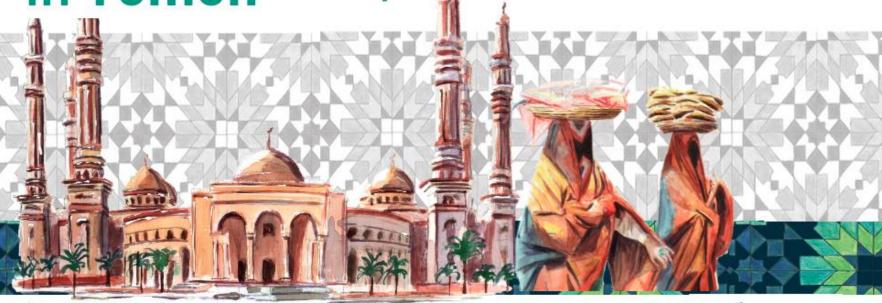
#### **WEBINAR**

## Sustainable Microfinance

in Yemen

#### Wednesday, 6 September 11 am Sanaa time/10 am CET

Live translations into Arabic and French



Financed by:

In partnership with:









Quick housekeeping

Interpretation is offered in French and Arabic; please click on the language you want to listen to. For Arabic translation, please select Spanish interpretation

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

Informations importantes:

L'interprétation est offerte en Français et en Arabe; Veuillez cliquer sur la langue que vous souhaitez pour l'écouter. Pour la traduction arabe, veuillez sélectionner l'interprétation en Espagnole.

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 للدر دشة, يمكنكم أيضا طرح الأسئلة و تعليقات طوال ورشة العمل – يرجى تحديد "الجميع" قبل الإرسال.

> تذكير للمتحدثين - يرجى كتم الصوت إلا عند التحدث







#### **Hosts**



Hesham Al-Haimi Yemen Microfinance Network



Hani Alfaqih Yemen Microfinance Network



Kateryna Morton Finance in Motion for SANAD Fund for MSMEs Technical Assistance Facility



Dr.-Ing. Natalia Realpe Carrillo HEDERA Sustainable Solutions

**Moderator** 



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### **Speakers**



Bandar Albadwi Al-Amal Microfinance Bank



Mustafa Al-Ahdal Al-Itihad Microfinance Program



technical assistance facility

**Dr. Ahmed Huzayyin**Chemonics Egypt
Consultants



Ahmed Baeisa Social Fund for Development















# <u>OPENING</u>

SANAD Fund for MSME's Technical Assistance Facility



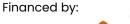




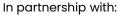
# Achieving Sustainable Finance in Yemen

















## About YMN

The **Yemen Microfinance Network (YMN)** is a non-profit NGO cofounded by UNDP and SFD as the Yemen's national microfinance association in 2010.

YMN is a member-based association and includes more than 95% of microfinance institutions operating in Yemen

Its members include microfinance banks, foundations, companies, programs and other stakeholders in the sector.







## **About YMN**



 Training and CB Unit

> Training and Capacity Building

### Research and Development

- MF Assessments
- Financial Products Development

- Development Projects
- MF related interventions

Project Management Unit (PMU)







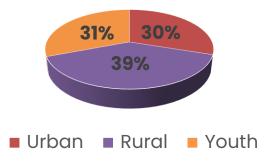


# MF Clients Compensation Project

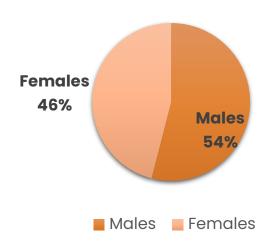
- Part of the YECRP project Yemen **Emergency Crisis Response Project**
- Funded by World Bank and UNDP through the Social Fund for Development
- Supported over 5000 beneficiaries.

The project provides in-kind support to the beneficiaries and the payingoff of the remaining installments.





Beneficaires - Gender Distribution

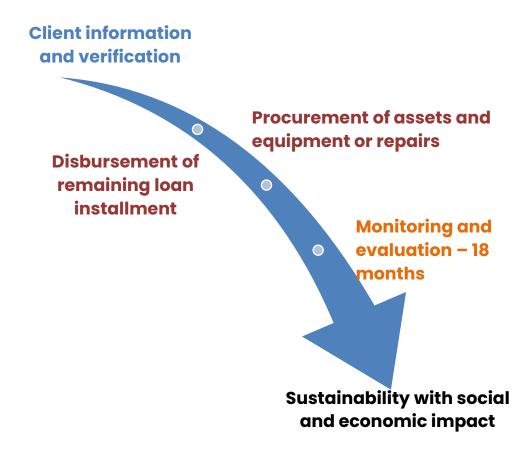








# MF Clients Compensation Project





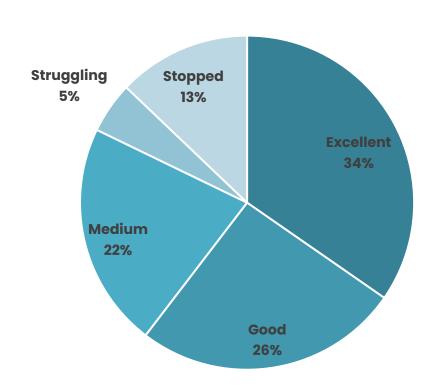


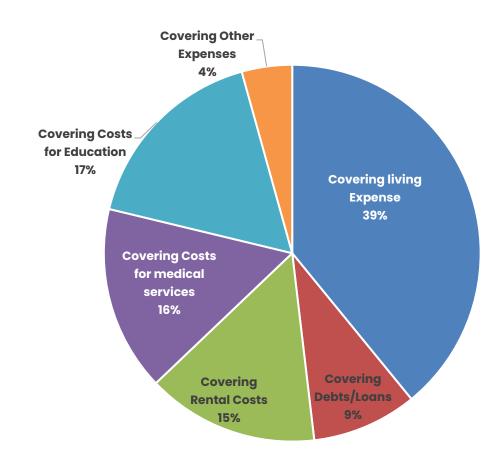




# MF Clients Compensation Project

Performance of Businesses Supported









# Thank you!

Hesham Al-Haimi | Managing Director

Hesham.alhaimi@yemennetwork.org







# YMN and Green Finance













شبكة اليمن للتمويل الأصغر Yemen Microfinance Network

YMN Microfinance Academy launched the course of sustainable finance last July 2023

29 participants











## **Green Finance** Business Opportunities Mapping

On 3 October, 2022 YMN launched its first Webinar in the field of green finance to determine the opportunities for Green microfinance in cooperation with **ERLP Project** 











## Green Finance Best **Practices**

- On 6 October 2022 YMN launched its 2nd Webinar about Green finance and its **BEST PRACTICES**
- 118 participants from all financial sector registered in this webinar





















## MFIs Code of Conduct

YMN is currently studying adding new rules to the code of conduct for its members to enhance the size of the green finance portfolio in Yemen.









