

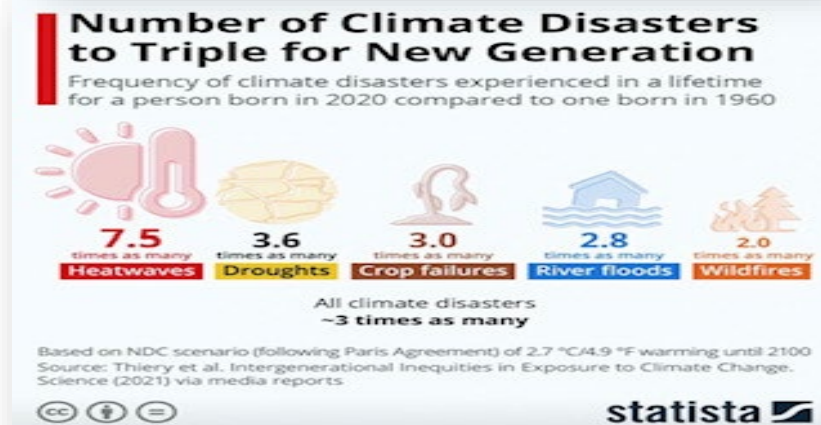
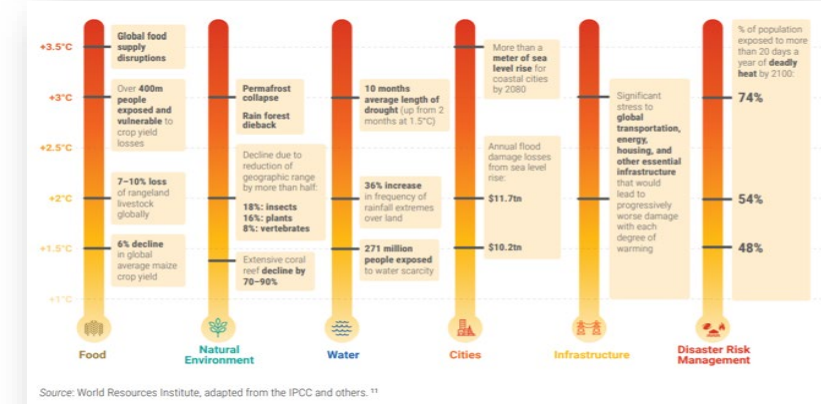
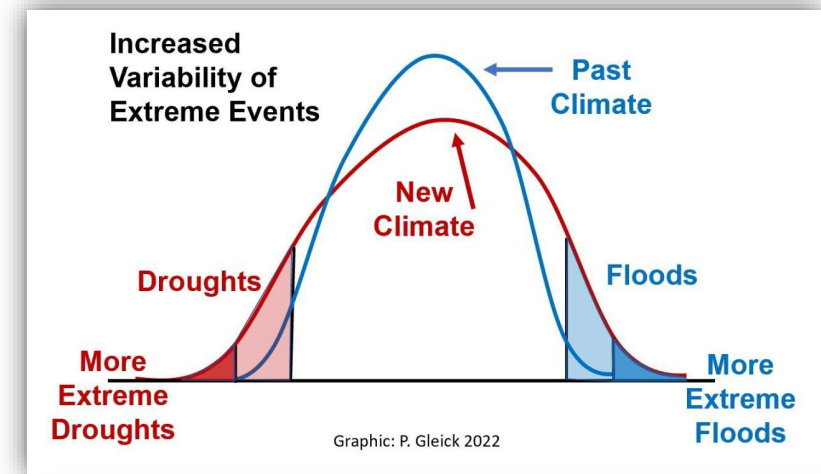
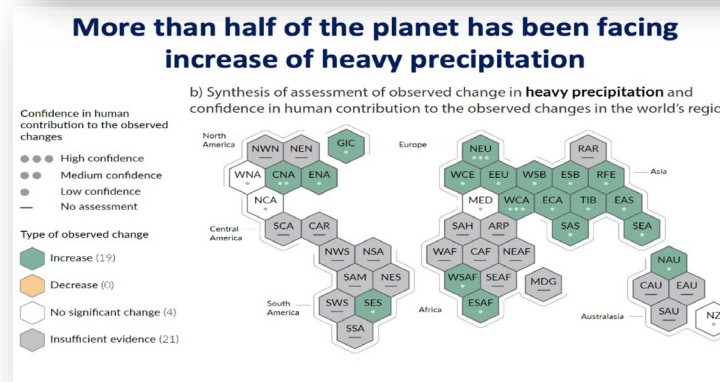
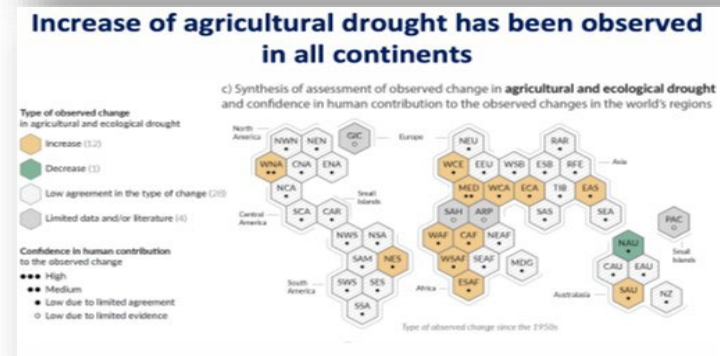
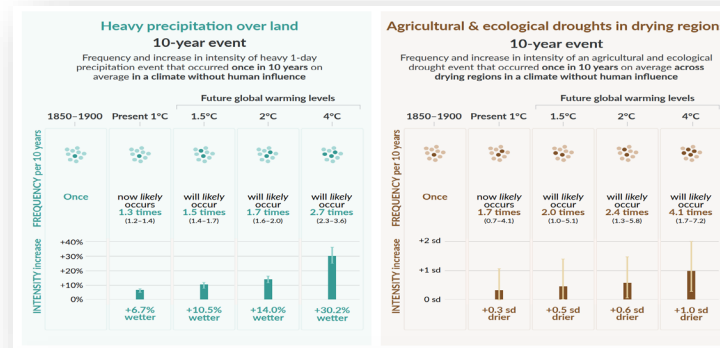
GCF-MENA Regional Portfolio

