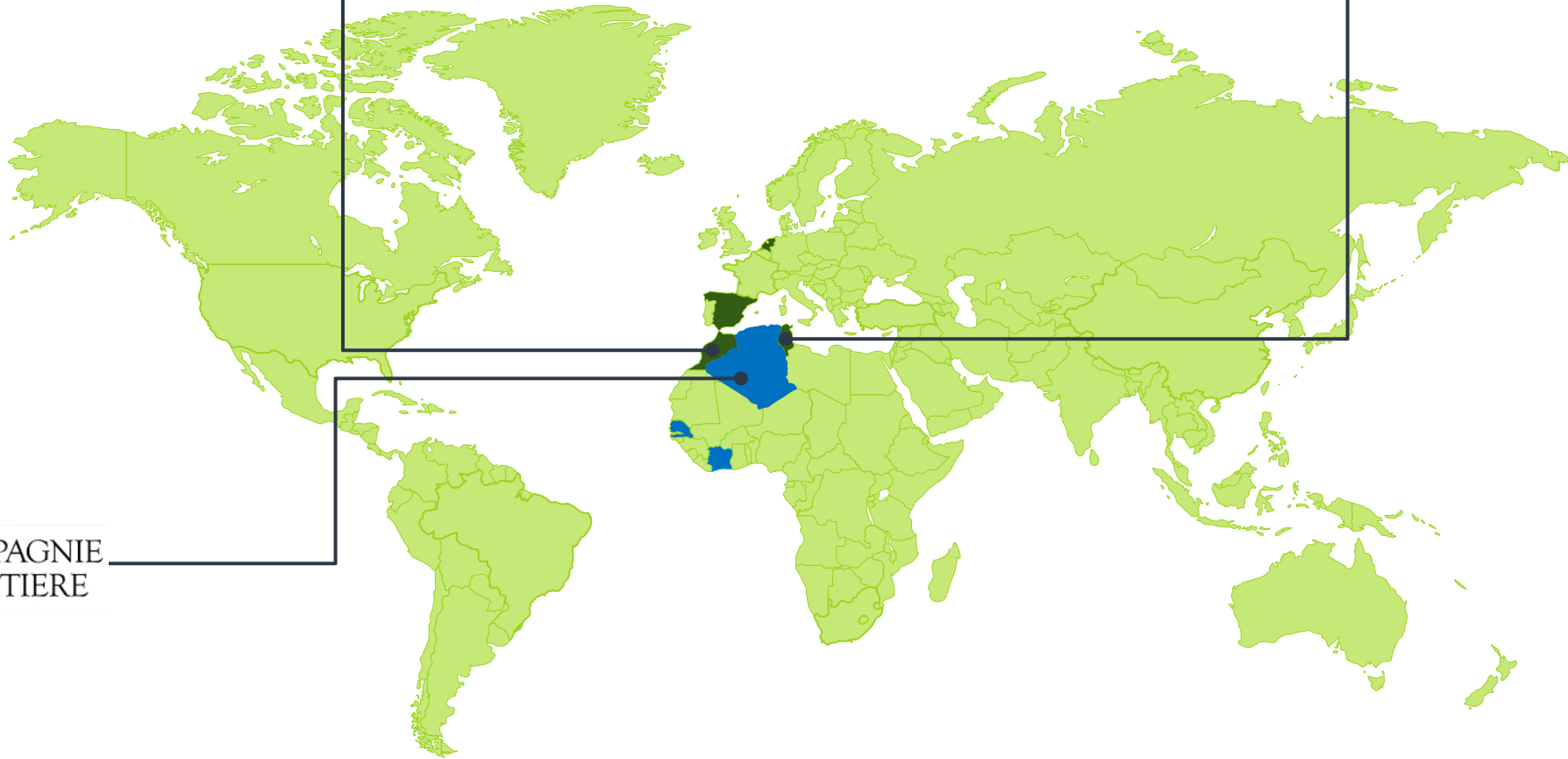

HBG
HOLDING


SOROUBAT
Société de Routes et de Bâtiments


IFFCO
إفكو


رحمة
Rahma®

 COMPAGNIE
FRUITIERE





EZZAYRA in figures



73 Key accounts



850 Varieties

An extraordinary benchmark



18 000 000 Trees

A large database where everything is consolidated



40 000 Ha

Farmland covered and managed by EZZAYRA solutions





Partnership & Research

DISTRIBUTION PARTNERSHIPS



RESEARCH PARTNERSHIPS



TECHNICAL PARTNERSHIPS



Microsoft





Magon – Carthage, the granary of Rome

**Africa will be the
world's granary**

Thank you!

www.ezzayra.com

