

HOW TO ACCESS THE CLIMATE FINANCE IN PALESTINE?

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INTRODUCTION – OVERCOMING CHALLENGES

Palestine has negligible contribution to Climate Change being responsible for less than 0.01% of global emissions, but Climate Change has huge impact on Palestinians lives

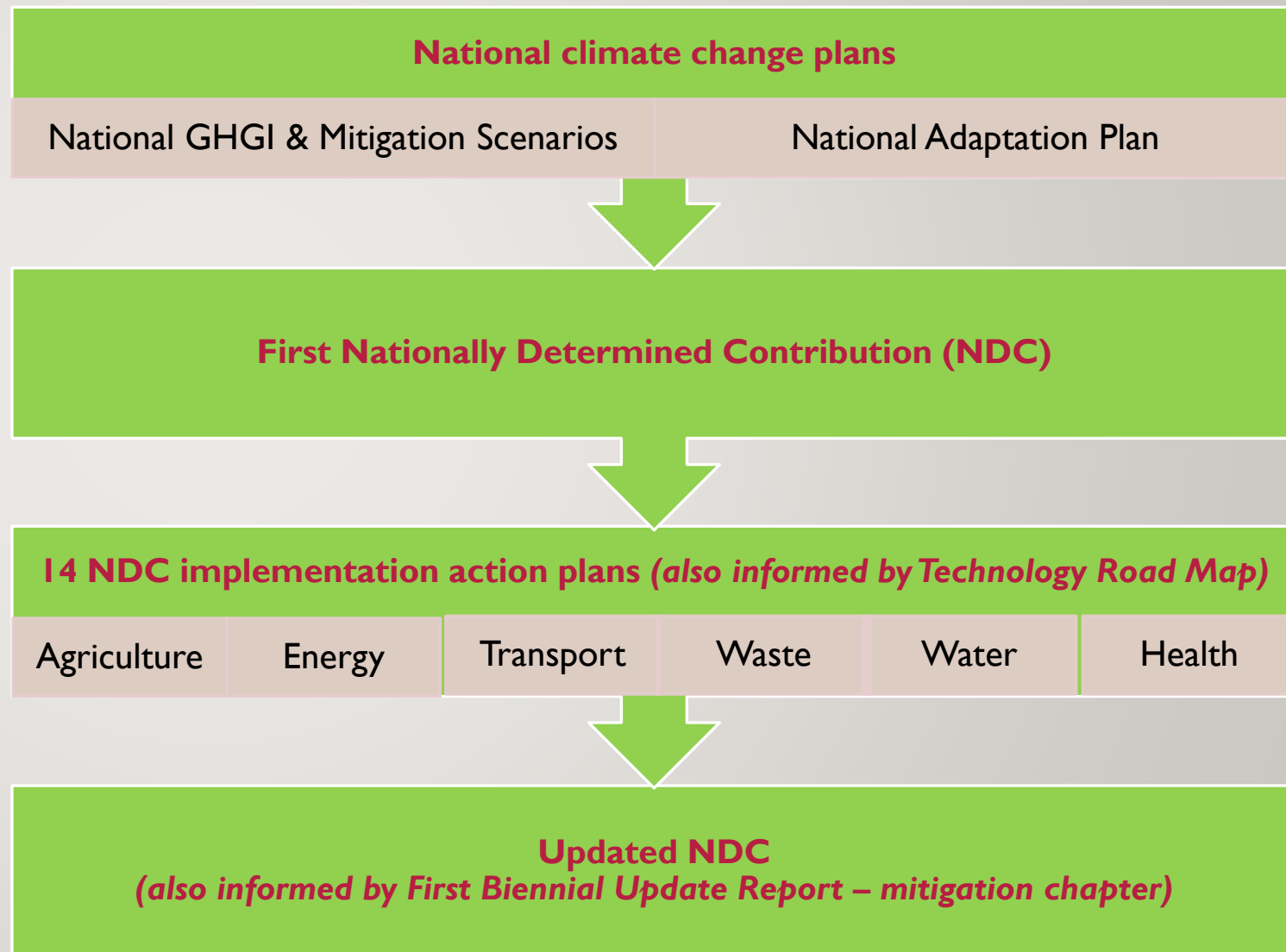
Palestine facing many challenges:

