# Sustainable Microfinance in Morocco

#### Wednesday, 11 October 9 am Rabat time/10 am CET

Live translations into Arabic and English



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Interpretation is offered in French and Arabic; please click on the language you want to listen to.

Please introduce yourself in the **chat** and feel free to ask questions there throughout the workshop- Select everyone

A friendly reminder to speakers – Please **mute** yourself when you are not speaking <u>Fr :</u>

Informations importantes:

L'interprétation est offerte en Français et en Arabe; Veuillez cliquer sur la langue que vous souhaitez pour l'écouter.

Veuillez-vous présenter dans le chat et n'hésitez pas à poser des questions tout au long de l'atelier sélectionnez « tout le monde » avant d'envoyer.

Rappel aux intervenants – Veuillez vous mettre en **mute** sauf si vous allez présenter. معلومات مهمة:

للاستماع إلى الترجمة المباشرة باللغتين الفرنسية و/أو العربية. يرجى النقر على اللغة التي ترغب في الاستماع إليها. تنبيه: للترجمة العربية يرجى اختيار اللغة الإسبانية.

نطلب كمنكم تقديم أنفسكم في المكان المخصص للدردشة, يمكنكم أيضا طرح الأسئلة و تعليقات طوال ورشة العمل – يرجى تحديد "الجميع" قبل الإرسال.

تذكير للمتحدثين - يرجى كتم الصوت إلا عند التحدث.



#### **WEBINAR**

HOSTS

### Plan



Naïma SAHIL Centre Mohammed VI de Soutien à la Microfinance Solidaire



Khadija EL HANTALI Centre Mohammed VI de Soutien à la Microfinance Solidaire



Almudena Márquez Finance in Motion for SANAD Fund for MSMEs Technical Assistance Facility



Moderator

Dr.-Ing. Natalia Realpe Carrillo HEDERA Sustainable Solutions



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## Plan



**Zakaria JEBBOURI** Attadamoune Micro Finance



Hammou MOUSTAIN Bab Rizk Jameel



Pierre CHAMPSAVOIR happy smala







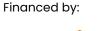


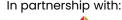




# Opening Session

SANAD's Technical Support Facility









# Mohammed VI Centre for Support for Solidarity Microfinance and Green Finance in Morocco



















## Activities Mohammed VI Centre for the Support of Solidarity Microfinance















#### **CMS OVERVIEW**



- The CMS was created on **November 8, 2007**, on the occasion of the launch of the 10th National Solidarity Campaign, in accordance with the High Royal Instructions, by the **Mohammed V Foundation for Solidarity**, in consultation with Microfinance stakeholders in Morocco.
- It is part of the Mohammed V Foundation for Solidarity's policy to broaden the scope of financial inclusion for the entire population through microcredit.
- Constituted in the form of an Association recognized as being of public utility, the CMS is managed by a Board of Directors composed of National Citizen Institutions (Mohammed V Foundation for Solidarity, Banks, Microcredit Associations and other reputable national institutions) which support its action plan.





#### **WSC FOCUS AREAS**



Through its mission, the CMS deploys its actions through 3 major axes:

- Training the staff of the Micro-Credit Associations and their beneficiary clients;
- Commercialization support the products of micro-credit beneficiaries;
  - The National Observatory of Microfinance.

















#### **Structure of the CMS**



The CMS is organized into three poles and 2 departments:

- Skills Support Hub
- Business Development & Promotion Department
- Microfinance Observatory Cluster
- Support services: communication department and administration, finance and logistics department























#### 8 categories of Prizes, including two prizes reserved for Respect for Sustainable Development



Category	Content
1. Special CMS Award	Transition from an informal activity to the formalization of the company
2. Human Development	Entrepreneur who has contributed to the development of his environment through the transmission and dissemination of know-how, the creation of permanent and seasonal jobs.
4. Innovation	The success of the activity is based on an invention, an original idea, a new manufacturing or organizational process.
5. Women's Business	The women's enterprise has been able to establish itself in a field and/or an environment other than that traditionally reserved for women. She is in charge of all aspects of the business, human, financial, commercial and legal.
6. Young Entrepreneur	The best initiative for the creation by young people of an IGA allowing self-employment and financial autonomy.
7. Responsible tourism »	Micro-entrepreneur who has managed to invest and succeed in responsible tourism and the promotion of territories.
8. "TPE Price"	Very small enterprises (VSEs), which employ less than 10 employees and have a turnover of less than 3 million dirhams, whether it is Auto entrepreneur, RC, SARLAU, SARL and SNC, beneficiary of the products and services of an AMC.
9. "Green Economy"	A company related to the sustainable development sector as an economic activity, i.e. whose main activity is energy efficiency, the fight against waste, the preservation of biodiversity, waste management, etc.
10. Expected results	Financing EMs through financial aid for the development of their projects

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# Some achievements of the CMS in the field of Promotion of Micro-Enterprise and Marketing Support

Organization of "Regional Micro-Entrepreneur Meetings" in different regions of the Kingdom;









# Some achievements of the CMS in the field of Promotion of Micro-Enterprise and Marketing Support

- Organization of the National Micro-Entrepreneur Award;
- Participation in the annual organization of the CDG Foundation Prize.













#### Some of the CMS's achievements in the field of The Microfinance Observatory

- Development of means and tools to support the sector's stakeholders in terms of information and decision-making support: Reviews, Reports, Studies, Mapping, etc.;
- Developed with a firm of the Microfinance Observatory platform;
- Carrying out sectoral studies and any study related to microfinance;







#### Some achievements of the CMS in the field of Communication and Partnerships

- Support for all CMS activities in terms of support, internal and external communication and contacts with potential partners: in particular.
- Creation and distribution, as and throughout the year, of the electronic newsletter "Flash Info du Sector".
- Updating the CMS website.
- Promotion of CMS activities and development of strategic partnership relationships with microfinance actors around the world.













