

# Application: ExID-23F-9094512358

Yacer Manyani - yasmnyany@gmail.com  
UM6P Explorer Innovation Fund (MOROCCO)

## Summary

**ID:** ExID-23F-9094512358

**Last submitted:** Feb 19 2026 20:21 (+00)

**Labels:** Requires Executive Director Review, Pending Approved New Application, NOT USED , F24 Continuing, S25 Invited to MFB, F25 Full FB, F25 Has 1 mentor, 2026 Showcase - Booth Only, S26 Invited to FFB

## Eligibility Criteria

**Completed** - Aug 1 2023

## Eligibility Criteria Form

- **Eligibility Organizations: UM6P, GEP, MASCIR, 1337, YouCode, Hassan II, Al Akhawayn, Mohammad V, Cadi Ayyad, Paset and Technopark students (undergraduate, masters and PhDs) postdocs and researchers**
- Eligible members (see **Eligibility Organizations** above) and their teams that have a startup idea that they are already working on or want to start working on are eligible to apply.
  - All business models are welcome, including non-profit, social ventures, commercialization of eligible organizations (see **Eligibility Organizations** above) research and projects.
  - This does not include internships, charities, or research that you are not actively trying to commercialize or bring to market.
- Teams can have members from any eligible department or organization (see **Eligibility Organizations** above), as well as members from outside the Eligibility Organizations. However:
- A team **must have at least one full-time** member from an eligible organization (see **Eligibility Organizations** above) in **a leadership role (if company is registered, then eligible member has to be one of the registrants)**.
- Upon graduation or terminating affiliation with any of the eligibility organizations (see **Eligibility Organizations** above), a team is no longer eligible to continue within Explorer.
  - Recruiting an eligible member to the team for the sole purpose of continuing the participation in Explorer **will not be accepted** as an eligibility criteria. Such addition to the team **must happen at least ½ a cohort in advance**. Please **consult with the Explorer staff early** about any clarifications required.
- Team members can be added/deleted anytime during the cohort (through Explorer portal).
- Team **absolutely** must be committed to their Business and Completing/Revising LBMC, Customer Segments, Customer Discovery, Early Adopters
- Teams **must disclose** prior or other sources of funding. This will not exclude you from being in the Explorer program in any way **unless your venture has raised more than 500.000. Dhs in equity funding**.

The Reviewer Panel and Funding Board reserve the right to disqualify any entry that in its judgment violates the letter

or the spirit of the guidelines, processes and rules of the Venture Explorer Innovation Fund Program.

**Responses Selected:**

Yes, I agree with the above terms

**Confirm All Team Members Are Added**

Completed - Aug 7 2023

**Confirmation of Team Members (Collaborators) Form**

This is to certify that all team members have been added and have filled out their biographical information.

**1. All team members have been added as collaborators on this application (see "Add collaborator" button on this application's main page).**

Click on "Back to application" to see add collaborators button

**Responses Selected:**

Yes

**\*\*\*\*Each team member should have their own SurveyMonkey account \*\*\*\***

**2. All team members are committed to logging into their own Explorer SurveyMonkey account (not the account of the person submitting the application), and filling out their profile. This is a very important commitment. Please make sure all team members are going to do this step.**

**Responses Selected:**

Yes

**Explorer Innovation Fund Application**

Completed - Aug 28 2023

**Explorer Innovation Fund Application Form**

Please fill out **all required information before** submitting your application. If this is a continuation application, some of your previous entries are listed. Please make sure to update where necessary.

**NOTE:** University Staff are only eligible to *participate* in a Team; the Team **must be led** by a student, researcher or post-doc. The lead should submit the Team application and include the university staff member as a “Collaborator” only.

## Category Selection

### 1. Please select the level of funding you are applying for:

Explorer Innovation Fund Between 50.000 - 250.000 Dhs

## Terms and Conditions

### 1. Terms and Conditions

#### 1.1 Program Timeline

Applications deadline: February 27th, 2026

Cohort active: March 2026 - June 2026

#### **Responses Selected:**

I agree to the program timeline

## 1.2 Explorer Participation Guidelines:

I have read and understood the Explorer Participation Guidelines and by choosing yes below I agree and certify that I will abide by the Explorer Participation Guidelines and I will **ensure that my team will also abide** by the Explorer Participation Guidelines. The Explorer Participation Guidelines can be found at the link below:

## [Click Here to see Explorer Participation Guidelines](#)

Responses Selected:

Yes

Project/Company Information

## 2. Project/Company/Team Information

### 2.1 Company/Project/Team Name

AGRISOLUTIONS

### 2.2 If your company/team name has changed since you first applied to Explorer, list any previous names

NONE

### 2.3 How many people are on your team?

(Please include yourself in the count. It's OK if the answer is 1)

5

## [2.4 Provide a URL to your project/company website if you have one](#)

(No response)

## [2.5 Upload your team/company logo](#)

This helps you be more memorable when we share your information with our sponsors. We encourage you to upload an image that represents your company if you have one.

[1679844925295.jpg](#)

**Filename:** 1679844925295.jpg.jpg **Size:** 1.8 kB

## [2.6 Select up to three keywords that apply to your business venture.](#)

Please place them in order of relevance where 1 is the most relevant. Please drag the numbers 1, 2 and 3 on the relevant areas. If you do not make any selections, this will impact the ability of the reviewers to review your application.

if you can't drag the numbers, then make sure you are using a laptop or contact [explorer@um6pventures.com](mailto:explorer@um6pventures.com) for help

1	Agriculture
2	Environment
3	Software

Please confirm that you have made ALL three area selections above.

### **Responses Selected:**

I have made all three selections

## 2.7 Proposed business model

B2C (Business to Consumer)

## 2.8 Target Market

### Responses Selected:

Morocco

Africa

## 2.9.a Did your idea come out of your institutions research or project (e.g. your thesis)?

If yes, you will need to get sign-off from the UM6P Technology Transfer Office (TTO) or your organization. Please contact the Explorer office if you have any questions.

No

## Proposal Details

# 3. Proposal Details

**Well thought out and written descriptions, in English, of the items below. One liner/sentence descriptions, or incoherent descriptions will result in immediate rejection of the application. Please make sure to put clear thought in your writing and run it by colleague(s) and/or mentor(s) beforehand.**

## 3.1 Problem/Need Addressed by Technology

(150 word maximum)

The agricultural industry faces challenges of optimizing land productivity and health while minimizing waste. Inefficient resource utilization, lack of real-time data insights, and traditional practices hinder farmers' ability to make informed decisions. This results in reduced yields and environmental impact. Agrisolutions aims to address these issues by providing a comprehensive AI-powered platform. This platform leverages drone-based data collection and AI algorithms to analyze land conditions, offer personalized recommendations, and promote sustainable practices. Agrisolutions seeks to revolutionize agriculture, empowering farmers to maximize productivity, conserve resources, and foster a more resilient and efficient agricultural ecosystem.

## 3.2 Proposed Solution

Provide a description of your proposed solution (150 word maximum)

Agrisolutions offers an innovative solution by integrating AI technology and drone-based data collection. Our platform processes real-time data to assess land health, crop conditions, and resource usage. AI algorithms analyze this data to generate personalized recommendations, including optimal irrigation and fertilization strategies. This empowers farmers to make data-driven decisions, enhance land productivity, and minimize environmental impact. Through a user-friendly online interface, farmers gain access to actionable insights, historical data trends, and collaboration tools. By harnessing the power of AI and drones, Agrisolutions revolutionizes agricultural practices, enabling sustainable growth, efficient resource management, and stronger agricultural communities.

### 3.3 Who is Your Competition?

Companies, Products and/or Technologies (150 word maximum)

The Fertimap platform offers solutions to farmers to help them improve their yields; however, these solutions only focus on the chemical characteristics of the soils.

The startup PCS Agri employs a similar process to Agrisultions, but the service it offers is yield estimation rather than advice for yield development.

Morshida (by Deepleaf) is an AI chatbot that utilizes artificial intelligence to assist farmers in identifying plant diseases for proper treatment.

### 3.4 Describe your team and your team's strengths.

It is strongly recommended that you have at least one teammate (Group size of 2 or more). Please note: all teammates listed here should also be listed on the members section of the application home page (150 word maximum)

Me As the founder, my strong understanding of agriculture gained from my involvement in our family business in agriculture, coupled with my background in chemistry and quality management within the OCP Group, enables me to identify sector challenges and propose relevant solutions.

Rime HDIOUD, holding a degree in entrepreneurship and innovation, shapes our business plan and financial strategy.

Khadija ZAKARI, an agronomy specialist, conducts research to define optimal conditions for each crop on our platform.

El Hassan LAGHMICH, aerospace engineer, drone and technology expert, leads data collection using sensors and drones in our comprehensive solution.

Laarbi BENALLA, full-stack web developer, oversees our platform where collected data transforms into customized recommendations and action plans for farmers.

