



وكالة التنمية الفلاحية  
Agence pour le Développement Agricole



ADAPTATION FUND

Climate Finance Readiness Workshop for NIEs  
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# FAO's support to countries on climate change adaptation - MENA Region -

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[www.fao.org/climatechange](http://www.fao.org/climatechange)

# Main areas of support

FAO is supporting member states in their response to the impacts of climate change by providing:

- **technical guidance** on adaptation;
- **data and tools** for improved decision making;
- Support for the implementation of **adaptive measures** - and **access to climate finance**.

## Frameworks:

- FAO-Adapt
- Climate-Smart Agriculture
- [Disaster Risk Reduction for Food and Nutrition Security](#)



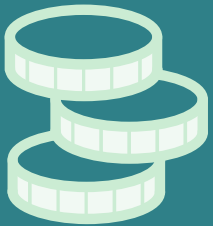
# Enabling Adaptation



Adaptation should be a **country-driven, evidence-based, gender-sensitive and flexible process**



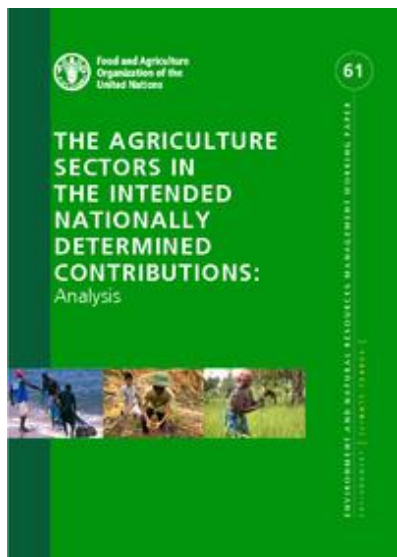
All key stakeholders dealing with natural resources must work together



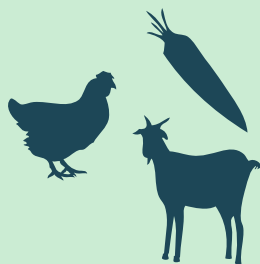
To meet all adaptation needs, **climate finance should be 6 to 13 times greater by 2030** from both domestic and international sources

# Agricultural sectors are central to the response to climate change

Out of the 130 countries that include adaptation in their INDCs:



**95% refer to crop  
and livestock  
production**



**83% refer to  
forests**



**46% refer to  
fisheries and  
aquaculture**

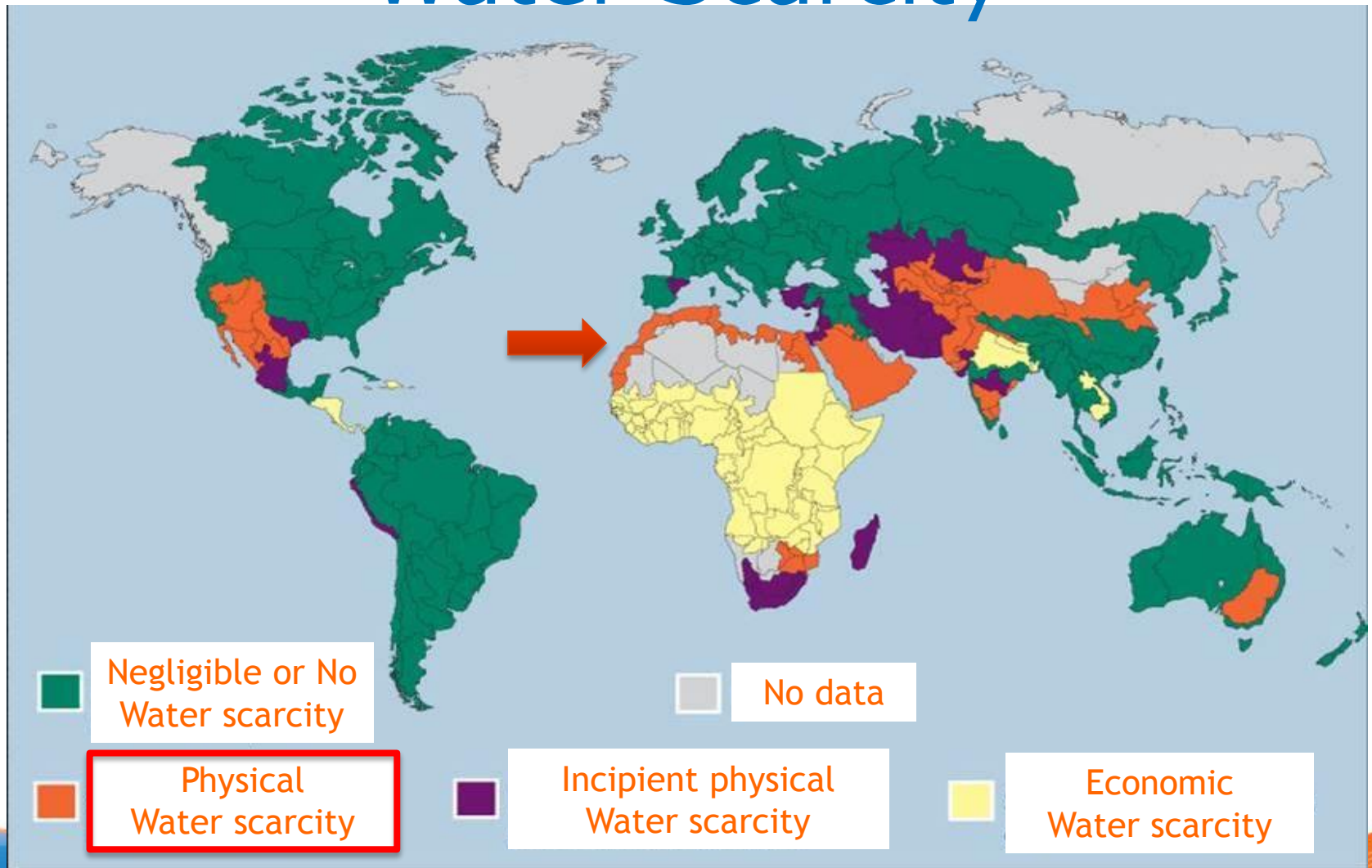


# Priorities of MENA Region

- 88% include adaptation in their INDCs.
- 95% percent refer to water, crops and livestock.
- 85% highlight climate change impact on water services.
- Many countries mention the need to carry vulnerability and impact assessment, and
- Link with actions against desertification
- **Adapting agriculture to climate change** is closely linked to water management
- Innovative and sustainable **water-management technologies**, combined with appropriate **policies** and **strategies**, will help in the adaptation to climate change



# Water Scarcity





# Adaptation Projects & Tools

- Agriculture Stress Index System (ASIS) *Global*
- Integrating Agriculture in National Adaptation Plans Programme (NAPs) *Africa, Latin America, Asia*
- Self-evaluation and Holistic Assessment of climate Resilience of farmers and Pastoralists (SHARP) *Africa*
- MOdelling System for Agricultural Impacts of Climate Change (MOSAICC) *Morocco*



# Projects in MENA Region

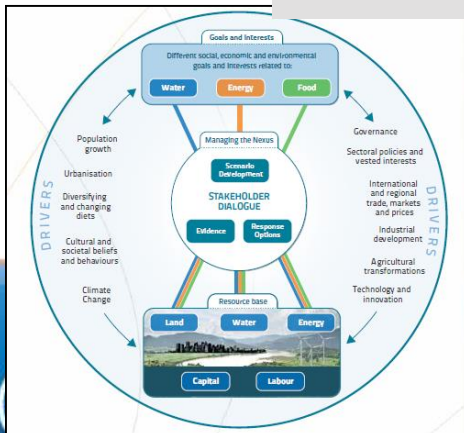


**Climate Change Adaptation Solutions** for the Green Sectors of Selected Zones in the MENA Region



MENA Regional **Drought Management System**

## Water Productivity



## Groundwater Governance

**Strategic planning** and policies for sustainable water resource management (adopting the WFE-Nexus approach)



# MENA Regional Initiatives



Supporting countries of the region in their efforts to achieve their goals in food security and nutrition while being exposed to challenges of acute vulnerabilities, shocks and stresses



