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NEED FOR MENA STRATEGY ON CLIMATE CHANGE

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1. THE CHALLENGES OF CLIMATE CHANGE

Regional Impacts of Climate Change

- MENA is very vulnerable to climate change:
 - water scarcity
 - dependence on climate-sensitive agriculture
 - population / economic activity in flood-prone coastal zones
 - conflict areas & resource scarcity



Regional Impacts of Climate Change (Contd.)

- Agreement re magnitude of the impact / changes
 - Lower precipitation
 - Increase in temperature
 - Agricultural implications
 - Increase in drought frequency
 - Water resource management strategies
 - Sea level rises

2. REGIONAL CONTRIBUTION TO GHG EMISSIONS

- Small absolute and per capita GHG emissions
- BUT, the bulk of emissions is from the regions' oil producing countries (Iran, Saudi Arabia, Egypt, United Arab Emirates, Algeria and Iraq) – these account for 74% percent of the region's total. 83.9% of all emissions are due to energy transformation and use.
- Associated pollutants and health consequences

3. NEED FOR REGIONAL STRATEGY ON CLIMATE CHANGE

- MENA countries need to activate and maximise their adaptation and mitigation efforts.
- What will the MENA Countries do:
 - Build on existing initiatives
 - Innovative new solutions
 - Build partnerships
 - Be selective

4. HOW TO MAKE IT HAPPEN: INSTITUTIONS, OUTREACH AND REGIONAL COOPERATION

- Success of the proposed strategy will depend significantly on the ability to promote consensus on the need to act
- To achieve these objectives, the MENA countries need actions at a National and Regional level

5. RESOURCE REQUIREMENTS

- Mitigation: World Bank global estimate for 550ppm outcome is \$60 billion per year. Approximately \$2.7 billion per year for MENA.
- Adaptation: per the Stern Report adapting to climate change may require increasing gross fixed capital formation (GFCF) by 1% to 10% annually – equates approximately to \$7bn pa for vulnerable countries.
- Size of the challenge will require a combination of efforts from international donors, government finances and the private sector.

6. SCOPE FOR NEEDED SUPPORT

- The proposed business plan may be organized around two dimensions:
 - a) the projects that will serve as “vehicle” to deliver the mitigation or adaptation assistance
 - b) the additional activities that would help MENA countries reduce GHG emissions or enhance their resilience to climate change.