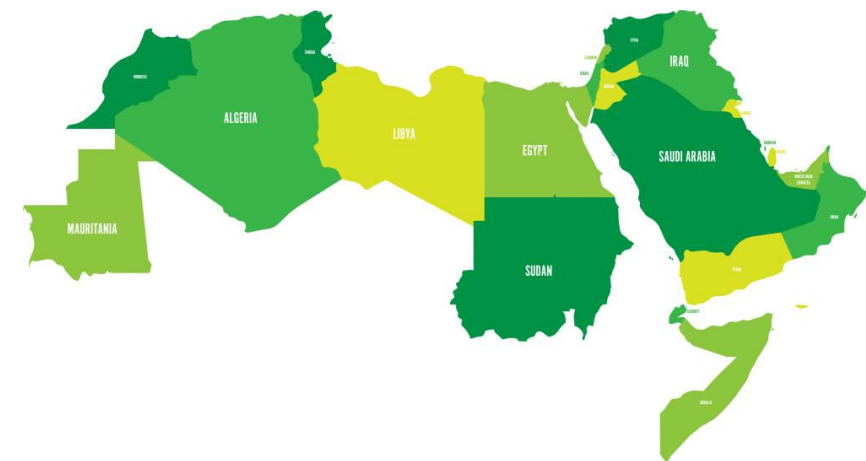


First Workshop under the Sharm el-Sheikh Joint Work on Implementation of Climate Action on Agriculture and Food Security

Bonn, 17 June 2025



Intro

- Our region, home to over 420 million people
- Highly vulnerable to climate change ,
 - Agriculture sector 
 - water  sector.
- Over 85% of land in Arab countries is classified as arid or semi-arid , and agriculture consumes more than 80% of available freshwater resources .
- This vulnerability demands urgent action  — but a holistic adaptation approach to climate action .

1. 🌱 Experiences with systemic and holistic approaches (1)

1- Adaptation-Centered National Plans 🛡️: Many Arab countries have incorporated climate-resilient agriculture in their NDCs and NAPs.




- drought-tolerant varieties 🌿
- shifting planting calendars 📅
- and protecting pollinators 🐝.

2- Mitigation Co-benefits in Agriculture ♻️: Though our emissions from agriculture are very low globally, some of our countries are promoting

- low-emission rice cultivation 🌾,
- Manure management,
- solar-powered irrigation ☀️🚰, contributing to mitigation while enhancing productivity.
- Mangrove Restoration.

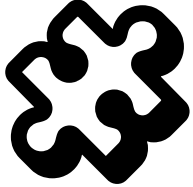
1. Experiences with systemic and holistic approaches (2)

3- **Water-Energy-Food Nexus** : Countries like Saudi Arabia, Tunisia and Lebanon are advancing this nexus approach, optimizing







- water use ,
- energy ,
- agricultural inputs  to build climate-resilient food systems.

4- **Data and Early Warning Systems** : Regional initiatives such as the Arab Climate Outlook Forum (ArabCOF) and ICBA-supported satellite tools  and Dust Storm Regional Center (DSRC) are improving early warning capacities for

- droughts 
- Pest  outbreaks
- Dust Storm

2.  How systemic and holistic approaches contribute to the objectives of the Joint Work

Systemic and holistic approaches contribute to the objectives (1)

1. **Bridging adaptation and mitigation**  in agriculture by promoting practices that serve both — such as **agroforestry** , **organic waste recycling** , and **efficient irrigation** .
2. **Integrating agriculture into national climate plans** , avoiding the fragmentation that weakens impact.
3. Ensuring that **food security**  is not compromised by climate policy, which is a priority for all Arab states.

Holistic approaches contribute to the objectives (2)

4. Enabling **inclusive governance** , bringing together **ministries** , **local authorities** , and **researchers** .

5. Supporting **regional cooperation** , including **knowledge-sharing** , **training, and capacity building** across shared ecosystems for all MENA countries.

As we look ahead to **COP30 in Belém, Brazil** ,we must ensure that:

- The **agriculture workstream moves toward implementation** , guided by national priorities and capacities;
- **Finance**  **Capacity Building and technology transfer**  are made available for developing countries;
- And that **regionally tailored knowledge**  is given equal value to global science .

Shoukran

Thank you