#### **CMS Training Mission**



- Training engineering for the development of the sector's training plan;
- Continuing education on different training topics; such as: Social Performance, Customer Protection, Customer Support (Financial Education, Loyalty, Marketing, Segmentation,...), Risks, Financial Performance (Dashboards, Performance Indicators), Personal Development, etc.;
- Various Microfinance and Transversal training modules at the level of the CMS e-learning platform;
- Hosting and animation by the CMS of certifying and diploma cycles, in partnership with internationally renowned schools: "Expert in Microfinance" cycle, in partnership with the FRANKFURT SCHOOL; "Credit Officer" and "Branch Manager" cycles in partnership with the Training Center for the Banking Profession (CFPB- Ecole Supérieure de la Banque);







#### **CMS Training Mission**



- Strengthening the managerial, behavioural and technical capacities of micro-entrepreneurs through training on various themes such as Financial Education, merchandising, entrepreneurship, the creation of an IGA, personal development,...;
- Master's Degree in Microfinance Experts in partnership with Hassan II University;
- International certifications of skills in the Moroccan Microfinance sector as certified trainers in SPTF, SMART Campaign, CFPB, CGAP, GIZ, etc.;
- Partnership agreements signed with: Moroccan Micro-Credit Associations, JAÏDA Fund, SPTF, Facility for Responsible Microfinance, Smart Campaign, GIZ, ADA Luxembourg, Mediterranean Entrepreneurship Agency, Belgian Association for the Promotion of Education and Training Abroad, BIT,...;







#### **CMS Training Mission**



- Support in terms of training on concerted themes, for women beneficiaries of the APEFE's "Min Ajliki" program to encourage them in good management and entrepreneurship;
- Support for ME beneficiaries of the Programme d'Insertion par les Activités Economiques - PIAE (Donations of Equipment and Support through Non-Financial Products);
- ❖ Signature and execution of contracts with prestigious Training and Financing Organizations such as the EIB, IPC, JAIDA, Microfinanza as part of the revitalization of the "Economic Empowerment of Rural Women" Programs & Compliance with the SDGs, Green Finance in different regions of the Kingdom: El JADIDA, Casablanca, Chefchaouen, Azrou, Tangier...;
- ❖ Active Member "Expert Investangier" Training Program;
- Promotion of Entrepreneurship, especially Women's Entrepreneurship;



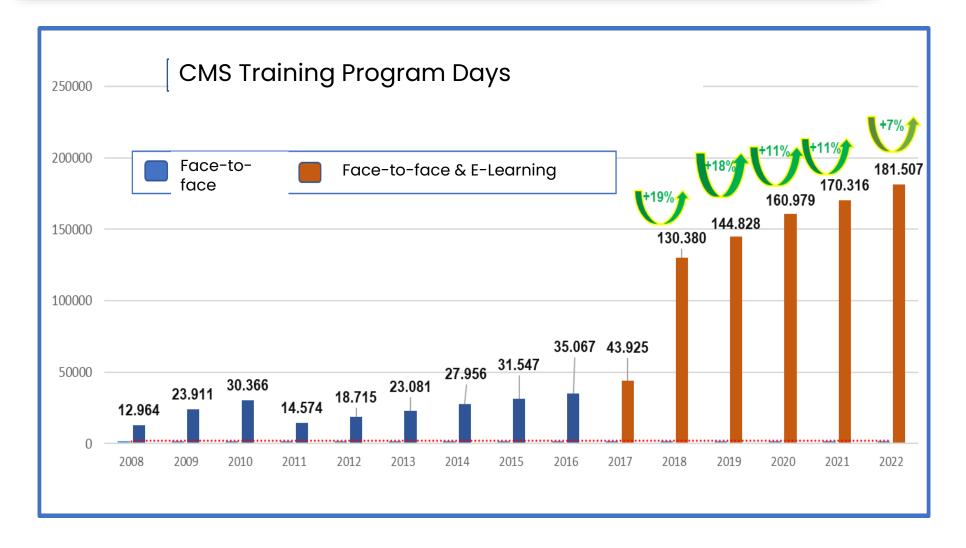






#### Cumulative Training Days 2008-2022









#### Training Achievements January 1 to December 31, 2022

#### Training courses carried out from January 1st to December 31st, 2022

Labelling	Number of days of training	Actual	JFP(*)	
Specific and Planned Staff Training	320	517	1652	
ME Training	56	1231	2229	
Consulting & Training Engineering	105	785	1588	
Logistical support	69	891	1690	
Personal & ME e- Learning Courses	2016	2727	4032	
TOTAL	2566	6151	11191	









# Of which ME training



### Realization of ME training courses from January 1st to December 31st, 2022

libelling	No. of D of Training	Actual	Gender		JFP
			F	н	
Financial Education	29	897	539	358	1.533
Sales & Marketing Techniques	4	46	31	15	93
Entrepreneurship	9	135	84	51	297
Personal development	12	89	59	30	178
Digitizing	2	64	34	30	128
Total	56	1231	747	484	2.229

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#### **Financial Education Programs**





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#### **Financial Education Programs**



- The CMS is a pioneer in Morocco of Training and Certification Programs in Financial Education;
- Since its creation in 2007, several Financial Education programs have been carried out for the benefit of Trainers, Coaches & MEs;
- To date, the number of learners is estimated at several thousand face-to-face and distance learning or via the CMS elearning platform;
- Our partners in this field: GIZ, Azimut, APEFE, CAWTAR, FMEF, AMC Marocaines, Silatech, Grameen Jameel, BAM, FM5, SANABEL, AGFUND...









 During the 4th Quarter of 2022, the CMS signed a partnership and Technical Support agreement for the Microfinance Sector, the Human Resources of the Moroccan MF Associations and the Center, as well as MEs, IGAs, Cooperatives in precarious situations;







 Training courses in "Personal Development" and "Entrepreneurship" have been planned in order to improve the entrepreneurial spirit and self-confidence of this population which in most cases lives in precariousness;









 As the women are from rural areas, during the accompaniment and training, the consultants encouraged this population to carry out activities and use products that respect the environment and sustainable development: such as natural dyeing for weaving, natural fertilizers in agriculture, solar energy instead of coal...









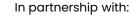


- This initiative resulted in the selection of 03 Regions of Morocco and 132 Women from Rural and Peri-urban Areas:
  - 44 women from the City of El Jadida & Regions
  - 44 women from the City of Chefchaouen & Regions
  - 44 women from the City of Azrou & Regions

















 A Training of Trainers has been programmed for the benefit of 16 field agents of the Moroccan AMCs and the Centre to improve their skills and inculcate in them the knowledge and know-how necessary to support their ME.



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#### **Green Finance**



Green Finance represents an important opportunity for Moroccan companies to reconcile Economic Development and Respect for the Environment.

The advantages it offers are undeniable, such as:

- Reduction of operating costs;
- Improving brand image;
- Reducing greenhouse gas emissions...