- It is **highly vulnerable to climate change**, located in the Eastern Mediterranean region; a climate change hot spot
- Its vulnerability is **compounded by the occupation**, which restricts:
 - Availability of land and resources
 - Freedom of movement of goods and people
 - Import and export of raw materials and products
 - Full control of international borders, and
 - Development of domestic and industrial infrastructure
- And like everyone, it has been **wrestling with Covid-19** since early last two years
- **Despite the challenges, Palestine has been at the forefront of Climate Action planning since COP21 in Paris in 2015**

DEVELOPING NDC IMPLEMENTATION ACTION PLANS AND UPDATING PALESTINE'S NDC

Palestine has been careful to ensure that each new step in its Climate Action planning **builds on and is informed by the preceding steps.**

Inline with the National Development planning process



NDC IMPLEMENTATION PLANS: AGRICULTURE

1- Climate-smart agriculture (CSA)



- **Target:** 50% of farms in the State of Palestine apply **gender-sensitive** CSA by 2040
- **Activities:** 5, including provision of irrigation technologies, modified machinery and weather forecasting, early-warning technologies, and associated capacity building
- **Total cost:** 229.9 USD million
- **Funding gap:** 218.0 USD million

2- Climate-resilient land planning & management



- **Target:** An annual increase of 2% until 2040 in the total area of forest land, rangeland and upland rehabilitated and sustainably managed
- **Activities:** 5, including developing a future land-use plan to 2040, and implementing greening, afforestation, and rangeland development
- **Total cost:** 718.3 USD million
- **Funding gap:** 717.6 USD million

All NDC implementation plans are gender responsive

NDC IMPLEMENTATION PLANS: WATER

1- Water treatment and conservation



- **Targets:** 70% of the treated wastewater in large-scale wastewater treatment plants in the West Bank and Gaza is re-used by 2030; 7 MCM of rainwater in the West Bank is harvested by 2032
- **Activities:** 11, including construction of sewage systems, treatment systems and conveyancing systems

2- Water networks infrastructure



- **Target:** Non-revenue water is reduced by 15% by 2032; 5% of rainwater in priority urban areas is drained and collected by 2032
- **Activities:** 6, including rehabilitating and maintaining the water distribution network, and developing stormwater systems and drainage infrastructure

3- Water sources infrastructure



- **Target:** 100% of identified wells and springs are rehabilitated by 2030
- **Activities:** 2, rehabilitating springs and water wells
- **Total cost:** 25.0 USD million
- **Funding gap:** 24.7 USD million

NDC IMPLEMENTATION PLANS:WASTE

1-Improving waste management



- **Targets:** 1- Reduce landfill leachate by 50% by 2030; 2- Reduce waste created by 30% by 2030 (50% by 2040); 3- Increase waste re-used/recycled by 30% by 2030 (40% by 2040); 4- Increase waste collected to 90% by 2030 (100% by 2040);5- Modernise 70% of collection by 2030 (100% by 2040)
- **Activities:** 10, including implementing leachate management technologies and developing the infrastructure for collection and recycling
- **Total cost:** 52.5 USD million
- **Funding gap:** 37.8 USD million

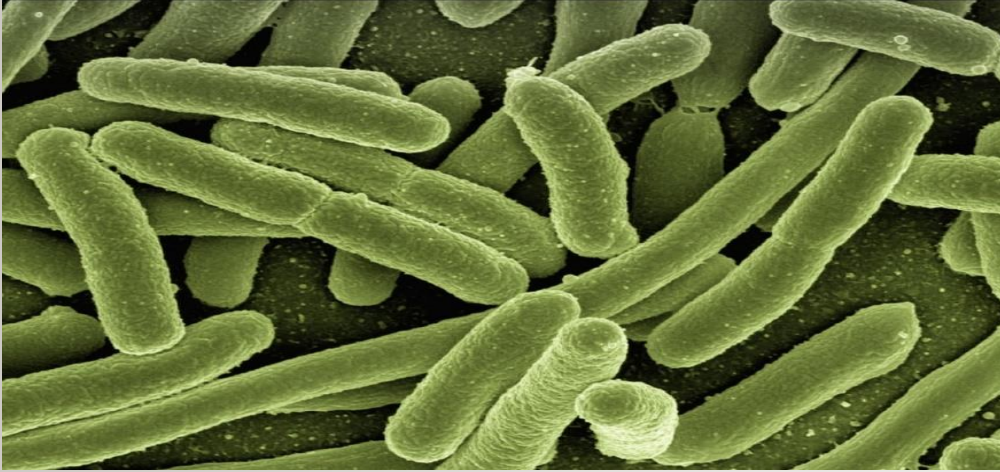
2-Reducing emissions in the waste management sector