Dr Amgad Elmahdi
Aelmahdi@gcfund.org

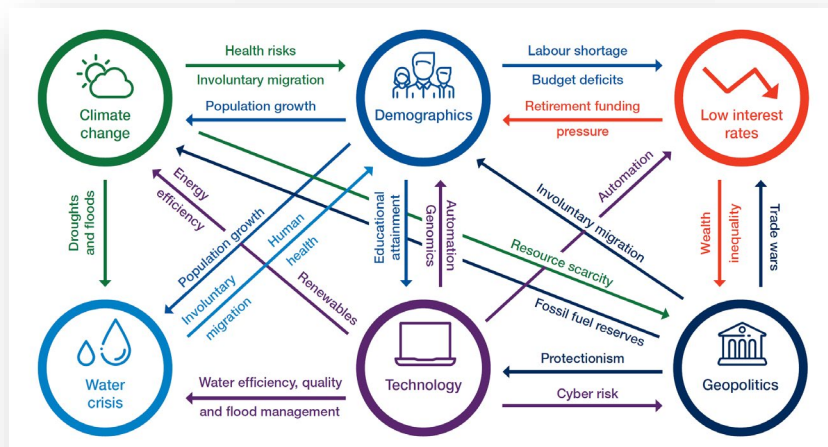
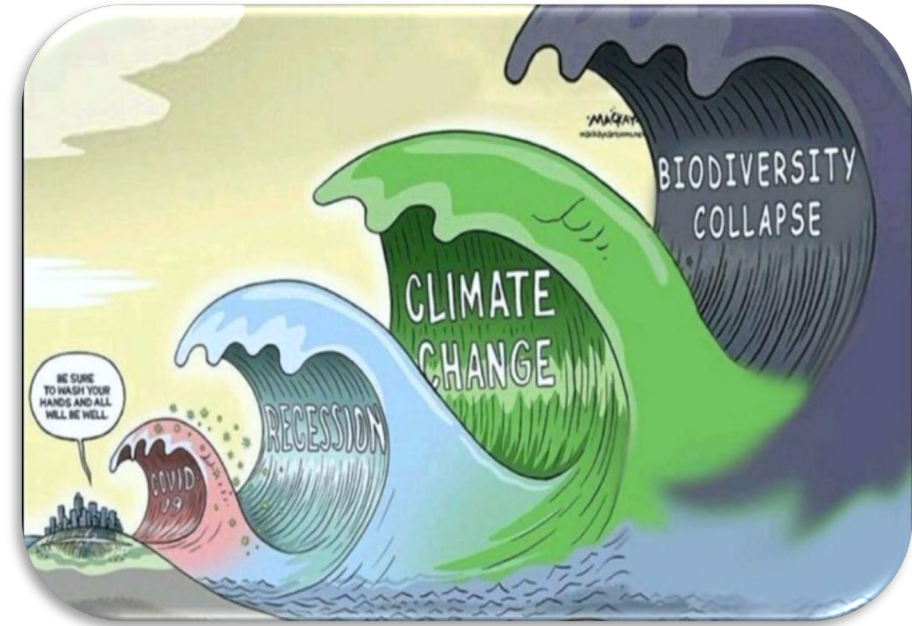
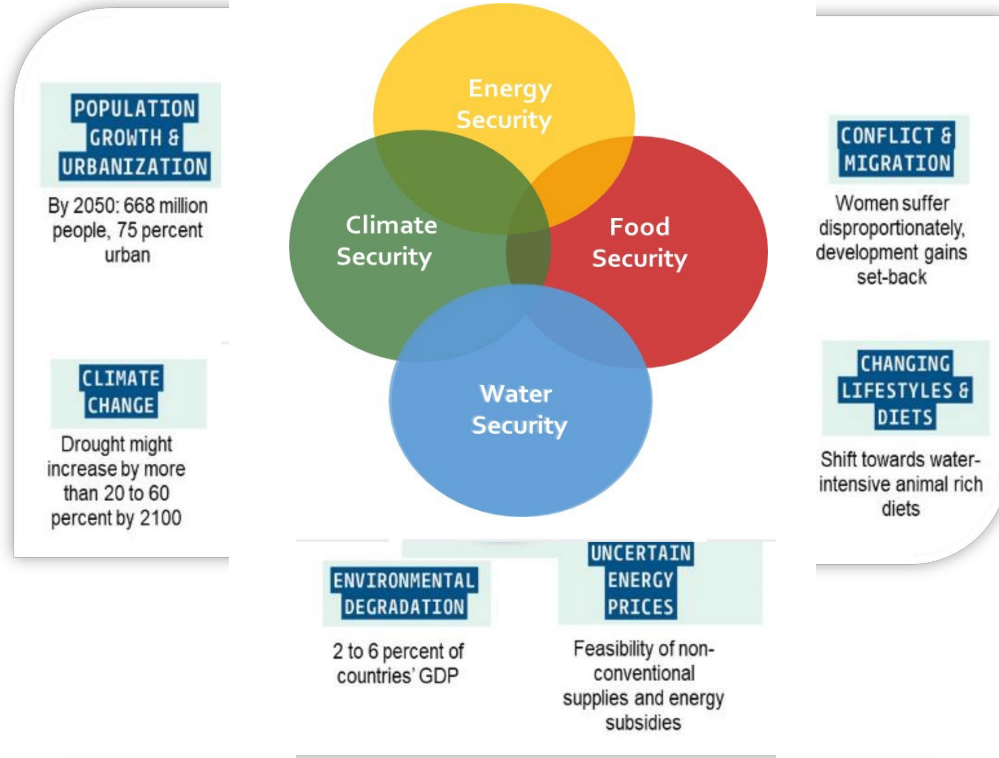
MENA-Regional Manager

