

IOM Solutions

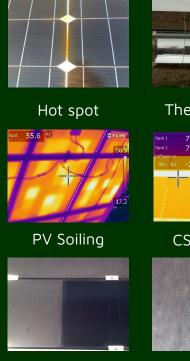
Intelligent Operation & Maintenance Solutions

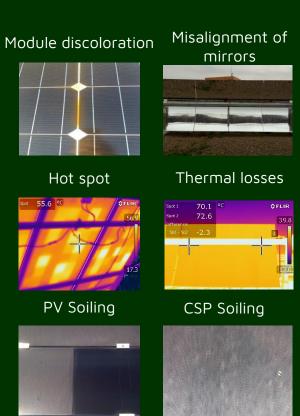
PROBLEM STATMENT

- O&M costs is important for investors and solar plants operators
- Without inspection and monitoring, solar power plants efficiency drops significantly, and their components degrade rapidly
- Monitor all the solar plant indicators is costly and time consuming
- Suboptimal interventions and cleaning strategies interrupt the production and increase the O&M costs

Broken glass Delamniation Burn marks







OUR SOLUTIONS

Instead of hundreds of different types of conventional sensors, drones can get the job done by ensuring :

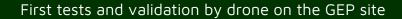


- High accuracy;
- Less risk to human safety;
- Entire inspection of difficult areas;



Fast inspection and monitoring of the overall indicators; Reduce downtime and maintenance costs.







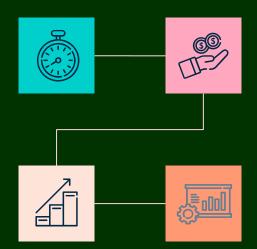
Costumer benefits

SAVE TIME

Fast & Total inspection using UAV

MAKE MONEY

Maintain maximum performance



SAVE MONEY

One technology instead of hundred

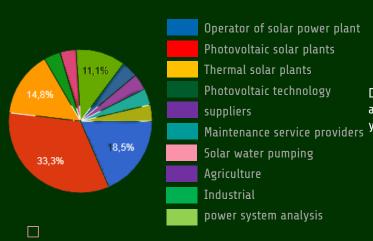
ENERGY & VISUALIZATION

Smart Data Visualization and making-decision

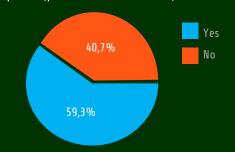
Market segmentation

50 entities surveyed

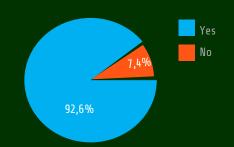
What is your sector of activity?



Do you have a maintenance system for your solar power plants (photovoltaic or thermal)?



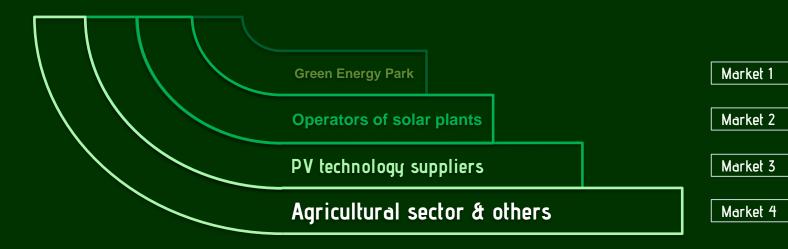
Do you plan to streamline your services by integrating an innovative and efficient maintenance service for your solar plants (photovoltaic or thermal)?



What do you think should be the most attractive aspects of the new maintenance service?

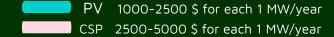


MARKET PLAN IN MOROCCO



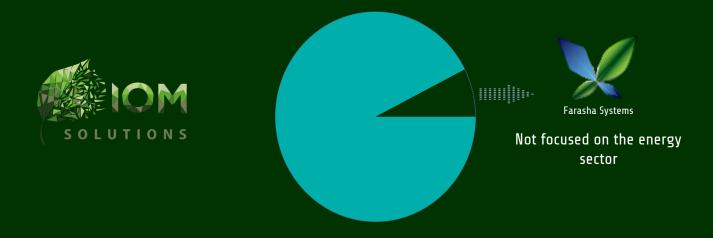
MARKET SIZE

Operation and maintenance cots





UNIQUE ADVANTAGE





Only one competitor in Morocco!

COMPETITIVE ADVANTAGE

Why are we innovative?



Innovation
Scientific researchers
in the solar energy
sector



Experience
Extensive experience
with monitoring
systems, in particular in
the GEP platform





Data Analytics
Using Machine
Learning Models

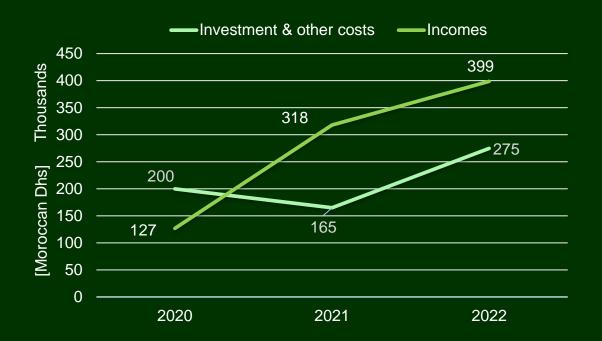


Unique Experience
Suggestion accurate
products and services



There is currently **no company** in **Morocco** that offers all the features and solutions proposed by IOM Solutions

Marketing Plan & Revenue Streams



OUR TEAM



Massaab EL YDRISSI

PhD Candidate in optical modeling and Artificial Intelligence.
Engineer in embedded systems



Halima OUATAB

Student In industrial management engineering



Alae AZOUZOUTE

PhD Candidate in solar power plants degradation and modeling. Mechanical and energy Engineer

THANKS



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