- **Targets:** 1- 30% reduction of methane from landfill sites by 2030 and 70% reduction by 2040; 2- 80MW of electricity produced from combustion of solid waste and methane at landfill sites in the West Bank and the Gaza Strip by 2030 and 140MW by 2040
- **Activities:** 6, including implementing methane-collection solutions and technology for electricity generation from landfill gas and combustion of solid waste
- **Total cost:** 542.4 USD million
- **Funding gap:** 392.0 USD million

NDC IMPLEMENTATION PLANS: HEALTH

1- Increasing awareness and capacities for disease prevention



- **Targets:** Improve capacity for disease prevention by training 300 health professionals by 2025; At least a 30% increase in the awareness of people, particularly women, by 2030 about measures to help prevent major diseases related to water, sanitation and food
- **Activities: 6**, including producing awareness raising materials and delivering awareness raising activities
- **Total cost: 0.70 USD million**
- **Funding gap: 0.65 USD million**

2- Developing safety and monitoring systems for water, food, sanitation



- **Target:** By 2030, the capacity of the Ministry of Health to monitor the safety of water, food and sanitation increases by at least 50% from the situation in 2020
- **Activities: 3**, including construction of a new two floor building of 2,500m² each to replace the old central health laboratory
- **Total cost: 21.9 USD million**
- **Funding gap: 14.4 USD million**

NDC IMPLEMENTATION PLANS: ENERGY

1- Renewable energy production



- **Target:** 20-33% of electricity to be generated from renewable energy by 2040, primarily from solar PV (560MW)
- **Activities:** 6, including capacity building, enhancing the enabling environment, and implementing solar PV

• **Total cost:** 662.7 USD million

2- Energy distribution



- **Target:** Upgrade of the electricity grid to enable distribution of renewable energy, primarily from solar PV, by 2030
- **Activities:** 5, including upgrading and extending the grid to increase its capacity to absorb electricity from solar PV

• **Total cost:** 198.7 USD million

3- Energy efficiency



- **Target:** Improve energy efficiency by 20% (versus business as usual) across all sectors by 2030
- **Activities:** 6, including implementation of energy efficiency measures across the household, commercial, and industrial sectors

• **Total cost:** 253.3 USD million

NDC IMPLEMENTATION PLANS: TRANSPORT

1- Reducing emissions in the road transport sector



- **Targets:** Reducing emissions of the passenger vehicle fleet **by 8% by 2030, and 24% by 2040**; Scrapping 60% of vehicles older than 20 years by 2030 and all vehicles older than 20 years by 2040; Conducting statutory tests on 30% of on-road vehicles by 2030, and 60% by 2040
- **Activities: 8, including incentivising use of EVs and HEVs**, including scrapping of vehicles older than 20 years
- **Total cost: 1,517.7 USD million**
- **Funding gap: 217.1 USD million**

2- Promoting sustainable road usage



- **Targets:** 20% of all small transit vehicles are replaced with larger capacity buses by 2030, and 40% by 2040; The overall number of vehicles is reduced by 20% by 2030, and 40% by 2040
- **Activities: 8**, including preparing and implementing the infrastructure required for the bus network and deploying more large-capacity vehicles and buses in the public transport fleet
- **Total cost: 618.0 USD million**
- **Funding gap: 399.9 USD million**

PALESTINE'S NDC PARTNERSHIP PLAN

Palestine's NDC Partnership Plan summarises all the needs that have been systematically identified through Climate Action Planning

it will **continue to be updated regularly** as further details are determined.