# Green Finance and Agricultural Marketing

YMN has initiated preparations for AGRO MART, aimed at equipping farmers with technology to enhance production per unit area, optimize water usage, and implement intelligent marketing strategies for agricultural products.

In partnership with:







# Thank you!

Hani Alfaqih

Hani.alfaqih@yemennetwork.org







# Study Results of Sustainable Microfinance in Yemen

In partnership with:











July - October 2022

# Sectorial Study





# Participant MFIs



40 MFIs 1 NGO 1 Startup 3 Networks







PALESTINIAN BANKING CORPORATION (PBC)





7

















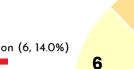












Palestinian Territories (8, 18.6%)

















Egypt (8, 18.6%)





























































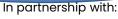




















# Measuring Framework







## **The Green Microfinance Penetration Index**



#### **Objective:**

Understand the penetration of green inclusive finance in a region, considering the work of the financial institutions and the enabling environment where their work evolves.





#### **Enabling Environment**

How vital is the context in which the MFI operates to green finance development?

#### Demand

Level of demand for green products and services

#### Regulations

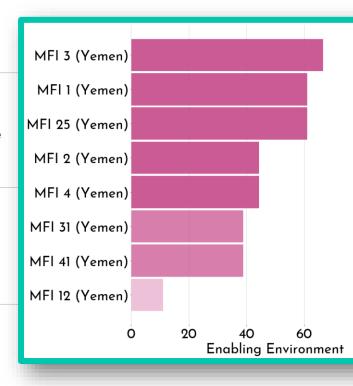
Directives for MFIs in place at the national level that encourage/oblige them to offer green finance in favorable conditions

#### **Partners**

Partners supporting MFIs in developing green finance projects

#### Dedicated programs

Ongoing initiatives for MFIs to develop green finance



NONE

LOW

**MEDIUM** 

HIGH

Financed by:

INDICATORS



In partnership with:





#### **Execution**

#### **Environmental Strategy & Risk Management**

How in-depth are MFIs implementing their environmental policy and risk management procedures?

#### Institutions' business & aspirations

Institutional commitment to implementing an environmental strategy

#### Reporting

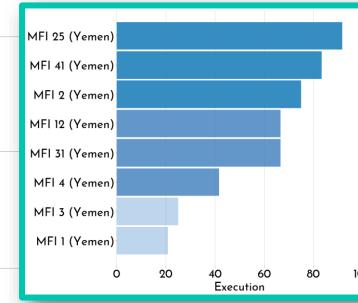
Institutional transparency on achieved KPIs related to environmental initiatives at the client and institutional level

#### Risk management at institutional level

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

#### Risk management at client level

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



**BEGINNER** 

BASIC

**PROFICIENT** 

**ADVANCED** 

Financed by:

INDICATORS



In partnership with:







#### Offer

**INDICATORS** 

#### Green financial and non-financial products

What are MFIs offering to enhance the climate resilience of their institutions and clients?



Outreach of financial products

Non-financial services

Outreach of non-financial services



BEGINNER BASIC PROFICIENT ADVANCED

Financed by:

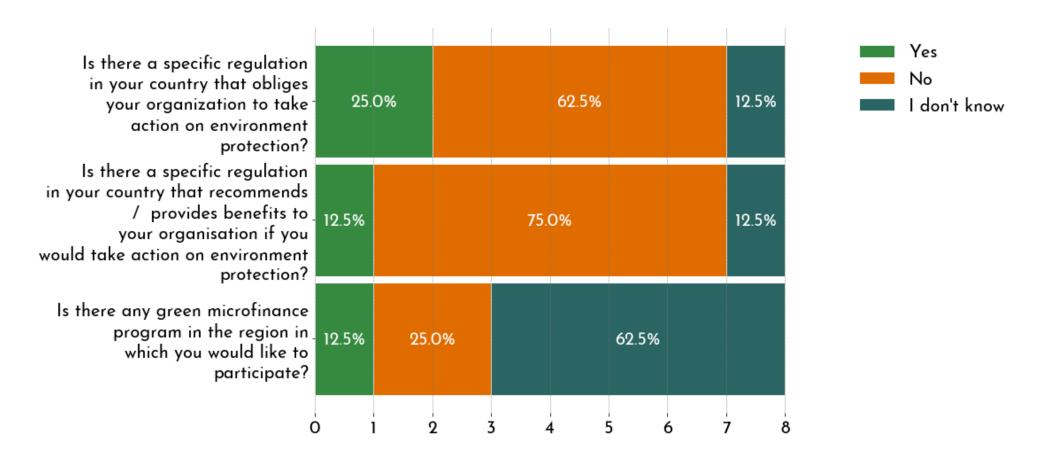


In partnership with:





