

Means of Implementation Technological Innovations

Economic and Social Commission for Western Asia

**Reem Nejdawi, Executive Director,
ESCWA Technology Centre, Amman
&**

**Osama Rais, General Director,
Africa City of Technology, Sudan**



UNITED NATIONS

الأمم المتحدة

ESCWA

**Regional Consultation on Climate Change for the 2019
Arab Forum on Sustainable Development and High-Level
Political Forum
Beirut, Lebanon,
21-22 March 2019**

**Expert Group Meeting on
Green Technology Investments and Access to Sustainable Financing
in the Arab Region
UN House, Beirut, Lebanon 4 – 6 March 2019**

Organizers

- ESCWA Technology Centre (ETC)
- Climate Technology Centre and Network (CTCN)
- National Council for Scientific Research in Lebanon (CNRS-L)

Objectives

- To discuss the available green technology deployment and access to finance as key means of implementation (MOI) to accelerate SDGs achievement and NDCs implementation in the Arab region
- Enhance understanding of green/climate technologies and access to green financing

Key Sectors

- Agricultural / food sector (with related other sectors e.g. water & energy sectors)
- Conflict waste management

Key Message



Investing in appropriate green technology is a major demand for the prosperity & well-being of current and future generations in the Arab region. Climate technology transfer, deployment, and localization address climate and environmental challenges, and ensure natural resources sustainability. Technology encompasses information, research and capacities as well as the hardware

Way Forward for the Region

There are opportunities not yet sufficiently utilized by member countries for:

- identification, piloting and supporting scaling-up of green technologies,
- de-risking investments in climate technologies
- facilitating access to finance.

CTCN and ESCWA provide assistance to member countries. ESCWA Technology Centre provides an impartial platform for deliberating on green technologies and can further coordinate regional efforts to deploy green technologies with special attention to conflict and post conflict countries.

The CTCN provide tailored expertise and assistance to help countries reach their technology and climate targets.

Key Messages: Green/Climate Technologies

Technology transfer & deployment is challenged by **barriers**: institutional, regulatory, financial and technical . Some of these key barriers are the patenting process and commercialization

The Arab region is still **lagging** in terms of science, technology & innovation.

The region can tackle its challenges through **transfer, development and deployment of technology, joining forces and collaboration, supporting innovation and research of endogenous technologies**

Significant efforts are needed for **research and innovation** in the Arab region, in order to further identify and adapt technologies to the current challenges faced by the region

Green technologies are instrumental to achieve national and global **climate change targets**, and to achieve economic growth and prosperity for the Arab region

Transfer of green technology and upscaling of its deployment should be enhanced in the fields of: **environmental protection, resource efficiency & conservation: Water, agriculture, and conflict waste technologies** are among the top priorities for the Arab region

Key Messages: Investments and access to finance for Green/Climate Technologies

Finance is a key tool to address Technology development and deployment

Coordination between technology and financing mechanisms under the climate convention is a must to help the Arab countries in the implementation of their green technology strategies and plans.

The main challenge remains in the capacity gaps in accessing sustainable finance, other challenges are related to private sector engagement and public green/climate technology

Key Messages: Capacity Development and Regional Cooperation

Member countries are encouraged to cooperate in addressing technology requirements, developing integrated action plans, & following up on implementation progress

Member countries will benefit from capacity development in the following areas:

- Understanding and utilization of the various mechanisms available to countries to access technical assistance (CTCN, ESCWA Technology Centre, etc.) and green finance from global resources (GCF, AF, GEF, International Development Banks, etc.)
- Identification, assessment and prioritization of the national/regional available and appropriate green technologies
- Formulation and submission of technical and funding proposals
- Areas to enhance the sustainability of the built capacity within the engaged national institution

Raising awareness of the civil society on green technology benefits on sustainable development

Regional meetings to discuss technology and finance issues are instrumental: share experiences, follow up on progress, enhance networks, and enhance regional cooperation and coordination

There is a need for further networking of STI centres of excellence in the region to complement and share of experiences

Please email nejdawi@un.org with questions or comments.

Thank you

www.unescwa.org



UNITED NATIONS

الأمم المتحدة

ESCWA