### 3.5 What do you hope to gain from participation in Explorer?

What are your goals and what do you hope to achieve with Explorer funds and resources? (150 word maximum)

Participating in Explorer offers a remarkable opportunity to deepen my understanding of entrepreneurship, business strategies, and financial dynamics. I aim to absorb invaluable knowledge from industry experts, hone my startup's vision and execution strategies, and network with fellow innovators. The prospect of gaining funding through this competition aligns perfectly with my startup's growth aspirations, enabling us to materialize our vision, scale our impact, and contribute significantly to the agricultural sector. Explorer's platform holds the potential to propel our startup to new heights, fostering innovation, collaboration, and long-term success.

### 3.6 Do you plan to use any of your funds as for a summer stipend ?

- Up to two team members can request up to 2.000 Dhs/Month for a maximum of three months during the summer
- Only Students are eligible and will be employed as interns with UM6P
- The team members **MUST** be planning on making working on the project their highest priority during the summer.
- Potential interns **MUST** have authorization from their academic departments to allow them to take an internship during the summer
- Team will have to make a presentation to Explorer to justify the request
- **If you plan to request a stipend it should be clearly INCLUDED and JUSTIFIED in your budget. Separate line items should be included for each student requesting a stipend. (On Explorer Team Budget Plan)**

Yes

### 3.7 Do you plan to use any of your funds for international travel?

We encourage teams to find other sources of funds for international travel. However, if you do plan to use Explorer funds for international travel, please list all of the travel details below, including travelers, destination, and estimated cost.

We follow all UM6P policies.

No

### 3.8 Team build-out

If you are looking to augment your team, please describe what you are looking for and how you plan to do it. (150 word maximum)

we have the sufficient members for the moment

### 3.9 High-level business plan and path to market

Describe how you plan to make money and what your path to market is, i.e. how you plan to engage with customers in the next 3 to 6 months. If you don't know yet, state that this is something you are looking for help with (150 word maximum)

Our target market encompasses three key segments. Firstly, a broad macroeconomic market, including businesses dependent on agricultural raw materials (COSUMAR, ITQAN...). We also target the 2.4 million Moroccan farmers suffering from poverty (HCP source), offering personalized solutions to their diverse needs. Furthermore, our scope extends to investors eager to engage in the expanding agricultural sector. This diversity of audiences reflects our commitment to transforming the entire agricultural ecosystem, thus solidifying AGISOLUTIONS' position as a catalyst for change and innovation.

## 3.10 Track record for the project or team

If this is a brand new project, say N/A, otherwise please let us know what progress you have made either as part of Explorer or outside (150 word maximum)

Our journey as an agritech startup began with a market study where we engaged with potential customers such as farmers and companies. During these interactions, we discussed the problems they encounter and how our idea could be a game-changer. Following this, we devised the project by setting modest milestones. This allowed us to independently analyze each stage of the idea, ranging from data collection to generating recommendations. Presently, we're still in the research phase, actively seeking the optimal conditions for each yield. Additionally, we're planning to collaborate with two startups in Israel and the Netherlands, integrating their technologies into our startup. This partnership will contribute to water efficiency and waste reduction. Concurrently, we are exploring funding opportunities to initiate the development of our prototype.

## 3.11 Please upload your business pitch here (slides only in PDF format). If you are asking for over 25.000 Dhs of funding, this is a mandatory field for consideration. It is optional otherwise.

**(if you do not have a business pitch, you should not be applying for over 25,000 Dhs. Remember you can apply for no funding in your first cohort and work with your mentors on your business pitch)**

[AGRISOLUTIONS.pdf](#)

**Filename:** AGRISOLUTIONS.pdf.pdf **Size:** 537.4 kB

One Page Pitch

## 4. One Page Pitch

## 4.1 Information Release

The responses in this section are for public use. We will be sharing these with sponsors and potentially the general public. Make sure that you are comfortable sharing whatever you include here.

### Responses Selected:

I give permission for the information below and the personal information (Name, Email address, Phone number) to be shared publicly

## 4.2 Value Proposition

Limit your response to 20 words

AI-driven insights and drone-enabled data collection empower farmers to optimize productivity, conserve resources, and foster sustainable growth, revolutionizing modern agriculture.

## 4.3 Problem Addressed

Limit your response to 50 words

Inefficient agricultural practices hinder productivity, waste resources, and limit sustainable growth, necessitating a transformative solution.

## 4.4 Proposed Solution

Limit your response to 50 words

Agrisolutions introduces AI-powered data analysis and drone technology, offering real-time insights and personalized recommendations, revolutionizing farming practices for optimal productivity and sustainability.

## Funding Details

# 5. Funding Details

## 5.1.a Have you received Explorer funds for this venture idea in the past?

No

## 5.2 Current Funding Request (This proposal only, must match your budget)

Please enter numerals only. Do not add any symbols or punctuation. Amount must be in Dhs.

**This amount should include your remaining funds from previous cohorts (Question 5.1a - 5.1b). For example, if you were awarded 20000 Dhs previously (5.1a) and you have spent previously 8000 Dhs (5.1b) AND for this cohort you are asking for an additional 15000 Dhs, then the answer to this question is  $(20000 - 8000) + 15000 = 27000$  Dhs. This amount should be in your budget that you will fill out.**

88350

## 5.3 Potential Cumulative Explorer Funding

88350.0 Dhs

## 5.4 Have you received, or are you concurrently applying for additional sources of funding?

Explorer teams may have up to 500.000 Dhs in prior investment funding and concurrent investment funding to be eligible for participation. Please list all sources of funding you have received, including prior Explorer funds (if any) and any other funds on or off campus.

Please note: if you are concurrently applying for other sources of funding, please notify us at when you receive the funding decision.

No

## 5.5 Other Funding

	Funding Source	Name of Funding Source	Amount (Dhs)	Status	Click to add additional source
1					<b>X</b>
2					<b>X</b>
3					<b>X</b>
4					<b>X</b>
5					<b>X</b>
6					<b>X</b>
7					<b>X</b>
8					<b>X</b>
9					<b>X</b>
10					<b>X</b>

### Explorer Team Budget Plan

Completed - Aug 28 2023

### Explorer Team Budget Plan Form

## [Explorer Team Budget Plan](#)

Team ID: ExID-23F-9094512358

Team Name: Zeraatech AGRISOLUTIONS

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1. If you do not have a budget and are applying for mentoring only and need help with creating a financial plan please click the appropriate box below (you will not be required for fill out a budget).

**Responses Selected:**

I want to submit a budget

## 2. Software

	Short Description	Amount (MAD)	Click to add item
1	Plateform that uses AI and data analysis tools	15000	<b>X</b>
2		0	<b>X</b>
3		0	<b>X</b>
4		0	<b>X</b>
5		0	<b>X</b>
6		0	<b>X</b>
7		0	<b>X</b>
8		0	<b>X</b>
9		0	<b>X</b>
10		0	<b>X</b>

**Software Total: 15000.0**

### 3. Hardware

	Short Description	Amount (MAD)	Click to add item
1	Heat and humidity captor	396	✓
2	Soil moisture captor	1495	✗
3	Soil moisture captor	1495	✗
4	Soil moisture captor	1495	✗
5	Soil moisture captor	1469	✗
6		0	✗
7		0	✗
8		0	✗
9		0	✗
10		0	✗

**Hardware Total: 6350.0**

## 4. Web/App Development

	Short Description	Amount (MAD)	Click to add item
1	Included in the software part	0	<b>X</b>
2		0	<b>X</b>
3		0	<b>X</b>
4		0	<b>X</b>
5		0	<b>X</b>
6		0	<b>X</b>
7		0	<b>X</b>
8		0	<b>X</b>
9		0	<b>X</b>
10		0	<b>X</b>

**Web/App Development Total: 0.0**

# 5. Materials and Services

	Short Description	Amount (MAD)	Click to add item
1			X
2			X
3		0	X
4		0	X
5		0	X
6		0	X
7		0	X
8		0	X
9		0	X
10		0	X

**Materials and Services Total: 0.0**

## 6. Advertising and Marketing

	Short Description	Amount (MAD)	Click to add item
1	participation in events/fairs	15000	✘
2		0	✘
3		0	✘
4		0	✘
5		0	✘
6		0	✘
7		0	✘
8		0	✘
9		0	✘
10		0	✘

**Advertising and Marketing Total: 15000.0**

## 7. Travel

	Short Description	Amount (MAD)	Click to add item
1	Once a week for 6 months to farms in casa-settat farms	52000	<b>X</b>
2		0	<b>X</b>
3		0	<b>X</b>
4		0	<b>X</b>
5		0	<b>X</b>
6		0	<b>X</b>
7		0	<b>X</b>
8		0	<b>X</b>
9		0	<b>X</b>
10		0	<b>X</b>

**Travel Total: 52000.0**

## 8. Other Expenses

(list stipend requests here if you are requesting any, see question 3.6 on the application)

	Short Description	Amount (MAD)	Click to add item
1		0	X
2		0	X
3		0	X
4		0	X
5		0	X
6		0	X
7		0	X
8		0	X
9		0	X
10		0	X

**Other Expenses Total: 0.0**

**Project Total: 88350.0**

In section 5.2 of your application form, you said your funding request was: 50000 (continuing team) or 88350 (new team) - as a reminder, this number must match the Project Total above. By selecting [Mark as Complete](#), you confirm these numbers match.