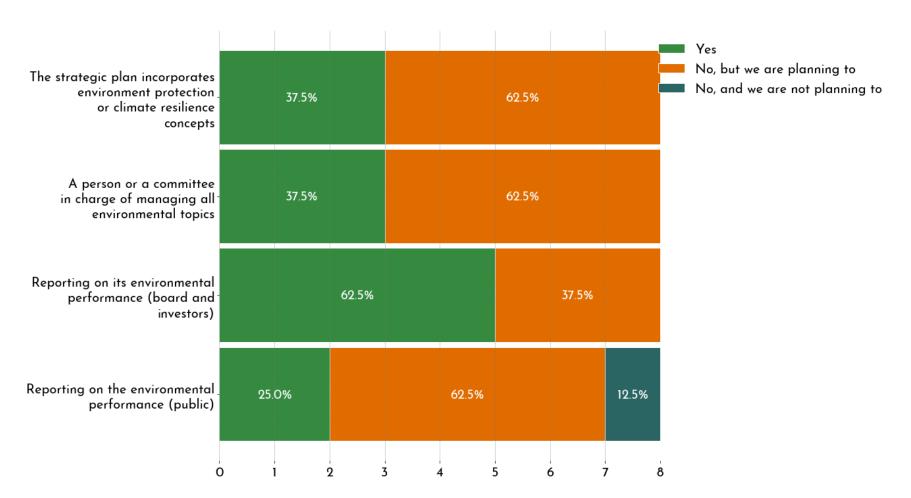
## Context







# Strategy



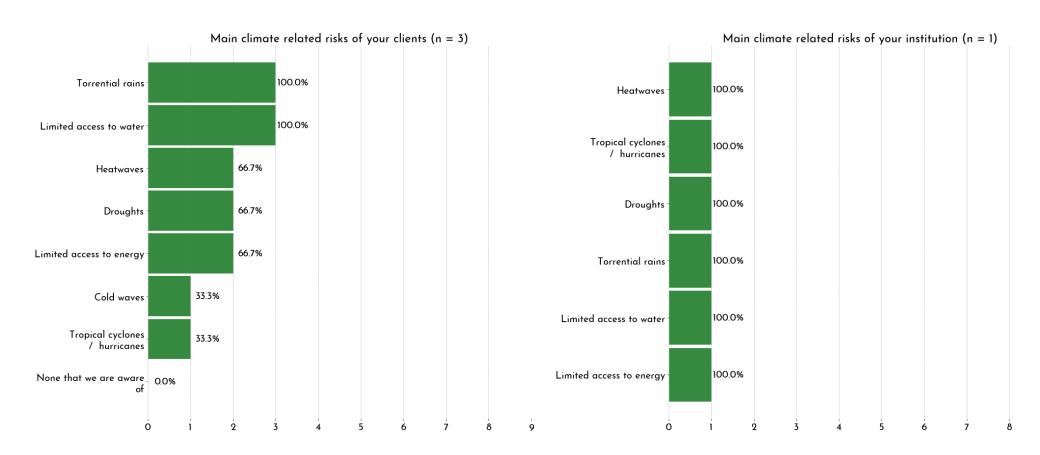
In partnership with:







## Awareness of Climate Risks

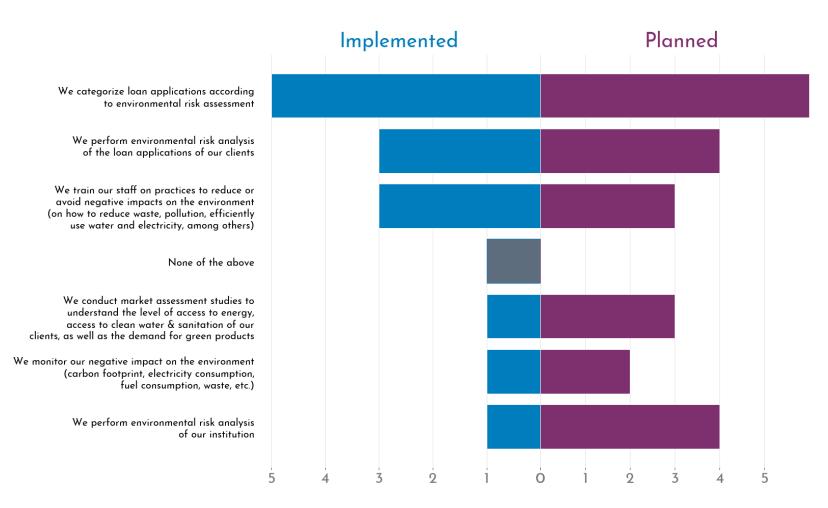








# Activities related to risk management (at the level of the institution)



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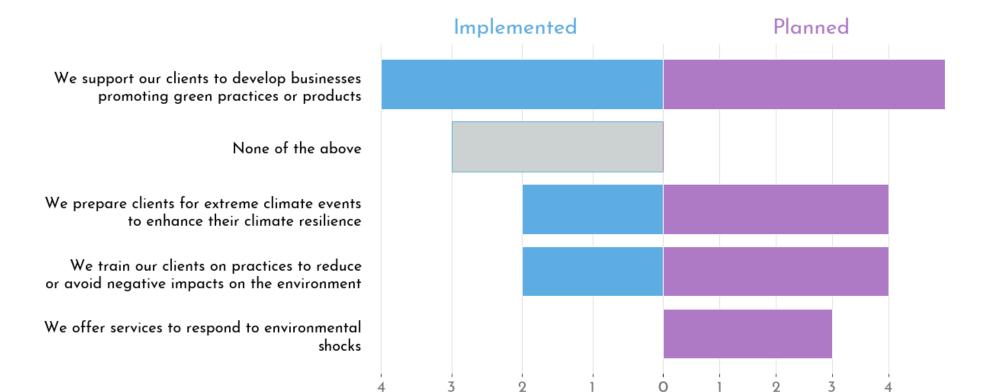


In partnership with:





# Activities related to risk management (at the level of the institution)



In partnership with:

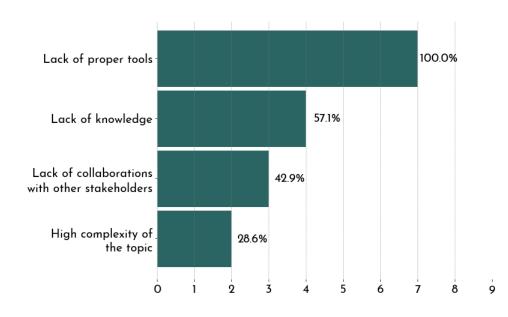


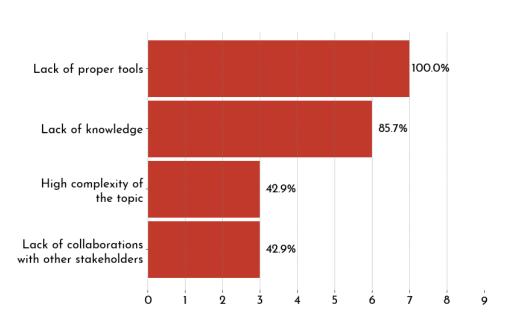


# Main challenges for the implementation of risk management practices

(at the level of the institution)

