



JORDAN ENVIROFUND
صندوق حماية البيئة



*The 7th ESCWA Technology Centre's Technical Committee Meeting
Session IV: Promoting green technologies - financing services*

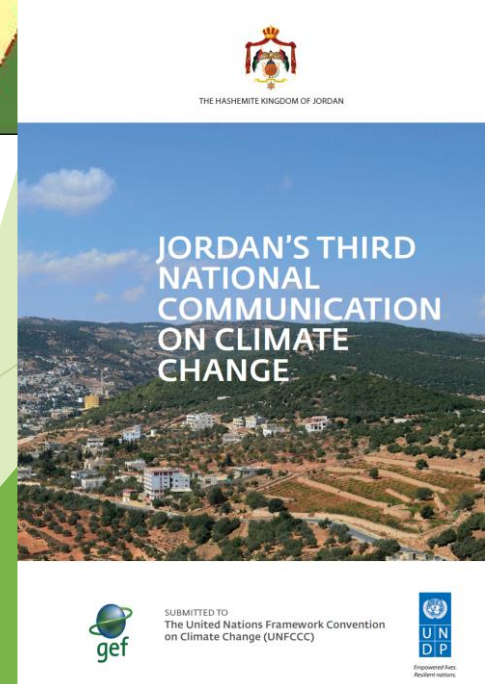
*The Jordan Environment Fund as a National Financing Vehicle for
Environmental Solutions*

29th July 2019

Kempinski Hotel, Amman, Jordan

Jordan context: the challenges

- ▶ Rapidly growing **population** of ~ 9 million (including 1.5 million refugees over the past few years)
- ▶ **Natural resources and socio-economic strains**
 - ▶ Water scarcity (among most water-poor countries globally)
 - ▶ Energy security, 97% dependence on imports
 - ▶ Developing public transportation system
 - ▶ Need for holistic waste management (national strategy)
 - ▶ Unemployment and young population (over 50% under age 24)
 - ▶ Vulnerable to climate change (impacts on health, water, agriculture, biodiversity, socio-economic / urban, vulnerable groups (women, youth, refugees))



Opportunity: policy and regulatory drivers

National vision, strategies and sector plans



Regulatory framework and policy incentives



Private sector investment opportunities



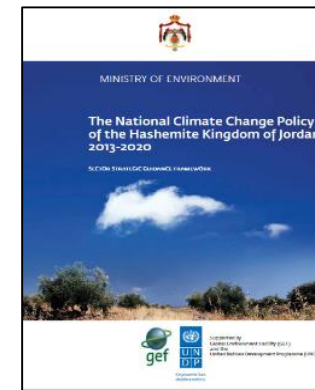
International development and climate finance



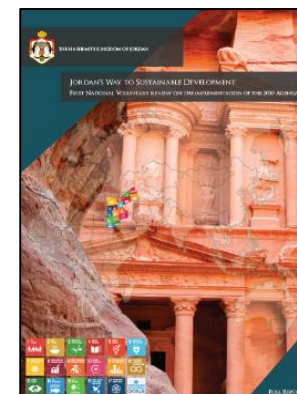
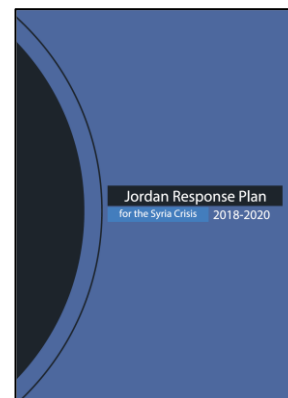
Engagement of NGOs and donor community



Environmental action in Jordan



USD 5.7 bn, estimated financing gap to achieve 14% CO2 reduction goal by 2030



Technology Needs Assessment (TNA) for Climate Technologies (2017)

Water

- Roof-top rainwater harvesting,
- Augmenting and expansion of Water Users Association (WUAs)
- Desalination and brackish water treatment and re-use

Energy

- Design financial support mechanisms and subsidies for solar-powered systems
- Develop complete process PV industry, from silicon to module;
- Develop a comprehensive high-tech solar thermal industry with flat, evacuated tube and parabolic trough technologies.