Where we are!!

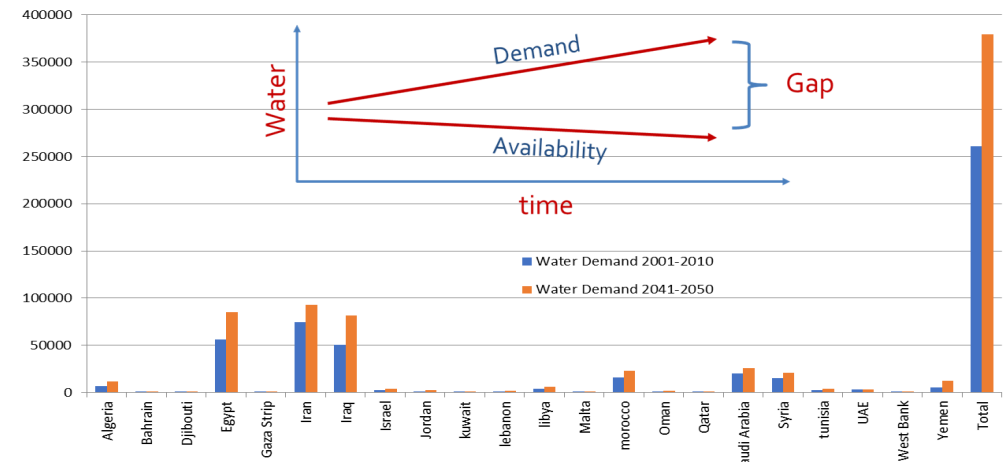
- The world faces **unavoidable multiple climate hazards** over the next two decades with global warming of **1.5°C** (2.7°F).
- With every increment of global warming, **changes get larger in regional mean temperature, precipitation and soil moisture**
- IPCC **More water leaving dry areas and more water moving to wet areas**—Changes in glaciers and snowing mountains – changes in runoff
- Around **80 % of climate impacts are manifested through water** – extreme precipitation, drought, melting ice, sea-level rise and more.



Where we are!!