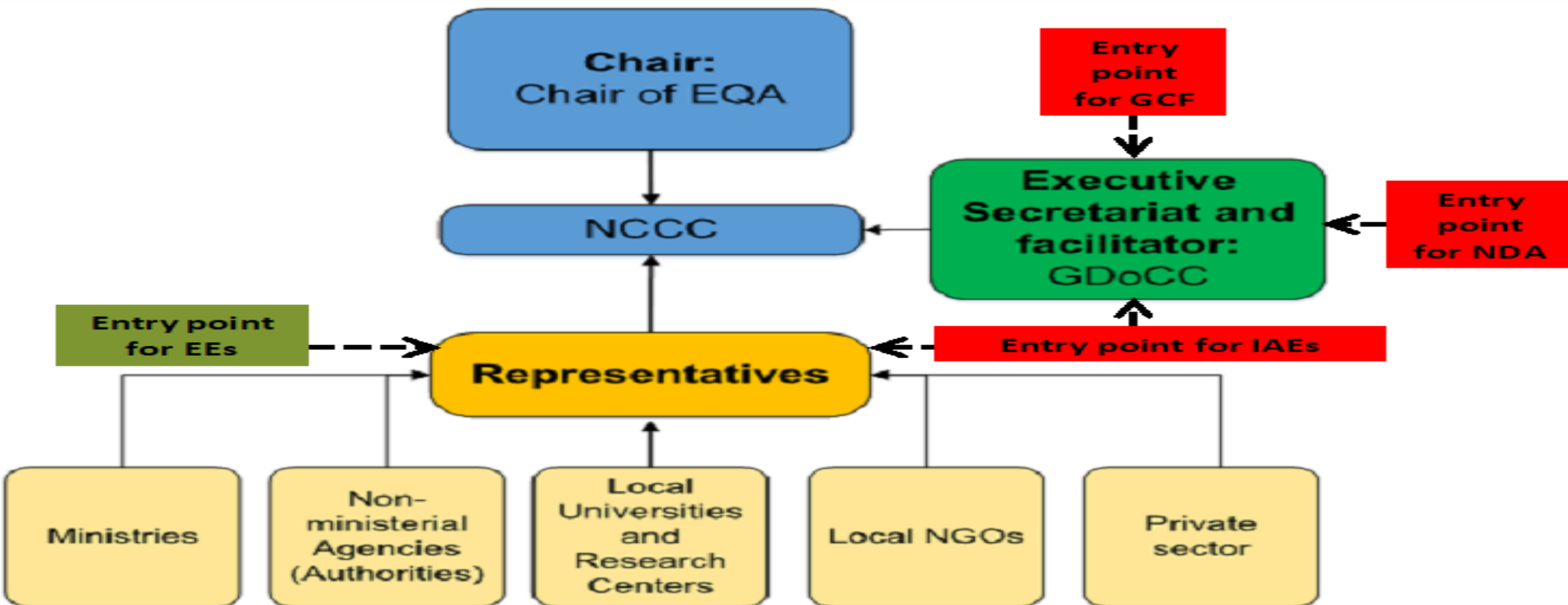
OVERVIEW OF CONSOLIDATED DONOR'S RESPONSES

Partner	Summary of support response
Belgium	Partial support for 12 Partnership Plan outputs <ul style="list-style-type: none">• Support for in-country facilitator and climate fund expert• New country portfolio for 2022-2026 (€70 million), Enabel & UNDP projects• Waste, sustainable land management, energy, institutional framework, capacity building and awareness, monitoring & evaluation
France	Partial support for 2 Partnership Plan outputs <ul style="list-style-type: none">• Sustainable water and wastewater management
Germany	Partial support for 5 Partnership Plan outputs <ul style="list-style-type: none">• Waste, water management, energy efficiency, renewable electricity
IsDB	Will continue reviewing the pipeline in Palestine's NDC Plan through its dedicated trust fund and communicate if funding opportunities arise
United Kingdom	Will consider how to best support climate and environment work in the new Country Business Plan for the next three years <ul style="list-style-type: none">• Supports UNICEF and WB projects/programs in Palestine
World Bank	Technical assistance on climate change vulnerability assessment to feed into Country Climate and Development Report <ul style="list-style-type: none">• Analytical support to translate NDC into high-impact local climate actions

