



Readiness Needs for the State of Palestine (2024-2027)

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Background:

- ▶ The State of Palestine (SoP) is vulnerable to the impacts of climate change
- ▶ Impacts include decreased precipitation, significant warming, more frequent extreme weather events
- ▶ SoP is under Occupation
- ▶ War on Gaza,
 - ▶ Leaving 70,000 dead and 170,000 wounded
 - ▶ 250,000 house units destroyed
 - ▶ 70 Mill tones of rubble
 - ▶ 90% of the population dislocated more than once
- ▶ War on the West Bank
 - ▶ Dislocation of 50% of refugee camps in Jenin and Tulkarm
 - ▶ 900 checkpoints
 - ▶ Financial war

References for the Readiness Need Assessment

- **National Development Plan: Resilience, Disengagement, and Cluster Development towards Independence (NDP 2021-2023)**
- **Initial National Communication Report (INCR)**
- **Updated Nationally Determined Contribution (NDC) submitted in 2021, including implementation plans**
- **National Adaptation Plan (NAP)**
- **Climate Change Adaptation Strategy Report**
- **National Environment Strategy, 2017-2023 (updated: 2021-2023)**
- **Technology road map**
- **14 NDC implementation action plans**
- **Country Programme for the Green Climate Fund**
- **Sectoral strategies for Energy, Energy Efficiency , Renewable energy, Water and Wastewater, Agriculture, Transport, and Solid Waste Management**

Sectoral Readiness Needs Water Sector:

- ▶ Wastewater reuse Readiness:
 - ▶ Outcome 1: Institutional Preparedness: institutional plan for managing bulk treated wastewater at PWA (or the National Water Company), with clear mechanisms for the demand and distribution (farmers and WUAs).
 - ▶ Outcome 2: Stakeholder Capacity and Engagement. Capacity-building packages
 - ▶ Outcome 3: Climate Risk Informative decision assessment (CRIDA) Model for the Proposed Conveyance Line

Sectoral Readiness Needs Agriculture Sector:

- ▶ **CRA:**

- ▶ Sub-sectoral Readiness Needs
- ▶ Development of a baseline study of existing practices in Palestine
- ▶ PPP potential

- ▶ **Climate resilient land planning and management**

- ▶ Development of a baseline study of existing practices in Palestine
- ▶ Assessment of current policies and institutional arrangements related to land-use and international best practice
- ▶ Identification of nurseries and seed banks for provision of new species and varieties
- ▶ Identification of suitable machinery for conservation agriculture

Sectoral Readiness Needs Waste Sector:

- ▶ **Technical assessments:**

- ▶ Assessment of suitable technologies for landfills for leachate management is required
- ▶ Development of detailed feasibility studies for reuse
- ▶ Market readiness to various recycled materials
- ▶ PPP options for separate collection and reuse

- ▶ **Reducing emissions in the waste management sector:**

- ▶ Methane-collection solution and technology is most suitable
- ▶ Waste management in Transfer stations

Sectoral Readiness Needs Transportation Sector:

- ▶ **Reducing emissions in the road transport sector**
 - ▶ Assessment of the market for EVs and HEVs, and identifying financial, social and environmental impacts related to switching to EVs and HEVs
 - ▶ Technical knowledge and skills required to repair and maintain these vehicles
 - ▶ Resilient mass transportation options
 - ▶ Sustainable roads pathways in urban centers/resilient infrastructure
 - ▶ Stakeholder mapping and arrangements – PPP options
 - ▶ Social consideration

Sectoral Readiness Needs

Industry Sector:

- ▶ Baseline GHG emissions mapping for industrial zones (e.g., Hebron, Jenin, Jericho, ...).
- ▶ Technical studies on green technologies, circular economy opportunities, and energy efficiency in key sectors (stone, textiles, olive oil, etc.).
- ▶ Design incentive mechanisms and financing options for SMEs to adopt low-carbon solutions.
- ▶ Policy support for a national green industry strategy.

Sectoral Readiness Needs Energy Sector:

- ▶ Capacity building for energy intermediate stakeholders
- ▶ MRV system activation
- ▶ Draft an updated National Energy Strategy, including the revision of the National RE Strategy, and National EE Action Plan
- ▶ Grid assessment

Readiness Status

- ▶ 3 projects (2 with UNICEF and 1 with WHO are on hold)
- ▶ About 3 Mill US\$ remains
- ▶ Need to formulate a Readiness program that covers (transport, industry, waste, additional water needs) Need guidance for the ToR
- ▶ Explore potential and provide readiness for additional sectors (including tourism, coastal and marine, ecosystem management,...)
- ▶ Update GCF country program
- ▶ Update NAP (NAP support Readiness 1.35)
- ▶ Increase awareness with GCF financing

Palestine's Proposed Package of Projects

	Project Name	Sector	Implementation AE	Inclusion in the Sectoral strategic plan	Inclusion in the NDC 2.0 Implementation plans	Inclusion in the GCF Country Program
1	Wastewater Reuse from Nablus west to Jericho	Water	WB	Yes	Yes	Yes, Not directly
2	CRA	Agriculture	WFP	Yes	Yes	Yes
3	Low carbon value chain	Agriculture	FAO	Yes, Not directly	Yes	Yes
	Integrated Resilient SWM	Waste	MDLF	Yes	Yes	Yes
4	Solar water heaters	Energy	MDLF, ENABEL, UNICEF	N/A	Yes	Yes
5	Street lighting	Energy	MDLF, ENABEL, UNICEF	N/A	Yes	No
6	RE for charitable and women associations	Energy	MDLF, ENABEL, UNICEF	N/A	Yes	No
7	Water, Energy, Food and Ecosystem (WEFE) Nexus	Multiple	UNEP	Not directly, Agr,	Yes, Not directly	Yes, indirectly