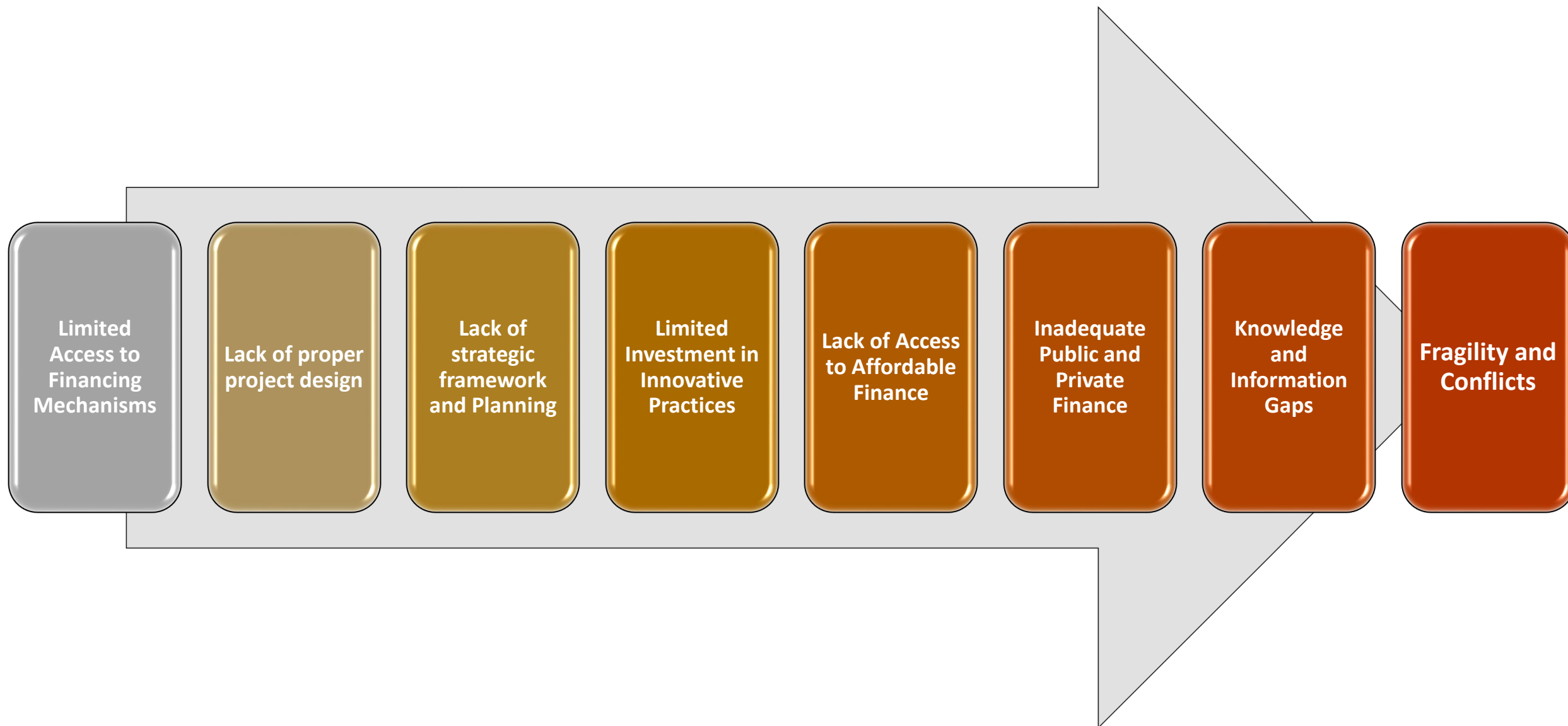


Projected Demand in MENA by 2050 m3



17 Countries, Home to One-Quarter of the World's Population, Face **Extremely High-Water Stress**.

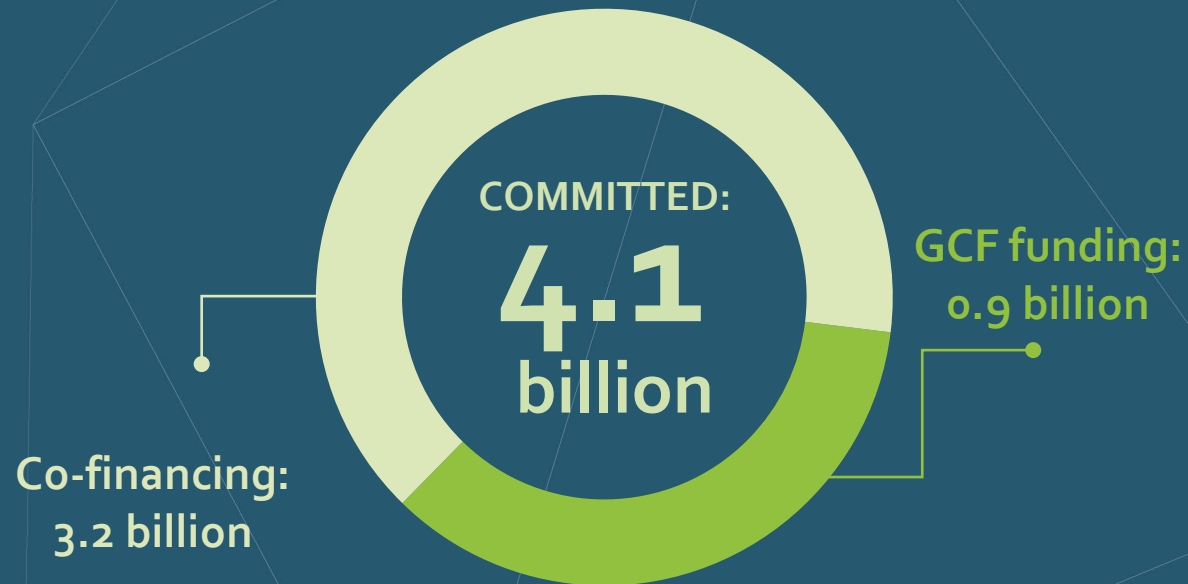
Obstacles to Financing Adaptation and Mitigation