(at the level of the clients)

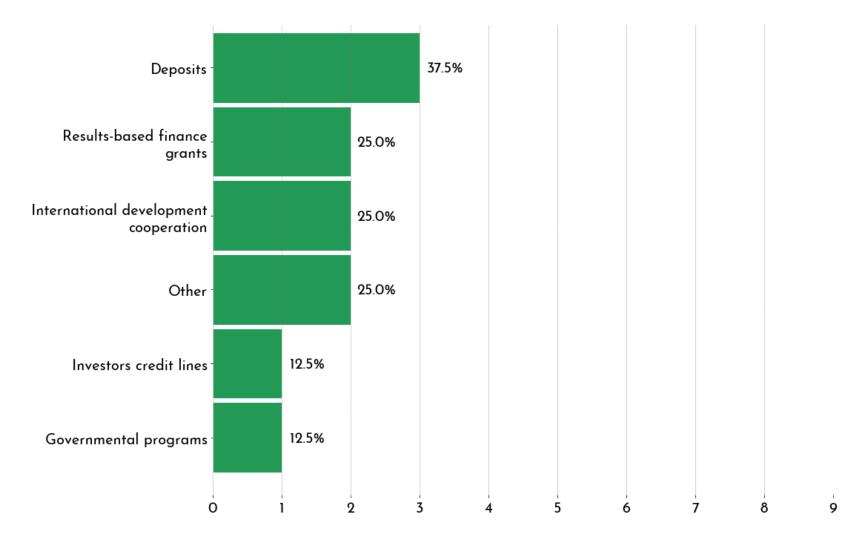








#### Source of Funds for Green Products

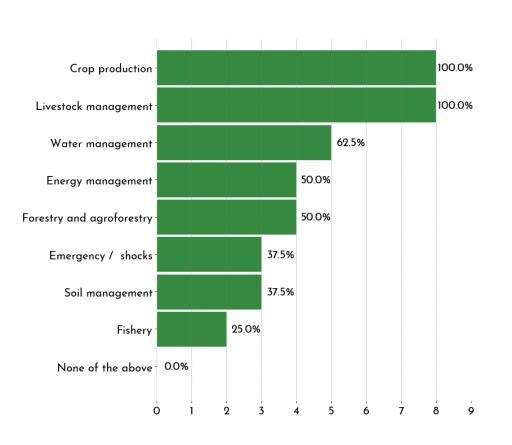




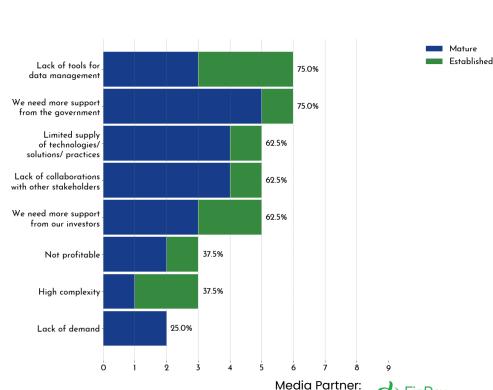




# Offer in Sustainable Agriculture



#### and Barriers



Financed by:



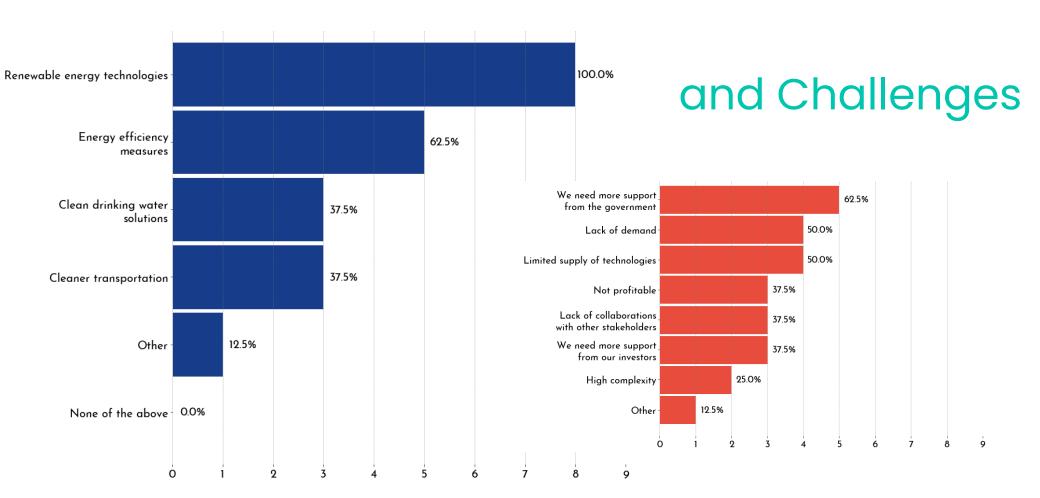
In partnership with:





r: FinDev Gateway

# Offer of Green Financial Products



Financed by:

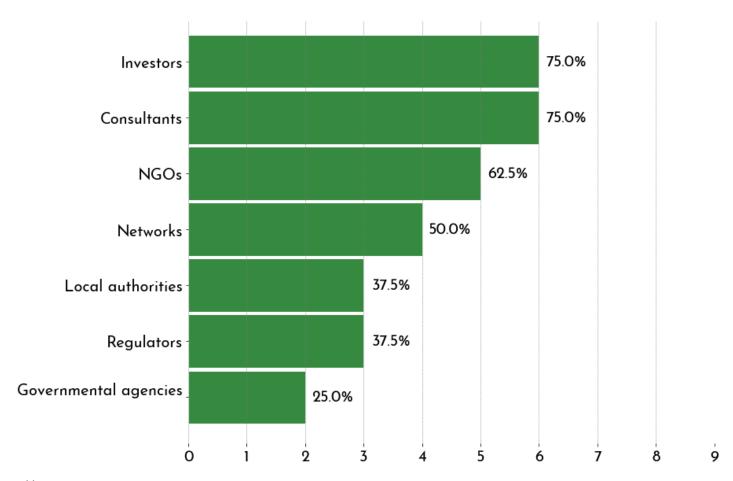


In partnership with:

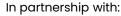




# Stakeholders that could support



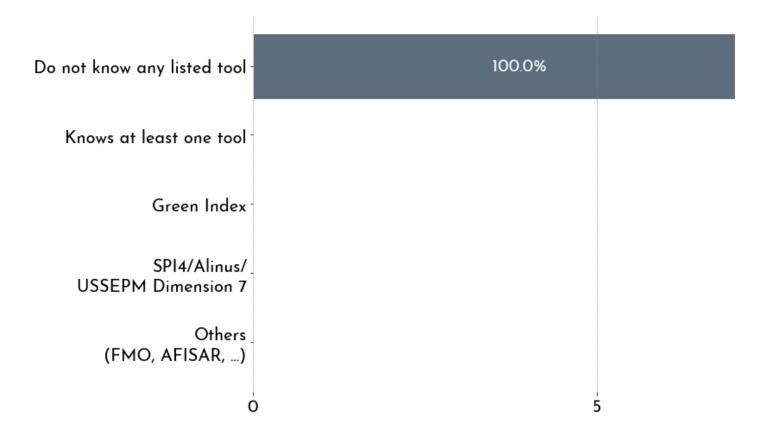








## Tools Knowledge on **Environmental Performance** Management



In partnership with:







## Thank you!

Natalia Realpe Carrillo | CEO

Natalia@hedera.online







# Sustainable Finance Capturing the opportunity









Chemonics Egypt

Consultants



#### Sustainable Finance

→Finance, which includes environmental and social consideration in a systemic way in investment processes

It is not rocket science!

It is easier than you think

You are already doing it!

It is good business

Believe me ©





































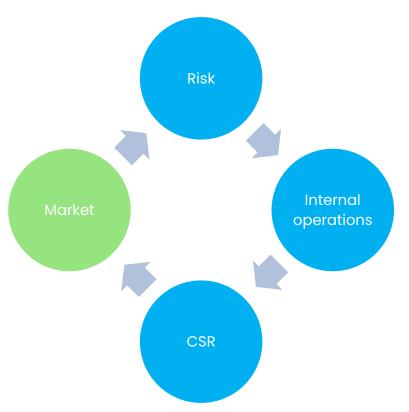






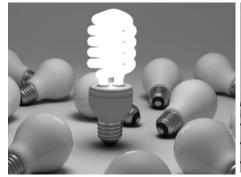


## Operational Elements





















# Sustainability Markets in MENA



Education

Health

Sustainable energy

Agriculture

Water

Sustainable food

Recycling

Digitalization

Gender inclusion

Transport

Arab league of nations countries require at least 40 billion USD of finance (30% of it in micro loans) to capture opportunity in solar irrigation

North African medical equipment and supplies market in 2022 exceeding 2.7 Billion USD





Green finance/climate finance are part of sustainable finance (with key markets typically focusing on sustainable energy and water, recycling)





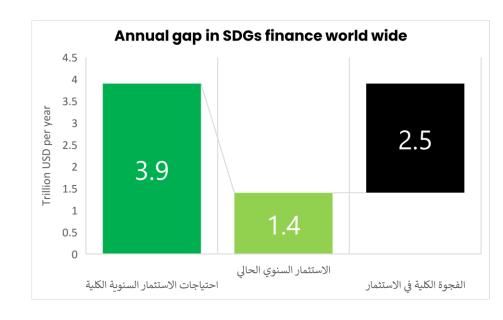


## Sustainability Markets

Chemonics Egypt
Consultants

in MENA

- Less contested, untapped, rapidly growing market opportunities
- ✓ If done well can be less risky than regular finance
- ✓ Improves borrower business case
- ✓ High market demand since multiple sustainable technologies have high upfront cost



Key opportunities exist for microfinance in sustainable agriculture, trading and contracting for energy/water, renewable energy, and energy efficiency in retail and micro firms







## Key Challenges for MFIs

- Limited market visibility
- Higher perceived (technology) risk
- Longer processing time (more costs)
- Tracking impact
- Low salvage value
- **Cost fluctuation**
- Regulations
- Higher CAPEX and longer maturity





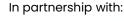




















## Key Challenges for Borrowers

- Limited awareness
- Finding trust-worthy supplier
- Payment terms can be difficult
- High interest
- Not associating MFIs with such type of finance
- Geographical limitations since large market portion is away from urban centers























### **Best Practices**

- Designing tailored products
- ✓ Effective market targeting
- Strong collaboration with technology providers
- ✓ Alternative credit/risk scoring mechanisms
- ✓ Effective and targeted marketing
- Leveraging digitalization and data analytics



Through the IFC CleanTech project, a completely nationally supported solar irrigation product was developed in 2021, specifically designed for very small and small-scale farmers.

This initiative has maintained a 0% nonperforming loan (NPL) rate for the past 2 years, primarily focusing on farmers who might be considered non-bankable.