However, to take full advantage of Green Finance, Moroccan companies need to overcome challenges such as:

- High upfront costs
- Lack of necessary knowledge and skills















#### The Green Morocco Plan



- Economic Efficiency, Social Equity and Preservation
- Natural Resources... That was the philosophy
- which permeated the design of the Green Morocco Plan
- in 2008.

Financed by:

- First Agricultural Strategy deployed in the Kingdom,
- it has placed the Intensification of Production and Production
- Investments at the heart of its Operational Set-up

In partnership with:

- through Intervention Instruments adapted to the sectors,
- territories and types of operations.



Source: Ministry website "Plan Maroc Vert" https://www.agriculture.gov.ma/fr/data-agri/plan-maroc-vert





#### The Green Morocco Plan



- · Ten years after the launch of this ambitious plan, the Moroccan agriculture has completely changed color;
- The evaluation carried out by professionals in the sector, in particular

Regional Chambers of Agriculture and Inter-Branch Association

has put forward convincing results

Between 2008 and 2018:

- ramp-up of investments,
- Increased production and value chains of the different sectors,
- Improvement of farmers' living conditions...

Source: Ministry website "Plan Maroc Vert" https://www.agriculture.gov.ma/fr/data-agri/plan-maroc-vert













- To support and raise awareness among MF actors in Morocco, in partnership with Jaida and Microfinanza, the CMS has implemented a training cycle on green microfinance for the benefit of Microcredit Associations and the staff of the Mohammed VI Center;
- The training was spread over six (6) days and was held during the months of July and September 2021;















- It had three main dimensions:
- **1- The Strategy** which consists of integrating the environment at the level of institutional policies, management, reporting to investors, etc.;
- **2- The risk** related to the introduction of tools and procedures to reduce the environmental footprint of microfinance institutions (MFIs) and their clients;
- **3-Opportunities** For example, providing credits to support the purchase of green products or the implementation of environmentally conscious practices, as well as non-financial products such as environmental training or awareness-raising.



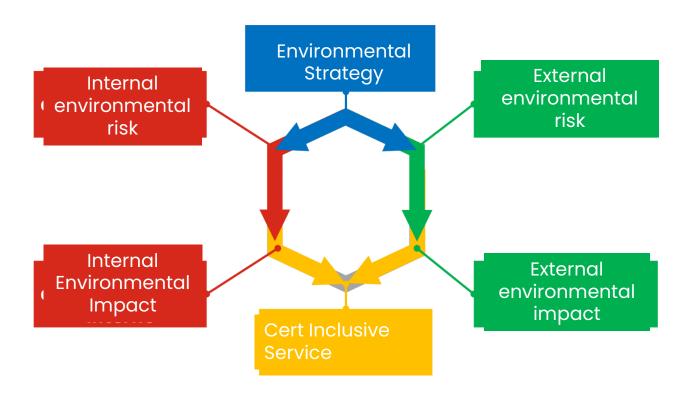






### **Green Finance Training**

- The Training saw the participation and interest of the main Moroccan
   AMCs who had as a future project, the establishment of a Green Strategy:
  - AL AMANA MF ATTAWFIK MF ATTADAMOUNE MF ARDI MC











## **Green Finance Training**

Libelling	Modules	Number of Training Days
Seminar 1	Introduction to Green Microfinance	2
	Environmental Performance in Microfinance	
Seminar 2	Environmental Risks in Microfinance	2
	Environmental impact in FM	
Seminar 3	Inclusive Green Services	2
	Environmental Strategy & Policy	

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# Results of a study on sustaina HEDERA microfinance in Morocco

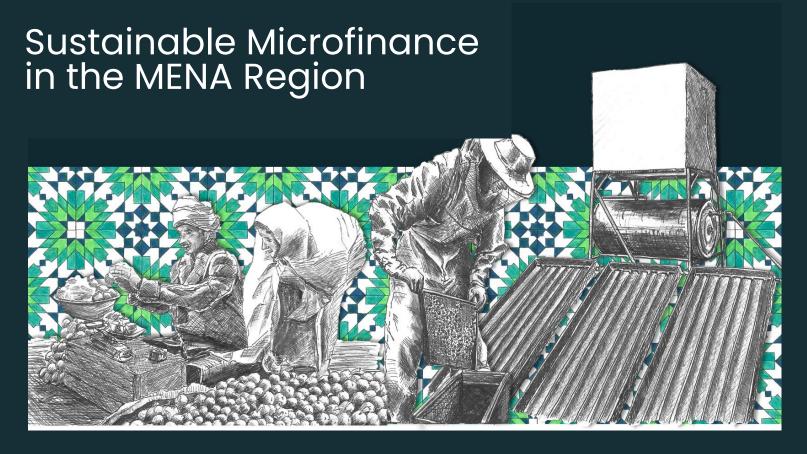












https://sanad.lu/events-press/sustainable-finance-in-the-mena-region-state-of-developmentchallenges-opportunities-for-microfinance-insitutions

# Sector study

# **IMFs Participants**











PALESTINIAN BANKING CORPORATION (PBC)























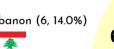


























Palestinian Territories (8, 18.6%)



Egypt (8, 18.6%)



























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# Measurement Framework













## **The Green Microfinance Penetration Index**



### **Objectives:**

Identify the implementation of inclusive green finance in a specific area

Assessing the environment





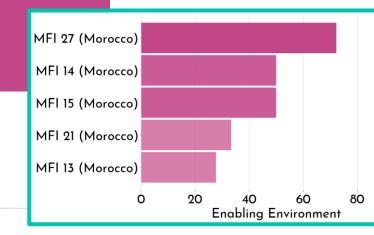


### **Enabling environment**

To what extent is the context in which the MFI operates vital for the development of green finance?

#### Demande

Level of demand for green products and services



#### Regulation

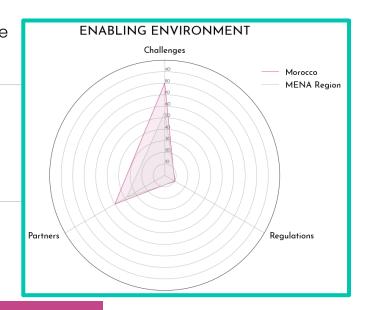
Guidelines for MFIs in place at the national level that encourage/oblige them to offer green finance on favourable terms

#### **Partners**

Partners supporting MFIs in the development of green finance projects

#### **Dedicated Programs**

Ongoing initiatives for MFIs to develop green finance



NONE LOW MEDIUM HIGH

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## **Execution**

#### **Environmental Strategy and Risk Management**

To what extent are MFIs implementing their environmental policies and risk management procedures?