GCF Approved Projects In MENA (USD)



Share of Funding



GCF Funding

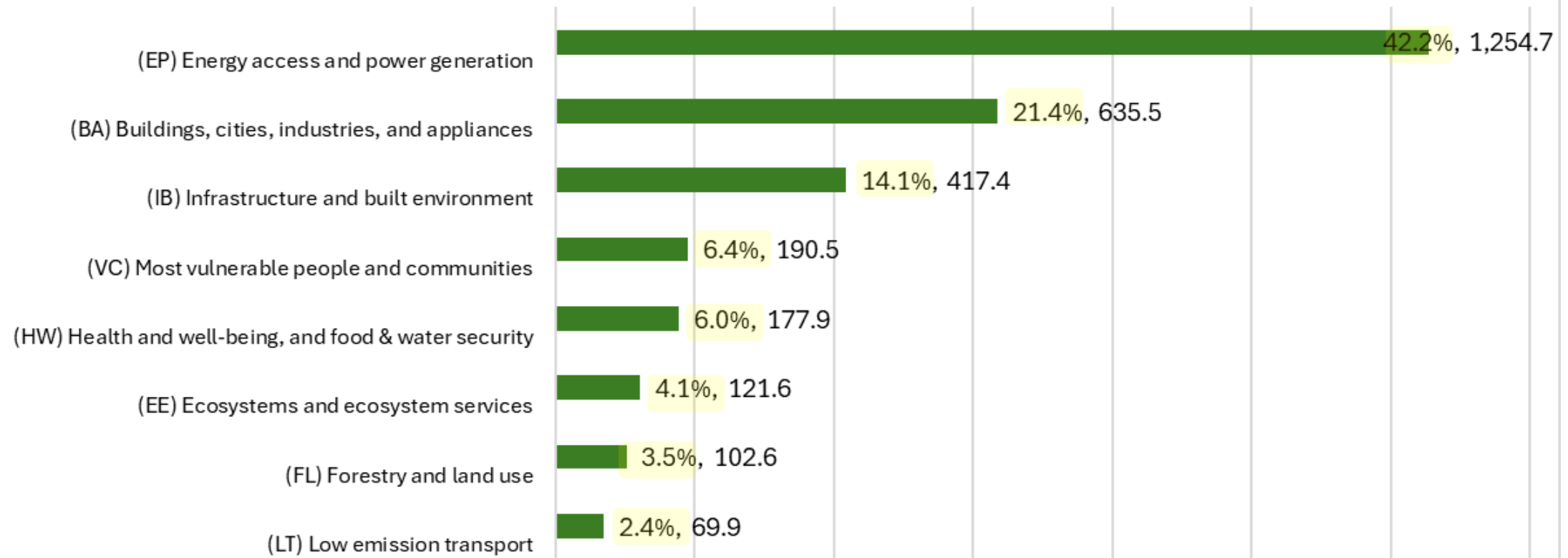
0.9
billion

21
projects*

UNDER IMPLEMENTATION

***13** MULTI-REGIONAL
PROJECTS INCLUDED

GCF Portfolio in MENA Region: by result area (USD \$M)



MENA Projects Overview

Countries	Type	Approved Projects (USD \$ M)			Pipeline Projects (USD \$M)		
		Multi-country	Single Country	Total GCF financing	Multi-country	Single Country	GCF funds
Algeria	Non-LDC	0	0	0	1	1	46.2
Bahrain	Non-LDC	0	1	2.32	0	0	0
Egypt	Non-LDC	2	2	296.6	7	1	149.4
Iran	Non-LDC	0	0	0	0	0	0
Iraq	Non-LDC	0	0	0	0	2	37.9
Jordan	Non-LDC	6	1	99.53	3	2	291.0
Libya	Non-LDC	0	0	0	1	0	3.2
Lebanon	Non-LDC	2	0	4,01	1	0	3.2
Morocco	Non-LDC	9	3	266.6	8	10	764.8
Oman	Non-LDC	0	0	0	0	1	22.0
Palestine	Non-LDC	0	1	25.7	2	1	16.04
Tunisia	Non-LDC	9	0	220.6	2	1	38.3
Syria	Non-LDC	0	0	0	0	0	0
Yemen	LDC	0	0	0	0	0	0

