Application: ExID-26F-9947630622

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UM6P Explorer Innovation Fund (MOROCCO)

Summary

ID: ExID-26F-9947630622
Last submitted: Aug 4 2026 20:43 (+01)
Labels: Mock and Full FB Review (New Applications), F26 Invited to MFB , OLD - F26 Invited to FFB, F26 Invited to FFB, F26 NOT Invited to FFB

Eligibility Criteria

Completed - Aug 4 2026

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 4 2026

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 collborators 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 4 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

1.1 Program Timeline

Applications deadline: August 31st, 2026

Cohort active: October 2026 - January 2027

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

Cosphi

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

2.3 How many people are on your team?

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

2

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 for help

1	Energy
2	Software
3	Internet of Things

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

Responses Selected:

I have made all three selections

2.7 Proposed business model

B2B (Business to Business)

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)

Energy is typically the second or third largest cost line for a Moroccan industrial SME, and the only major one managed without measurement.

Three gaps compound. First, the data exists but nobody reads it. The medium-voltage bill already contains time-band consumption, subscribed versus called power, overruns and reactive energy but it reaches the accountant who pays it, not the engineer who could act on it. Second, nothing is measured between the utility meter and the machine. A plant that knows its peak is high cannot identify which shift, line or motor caused it. Third, the mandatory audit under décret 2-17-746 is a five-yearly snapshot: consultants collect data manually, deliver a report, and leave. Recommendations are partially applied, then drift back within two quarters, unnoticed until the next audit.

The result is a recurring, already-invoiced loss the plant cannot see, quantify, or defend.

3.2 Proposed Solution

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

We turn electricity bills and meter data into priced decisions for Moroccan industrial SMEs. Three stages, each funding the next.

Stage 0, AI bill parser. Every distributor (ONEE, Lydec, Amendis, régies) uses a different invoice layout, so hand-coding templates does not scale. A vision-language model extracts billing fields from any uploaded PDF; deterministic tariff rules then validate them. The model reads, the arithmetic stays auditable. The customer receives a diagnostic naming the three largest savings opportunities in dirhams: peak-band shifting, oversized subscribed power, reactive-energy penalties. No sensors, no permits, no capital.

Stage 1, meter gateway. One device per site reads the existing electronic meter, replacing monthly totals with ten-minute load curves: which shift creates the peak, what the plant draws while idle. Monitoring becomes a subscription.

Stage 2, per-line submetering, after paying customers and a licensed contractor partner: energy cost per tonne produced.

3.3 Who is Your Competition?

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

Schneider Electric and Siemens sell industrial energy management systems built for large plants: euro pricing, multi-month integration, and an in-house team to run them. A Moroccan SME is outside that market.

AMEE-accredited bureaux d'études are the incumbent alternative, but they sell a five-yearly mission, not a system. Their economics do not support building a monitoring platform which makes them a distribution channel rather than a competitor. We become their instrumentation layer.

Solar installers bundle free monitoring, but only on generation, not consumption. They tell a plant what the panels produced, never where energy is wasted inside the workshop.

Global energy SaaS products encode no Moroccan tariff logic no local time bands, no kVA fixed premium, no reactive-penalty formula.

Our real competitor is the status quo: a spreadsheet, or nothing.

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)

Mohamed Amine Ichou and Marwane El Fihri, both 2023-cohort software engineers at 1337 Khouribga, co-lead the school's robotics club.

Our combined strengths map to the technical core: Amine in backend systems and distributed architecture, Marwane in embedded C, firmware and data pipelines. 1337's peer-learning model has made us fast at unfamiliar stacks, which this project demands across three layers document parsing, Modbus/RS-485 meter communication, and a multi-tenant platform.

Leading the robotics club is our most relevant experience beyond code: recruiting and coordinating a team, running projects to deadline, and working across firmware, electronics and software the exact combination Stages 1 and 2 require.

Based in Khouribga, we can reach the Casablanca–Berrechid–Settat industrial corridor weekly for customer discovery.

Our gap is industrial access and commercial validation. We are seeking a third member with energy-engineering or industrial-operations experience.