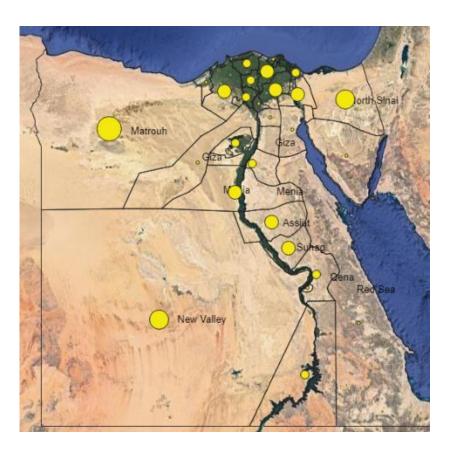








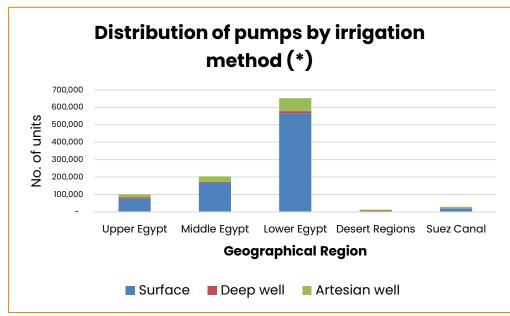
## Effective Marketing Targeting



In partnership with:

Choose the right market for your country and client segments

Success rate of 90% of applicants









### **Effective Client Selection**

 Clients buying biogas systems while also having farms enjoy 3 x IRR in purchasing a biogas system













## **Alternative Risk Schemes**

Market and behavioral driven risk schemes can be more effective specially when coupled with digital tools

In partnership with:











## Partnerships with Technology **Providers**

Part of the finance can be channeled through the technology provider









Chemonics Egypt



## Templated Products

- ✓ On-shelf tailored products are critical for green (sustainable finance)
- High level of integration of market and technology with lending terms
- ✓ Leveraging market data and knowledge
- Coordination with suppliers
- ✓ Decreases risk
- Cuts down processing time significantly













## Data Analytics & Digital Tools

- ✓ Swift Feasibility Evaluation
- ✓ Technology Anomaly Detection
- ✓ Price Discrepancy Identification
- ✓ Instant Frontline Alerts
- Digital Client Payments







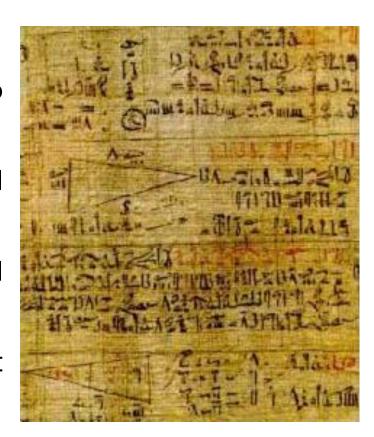


## Summary

- ✓ Enormous opportunity ahead
- Challenges exist but solutions are also on the ground and in the region
- ✓ Avoid a blanket one size fits all approach
- ✓ Market and technology tailored approach is key
- Choose the market and client segment suitable to your country and client base

In partnership with:

√ You can do it



## Thank you!

Dr. Ahmed Huzayyin

a.huzayyin@chemonicsegypt.com







## Al Amal Microfinance Bank المالك الم Sustainable Interventions





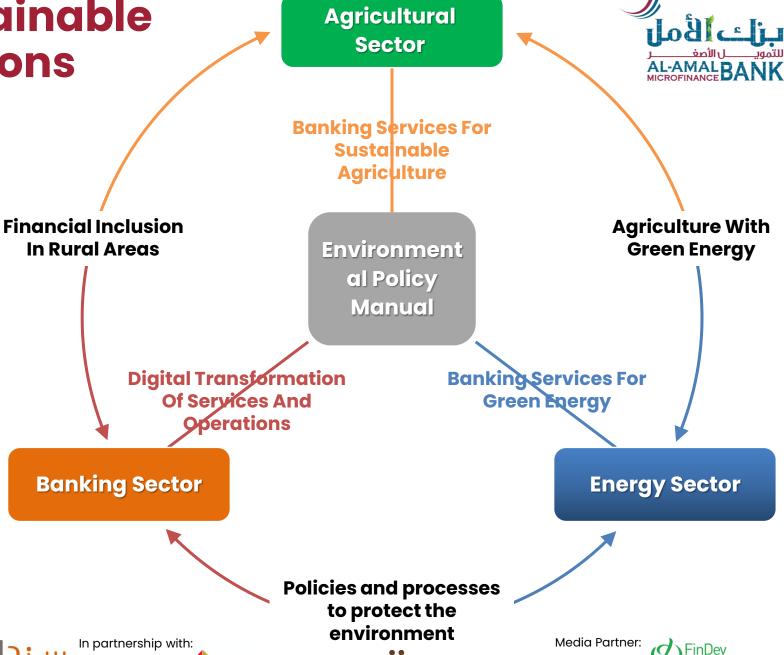






Al Amal Bank's interventions in protecting the environment through sectoral

integration









#### **Agricultural Sector**



#### **Agricultural Loan Product** Partnerships 3. **Support**

- Solar pumps
- Greenhouses
- Drip irrigation systems
- Seeds and fertilizers
- Agricultural equipment
- Livestock

- Donors
- Dealers
- Agri.
  - Associations
- Consultants

- Micro Grants
- Marketing
- Agri. Events.
- Non-Financial Services

# Loans	Distributed Amounts	Farmers	Solar Systems Dealers	Micro Grants
+2,900	5.3 m\$	1,913	120	821









#### **Energy Sector**



#### 1. Green Energy Loan Product

- Free loans for home and SME solar system
- Loans for electric \$ hybrid cars
- Solar lighting units at prices subsidized by **UNOPS**
- Training engineers for solar energy systems

#### 2. Partnerships

- Donors
- Dealers
- Consultants

#### 3. Support

- Free Loans
- Reduced Fees
- After-sales service
- Non-Financial
   Services

# Loans	Distributed Amounts	Solar lighting units	Trained Engineer	Donors
+1,900	2.5 m\$	+20,000	35	UNOPS









### **Banking Sector**



#### PYes Mobile Money App

#### 1. Electronic Payment





Online payment

#### 2. Money Transfer

- Sending and receiving money
- Transferring between accounts
- Transferring to other wallets

#### 3. Banking Services

- Electronic loan
- Electronic letter of guarantee
- Cash assistance (social transfers)