Role of Climate Finance in Mitigation & Adaptation

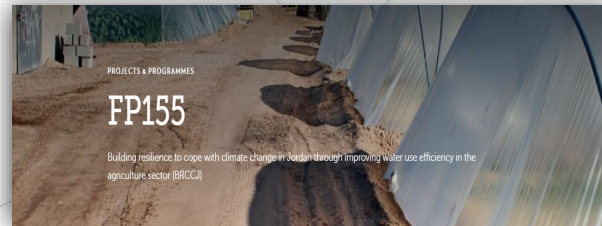


- **Mitigation Projects:** Examples of renewable energy projects, energy efficiency initiatives, and sustainable transport solutions



- **Impact:** Reduction in greenhouse gas emissions, promotion of sustainable development

- **Adaptation Projects:** Water resource management, resilient infrastructure, agricultural adaptation strategies



- **Impact:** Enhanced resilience, reduced vulnerability of communities and ecosystems

- Scaling up renewable energy in Egypt through renewable energy integration and leveraged investments.

- GCF Finance: Grant **\$4.7M** and Loan **\$150M**

- Co-Finance: **\$852.3 M**

- Impacts: **18.9m** Tonnes Reduced

- AE: EBRD

- Strengthen vulnerable farmers' climate resilience - particularly women who play a critical role in Jordan's agricultural sector.

- GCF Finance: Grant **\$25M**

- Co-Finance: **\$8.2 M**

- Impacts: **212.4K Beneficiaries**

- AE: FAO

Active Entities

- 6 AEs- in 3 countries only (Morocco, Tunisia, Jordan)
- DAEs: 2 regional (OSS, AWB) and 4 National (CVDB, MASEN, ADA, CDG)
- Active IAEs (with approved FPs: AFD, AFDB, EBRD, FAO, FMO, IUCN, MUFG_BANK, PCA, UNDP, UNEP, World Bank, IFC)



Regional AEs



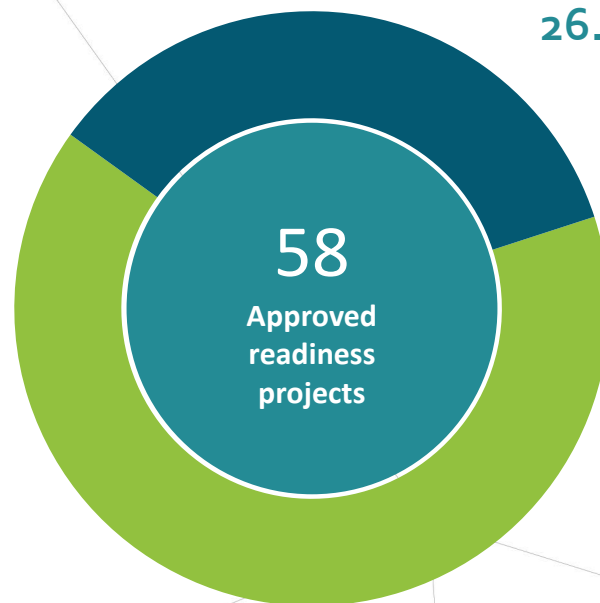
National AEs



GCF Approved Readiness in MENA Region



Readiness
grants
approved
49.1 millions



Readiness
grants
disbursed
26.5 millions

3 Multi-Country Readiness project

MENA COUNTRIES HIGHLIGHTS



Programming

- **12** countries with **NO** projects approved
- **14** countries with **NO** single-country projects approved
- **2** countries with **approved MC**, but **NO SC**
- **9** countries in **pipeline**
- **16 SC** in the **pipeline**
- **9 MC** in the **pipeline** covering **8** countries (Algeria, Egypt, Jordan, Lebanon, Libya, Morocco, Palestine, Tunisia)

Mobilized Finance

- GCF approved **21 FP** (**13 MC** and **8 SC**) in MENA region: GCF \$0.92B (6%) Co-financing **\$3.18B (1:3.5)**
- GCF approved a total of USD **49.7 M** in readiness support

Challenges

- Many countries in MENA region have **high Fragility** (e.g. Yemen 2nd also LDC; Syria 6th highest FSI rank among 179 countries).
- Climate **Variability**: Countries in MENA region also have low capacity to climate change
- Many countries in the MENA region are under-restrictions such as Yemen, Iran, Iraq, Syria, Lebanon and Libya.