**IF THE NUMBERS DO NOT MATCH, THIS WILL RESULT IN YOUR BUDGET NOT BEING APPROVED.**

## Explorer Self-Assessment and Continuation Plan

Completed - Feb 19 2026

If this is your first cohort, see instructions [HERE](#).

If this is NOT your first cohort, see instructions [HERE](#).

## Explorer Continuation Application and Self-Assessment Form

Please fill out all required fields before submitting your self-assessment.

### Self-Assessment

## Team Information

Team ID: ExID-23F-9094512358

Team Name: AGRISOLUTIONS

Team Members: Yacer Manyani Salah eddine ElAbbassi, Souhaib Shhit, Haytham AHMIANI, Wissal Mouchtari

Team Members Emails: yasrmnyany@gmail.com salah.eddine.seecs@gmail.com, souhaibshhit@gmail.com, haytham.ahmiani@uit.ac.ma, Mouchtariwissal71@gmail.com

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## General Explorer Participation

Please answer these on behalf of your entire team.

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**1. Did you change team members during the cohort (added or deleted team members)?**

Yes

## 2. How often has your team met with your mentor(s)?

Over 4

## 3. If you have not met with your mentors(s), please explain why?

(No response)

## 4. Has your team found your Explorer mentor(s) to be beneficial?

Very much

## 5. What is the one thing (ONLY ONE please) you found most helpful about your mentor(s)?

strategic instructions

## 6. What is the one thing (ONLY ONE please) that you would like to change about your mentor(s)?

N/A

**7. How many unique workshops/webinars/pitch-a-thons offered by Explorer did your team attend (if two or more attended the same one, count it as 1)?**

8 or more

**8. Did your team find the Explorer workshops/Webinars helpful?**

Yes

**9. Did you use the Explorer Expert office hours and if so, did you find them helpful?**

Yes, we found them very helpful

## **Team Progress**

Please tell us about your progress and achievements.

These questions are merely key milestones in the commercialization activities and our objective is to understand where you are in that process.

Entrepreneurship is not linear and every idea/company needs to focus on what is most important/critical with regards to the technology and market development.

## 10. Did you have a major pivot?

Yes

## 11. Please describe the nature of the pivot in 500 characters or less.

Through Explore, we pivoted from technical development to customer-centricity. Initially, we focused solely on tech plans, neglecting crucial customer discovery. Now, we're learning how to ask the right questions, understand the market, analyze competitors, and identify our unique value proposition. Key to our action plan is combining existing technical work with customer feedback through agile project management.

## 12. What would you say is your team's major challenge?

Customer Discovery

## 13. Is your current value proposition still valid?

AI-driven insights and drone-enabled data collection empower farmers to optimize productivity, conserve resources, and foster sustainable growth, revolutionizing modern agriculture.

No, please revise (200 characters or less): greenhouses using AI, machine learning, and surveillance cameras. It focuses on disease management, irrigation, and fertilization.

## 14. How many times did you revise your Lean Business Model Canvas AND share those revisions with your mentor(s)?

2

## 15. How much primary market research have you completed?

A moderate amount

## 16. Do you have well defined customer segments?

Somewhat

## 17. Have you identified an initial target market or customer type?

Yes

## 18. Have you identified an early adopter?

Yes, and they have committed to try our solution (e.g. pilot customer or letter of intent)

## 19. Do you have an estimate of the size of your initial market?

25000000

## 20. Do you have an estimate of the total addressable market for your product/solution?

1000000

**21. How many prospective customers has your team interviewed by phone or in person?**

Over 50

**22. Have you run online or written customer surveys and/or focus groups and if so how many responses have you received?**

1-100

**23. Do you have a working prototype (e.g. MVP)?**

Yes

**24. Do you have paying users/customers?**

No

**25. Is your idea patentable?**

Yes, and we have not filed yet

**26. What core skills does your team still need to develop the technology?**

We are currently recruiting

## 27. Are there any other achievements you would like to share (e.g. revenue, partnerships, licensing deals, etc.)?

We have been the only Moroccan startup selected for the HEC paris africa Challenge.

### 27.1 In the past cohort (or any previous cohorts) have you put in a request to Explorer to spend some or all of you allocated funding (regardless if it was allowed or not)?

No. Please elaborate on why you chose not use your funding this cohort (e.g. startup too early? Mentors advised you to wait? Didn't have time? Pivoted?): we have other funding sources we want to keep exploree funding for the cutmer descovy only

## 28. Do you have a pitch deck? (if so, please include a link to it here)

Yes, please specify URL

## 29. Do you have a website? (if so, please include a link to it here)

No

# Next Cohort Plans

Please tell us about your plans for the next cohort.

## 30. What are your plans for Explorer in the next cohort?

Reapply for next Cohort and continue with a request for additional funding

## 31. Will your team meet the eligibility criteria (i.e. at least one member of the team has to be a full-time student, researcher or post-doc at UB/ BIUST) ?

**NOTE:** Due to UM6P policies, Explorer no longer accepts eligibility from staff (only students, researchers and post-docs). If you are a continuing team, you may continue filling this application, but you no longer are able to request additional funding. Please contact [explorer@um6pventures.com](mailto:explorer@um6pventures.com) with any questions. Note that a staff member can be on a team where the main applicant is a student, researcher or post-doc from an eligible institution.

haytham ahmiani

### Continuation Explorer Innovation Fund Application

Completed - Feb 19 2026

## Explorer Innovation Fund Application Form

Please fill out **all required information before** submitting your application. If this is a continuation application, some of your previous entries are listed. Please make sure to update where necessary.

**NOTE:** University Staff are only eligible to *participate* in a Team; the Team **must be led** by a student, researcher or post-doc. The lead should submit the Team application and include the university staff member as a "Collaborator" only.

### Category Selection

## 1. Please select the level of funding you are applying for:

Explorer Innovation Fund Between 0 - 50.000 Dhs

### Terms and Conditions

# 1. Terms and Conditions

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## 1.1 Program Timeline

Applications deadline: February 27th, 2026

Cohort active: March 2026 - June 2026

### **Responses Selected:**

I agree to the program timeline

## 1.2 Explorer Participation Guidelines:

I have read and understood the Explorer Participation Guidelines and by choosing yes below I agree and certify that I will abide by the Explorer Participation Guidelines and I will **ensure that my team will also abide** by the Explorer Participation Guidelines. The Explorer Participation Guidelines can be found at the link below:

## [Click Here to see Explorer Participation Guidelines](#)

### **Responses Selected:**

Yes

## Project/Company Information

# 2. Project/Company/Team Information

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## 2.1 Company/Project/Team Name

Zeraatech

## 2.2 If your company/team name has changed since you first applied to Explorer, list any previous names

Agrisolutions

## 2.3 How many people are on your team?

(Please include yourself in the count. It's OK if the answer is 1)

6

## 2.4 Provide a URL to your project/company website if you have one

(No response)

## 2.5 Upload your team/company logo

This helps you be more memorable when we share your information with our sponsors. We encourage you to upload an image that represents your company if you have one.

## 2.6 Select up to three keywords that apply to your business venture.

Please place them in order of relevance where 1 is the most relevant. Please drag the numbers 1, 2 and 3 on the relevant areas. If you do not make any selections, this will impact the ability of the reviewers to review your application.

if you can't drag the numbers, then make sure you are using a laptop or contact [explorer@um6pventures.com](mailto:explorer@um6pventures.com) for help

1	Agriculture
2	Environment
3	Software

Please confirm that you have made ALL three area selections above.

### **Responses Selected:**

I have made all three selections

## 2.7 Proposed business model

B2B2C (Business to Business to Consumer)

## 2.8 Target Market

### **Responses Selected:**

Morocco

Africa

## 2.9.a Did your idea come out of your institutions research or project (e.g. your thesis)?

If yes, you will need to get sign-off from the UM6P Technology Transfer Office (TTO) or your organization. Please contact the Explorer office if you have any questions.