#### Activities and aspirations of the institutions

Institutional commitment to implement an environmental strategy

#### Reports

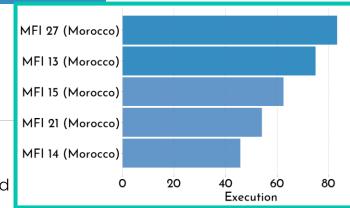
Institutional transparency on the Key Performance Indicators achieved related to environmental initiatives at the client and institution level

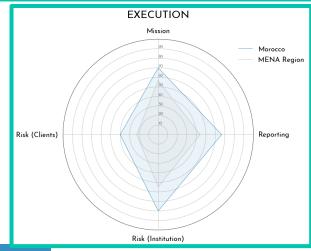
#### Risk management at the institutional level

Strategies and actions to manage the institution's negative environmental impact and reduce its vulnerability

#### Client-level risk management

Strategies and actions to reduce customers' vulnerability and the negative environmental impact of their activities





BEGINNER BASIC COMPETENT ADVANCED

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## Offer

#### Green financial and non-financial products

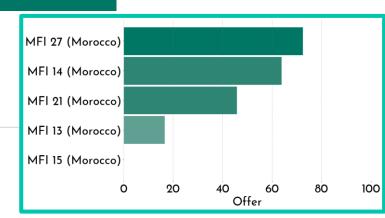
What do MFIs offer to improve the climate resilience of their institutions and clients?

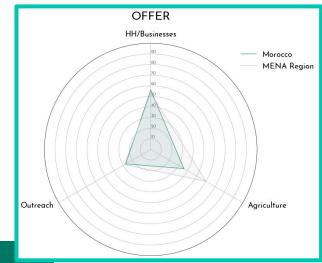
Financial products

Scope of financial products

Non-financial services

Scope of non-financial services





BEGINNER BASIC COMPETENT

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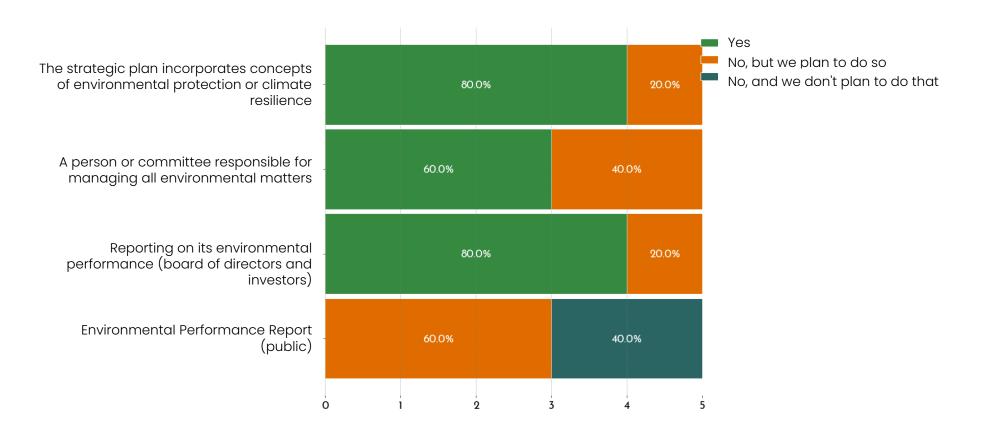


**ADVANCED** 





# Green Strategy





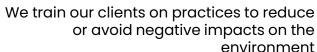








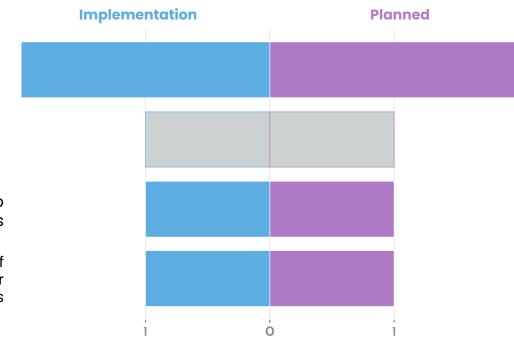
# Implemented Risk Management Activities (Clients)



None of the answers

We offer services to respond to environmental shocks

We support our clients in the development of companies promoting green practices or products







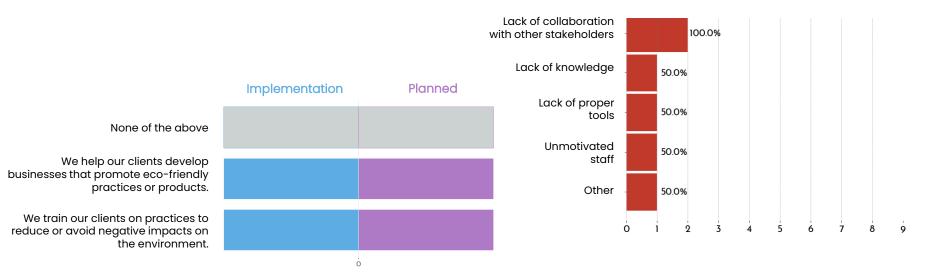


# Risk Management Activities (Clients) and Challenges





#### Key Challenges for Implementing Risk Management Practices (at the level of CLIENTS) (n=2)



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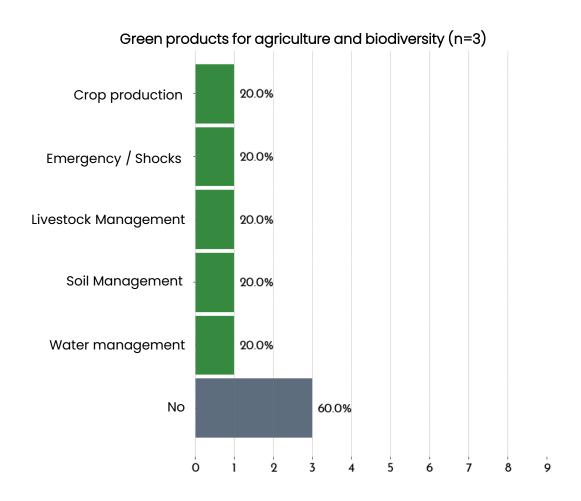








