Climate Finance Readiness Workshop for NIEs
Rabat, 6-8 September 2016

FAO’s support to countries on climate change adaptation - MENA Region -

Janie Rioux
Climate and Environment Division, FAO-UN
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](http://www.fao.org/climatechange)
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

Negligible or No Water scarcity
Physical Water scarcity
Incipient physical Water scarcity
Economic Water scarcity
No data
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 NENA 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

Regional Initiative on Building Resilience for Food Security
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.

Regional Initiative on Small-Scale Agriculture
Supporting countries in reducing rural poverty in the region through a cohesive programme addressing small-scale agriculture development.

Regional Initiative on Water Scarcity
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

Janie.Rioux@fao.org