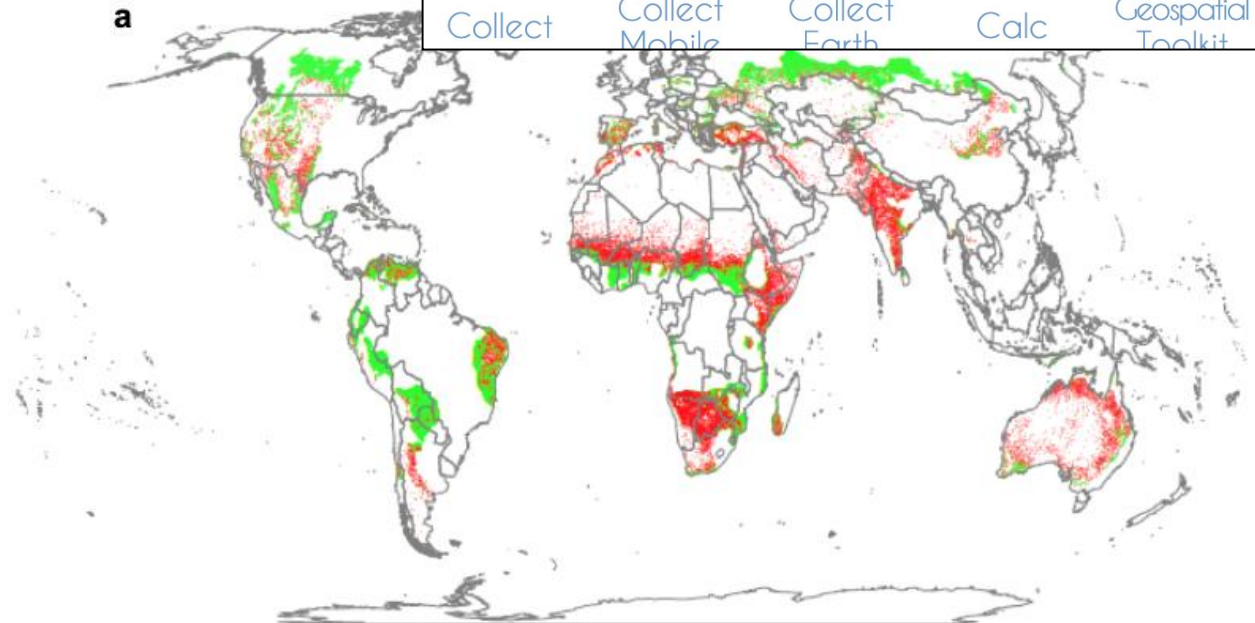
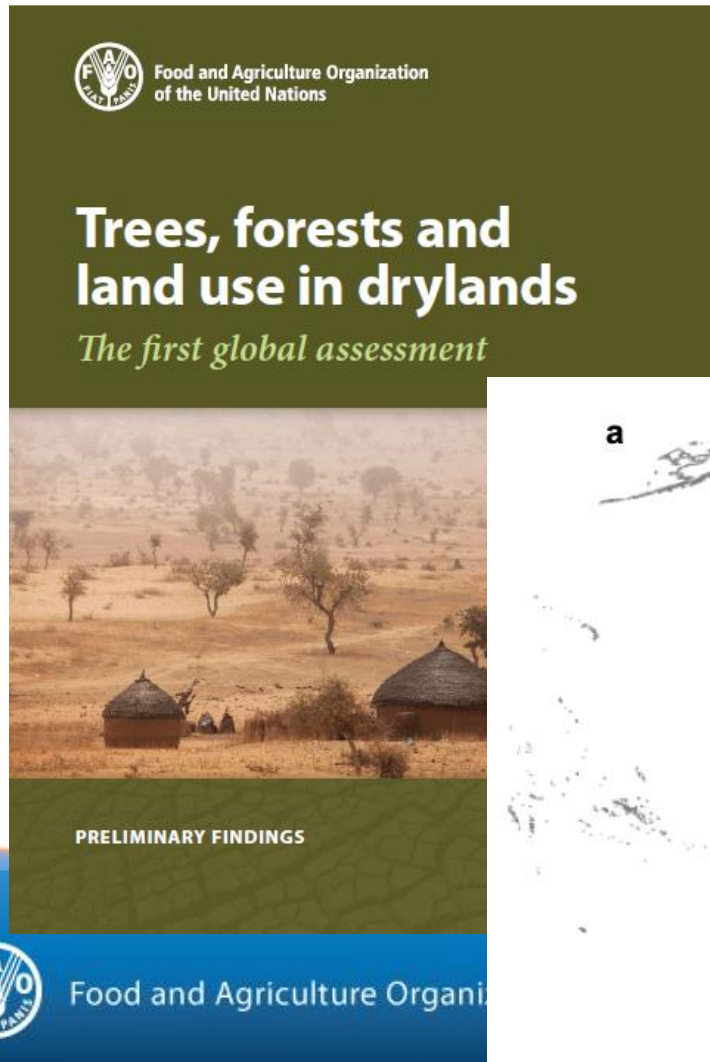
Supporting countries in reducing rural poverty in the region through a cohesive programme addressing small-scale agriculture development



Supporting the countries of the NENA Region to cope with one of their most striking challenges: the pursuit of food and water securities, for a sustainable social and economic development, under an unprecedented severe escalation of water scarcity

Enhancing policies, investments, governance and best practices

# Collect Earth- Innovative tool to detect changes in forest and monitor actions





# INDC implementation support and access to climate finance

## **Consultative Workshop with Maghreb countries:** Rabat, 29-31 August

- Discussing priorities of the UMA countries in sustainable agriculture development and climate change
- Enhancing capacity to access to climate finance and help countries deliver their climate actions

***Next: in Cairo  
4-6 October 2016***



# Support to Morocco's 4C:

*Centre de Compétences en Changement Climatique*

Two main components:

- **Capacity building** on the development of the National Adaptation Plan, the GHG inventory, the NDC and on access to climate finance
- Promote North-South and **South-South** collaborations through exchanges with experts and between countries



# Way forward

- Assist countries to develop proposals to **access climate finance**, or provide technical support during project implementation
- New funding opportunity to support countries on **NAP** through the GCF readiness: 3M USD/country
- Support Member States with developing **GCF** country work programs for the agriculture sectors
- For **SDG** 6 on Water: investment in agriculture, the main use of water, will be central for countries in MENA region.

## ***From regional to global... and on the way to COP22***

- The **Global Water Scarcity Initiative** will be launched at COP 22 in Marrakech, supporting Morocco's Initiative on ***Adaptation for Agriculture in Africa (TRIPLE A)***





**THANK YOU      MERCI**

**SHOKRAN**

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