Agriculture

- Water saving technologies, such as drip or subsurface irrigation,
- Farm-level water harvesting
- Plant varieties resistant to climate change

Jordan Environment Fund: an overview

JEF was established in 2009 under the Environment Protection Law, governed by Bylaw No.18 for the year 2018

Vision

An exemplary fund contributing to the fulfillment of national environmental priorities and sustainable development goals

Mission

Support activities, projects and initiatives that contribute to environmental protection, and sustainable management of natural resources in Jordan through strategic partnerships with local, regional and international stakeholders.



MoEnv / JEF alignment



Ministry Technical Areas:

Waste management, biodiversity, green economy, awareness raising, international cooperation, climate change, environmental protection

- National Green Growth Plan
- SCP Action Plan
- Rio Conventions
- Paris Agreement & NDC Action Plan
- National Adaptation Plan

JEF has a broad mandate, with an aim to create impact in the following area (as per the bylaw):

- Support activities that contribute to environmental protection and conservation, and development of environmentally friendly practices.
- Initiatives that promote resource efficiency, and contribute to sustainable development
- Raising environmental awareness, including use of cleaner production technology
- Focus on priority national sectors and provide support to enable fulfillment of environmental regulations and commitments
- Promote cooperation and knowledge transfer with national, regional and international entities with similar mandates to coordinate joint activities

Strategic Objectives

- ▶ Enable and incentivize the private sector's fulfillment of environmental laws and regulations through appropriate measures **and innovative solutions** that contribute to achieving national environmental objectives, including sustainable consumption and production.
- ▶ **Build institutional and national capacities** in the field of environmental protection and sustainable development, in addition to supporting outreach activities and campaigns that lead to positive change in behavior and practices affecting the environment.
- ▶ Enhance **partnerships**, cooperation and experience exchange with relevant **national, regional and international organizations in the fields of environmental protection, green economy, climate change, and sustainable development.**
- ▶ Provide support in response to **environmental emergencies and disasters** as per the bylaw.
- ▶ Facilitate the management & implementation of the Ministry of Environment's **PPP projects** in coordination with the relevant departments.
- ▶ **Attract and disseminate regional and international climate and environmental funding** to serve fund objectives and beneficiaries.

General assessment criteria

Project overview

- Concept, objectives, link to national goals, beneficiaries, risks, feasibility, policy framework

Environmental and social impact

- Alignment to national and global environmental priorities, expected impact

Implementation details

- Work plan, KPIs, knowledge management, team, progress tracking, stakeholder engagement

Sustainability

- Potential for vertical / horizontal scaling
- Plan for future sustainability of action

Interview and key requirements

- Registered in Jordan
- Years of operation
- Cost share (e.g. 25%)

Support eligible projects and initiatives delivered by:

- a. Private sector
- b. Public sector
- c. NGOs

Areas of impact

Grant financing,
minimum 25%
cost share, calls
for proposals



Introductory e-Course on Climate Change

This course provides "everything you need to know" about the basics of climate change, from climate change science to governance.

It contains 6 modules with each module taking about 2 hours to complete. You need to pass a quiz after each module to receive your certificate from UNITAR.

Climate change

- First online course in Arabic with UNITAR
- USD 2 M: forestation

Biodiversity

- Red List
- Drone technology



Waste

- Awareness & recycling
- Gaming app
- GPS tracking
- Autoclaves

Awareness

- Social media
- Plays & videos
- Schools / teachers
- Sustainable operations guideline



Big picture

- ▶ Jordan Environment Fund has a broad mandate aligned with Jordan's national strategies for sustainable development, green growth and climate change, as well as international frameworks
- ▶ Supports innovative solutions to environmental challenges (existing technology focused interventions)
- ▶ Focused on strategic partnerships, knowledge transfer, and innovative financing (climate finance, blended finance)
- ▶ Financing tool for key national plans: NDC Action Plan, NGGP, NAP (many sectors are technology driven)
- ▶ Tangible climate impact for Jordan's environment (key sectors, geographic distribution, diverse stakeholders)

Thank you

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