No

### Proposal Details

## 3. Proposal Details

**Well thought out and written descriptions, in English, of the items below. One liner/sentence descriptions, or incoherent descriptions will result in immediate rejection of the application. Please make sure to put clear thought in your writing and run it by colleague(s) and/or mentor(s) beforehand.**

### 3.1 Problem/Need Addressed by Technology

(150 word maximum)

Tomato cultivation in Morocco faces severe challenges due to the prevalence of plant diseases and pests, leading to significant crop losses and economic burdens for farmers. Approximately 80,000 tonnes of tomatoes are lost annually, resulting in a financial loss of 400 million MAD. In addition to the economic impact, these issues contribute to 10% of the carbon footprint in tomato farming, further exacerbating environmental concerns. Traditional methods of disease and pest detection are often reactive, time-consuming, and resource-intensive. Farmers typically identify problems too late, resulting in the need for excessive use of chemical treatments, which can harm the environment and increase production costs. This inefficient approach not only leads to substantial crop losses but also creates a dependency on chemical inputs, negatively impacting soil health and surrounding ecosystems.

## 3.2 Proposed Solution

Provide a description of your proposed solution (150 word maximum)

Agrisolutions addresses this critical need by providing a proactive, technology-driven solution that leverages artificial intelligence (AI) and surveillance cameras for early detection of diseases and pests in greenhouses. By enabling continuous (24/7) monitoring and precise detection, Agrisolutions allows farmers to identify and address issues before they escalate, reducing the need for chemical treatments and lowering agricultural input costs. This early intervention capability also leads to a significant reduction in crop losses, contributing to more sustainable and profitable farming practices. By integrating AI, automation, and smart analytics, Agrisolutions shifts greenhouse farming from a reactive to a proactive model, empowering growers with data-driven decision-making and ensuring healthier crops, lower costs, and higher sustainability.

We successfully conducted a customer discovery in different regions of Morocco and the results are promising meanwhile we are still treating these data and we are going to study it more during the second phase.

## 3.3 Who is Your Competition?

Companies, Products and/or Technologies (150 word maximum)

Agrisolutions operates in a competitive landscape where several companies and technologies aim to improve agricultural practices, particularly in the area of disease detection and pest management in greenhouses. Key competitors include:

- Traditional Agricultural Solutions Providers
- AI and IoT-Based Agricultural Technologies:
- Greenhouse Automation Systems:

companies :

Taranis -

Prospera Technologies -

FarmSense -

CropX -

Sentera -

Netafim -

### 3.4 Describe your team and your team's strengths.

It is strongly recommended that you have at least one teammate (Group size of 2 or more). Please note: all teammates listed here should also be listed on the members section of the application home page (150 word maximum)

Me As the founder, my strong understanding of agriculture gained from my involvement in our family business in agriculture, coupled with my background in chemistry and quality management within the OCP Group, enables me to identify sector challenges and propose relevant solutions.

hind sahir , holding a degree in agribusiness and innovation, shapes our business plan and financial strategy.  
hanaa karam , an agronomy specialist, conducts research to define optimal conditions for each crop on our platform.

yasser moumni, full-stack web developer, oversees our platform where collected data transforms into customized recommendations and action plans for farmers.

salah eddine el abbass. robotic engineer

### 3.5 What do you hope to gain from participation in Explorer?

What are your goals and what do you hope to achieve with Explorer funds and resources? (150 word maximum)

Participating in Explorer offers a remarkable opportunity to deepen my understanding of entrepreneurship, business strategies, and financial dynamics. I aim to absorb invaluable knowledge from industry experts, hone my startup's vision and execution strategies, and network with fellow innovators. The prospect of gaining funding through this competition aligns perfectly with my startup's growth aspirations, enabling us to materialize our vision, scale our impact, and contribute significantly to the agricultural sector. Explorer's platform holds the potential to propel our startup to new heights, fostering innovation, collaboration, and long-term success.

### 3.6 Do you plan to use any of your funds as for a summer stipend ?

- Up to two team members can request up to 2.000 Dhs/Month for a maximum of three months during the summer
- Only Students are eligible and will be employed as interns with UM6P
- The team members **MUST** be planning on making working on the project their highest priority during the summer.
- Potential interns **MUST** have authorization from their academic departments to allow them to take an internship during the summer
- Team will have to make a presentation to Explorer to justify the request
- **If you plan to request a stipend it should be clearly INCLUDED and JUSTIFIED in your budget. Separate line items should be included for each student requesting a stipend. (On Explorer Team Budget Plan)**

Yes

### 3.7 Do you plan to use any of your funds for international travel?

We encourage teams to find other sources of funds for international travel. However, if you do plan to use Explorer funds for international travel, please list all of the travel details below, including travelers, destination, and estimated cost.

We follow all UM6P policies.

Yes

### 3.7a Please list all of the travel details below, including travelers, destination, and estimated cost.

Weekly trip from Casablanca to Souss-Massa region:

Destination: Souss-Massa region (specific location not provided)

Frequency: Weekly

Estimated cost per traveler: 500 MAD

Administrative and research trip from Casablanca to Rabat:

Destination: Rabat

Frequency: As needed for administrative and research purposes (frequency not specified)

Estimated cost per traveler: 120 MAD

## One Page Pitch

# 4. One Page Pitch

## 4.1 Information Release

The responses in this section are for public use. We will be sharing these with sponsors and potentially the general public. Make sure that you are comfortable sharing whatever you include here.

### Responses Selected:

I give permission for the information below and the personal information (Name, Email address, Phone number) to be shared publicly

## 4.2 Value Proposition

Limit your response to 20 words

Agrisolutions provides early AI-driven disease detection, reducing crop losses, lowering input costs, and promoting sustainable tomato farming.

## 4.3 Problem Addressed

Limit your response to 50 words

the challenge of significant crop losses in tomato farming caused by plant diseases and pests. Traditional detection methods are slow and inefficient, leading to high economic losses and environmental harm. Agrisolutions offers a proactive solution using AI and surveillance technology for early, accurate disease and pest detection in greenhouses.

## 4.4 Proposed Solution

Limit your response to 50 words

Agrisolutions offers an AI-driven solution with surveillance cameras for continuous monitoring in greenhouses, detecting plant diseases and pests early. This technology enables farmers to respond quickly, reducing crop losses, chemical use, and input costs. The system promotes sustainable farming practices while enhancing the efficiency and profitability of tomato cultivation.

## Funding Details

# 5. Funding Details

## **5.1.a Have you received Explorer funds for this venture idea in the past?**

Yes

Total Amount (in Dhs).

This is the total amount you have been awarded so far for this project by Explorer in all previous cohorts regardless if you have spent any of it or not.

25000

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### 5.1.b How much did you spend already?

Please enter numerals only. Do not add any symbols or punctuation. Amount must be in Dhs.

**This amount is the total that you have already spent or has already been approved for spending by Explorer. For example, if you have already spent 5000 Dhs and Explorer has approved a purchasing request for 2000 Dhs, then this box should contain 7000 Dhs.**

0

---

### 5.2 Current Funding Request (This proposal only, must match your budget)

Please enter numerals only. Do not add any symbols or punctuation. Amount must be in Dhs.

**This amount should include your remaining funds from previous cohorts (Question 5.1a - 5.1b). For example, if you were awarded 20000 Dhs previously (5.1a) and you have spent previously 8000 Dhs (5.1b) AND for this cohort you are asking for an additional 15000 Dhs, then the answer to this question is  $(20000 - 8000) + 15000 = 27000$  Dhs. This amount should be in your budget that you will fill out.**

50000

## 5.3 Potential Cumulative Explorer Funding

50000.0 Dhs

### 5.4 Have you received, or are you concurrently applying for additional sources of funding?

Explorer teams may have up to 500.000 Dhs in prior investment funding and concurrent investment funding to be eligible for participation. Please list all sources of funding you have received, including prior Explorer funds (if any) and any other funds on or off campus.

Please note: if you are concurrently applying for other sources of funding, please notify us at when you receive the funding decision.