Priority countries:

- **With No Projects Approved:** Algeria, Iran, Iraq, Libya, Oman, Syria, Yemen
- **With NO single-country projects approved:** Algeria, Iran, Iraq, Lebanon, Libya, Oman, Syria, Tunisia, Yemen
- **With Conflict and fragility :** Lebanon, Libya, Palestine, Syria, Yemen, Iraq
- **Sector Priorities:** Water security, Sanitation, Food Security, energy transition
- **Underserved Sector:** Health, Education, Transportation

MENA Regional Plan 2024

18 Countries (16 NDAs and 6 DAEs)

DCP

Middle East and North Africa -MENA Region

Algeria, Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, State of Palestine, Saudi Arabia, Syria, Tunisia, Yemen, United Arab Emirates, Qatar

Work Plan

2024

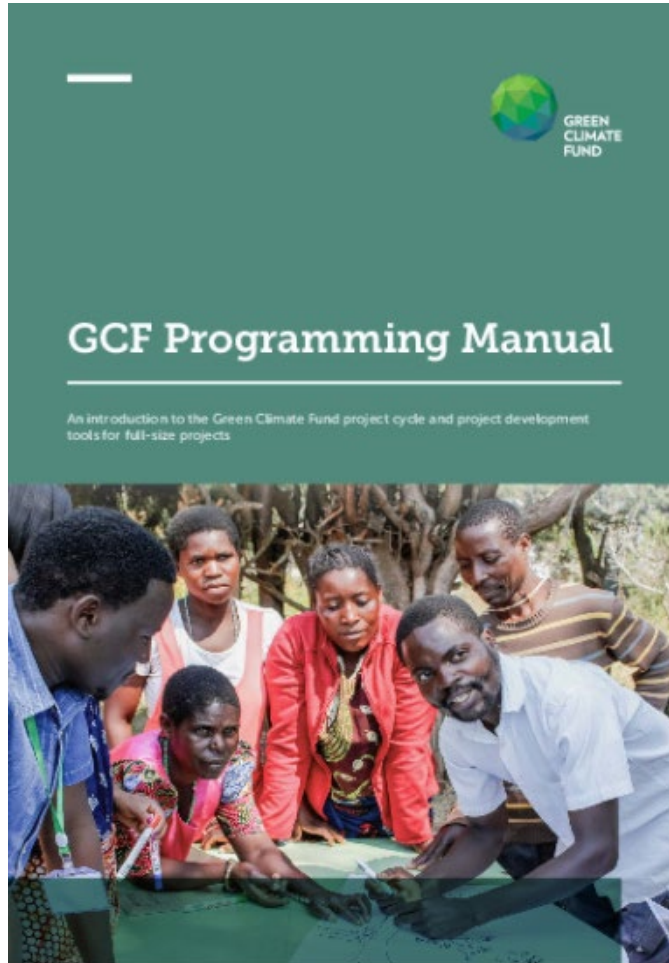
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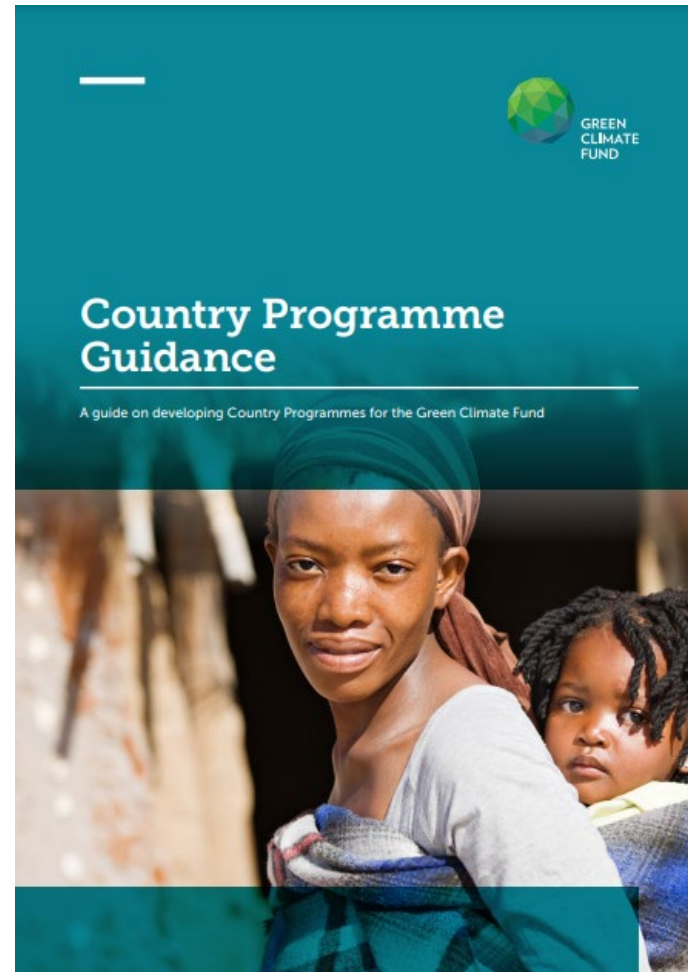