# Green Products (Agri)







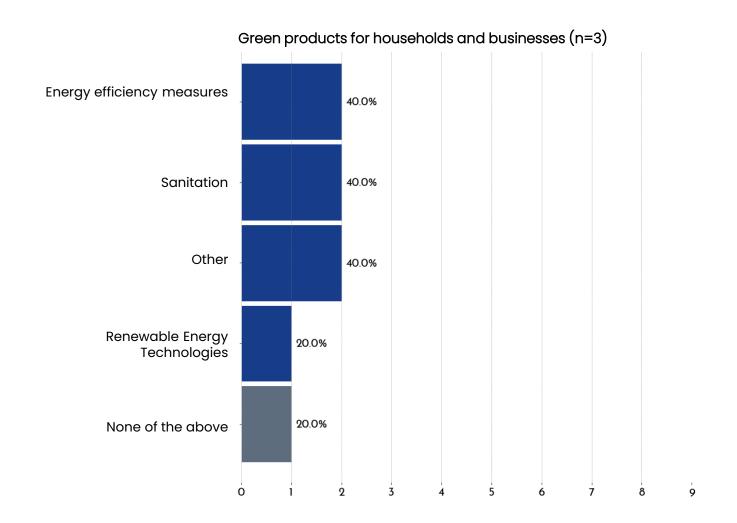








## Green Products (Households/Businesses)





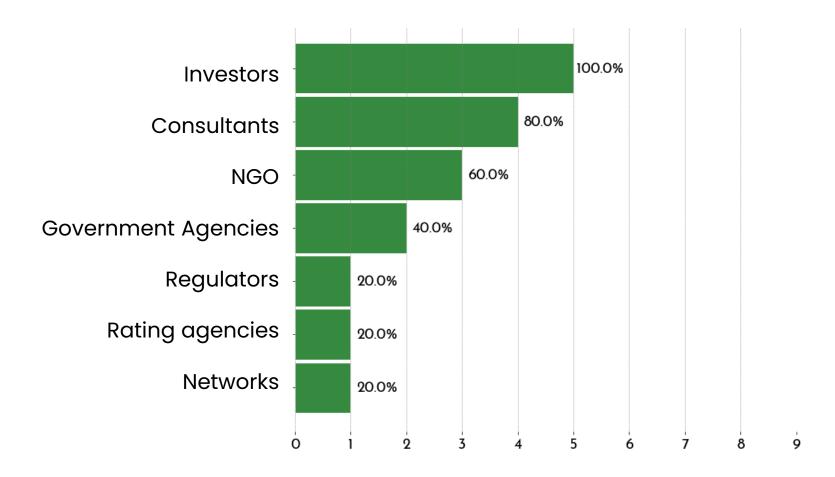








# Stakeholders who can support you



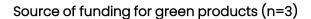


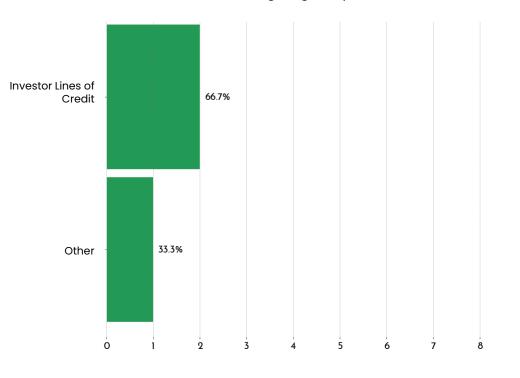


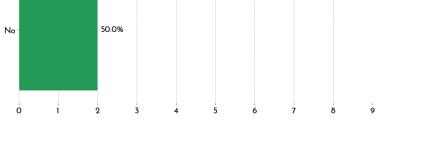
# Characteristics of the green offer



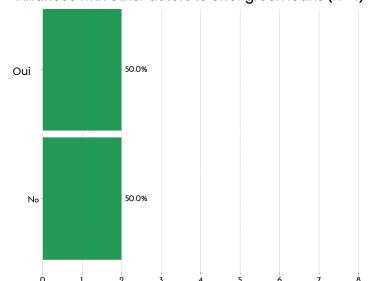
Credit Incentives for Green Products (n=4)











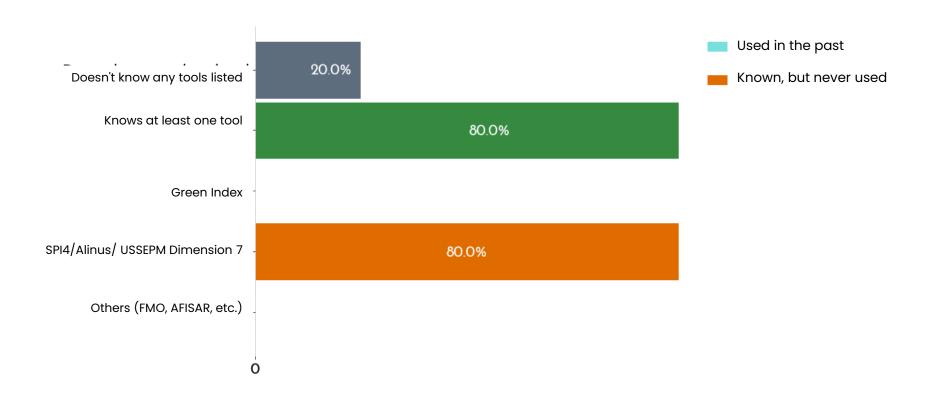
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# Environmental Performance Management Knowledge Tools







# Thank you!

Natalia Realpe Carrillo - CEO

Natalia@hedera.online









# Webinar on Sustainable Microfinance in Morocco



















### Presentation :

ATTADAMOUNE MICRO-FINANCE is a nonprofit Micro-Finance Institution, created in Fez in 1994, and approved on September 5, 1999 by the Ministry of Finance as a Micro-Credit Association, following the publication of Law No. 18-97 on Micro-Credit in Morocco.

- ✓ Agency number: 48.
- ✓ Outstanding receivables: 100 million MAD.
- ✓ Staff: 210.
- ✓ Equity: MAD 21 million.











## **VISION**



- PURPOSES
- Offering Financial and Non-Financial Services
- · Social Responsibility:
- Satisfaction of its target population.
- Satisfaction of its staff.



- AMBITION
- Sustainability and development strategy.
- Organizational and operational management.
- Human Resources Policy.
- Risk management.
- · Social performance.



MISSION

To enable urban, peri-urban, rural/rural micro-entrepreneurs from socio-economically poor, very poor, geographically excluded strata and from the traditional financial system, to develop and/or stabilize their income-generating activity, through adapted, diversified and quality financial and non-financial products that meet their needs. And this without discrimination.



- Values
- Transparency
- · Professionalism.
- · Fulfillment of commitments.
- · Solidarity.
- · Excellence.
- · Social Responsibility.