#### 2. Digital Transformation

Loans	<ul> <li>E-Loan Via PYes App</li> </ul>	
Saving	<ul><li>Mobile Banking</li><li>Internet Banking</li></ul>	
Money Transfer	• Via PYes App	
Letter Of Guarantee	• E-LG Via PYes App	
Cash Assistants	<ul><li>Mobile Distribution App</li><li>Web Reporting System</li><li>Cloud Archiving System</li></ul>	
Internal Operations	<ul> <li>Intranet (Internal Communications).</li> <li>Full Automated HR Management Sys.</li> <li>Institutional Memory System.</li> <li>CRM System.</li> </ul>	







## Thank you!

**Bandar Albadwi** 

baldabwi@alamalbank.com







## Driving Sustainable Finance in Yemen





In partnership with:



## The Al-Itihad Microfinance Program in Yemen



- The Al-Itihad Microfinance Program is one of the programs of the Social Fund for Development.
- The **Yemeni Women's Union** is the guarantor
- The existing program portfolio is estimated at about 1,691,956,799 Yemeni riyals, equivalent to 1,208,540 US dollars, with an estimated number of 3.173 customers
- The percentage of green financing constitutes about 40% of the existing portfolio
- The Al-Itihad Microfinance Program recognizes that green financing is not just an option but an urgent necessity due to its significant benefits and relatively minimal drawbacks and risks.





# What prompted AMfP to embrace clean green finance?



There are several factors behind Al-Itihad Finance's transition towards clean energy, making it one of the most customer-friendly microfinance programs.

- Social Responsibility: This involves contributing to the reduction of carbon emissions in the atmosphere.
- Escalating Fuel Costs: The high expense of fuel, coupled with its scarcity, compelled the search for an alternative source of electrical energy.
- Availability of Clean Systems: Clean energy systems are readily available in the market, coming in various sizes and reasonably priced to align with the living standards of a broad segment of society.





# What prompted AMfP to embrace clean green finance?



Moreover, one of the key factors that directed the focus of the Al-Itihad Microfinance Program towards clean energy as a microfinance initiative, and also due to its close interaction with customers, is as follows:

- **Agricultural Environment:** The program operates within an agricultural setting characterized by numerous farms and diverse crops cultivated year-round. This environment necessitates an energy source for groundwater extraction and crop irrigation.
- Commercial and Service Activities: There are several commercial and service activities in the region that lack a reliable energy source for initiating or sustaining production.
- Efficient Water Usage: The excessive use of groundwater through flooding irrigation methods has prompted the need to adopt modern and efficient irrigation techniques.











Revolving around renewable green energy, the Al-Itihad Microfinance Program intervenes in crucial sectors, including:

- **Home Energy Empowerment:** We finance solar energy setups for homes, including solar panels, inverters, charging devices, and batteries.
- Project Energy Catalyst: We extend support to energize customer projects using solar solutions.
- Agricultural Vitality: Our program funds energy systems for groundwater extraction and crop irrigation through solar panels, submersible units, and mobile bases.
- Sustainable Water Management: We finance solutions to counter groundwater depletion, such as drip irrigation, advanced networks, and water collection tanks.







## Cost of fuel needs for Al-Itihad customers before disbursement of green financing

Systems ranging from agricultural, household and investment systems provided by Al-Itihad in the form of green financing

The average amount of fuel required to cover the need for electricity during 30 days in liters Average amount of fuel required to cover the need for electricity during 24 months in liters

612 (366 women)

600

14400

1400

12.337.920.000

8.812.800

Price per liter of fuel in Yemeni riyals

**Fuel cost within 24** months in Yemeni riyals

**Fuel cost within 24** months in USD







## **Expected Amount of Carbon** Emissions if Al-Itihad does not offer Green Financing



Average amount of fuel required to cover the need for electricity during 24 months in liters

The amount of carbon dioxide in kg resulting from the combustion of 1 liter of fuel

The amount of water in liters produced by the combustion of 1 liter of diesel fuel

8.812.800

0.8

7.314.624

Amount of carbon dioxide in kg resulting from the combustion of diesel fuel during 24 months

14.629.248

Amount of water in liters resulting from the combustion of diesel fuel during 24 months

All these emissions would have been released into the atmosphere, contributing to the escalation of global warming and climate change.





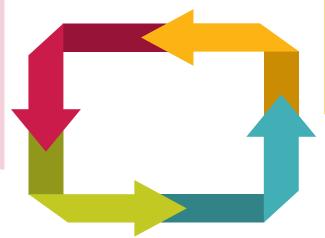
# Economic Returns from Financing the Target Group for Green Finance



USD 269.872

377.821.430 YER

The value of green systems disbursed by Al-Itihad in the form of clean financing during 2021/2022 in Yemeni riyals



The value of green systems disbursed by Al-Itihad in the form of clean financing during 2021/2022 in US dollars

11.960.098.570 YER

The amount saved by the target group for green energy activities in Yemeni riyals

The amount saved by the target group of green energy activities in US dollars







### **Environmental Returns from** Financing the Target Group for Green Finance



7.314.624

The quantity of carbon dioxide in kilograms, generated through the combustion of diesel fuels, has been curtailed from entering the atmosphere over a span of 24 months.

14.629.248

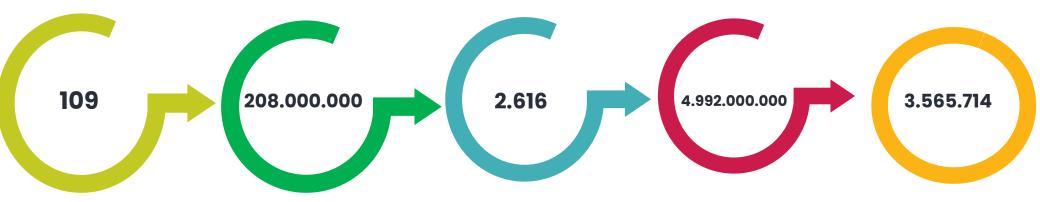
The volume of water in liters, stemming from the combustion of diesel fuel, has been restricted from its discharge into the atmosphere over a 24-month period.