Yes

## 5.5 Other Funding

	Funding Source	Name of Funding Source	Amount (Dhs)	Status	Click to add additional source
1	Competition	HSBC bank	100000	Active	✓
2	Friends/Family	Bootstraping	250000	Received and spent	✓
3	Government	Forsa	250000	Pending	✓
4	Other	hestim	30000	Pending	✗
5					✗
6					✗
7					✗
8					✗
9					✗
10					✗

# Continuation Explorer Team Budget Plan

Completed - Feb 19 2026

## Explorer Team Budget Plan Form

# Explorer Team Budget Plan

Team ID: ExID-23F-9094512358

Team Name: Zeraatech AGRISOLUTIONS

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**1. If you do not have a budget and are applying for mentoring only and need help with creating a financial plan please click the appropriate box below (you will not be required for fill out a budget).**

**Responses Selected:**

I want to submit a budget

## 2. Software

	Short Description	Amount (MAD)	Click to add item
1	Plateform that uses AI and data analysis tools	5000	✘
2		0	✘
3		0	✘
4		0	✘
5		0	✘
6		0	✘
7		0	✘
8		0	✘
9		0	✘
10		0	✘

**Software Total: 5000.0**

### 3. Hardware

	Short Description	Amount (MAD)	Click to add item
1	SRV Cameras	9000	✘
2	Soil moisture captor	1000	✔
3			✘
4	NPK sensor components	3000	✘
5	Soil moisture captor	1469	✘
6		0	✘
7		0	✘
8		0	✘
9		0	✘
10		0	✘

**Hardware Total: 14469.0**

## 4. Web/App Development

	Short Description	Amount (MAD)	Click to add item
1	building database	4000	✘
2		0	✘
3		0	✘
4		0	✘
5		0	✘
6		0	✘
7		0	✘
8		0	✘
9		0	✘
10		0	✘

**Web/App Development Total: 4000.0**

## 5. Materials and Services

	Short Description	Amount (MAD)	Click to add item
1	lawyer / consulting	2000	✓
2	Intellectual property documentation	800	✓
3	expert demo review	10000	✗
4		0	✗
5		0	✗
6		0	✗
7		0	✗
8		0	✗
9		0	✗
10		0	✗

**Materials and Services Total: 12800.0**

## 6. Advertising and Marketing

	Short Description	Amount (MAD)	Click to add item
1	participation in events/fairs	2000	✘
2		0	✘
3		0	✘
4		0	✘
5		0	✘
6		0	✘
7		0	✘
8		0	✘
9		0	✘
10		0	✘

**Advertising and Marketing Total: 2000.0**

## 7. Travel

	Short Description	Amount (MAD)	Click to add item
1	from casa to souss massa region / rabat	11731	✘
2		0	✘
3		0	✘
4		0	✘
5		0	✘
6		0	✘
7		0	✘
8		0	✘
9		0	✘
10		0	✘

**Travel Total: 11731.0**

## 8. Other Expenses

(list stipend requests here if you are requesting any, see question 3.6 on the application)

	Short Description	Amount (MAD)	Click to add item
1		0	X
2		0	X
3		0	X
4		0	X
5		0	X
6		0	X
7		0	X
8		0	X
9		0	X
10		0	X

**Other Expenses Total: 0.0**

**Project Total: 50000.0**

In section 5.2 of your application form, you said your funding request was: 50000 (continuing team) or 88350 (new team) - as a reminder, this number must match the Project Total above. By selecting [Mark as Complete](#), you confirm these numbers match.

**IF THE NUMBERS DO NOT MATCH, THIS WILL RESULT IN YOUR BUDGET NOT BEING APPROVED.**

**S26 Continuing Funding Board Review (Continuing Teams) for: Marwan Hassoun**

Completed - Mar 22 2026  
Score: 29% (2/7)

**F25 Continuing Funding Board**

**FUNDING BOARD MEMBER (your name):** Marwan Hassoun

**email:** marwan.hassoun@outlook.com

---

**Team ID:** ExID-23F-9094512358

**Team Name:** Zeraatech

**Applicant:** Yacer Manyani

**Team Members:** Salah eddine El Abbassi, Souhaib Shhit, Haytham AHMIANI, Wissal Mouchtari

**Value Proposition:** Agrisolutions provides early AI-driven disease detection, reducing crop losses, lowering input costs, and promoting sustainable tomato farming.

**Problem Addressed:** the challenge of significant crop losses in tomato farming caused by plant diseases and pests. Traditional detection methods are slow and inefficient, leading to high economic losses and environmental harm. Agrisolutions offers a proactive solution using AI and surveillance technology for early, accurate disease and pest detection in greenhouses.

**Proposed Solution:** Agrisolutions offers an AI-driven solution with surveillance cameras for continuous monitoring in greenhouses, detecting plant diseases and pests early. This technology enables farmers to respond quickly, reducing crop losses, chemical use, and input costs. The system promotes sustainable farming practices while enhancing the efficiency and profitability of tomato cultivation.

**Project Total:**

**PREVIOUS FUNDING VALUES:**

F20 Funding Decision:

S21 Funding Decision:

F21 Funding Decision:

F21 Amount Spent :

F21 Amount Approved BUT NOT Spent :

S22 Funding Decision:

S22 Amount Spent :

S22 Amount Approved BUT NOT Spent :

F22 Funding decision :

F22 Amount Spent :

F22 Amount Approved BUT NOT Spent :

S23 Funding decision : 25000

S23 Amount Spent : 0

S23 Amount Approved BUT NOT Spent : 0

F23 Funding decision (Custom Awarded Amount) : 25000

F23 Amount Spent :

F23 Amount Approved BUT NOT Spent :

S24 Funding decision (Custom Awarded Amount) : 25000

S24 Amount Spent : 3000

S24 Amount Approved BUT NOT Spent :

F24 Custom Awarded amount : 25000

S25 Custom Awarded amount : 35000

F25 Custom Awarded amount : 50000

**MENTOR REVIEWERS RECOMMENDED AMOUNT(S) AND JUSTIFICATION:**

F25 Mentors :

- Jeff Meller

F25-->S26 Mentor Continuation Feedback (External):

- NA

F25-->S26 Mentor Continuation Feedback (Internal):

- NA

F25-->S26 [Mentor Continuation More Funding \(Did the team present a 5-minute pitch to you?\):](#)

- No

F25-->S26 [Mentor Recommended Funding \(If they request more funding would you support their request?\) :](#)

- No

F25-->S26 [Mentor Continuation Pitch to FB \(over 50K\) \(Do you think they are ready to pitch to the Funding Board for a cumulative amount over 50.000 Dhs?\):](#)

- No

F25-->S26 Has the team shared with you/presented/achieved these mile stones (NOTE IF YOU SEE THE SESSION MENTIONED THAT MEANS MENTOR INDICATED THAT THEY ACHEIVED THAT MILESTONE, IGNORE THE "?"):

- Session 3 deliverable - Conducted customer interviews ?

<>

Invite to Mock Funding Board?

YES

**RECOMMENDED FUNDING LEVEL:**

**Requested Amount : 50000**

50000

**Internal Feedback (if any, to EXPLORER Administration):**

While Jeff says NO, their funding is at 50000 from previous cohort so they MUST give an update to the MFB.

Keep in Group Format?

(No response)

**External Feedback (TO CANDIDATES):**

(Use external feedback from mentors included above to fill out plus add any specific additional comments regarding budget and/or slides submitted)

- Your budget needs clarification and we are unable to understand some entries (e.g. "from casa to souss massa region / rabat" for 11731"). Please make sure to follow the guidelines. Another example is "Participation in events/fairs", for what reason? "expert demo review" for 10000, for what? Make sure to review your budget with your mentors.
- Your self-assessment and continuation applications does not have a pitch.
- You need to pitch to the Mock Funding Board to justify your funding request.

## Accept Funding Form

Completed - Apr 18 2025

Please answer all the questions to accept to participate in the Explorer program.

## Participation Acceptance

**Please review Explorer Guidelines [here](#) before**

**submitting this form.**

## Explorer Guidelines, Participation & Award Acceptance

### 0.1 Team Name

(Do not change your team name here. If the name is incorrect, contact [explorer@um6pventures.com](mailto:explorer@um6pventures.com) to change your team name).

AGRISOLUTIONS

### 0.2 Your Name

Yacer Manyani

## 1.0 **Every member** of your team is committed to attending the Explorer Kickoff Session (April 10th, 6pm Morocco Time) ?

**Instructions:** All participants (**every team member**) in Explorer **are required** to attend the kickoff session.

Yes

## 2.0 EXPLORER GUIDELINES: Do you and all your team members agree to the Explorer Guidelines?

Click [here](#) to review the Explorer Guidelines.

Yes

## 3.0 FUNDING ACCEPTANCE: Do you accept your invitation to participate in Explorer and accept your funding award for the current cohort?

NOTE: You will not be considered an active Explorer team for this cohort if you choose any option that is a No response.

Yes

**4.0 Our Team is committing to participate and attend EVERY mentor meeting scheduled? We understand that failure to attend a scheduled meeting with a mentor may result in termination from the program and/or withdrawal of your funding.**

NOTE: You will not be considered an active Explorer team for this cohort if you choose any option that is a No response.

Yes

---

**5.0 Our Team is committing to watch the recording of the Lean Lanchpad Webinar by Roman Lubynsky before session 1. Here is the link**

NOTE: You will not be considered an active Explorer team for this cohort if you choose any option that is a No response.

