

Technology Road Map for Palestine's Implementation of Climate Action Plans (INCR, NAP, NDC)

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Expert Group and Focal Point Meeting on Green Technology Investments and Access to Sustainable Financing in the Arab Region

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State of Palestine

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State of Palestine & UNFCCC

The State of Palestine:

- Gained accession to the United Nations Framework Convention on Climate Change (UNFCCC) on the 17th of March 2016. It officially became the 197th state party to the Convention.
- Signed and ratified the Paris Agreement on the 22nd of April 2016, which entered into force on the 4th of November 2016.
- Submitted its INCR & NAP to the UNFCCC on the 11th of November 2016, less than 8 months after joining the UNFCCC, highlighting the importance of climate change within the Palestinian national agenda.
- Is the sixth country to have its NAP submitted to the UNFCCC.

Palestine's Mitigation Target

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The State of Palestine's emission (in 2011) is 0.8 t CO₂eq per capita per year. This is significantly less than the global average of 7.58 t CO₂eq per capita per year. Total emissions of Palestine are 0.01% of global emissions.

Emissions by 2040 are forecasted to grow to:

❑ 1.6 t CO₂eq per capita per year under the independence scenario

or

❑ 1.2 t CO₂eq per capita per year under the status quo (under occupation) scenario

... Palestine's Mitigation Target

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As indicated in the NDC, Palestine intends to reduce its CO₂eq emissions by 2040, conditional on receiving international support in the form of finance, technology transfer and capacity building, by:

- ❑ Independence scenario: 24.4% relative to business-as-usual
- ❑ Status quo scenario: 12.8% relative to business-as-usual

Note: The status quo scenario doesn't mean in anyway that we accept the status quo!

Current Climate Change Projects

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Four CC projects are being executed in parallel in Palestine:

- 1) GCF Readiness Programme : NDA Readiness and preparatory support. Funded by GCF and executed by UNDP & EQA. International Consultant: Dr. Jason Yapp
- 2) *GCF Readiness Programme: Technology Road Map. Funded by GCF and executed by CTCN & EQA. International Consultant: Deloitte Japan and Eco Consult/Jordan*
- 3) NDC Implementation Action Plan. Funded by the Belgian Government and executed by EQA. International Consultant: RICARDO, London/UK
- 4) Country Level Impact of Climate Change (CLICC), implemented by UNEP. International Consultant: RICARDO, London/UK

Technology Roadmap Project

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The project's duration is one year (2019). The project is planned to have 3 outputs:

- 1) Climate mitigation and adaptation technologies and inclusive businesses for transfer to Palestine are identified, prioritized and approved.
- 2) Road map for the implementation of the gender responsive mitigation and adaptation technologies and businesses as prioritized in the INCR, NAP and NDC.
- 3) Gender responsive capacity development programme developed and approved to strengthen the policy, regulatory, institutional, technical, financial, business and social capacity of the key partners.

... Technology Roadmap Project

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What has been achieved so far:

A workshop and several bilateral meetings (and consultations) were conducted with stakeholders, including:

- National Committee on Climate Change (27 members: Government, NGO's, Academia, Private sector)
- Environment Quality Authority
- Palestinian Energy and Natural Resources Authority
- Ministry of Agriculture
- The Palestinian Water Authority
- Ministry of Transport
- Ministry of Local Government
- Ministry of Finance and Planning
- Ministry of National Economy
- Ministry of Public Works and Housing
- Palestine Trade Center

... Technology Roadmap Project

What has been achieved so far:

- 1) 35 technologies and measures have been identified by the stakeholders as priority areas of intervention.
- 2) 13 technologies and measures have been prioritized, in the areas of: Energy efficiency, Mini grid, Waste management, Small scale manure management, Solar water pumps, Climate smart agriculture, Desalination, Water harvesting, Anaerobic treatment of wastewater, Modal shift in public transport, Creation of vehicle recycling Industry.
- 3) The consulting team is developing case studies for these prioritized technologies, which will include key success factors, enabling factors and key challenges. The idea is to transfer, scale up and/or replicate these technologies in Palestine.

Climate Change projects in the GCF pipeline for funding

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- ❑ Low Carbon Olive Oil Value Chain: **15 Million Euro**, NAMA Facility, DPP
- ❑ Resilient Land and Resource Management Project, GCF pipeline, IFAD and MOA, **48 M USD**
- ❑ Water Banking in Gaza: GCF pipeline, AFD and PWA, **42 M USD**

Thank you

State of Palestine

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