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)

Our primary goal is customer discovery: reaching thirty industrial SMEs in the Casablanca–Berrechid–Settat corridor, collecting and analysing real medium-voltage invoices, and testing whether the savings we identify on paper are large enough, and visible enough, to make a plant manager pay. UM6P's industrial network would shorten that access by months.

Second, we want to test the channel hypothesis: whether AMEE-accredited bureaux d'études adopt an instrumentation layer or defend their manual process.

Third, compute. Once we hold a corpus of real invoices, we would use Toubkal's GPU partitions to fine-tune a document-extraction model on Moroccan bilingual bill layouts, which general-purpose models handle poorly.

Fourth, a third teammate with energy-engineering experience.

Funds would cover field travel, registration, and one instrumented pilot site.

We expect LBMC work to revise this thesis. It has already been revised once, after we tested and abandoned an EU-regulation-driven version.

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

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 adress, Phone number) to be shared publicly

4.2 Value Proposition

Limit your response to 20 words

Moroccan factories overpay for electricity they cannot see. We read their bills and meters, and price the waste.

4.3 Problem Addressed

Limit your response to 50 words

Energy is a Moroccan factory's second largest cost and the only one managed without measurement. The bill reaches the accountant, not the engineer. Nothing is measured between the meter and the machine. The mandatory five-yearly audit is a snapshot, and its savings drift back within two quarters.

4.4 Proposed Solution

Limit your response to 50 words

An AI parser reads any Moroccan utility bill and returns the three largest savings in dirhams: peak shifting, oversized subscribed power, reactive penalties. A gateway then reads the existing meter, turning monthly totals into ten-minute load curves. Per-line submetering follows, giving energy cost per tonne produced.

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 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.

No

5.5 Other Funding

	Funding Source	Name of Funding Source	Amount (Dhs)	Status	Click to add additional source

Explorer Team Budget Plan

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Explorer Team Budget Plan Form

Explorer Team Budget Plan

Team ID: ExID-26F-9947630622

Team Name: Cosphi

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	Vision-language model API credits for bill parsing (development and pilot volume)	4000	✔
2	Cloud hosting, database and development tooling, 5 months	2000	✖
3		0	
4		0	
5		0	
6		0	
7		0	
8		0	
9		0	
10		0	

Software Total: 6000.0

3. Hardware

	Short Description	Amount (MAD)	Click to add item
1	Modbus/RS-485 gateway, industrial enclosure, cabling for one pilot site	8000	✔
2	Development bench: spare gateway, meter simulator, test instrumentation	4000	✖
3		0	
4		0	
5		0	
6		0	
7		0	
8		0	
9		0	
10		0	

Hardware Total: 12000.0

4. Web/App Development

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

Web/App Development Total: 0.0

5. Materials and Services

	Short Description	Amount (MAD)	Click to add item
1	Licensed electrical contractor: gateway installation in live MT switchgear at pilot site	6000	✔
2	Company registration (SARL AU): statutes, legal publication, administrative fees	7000	✖
3		0	
4		0	
5		0	
6		0	
7		0	
8		0	
9		0	
10		0	

Materials and Services Total: 13000.0

6. Advertising and Marketing

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

Advertising and Marketing Total: 0.0

7. Travel

	Short Description	Amount (MAD)	Click to add item
1	1 Customer discovery visits, Khouribga to Casablanca / Berrechid / Settat industrial zones, two members, weekly over the cohort	11000	✔
2	Meetings with AMEE-accredited bureaux d'études and industry associations	3000	✖
3		0	
4		0	
5		0	
6		0	
7		0	
8		0	
9		0	
10		0	

Travel Total: 14000.0

8. Other Expenses

	Short Description	Amount (MAD)	Click to add item
1	Contingency for pilot installation and field costs	5000	✔
2		0	✖
3		0	
4		0	
5		0	
6		0	
7		0	
8		0	
9		0	
10		0	

Other Expenses Total: 5000.0

Project Total: 50000.0

In section 5.2 of your application form, you said your funding request was: (continuing team) or 50000 (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.