Yes



# AGRISOLUTIONS

Transforming Agriculture Through Innovative Technology

# "The Agricultural Conundrum: Wastage, Uncertainty, and Outdated Practices"

- *Wastage of resources like water and fertilizers.*

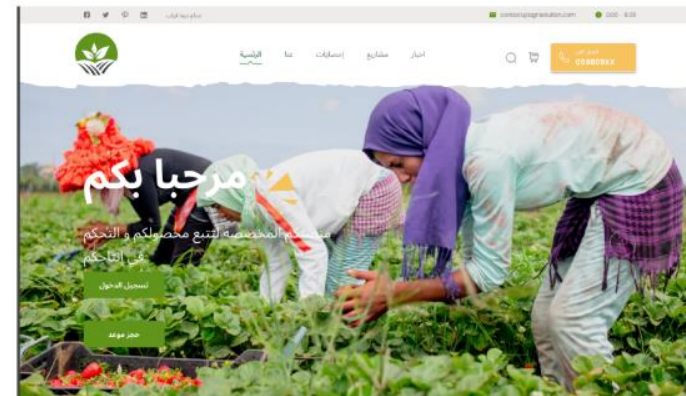
According to the UN, over 70% of the world's freshwater resources are used in agriculture, but up to 60% of this water is wasted due to inefficient practices

- *Uncertain yields due to unpredictable weather and soil conditions.*
- *Traditional farming methods struggling to meet modern demands*



# Introducing AGRISOLUTION: Transforming Agriculture through Advanced Technology.

- End to End solution .
- Real-time data collection fAGRISOLUTION: Empowering Farmers with an End-to-End Solution"
- **"Data-Driven Excellence:"**
  - Collecting real-time data on soil conditions, weather patterns, water levels, and more.
  - Cutting-edge technology ensures accuracy and reliability.
- **"AI-Powered Insights:"**
  - Advanced algorithms analyze data to generate tailored recommendations.
  - Optimize resource utilization, enhance crop yield, and reduce waste.
- **"Seamless Monitoring and Notifications:"**
  - Farmers can track their production progress in real time.
  - Immediate notifications alert about any issues on their land.
- **"Cultivating Tomorrow's Harvest with Today's Innovation.**
  - rom soil, weather, and more.
  - AI-driven analysis for personalized recommendations.
  - Digital platform for seamless access and user-friendly interface.



**Data collection**



**Data digital platform**



# Unlocking Opportunities: Comprehensive Platform Features

- Visual representation showcasing various features (e.g., farmer interacting with the platform).
- "More Than Just Farming: AGRISOLUTION's All-Inclusive Platform"
- Smart Marketplace:
  - Farmers can conveniently purchase fertilizers, equipment, and tools.
  - Sell your products to restaurants, supermarkets, and hotels directly through the platform.
- Expert Consultation:
  - Access to experienced agricultural consultants for personalized guidance.
  - Ask questions, seek advice, and make informed decisions.
- Connecting Farmers and Industries:
  - Bridge the gap between farmers and market demands.
  - Empower small-scale and large-scale agriculture alike.
- A Holistic Approach to Modern Agriculture.

# Impact and Benefits: Cultivating a Greener Future

- Harvesting Positive Change: AGRISOLUTION's Transformative Impact
- Resource Optimization:
  - Dramatically reduce water and fertilizer wastage.
  - Increase resource efficiency, benefitting both farmers and the environment.
- Enhanced Yield and Profitability:
  - Boost crop yield through tailored recommendations.
  - Drive economic growth for farmers, local communities, and industries.
- Empowering Farmers:
  - Empower farmers with data-driven insights and knowledge.
  - Strengthen agricultural resilience in the face of challenges.
- A Sustainable Tomorrow Starts Today.

# AGRISOLUTION's Client Base

- **Diverse Farmers:**

Small, medium, and large-scale farmers seeking improved yields and sustainability. Tailored recommendations to maximize production and minimize costs.

- **Agricultural Enterprises:**

Companies depending on agricultural resources for their products.










Optimize resource usage, reduce risks, and enhance supply chain efficiency.

- Uniting Agriculture and Business for a Flourishing Future.



# Competitive Edge: Price and Personalized

- Leading the Way: AGRISOLUTION's Distinct Competitive Advantages
- Affordable Excellence:
  - Competitive pricing that caters to farmers of all scales.
  - Accessibility ensures no farmer is left behind in the digital transformation.
- Data-Driven Personalization:
  - AI-powered recommendations tailored to each farmer's unique conditions.
  - Precision insights for optimal decisions and results.
- Empowering Agriculture, Democratizing Success.

service		 <small>LA CARTE DE FERTILITÉ DES SOLS CULTIVÉS AU MAROC</small>	
Data-Driven Personalization			
Price			



# From Feast to Field: Agrisolutions Connects Technology to Traditional Farming



# Pain points

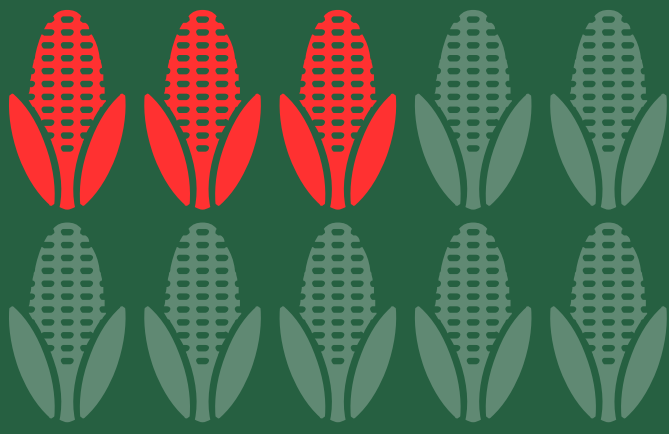
in morocco :

85%



agriculture claims a major share of Morocco's total renewable water resources

30 %



tomato crop losses due to disease = \$39 million

5,7 M



Metric tons  
Morocco's total fertilizer consumption

source : FAO

# Challenges

01

---

Every lost drop translates to yield losses, farmer incomes shrinking, and food security threatened. It's a ticking time bomb for a water-dependent industry.



02

---

Farmers toil, invest, and then watch their harvests wither. Lost income, food shortages, and environmental stress follow this destructive dance.



03

---

Overuse pollutes water, depletes soil health, and throws ecosystems out of balance. It's a ticking environmental time bomb.



**An end - to - end** solution to increase production where farmers can :

Irrigate Precisely

Detect Diseases  
Early

Use Fertilizer  
Responsibly

# Market validation

**between 50,000 and 70,000 farmers directly involved in tomato production.**

**the area dedicated to tomato farming in Morocco is estimated to be around 50,000 hectares**

# Market Size

**84,000  
farms**

Tam

**17,640  
farms**

Sam

**1,764  
farms**

SOM

**More than  
15000  
hectares**



# business model

Platform **Subscription** + Rental Hardware:

2 options



Plan

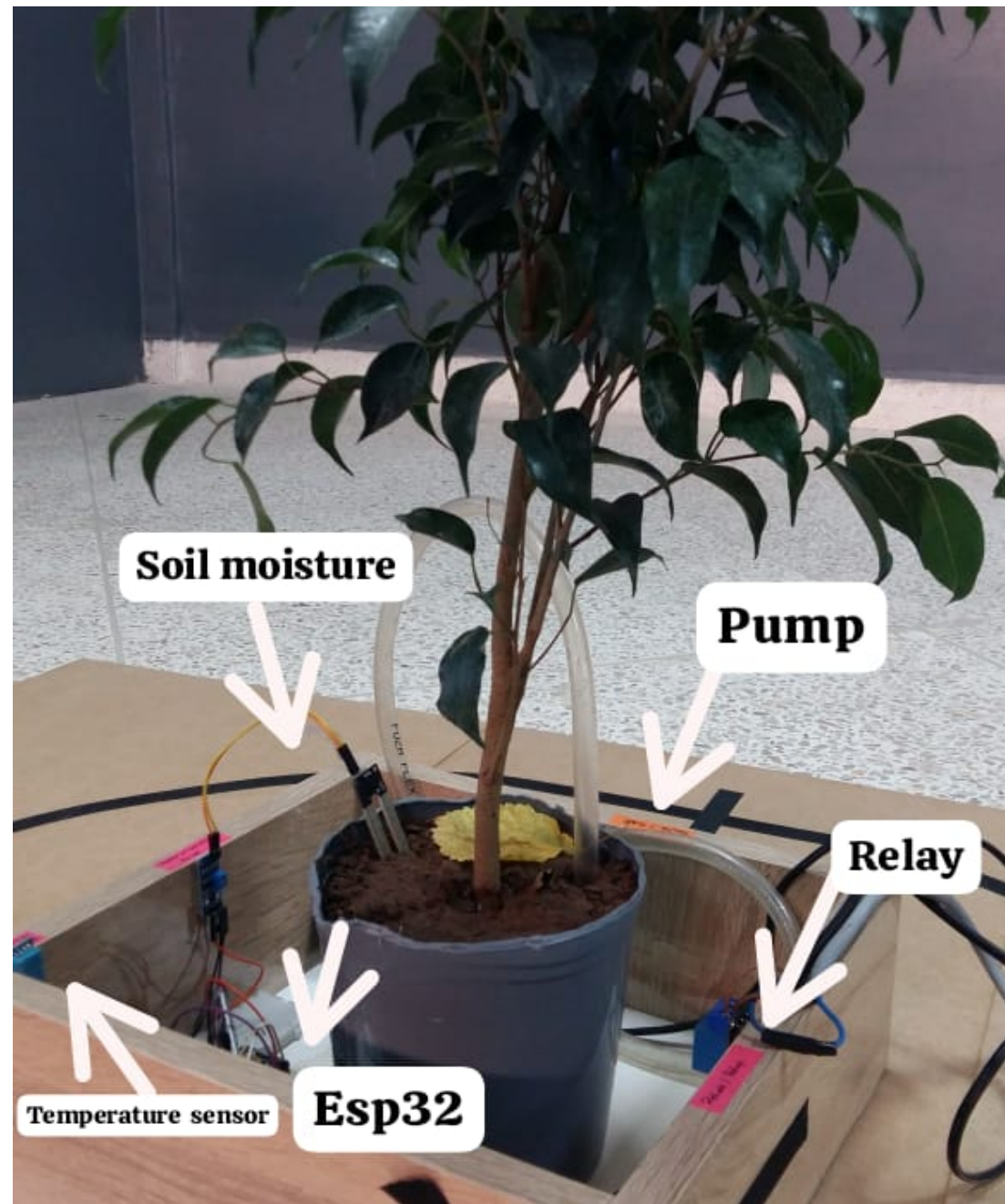


Plan

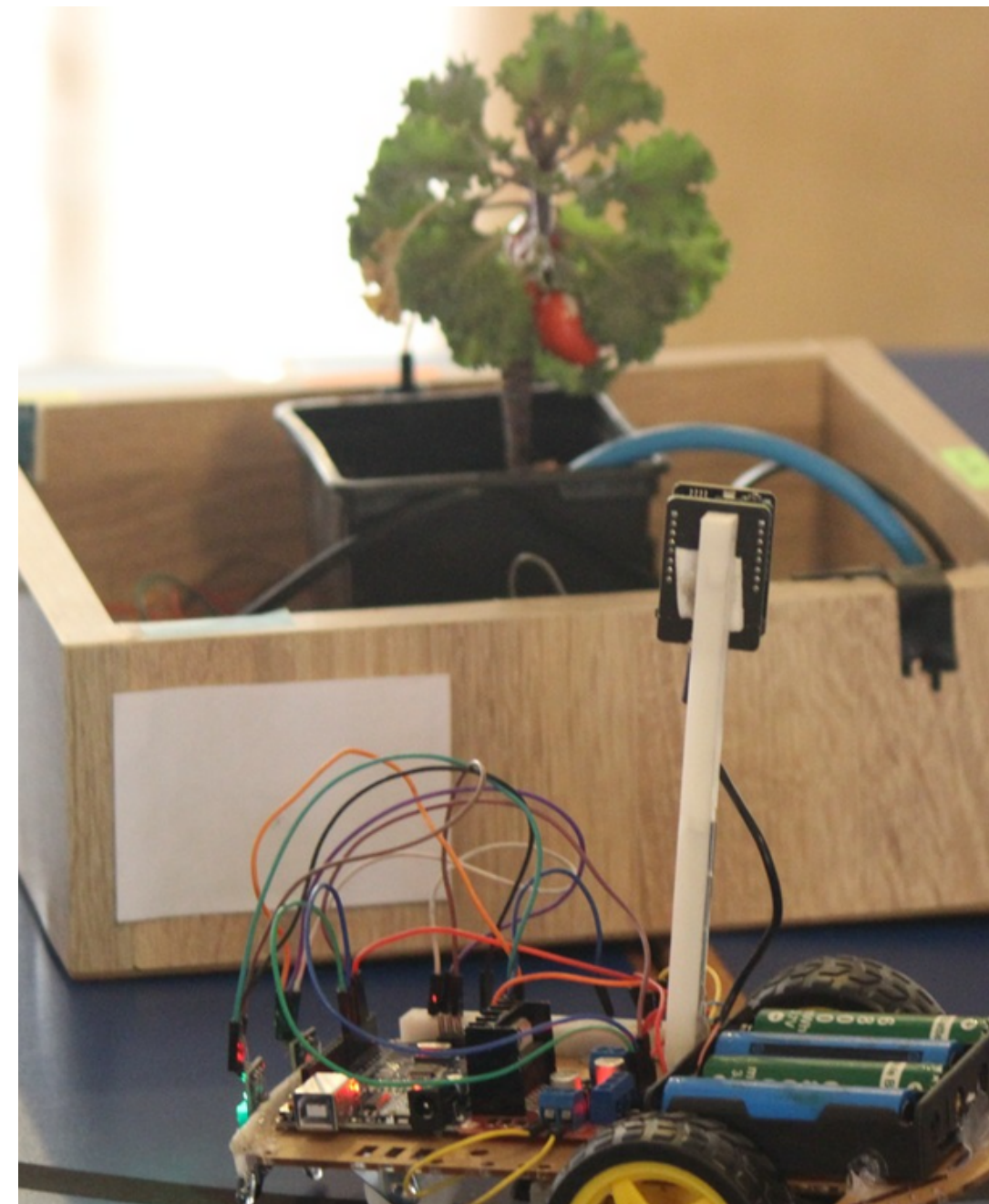
# Product



# Data Collection



Soil Sensor (Real-time Irrigation Data)

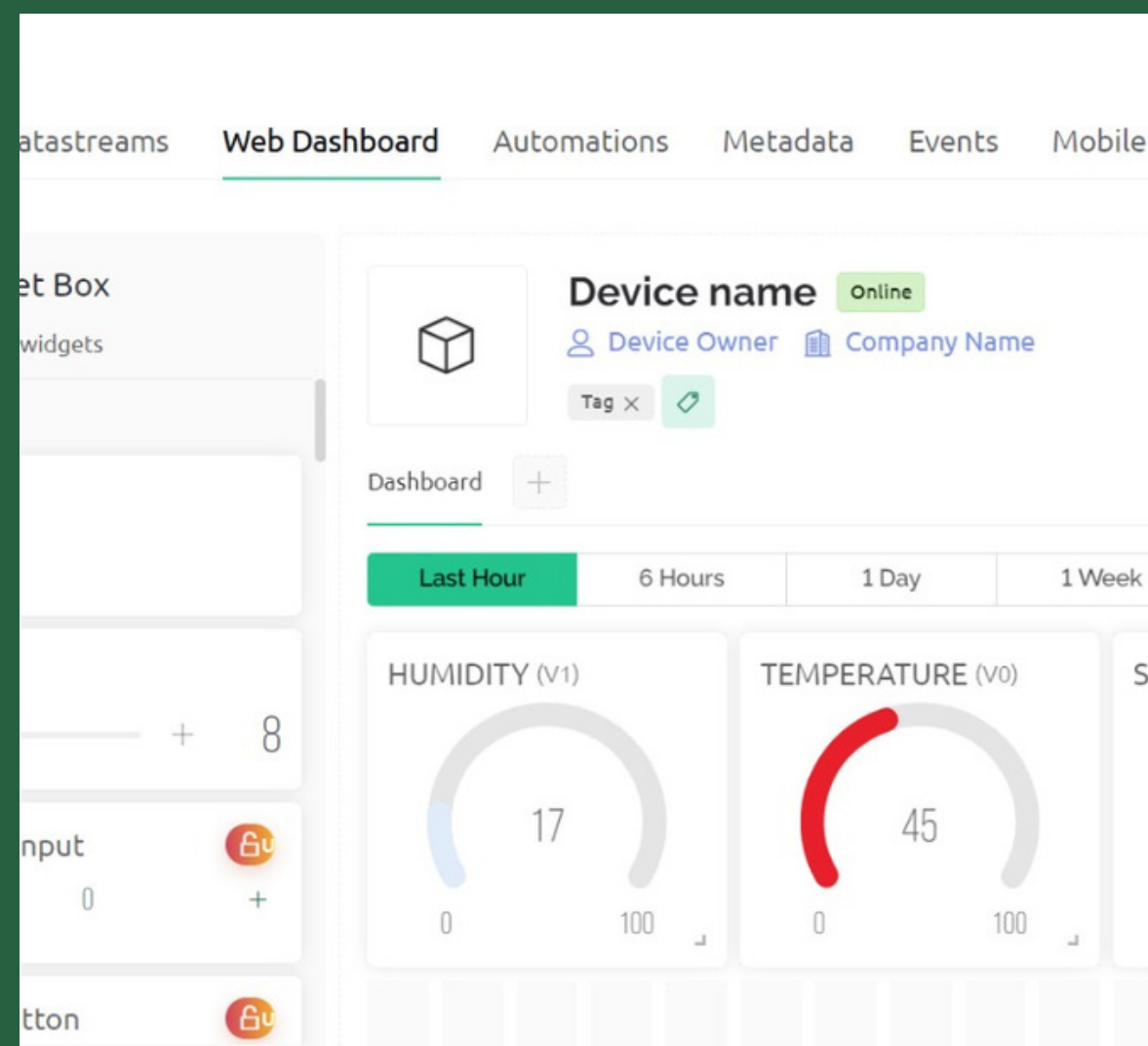


Robotic Disease Detection



NPK Sensor (Nutrient Optimization)