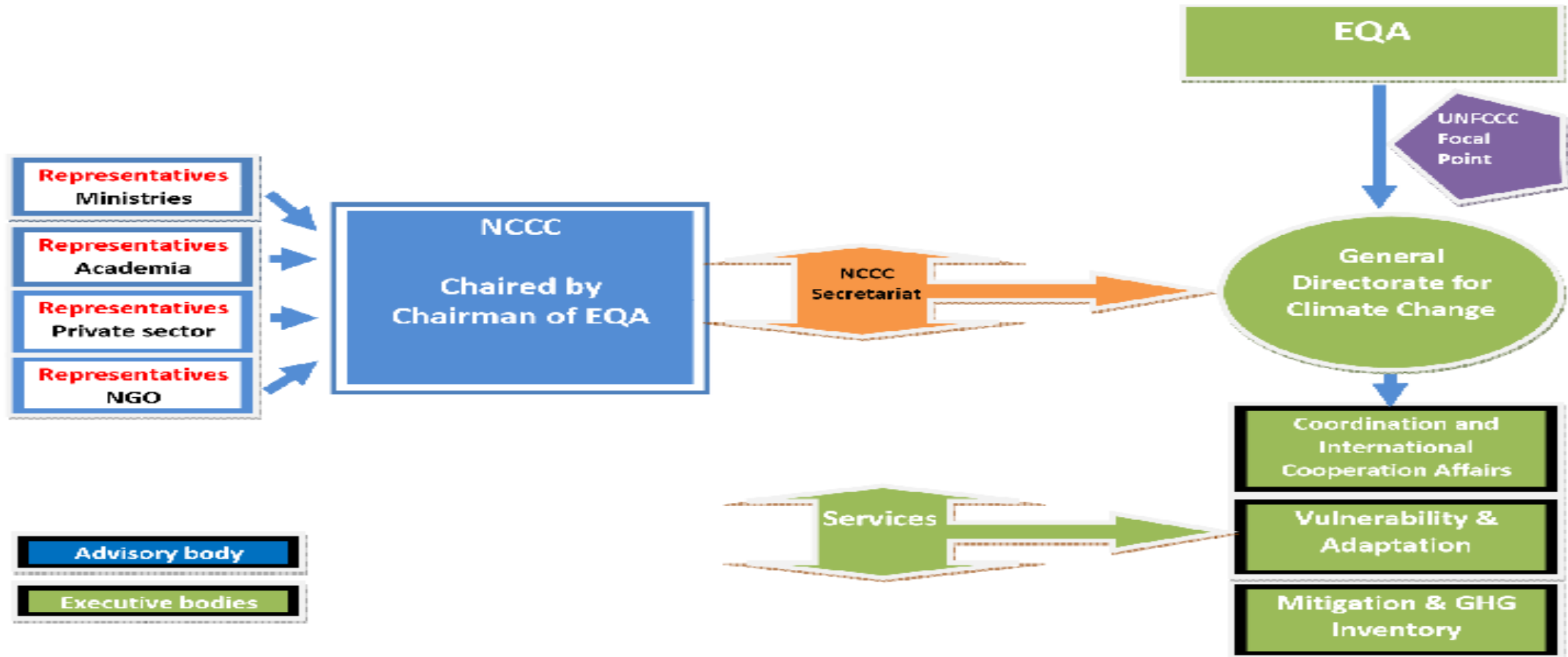
GAPS IN SUPPORT REMAINING

- Based on the initial responses to the Partnership Plan.
- **45% of the outputs received indication of partial support**, still requiring additional support to fully achieve them.
- **55% of outputs remain fully unsupported.**
- **250 million USD “approximately”** (new and existing support) identified in the **initial partner response total.**
- **2.62 billion USD**, the NDC implementation funding gap by **2040.**
- **5.22 billion USD** the **overall cost of implementation is between now and 2040**
- Notably, the government is committed to contribute resources as well in addition to private sector engagement in climate actions.