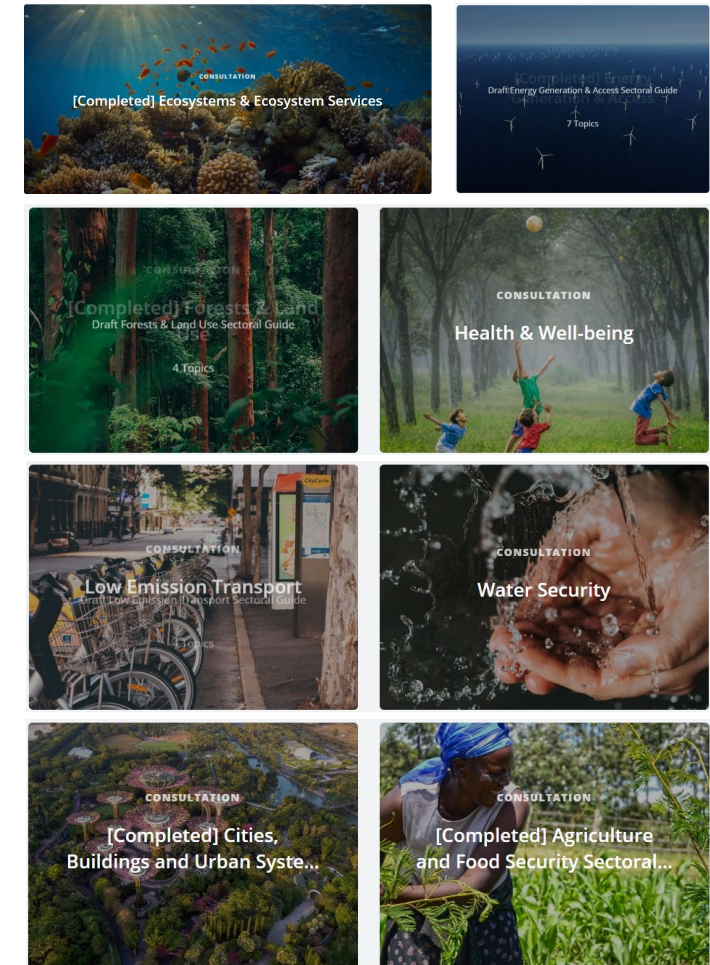
A STRATEGIC APPROACH TO Programming



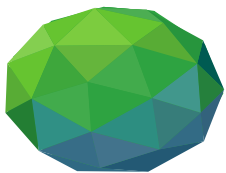
GCF's Programming Manual



GCF Country Programme Guidance



GCF Sectoral Guides



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Take home Messages

GCF supporting the countries to meet the Paris Agreement through:

- No of mechanisms (*NAP, Readiness program, PPF, FP*)
- Several financial instruments (*Grant, Loans, Equity, Guarantees*) and *blended finance*

The Sector Guides, layouts the strategy for GCF investment in the sector

- *Water, Food security, Health, Transport, Cities, Energy, Education, etc*

GCF can *de-risk investments and mobilize the private sector, improve security and community resilient while help reduce the GHG emissions and support carbon market* by:

- *Support countries develop, adapt policies and legislation* to creates an *enabling investment environment* to identify, design, and implement public and private *funded transformational water security interventions as a new asset class*
- *Finance the transition and de-risk private* investment in *address financial market barriers and ensure affordability and bankability* to unlock water reuse and desalination investment,
- Supporting *new financial models accompanied with acceptable revenue* in line with Paris agreement targets and SDG

GCF is ready to work and partner with you to programming and support the MENA Region to tackle Climate Change

Thank You



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CLIMATE
FUND

Dr Amgad Elmahdi
Regional Manager - MENA
Chair of Water Security Bureau-IWRA



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<https://www.greenclimate.fund/>



[@Dr_AmgadElmahdi](https://twitter.com/Dr_AmgadElmahdi)

Project case study



FPo42

Irrigation development and adaptation of irrigated agriculture to climate change in semi-arid Morocco

Total project funding: USD 82.3 million
GCF funding: USD 21.7 million in senior loans and grant
Project beneficiaries: 15,500
Accredited Entity: AFD

- The project provides sustainable irrigation to improve the climate resilience of subsistence oasis farming and larger-scale date and olive agriculture within the Boudnib Valley.

Livelihoods of people and communities: 18.00%

Health, food, and water security: 36.00%

Infrastructure and built environment: 29.00%

Ecosystem and ecosystem services: 17.00%



FP155

Building resilience to cope with climate change in Jordan through improving water use efficiency in the agriculture sector (BRCCJ)

Total project funding: USD 33.3 million
GCF funding: USD 25 million in grant
Tonnes of emissions avoided: 212,416
Accredited Entity: FAO

- This project will increase new supplies of water by recycling wastewater and harvesting rainwater. By reducing the demand on groundwater sources through efficient cropping and water use practices, the project will bolster vulnerable farmers' climate resilience - particularly women who play a critical role in Jordan's agricultural sector.

Livelihoods of people and communities: 19.00%

Health, food, and water security: 81.00%