## Future directions of Al-Itihad Microfinance Program towards clean green financing during 2023-2024





Number of customers that Al-Itihad aims to grant green financing during the month

The amount of green financing that Al-Itihad will customers that Aldisburse to customers during the month in Yemeni riyals

**Number of** Itihad aims to grant green financing during 2023 / 2024

The amount of green financing that Al-Itihad will disburse to customers during 2023/2024 in Yemeni riyals

The amount of green financing that Al-Itihad will disburse to customers during 2023/2024 in US dollars

Financed by:





## Thank you!

Mustada Al-Ahdal

mustafaalahdal004@gmail.com

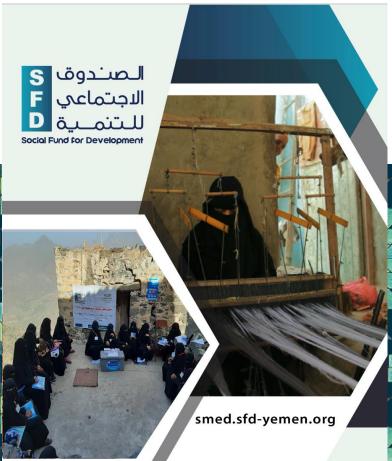






## Developments and Challenges in Green Microfinance in Yemen















Media Partner:



## Small and Micro Development - E Social Fund for Development



- SFD was established by Law No. 10 of 1997 to contribute to achieve, and align its programs with, goals of the national social and economic development plans for poverty reduction.
- SFD pursues its mandate through its three programmes:
  - Social Safety Net & Transforming Livelihoods
  - Community & Local Resilience Recovery
  - Economic Resilience and Growth Programme (ERGP)
    - Focused on sustainable and creative solutions to facilitate economic growth through financial and nonfinancial services







## Opportunities in Green Microfinance for Yemen



- Awareness among people towards green energy and its benefits, due to long hours of electric cuts
- Increase in the number of agricultural loans (Solar power such as Solar pumps)
- · Introducing new technologies mobile apps, mobile wallets in rural areas (reduction of costs, improving the service)

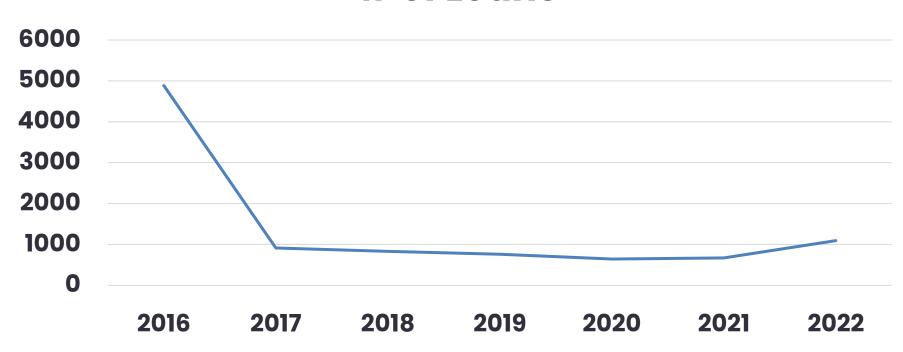






### Number of Green Loans

#### # of Loans





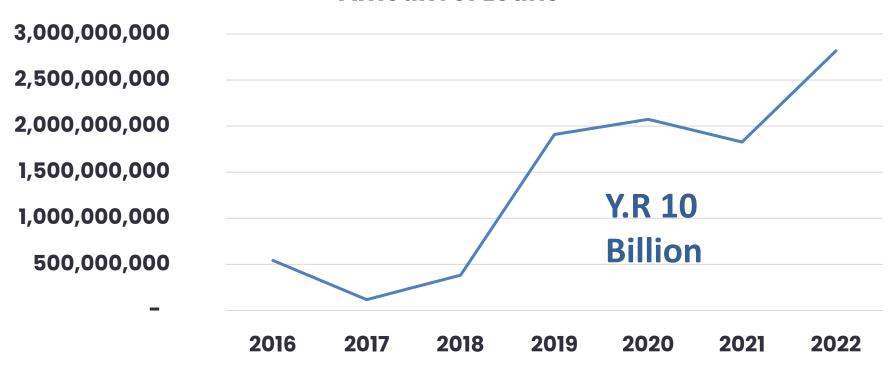






## Volume of Green Loans

#### **Amount of Loans**



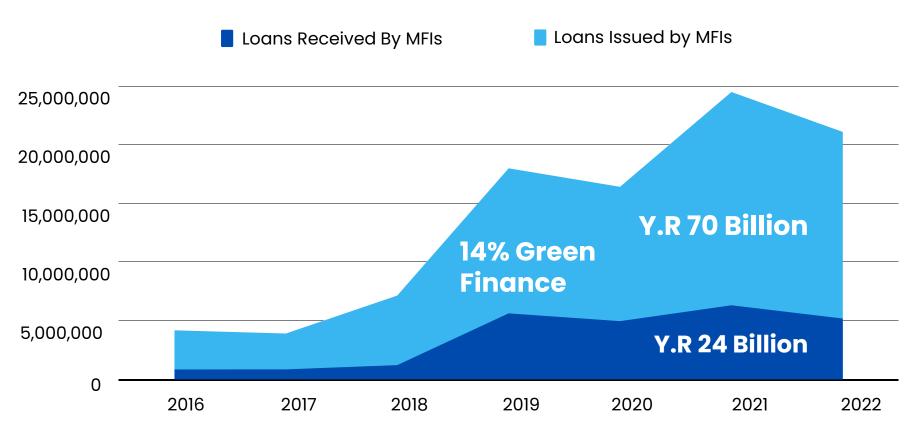






## Loans Disbursed (in Thousand YER)











# Sustainable Finance – Green Microfinance Current Interventions



- Village Savings and Loan Associations (VSLAs) –
   Green non-financial services
- Spreading Financial Literacy through Mobile Money Model (Partner - YMN), similar model can be utilized for Green Microfinance
- Capacity Building for MFIs on Responsible Finance







## Challenges/Needs for Green Microfinance in Yemen



- Limited green financial products and non-financial services
- Raise awareness among current and potential clients on Green Microfinance
- Difficulty in implementing innovative ideas for green business, especially among young and entrepreneurial population
- Limited Green Microfinance outreach in rural areas





## 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

Live translations into Arabic and French

Media Partner:

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