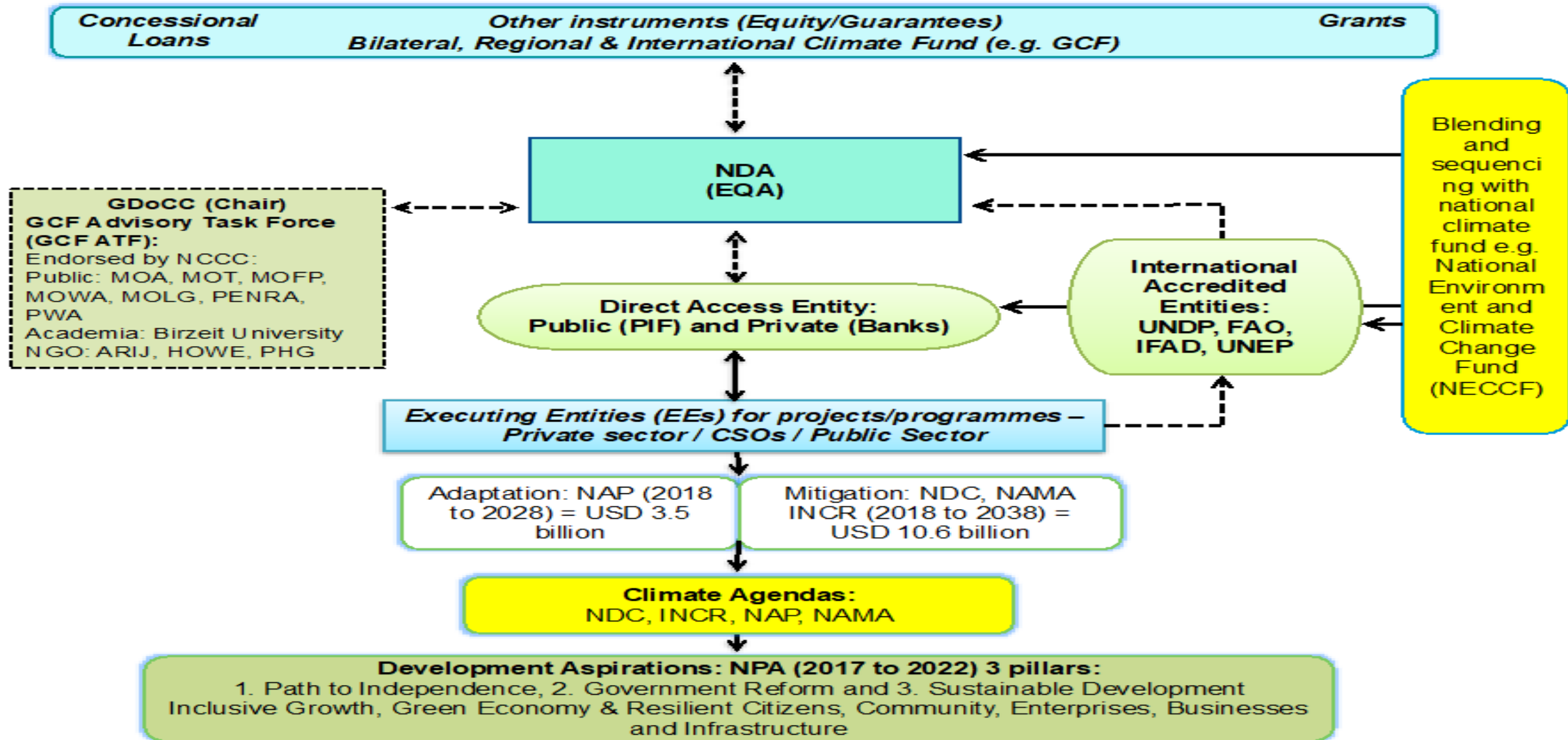
MULTI-LAYERED INSTITUTIONAL FRAMEWORK ON CLIMATE CHANGE FOR PALESTINE



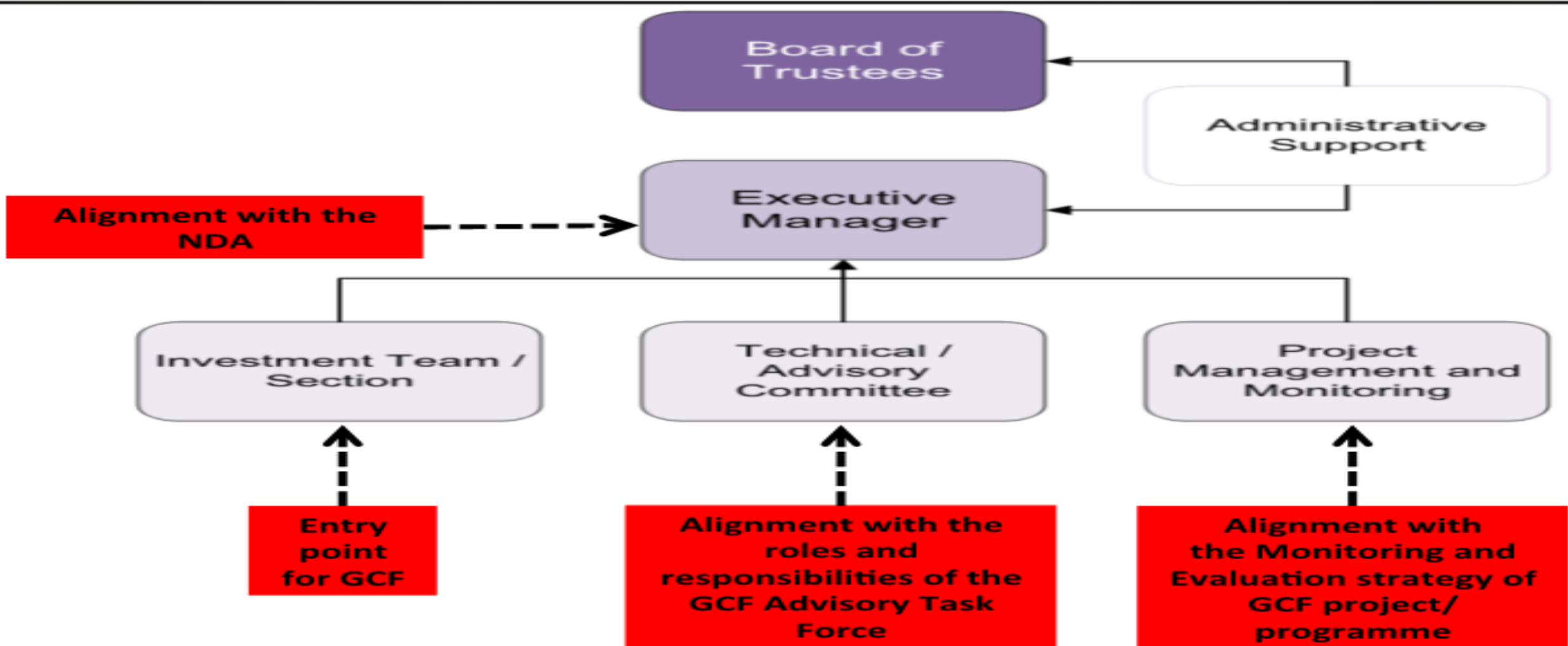
PROPOSED NATIONAL INSTITUTIONAL FRAMEWORK ON CLIMATE CHANGE



PALESTINIAN INSTITUTIONAL AND FINANCIAL FRAMEWORKS TO ACCESS AND UTILIZE CLIMATE FUNDS



RECOMMENDED INSTITUTIONAL STRUCTURE FOR THE NATIONAL ENVIRONMENT AND CLIMATE CHANGE FUND (NECCF)



CONCLUDING

- Despite Palestine's advanced state of Climate Action Planning,
- **Palestine can't implement its conditional NDC actions without international support: Technology, Finance and Capacity Building**
- To ensure Palestine is able to **effectively leverage private sector finance and government**, it is essential that the **full \$2.62 billion funding gap is filled.**