Financed by:











### Strategic Vision 2023-2025

In this period of extreme disruption, and given the trends identified at the national and international socio-economic level, the strategic plan of ATTADAMOUNE MICRO-FINANCE 2023 -2025 aims at long-term sustainability, through the Development of Human Capital, Financial and Organizational Capital, as well as, the strengthening of the presence at the national level, through investment in digital financial inclusion and the anchoring of the ecological dimension in the Social Mission.









OS\* 1 - Développement du Capital Humain

CS\* 1: Hausser les capacités et les compétences des collaborateurs

CS 2 : Promouvoir la culture de la Performance et de la Gestion Axée sur les résultats

OS 2- Développement du Capital Finanacier

CS 1: Augmentation annuelle des Fonds Propres de 5%

CS 2 : Gestion équilibrée et suivi des Emplois et des Ressources Financières

CS 3 : Diversification continuée des partenaires financiers stratégiques

OS 5 -Performances sociales et enviromentales

CS 1: Mettre en place des indicateurs de suivi pour réduire l'empreinte environnementale en microfinance

CS 2 : Développer des produits pour le financement des solutions vertes

OS 4 - Présence à l'Echelle Nationale

CS1: Ouverture de deux agences par an dans les à potentiel

CS 2: Diversification des produits

CS 3 : Développement digital

OS 3- Converger vers une structure organisationnelle horizontale décloisonnée

CS1: Adopter une organisation par bloc de compétences

CS 2 : Introduire et développer le management par les compétences

CS 3 : Renforcer les capacités d'animation commerciale, par des compétences extra -commerciales

\*OS: Objectif Stratégique

\*CS: Cible Stratégique

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Plan

Stratégique

2023-2025







# Strategic Objective 5 – Social and Environmental Performance

- Social and environmental performance is the alignment of the intentions of actions with the responsible use of resources, processes and means to ensure a successful customer relationship and the fulfillment of staff.
- Integrating the strengthening of the ecological dimension at the heart of the mission of ATTADAMOUNE MICRO-FINANCE to roll out its environmental strategy; Particular attention will be paid to 2025.
- Strategic Target 1: Implement monitoring indicators to reduce the environmental footprint internally and externally
- ATTADAMOUNE MICRO-FINANCE will have an ambitious environmental action plan and rigorous monitoring of its indicators through environmental reporting in order to measure its direct impact on the environment. This reporting will bring together indicators related to water and energy consumption, waste and pusiness travel
- · Strategic Target 2: Developing products for financing green solutions

In partnership with:

 Promote green products and services in a way that is compatible with climate issues and beneficial to the Institution and its clients











### Product Portfolio Growth Strategy 2023-2025

#### **Current Toolkit**



#### **Solidarity Product**

Solidarity & Cooperatives



#### **Individual Product**

Investment & Housing



#### **TPE Product**

Formal Micro Enterprises / Self-Employed



#### **Green Product**

Faran ECO / Solar Pumping / Hydroponics



#### Breeding Product / Fellah

Sheep & Cattle Farming / Agricultural Crops



#### **Digital Product**

New digital professions

#### Targeted Toolkit



#### **Solidarity Product**

Solidarity & Cooperatives



#### Individual Product

Investment & Housing



#### **TPE Product**

Formal Micro Enterprises / Self-Employed



#### **Green Product**

Faran ECO / Solar Pumping / Hydroponics



#### Breeding Product / Fellah

Sheep & Cattle Farming / Agricultural Crops



#### Digital Product

New digital professions

Financed by:







## Intervention framework / Ecology

ATTADAMOUNE MCRO-FINANCE has resolutely chosen to integrate the strengthening of the ecological dimension at the heart of its mission. To deploy its environmental strategy, particular attention will be allocated by 2025 to:

- Implement monitoring indicators to reduce your environmental footprint internally and externally
- Developing products for financing green solutions
- 15% reduction in electricity consumption
- 20% less transport costs
- 20% reduction in water use
- 30% reduction in paper usage
- 60% use of recycled paper
- 100% of employees trained on risk and impact assessment and mitigation
- Strengthening the monitoring team

- 50% of agriculture customers have adopted efficient irrigation systems
- 25% of rural customers use biogas by reusing wastewater
- 75% of customers sensitized to respect waste treatment channels
- Various green products and services developed
- Various technical partnerships
   established

Reduced internal

footprint

Improved

Increased
Environmental
Resilience

Promoting resource efficiency

Proposal for inclusive green services

Financed by:









#### III. SWOT ANALYSIS

In order to be able to formulate relevant recommendations to improve the environmental performance of the institution, a SWOT analysis was carried out with the main conclusions:

Forces	Weakness	
<ul> <li>Strong commitment to the theme of green microfinance (GA, Board of Directors and operational team).</li> <li>Training experience on organic farming</li> <li>Existence of an ecological transition plan</li> <li>Social and Environmental Performance Directorate</li> <li>Local entities in rural areas.</li> </ul>	<ul> <li>Environmental performance management policy to be formalized.</li> <li>Climate change and environmental risk management policy to be put in place.</li> </ul>	
Opportunity	Threats	
<ul> <li>Strategic orientation of the state towards the green economy.</li> <li>Green Generation Plan for Agriculture</li> <li>Interest of the fund's donors on the theme of green microfinance.</li> </ul>	<ul> <li>Resistance to change (client and staff of the association)</li> <li>Effects of the health crisis, inflation and drought on sustainability.</li> </ul>	

Rural House Project Evaluation "SANAD Partner"

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## ATTADAMOUNE MICRO-FINANCE التمويل الأصغر التمويل الأصغر ATTADAMOUNE MICRO-FINANCE التمويل الأصغر ATTADAMOUNE MICRO-FINANCE

# Transition to the Meba approach "SNUP Project"

- The project proposes to adapt UN Environnement's MEbA (https://unepmeba.org/fr/) approach to the local reality of Morocco and in particular to ATTADAMOUNE's strategy, processes and products, and to its target customers.
- The Meba approach makes it possible to work on a transversal approach, which goes beyond the pilot technical approach of the proposed product by focusing on the value chain.
- It allows the institution to verify what it is able to finance by giving it the means to report on the one hand and to integrate the climate risks part on the other.
- The Adaptive Capacity Indicator EbA and the Biodiversity Risk Indicator of the MEbA Biodiversity Platform will be included in the assessment of each agricultural loan in order to be able to identify, manage and monitor the climate and biodiversity risks of rural clients and the portfolio.