# Generate Recommendations



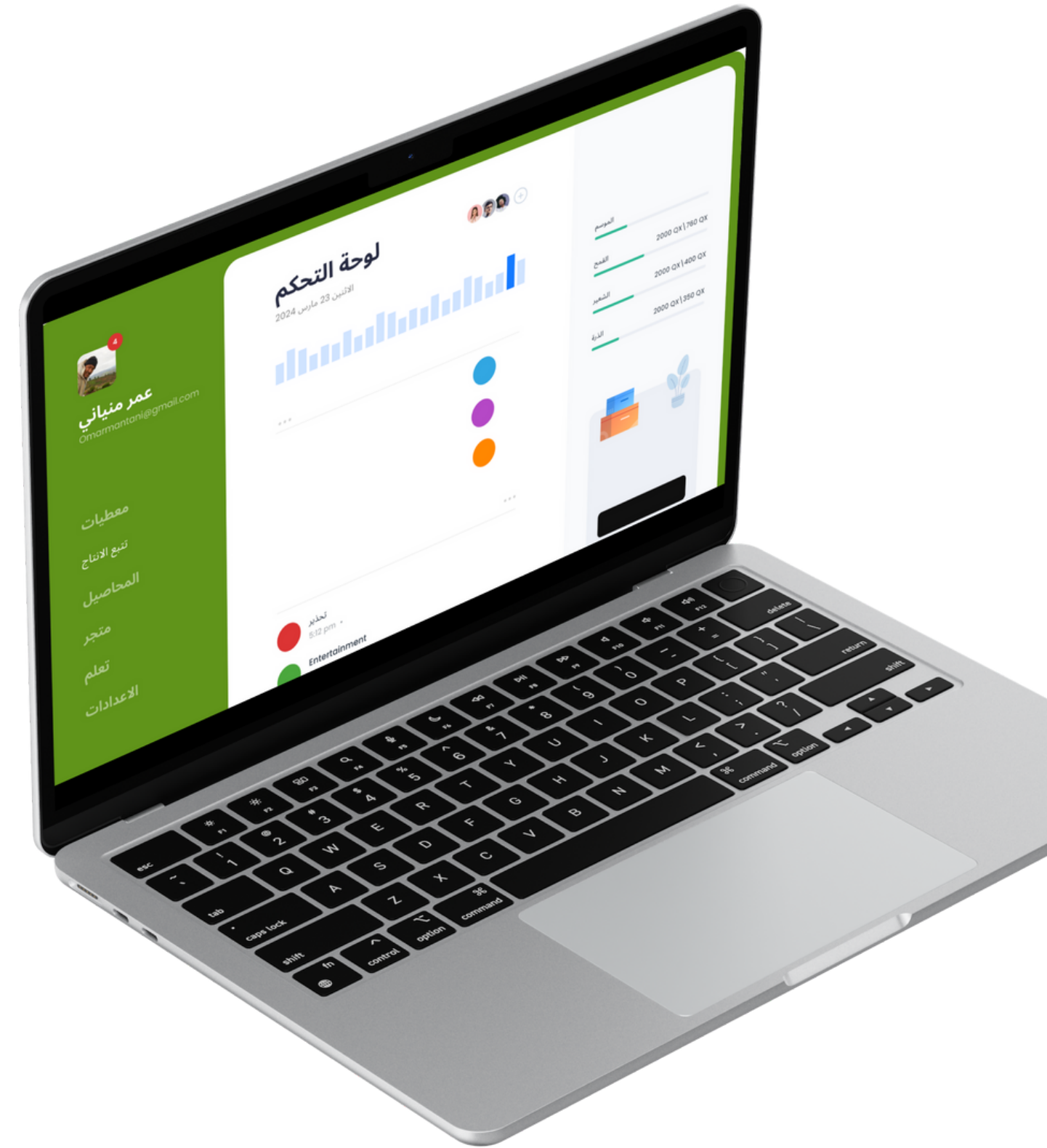
The website header includes the following elements:

- Social media icons: Facebook, Twitter, Pinterest, LinkedIn.
- Language: منكم ديما قراب.
- Contact: contact@agrisolution.com, 8:00 - 6:30.
- Navigation: الرئيسية, عنا, إحصائيات, مشاريع, اخبار.
- Search and Cart icons.
- Phone icon and number: اتصل الآن 059809XX.

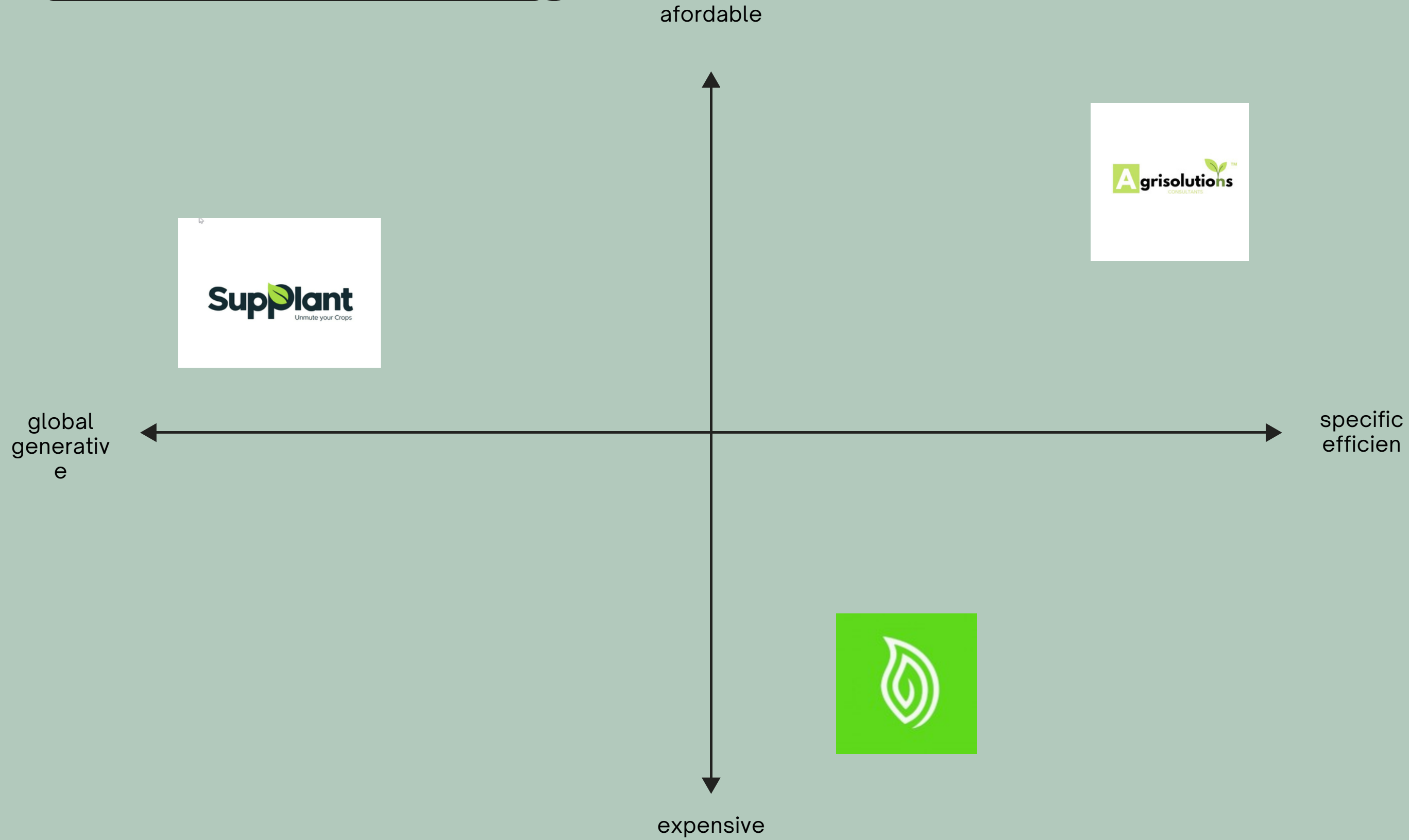
The main content area features a background image of women in a strawberry field. Overlaid text and buttons include:

- مرحبا بكم
- منصتكم المخصصة لتتبع محصولكم و التحكم في إنتاجكم
- تسجيل الدخول
- حجز موعد

# Track production



# competition



**Thank you**