



European Union



# **Green Transition & NEXUS potential in Jordan**



## **Nexus Approach:**

The heart of the NEXUS APPROACH is a strong understanding of the interdependencies among these sectors: water, energy, food and environment to ensure their security for an ever-growing population. This will require the work of individuals, businesses, academia and government.

To advance the goal of integrated planning, policy and management, it is important to increase awareness about how these systems intersect, and why greater coordination is necessary.



## WHY NEXUS?

Addressing the sustainability challenges and opportunities in the following fields:

- Resource Efficiency, Sustainable development
- Renewable energy
- Energy efficiency
- Water availability
- Food security
- Environment protection
- Climate Change action





# EU vision





## **EU opportunities:**

- Global Climate Leader
- Green Deal
- Green Transition
- Circular Economy/SCP
- Sustainable mobility
- NEXUS model
- Covenant of Mayors

**Simply Green Growth and Economy**



## **EU Green Deal:**

Europe plans to be the 1<sup>st</sup> climate neutral continent by 2050 by a focus on:

- transform the EU into a fair and prosperous society
- modern, resource-efficient and competitive economy
- no net emissions of greenhouse gases in 2050
- protect, conserve and enhance the EU's natural capital
- protect the health and well-being of citizens from environment-related risks
- enhancing the research and innovation



## **The main elements of the green deal are as follows:**

- Increasing the EU's climate ambition for 2030 and 2050
- Supply clean, affordable and secure energy
- Mobilise industry for a clean and circular economy
- Build and renovate buildings in an energy and resource efficient manner
- A zero pollution ambition for a toxic-free environment
- Preserve and restore ecosystems and biodiversity
- The "Farm to Fork" approach as a fair and healthy as well as environment friendly food system
- Accelerate the shift to sustainable and smart mobility



**However, Europe will not  
achieve the Green Deal  
alone, and foresees to offer  
its technical and financial,  
experience to its partners**

**Leaving No One Behind**





# **Mainstreaming Green Deal in EU cooperation**

- 30-40 % of EU support geared to climate action
- Enhance green innovation and entrepreneurship
- Guide Youth, CSOs and Academia into climate action(education, awareness, advocacy)
- Reflect environmental rights/commitments
- Green Jobs
- Green legislation
- Green local development
- Green humanitarian support
- Green health/WASH support
- Green Media
- EU joint action, joint programming, Team Europe



## EU support

- Environment and Climate Change mainstreaming
- Support to green energy
- Support to water and wastewater
- Support to Waste Management
- Support to Food Security
- Support to Transport
- Green Finance: Official agreements, NIP/Blending, EFSD+, Sustainable Credit Facility, Green Economy Financing Facility, Budget Support, grants and sub-grants



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# NEXUS Examples





Solar Thermal applications:  
20000 SWH for Jordan, 160 SWH for refugees

Geothermal applications:  
HCST heating/cooling system

Hydro Pump Storage Project

RECP and Circular Economy across Food and Chemical industries

Solar water pumps:  
700 in the Jordan Valley and 100 in Highlands



# Delegation Agreements

EIB  
AAWDCP

KFW biogas from  
sludge and  
electricity  
generation

EBRD PV  
in 5 Water  
pumping  
stations

FAO waste  
to energy  
in Zatar  
camp  
station

EBRD Al-  
Ghabawi  
WW  
treatment  
facility

GIZ SWM  
and Sludge  
management  
(waste to  
energy) at  
Zatar  
camp



# NEXUS Synergies in Jordan

- Economic Modernisation Vision, complemented by sectoral strategies and national plans
- Green Growth and climate action to help achieve Jordan's national commitments, as well as sustainable economic development and create job opportunities
- Integration and complementarities among relevant sectors through inter-sectoral dialogue and planning including private-NGO-CSO-Academia dialogue
- PPP enhancement



## **Synergies (continued)**

- Energy-water-food-environment NEXUS
- Transport-energy nexus (e-vehicles sector)
- Resources Efficiency and Cleaner Production RECP, including building on sustainable consumption and production in industries, as well as leading to circular economy theme across many sectors including industries and waste management as well as other sectors such as water and agriculture
- Green Economy/growth alignment with Economic Modernisation Road Map 2033



# Way Forward: Go Green

Complementarity

Partnerships

Alignment





Thank you for your  
attention!