Reduced climate vulnerability of Attadamoune producers and improved environmental risk management

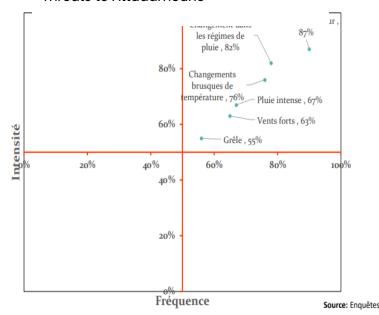
Report of the Investigation into Meba Practices

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#### **INSTITUTION-LEVEL THREATS**

According to respondents, the following threats have been identified in the area where Attadamoune is operational.

#### Threats to Attadamoune



The sum of the threats identified by each of the respondents makes it possible to determine the major threats as well as their frequencies and intensities According to the respondents, it is clear that the climate threats that Attadamoure faces are real given their intensities and frequencies.











Reduced climate vulnerability of Attadamoune producers and improved environmental risk management

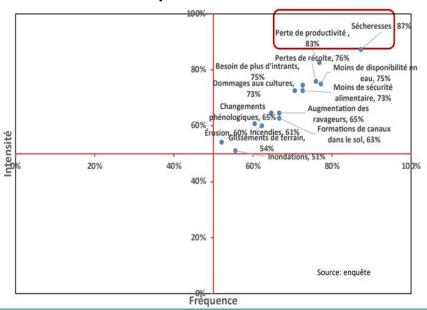
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#### Impact at the institutional level

When identifying climate impacts, it can be seen that drought and loss of productivity are the impacts of higher intensity and frequency, but also the need for more inputs as well as water availability they are perceived as important

#### Impact on the institution



Respondents to the survey identified all climate impacts in their regions and with a higher frequency and intensity

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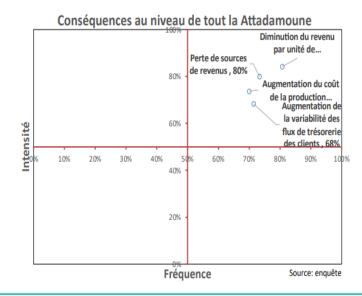
Reduced climate vulnerability of Attadamoune producers and improved environmental risk management

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#### Impact at the institutional level

Respondents identified the following climatic consequences for their customers: lower income per unit of production, loss of revenue resources, increased cost of agricultural production and increased cash flow variability.



All of the consequences presented are a reflection of the current state of the clients and the causes of the situation must be addressed in order to improve their vulnerability









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#### Project:

Reduced climate vulnerability of Attadamoune producers and improved environmental risk management

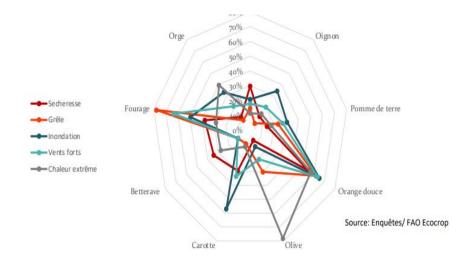
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#### SENSITIVITY OF FUNDED CROPSC

after the sensitivity of the financed crops to the climatic events identified in the region. This visibility will be used by Attadamoune to select the crops to be financed according to the region and the climatic situation.

Sensitivity of the crops most financed by Attadamoune to climate impacts



This graph shows that the orange crop as well as fodder is more sensitive compared to other crops in general. Also the cultivation of olives is very sensitive to extreme heat and carrots to high rainfall











Reduced climate vulnerability of Attadamoune producers and improved environmental risk management

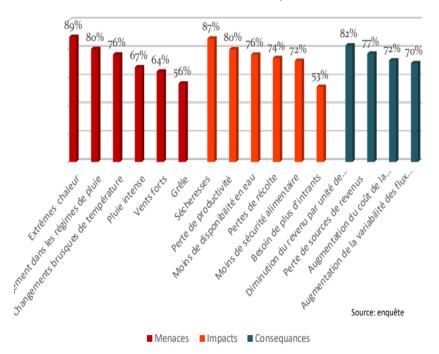
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#### **CLIMATE VULNERABILITY**

L'identification de la vulnérabilité face au climat visé à hiérarchiser les menaces, les impacts et les conséquences

#### Vulnérabilité climatique



Climate vulnerability is represented by the materialization of impacts, due to the low adaptive capacity of agricultural producers. Therefore, we determine an axis of action, in which we choose the most representative impacts, knowing that if we manage to get producers to implement EbA solutions that adapt them to these impacts, we will reduce the climate vulnerability of producers and society. We will calculate it in the pilot phase and complete the variables for the measurement

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technical assistance facility









## ATTADAMOUNE MICRO-FINANCE assessment according to Green Index 3.0 standards

The green index is the primary tool used to evolve a financial service provider's (FSP) current performance in green inclusive finance and define an action plan for improving it









# Thank you!

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## Innovations for green finance in Morocco













# INNOVATION LAB FOR ECONOMIC INCLUSION AND SUSTAINABLE



### **FINANCE**







Studies and program design

Implementation, Strengthening and Adaptation

Monitoring, Evaluation, Learning and Measuring Accountability



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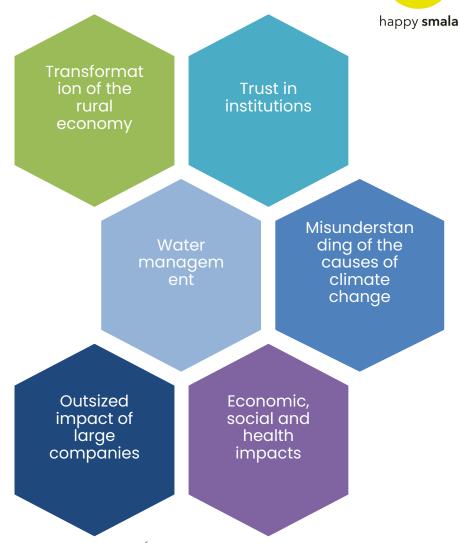
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#### CLIMATE CHANGE LISTENING TOUR

5

Field Consultation (Orientale, Fez-Meknes, Beni-Mellal, Souss Massa, Marrakech-Safi, Draa-Tafilelt)

- 1. Listening methodology designed to build trust and open dialogue
- 2. Exclusive focus on vulnerable populations
- 3. Questioning about:
- les **impacts** du changement climatique
  - Adaptation/mitigation measures already in place
  - The priorities of the most affected populations
- 1. Validation of learning
- 2. Dissemination of results to the target



Key issues facing vulnerable populations (women, youth, persons with disabilities, NEETs)

Financed by:







## New Digital Channels for Project Finance



### Benefits of Crowdfunding (Law 15-18)

#### Market access

- Market test at a lower cost
- Rapid opening to international markets

#### Access to finance

- New financing products (donation, credit, equity)
- Complementary to existing products

### Financial Sustainability

- De-risking projects
- Engaging new types of investors







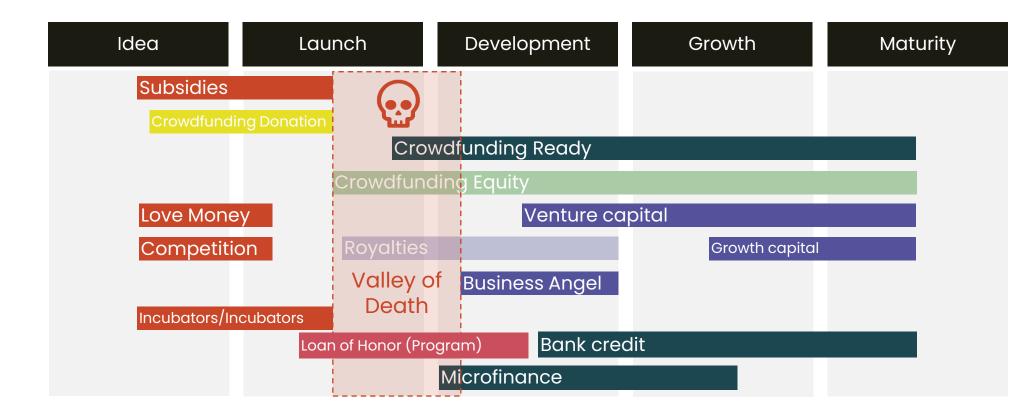






## New Digital Channels for Project Finance

### Innovation Financing Ecosystem













Sustainable Development Goals



Paris Agreement



New Development Model

National Sustainable Development Strategy

National Financial Inclusion Strategy

Other national frameworks

NATIONAL PROGRAMS Impact Agnostics
Structuring for the development of the green economy

**PRIVATE** 

Emergence of high-impact funds

**PRIVATE INVESTMENT** 

Still underdeveloped

Financed by:









### IMPACT TOGETHER!

2023-2027

Happy Smala has been involved since the conception of the project as an implementation partner for Morocco. Its role is to ensure the implementation of activities, to federate stakeholders, and to represent Morocco in regional coordination bodies and financial partners.







Creation of an investment fund dedicated to HE, including the green economy



Technical and financial support to SESOs in Morocco



Support for the creation of innovative schemes for investment in HE, including the green economy





Development of a national platform to promote investment in HE, including the green economy

Financed by:

In partnership with:

**HEDERA** 





### NATIONAL EVENT ON HIGH-IMPACT FINANCE





**SCAN ME** 



October 31 and November 1, 2023



A leading multi-stakeholder event combining panels, workshops and debates around high-impact investing in the Moroccan context.

Target audience: Social entrepreneurs, non-profit sector, SSE companies, Microfinance, Investors, and Donors.



Raise awareness on the role and mechanisms of high-impact financing in the face of social and between the key actors in SSE environmental challenges.



Facilitate the sharing of experiences and ideas financing.



Foster synergies, collaborations, and the creation of partnerships between impact finance actors.







Financed by:









#### In Conclusion



- Adaptation issues are seen as a priority in relation to mitigation issues
- Collaborative finance can be used as a A capacity building and market testing tool "Green" projects upstream
- 3. The development of **New markets/products can be designed around resource ecosystems** Complementary
- Dialogue with impact investors should increase downstream capacity

Financed by:





## Thank you!

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Financed by:







# Green microfinance in Morocco



Financed by:







## Bab Rizq Jameel Microfinance

- Microfinance institution created in 2011 (just after the crisis of the microfinance sector in Morocco)
- A dozen employees and a few thousand customers (small size) with a very ambitious development plan
- Since 2021 has been operating without physical branches (in digital mode)
- In the process of formalizing all processes to integrate the environmental dimension
- Development of a green product "Akhdar Jameel" for the financing of green agricultural activities (solar pumping and efficient irrigation (in the process of start-up)

Financed by:





## Particularities of the microfinance sector in Morocco

- Actors in the form of NGOs (social fiber) AMC and CMS
- Mature sector (more than 20 years of existence)
- Actors among the world's leading institutions
- Leader in the MENA region

In partnership with:

Better distribution (urban/rural & male/female, ...)

Financed by:





### Favourable national context

- Will at the level of the high authorities (renewable energies, etc.)
- Post-pandemic context
- Geographical position of Morocco and its diversity (sunshine, etc.)
- Climate Change Risks
- Willingness of Moroccan MFAs to contribute to efforts to protect the environment and increase the resilience of entrepreneurs' activities
- Willingness and motivation of stakeholders (AMF, donors, CMS, MEF, central bank)

Financed by:





# Objectives of green microfinance

- Ecosystem Conservation
  - Healthy ecosystems provide more services

Increased resilience







## Potential channels for green loans in Morocco

```
Renewable
   (solar, wind, biogas, etc.)
Water
   (efficient irrigation...)
Rubbish
   (sorting, recycling, etc.)
Sustainable Housing
   (sanitation, isolation)
```









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# Environmental Education Program

- Raising customer awareness of good practices in environmental protection
- Waste management
- Greening the production cycle
- (from raw material sourcing to product recycling)





## Challenges

- Knowledge management
- 2. Appropriate technologies
- 3. Green inclusive financial services that meet customers' needs

Financed by:





### Recommendations

- MFAs will benefit by formalizing their best practices in protecting ecosystems and developing green strategies
- Donors: Thematic funds dedicated to green microfinance
- Regulators: Incentive Regulation for Green Microfinance
- CMS: Customer Training and Awareness Programs





## Thank you!

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Let's discuss!























### **Weekly Webinar Series**

## Sustainable Microfinance in the MENA Region

From 6 September to 25 October, every Wednesday 10 am to 11:30 am CET

**DATES:** Yemen, 6 Sept | Tunisia, 13 Sept | Jordan, 20 Sept | Egypt, 4 Oct | Morocco, 11 Oct | Lebanon, 18 Oct | Palestine, 25 Oct

Financed by:



In partnership with:



Live translations into Arabic and French



