

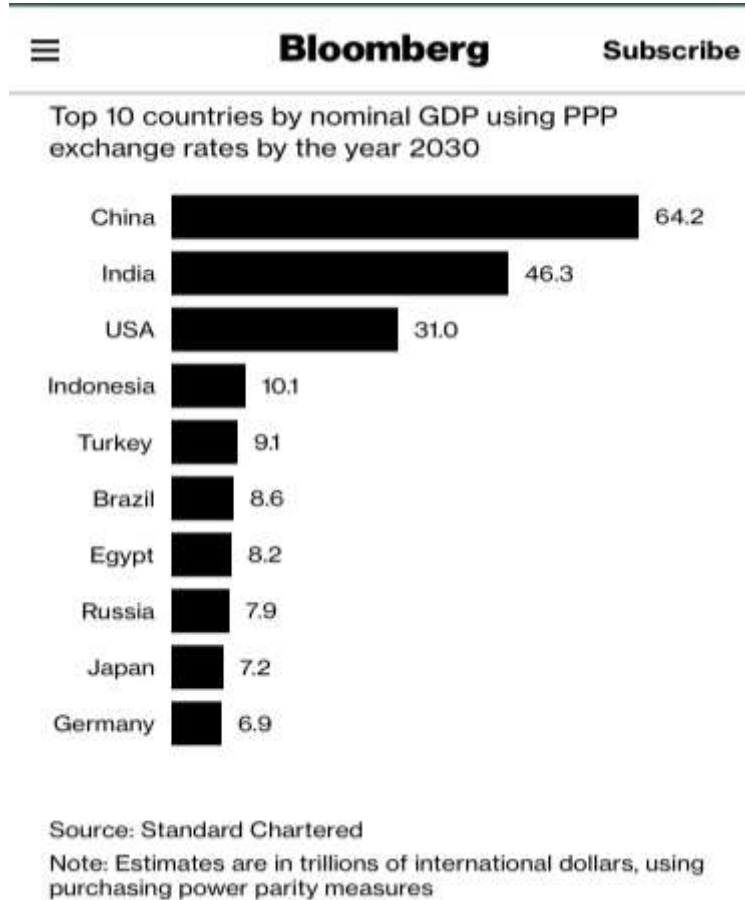


CIF POWER OF 10 : SHAPING THE FUTURE OF CLIMATE ACTION EGYPT

January 30, 2018



Standard Chartered Forecast



**Egypt to rank 7th
largest economy
by 2030:**
Standard Chartered

Standard Chartered

#InvestinEgypt



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Egypt remarkable progress



Renewable Energy development

- The Government's power Sector Development Strategy is aiming at covering 20% of the national electricity demand through Renewable Energy by 2022.



Achieving the strategy Development Partners



Four large scale renewable
energy projects based on
Build Own Operate (BOO)
structure

Adopting new policies/
incentives for the private
sector engagement at the
clean technology projects.



CTF project in Egypt



CTF –Wind power project

- The CIF through its Clean Technology Fund (CTF) is financing the “Wind Power Project” through a Concessional Loan in an amount of USD149.75 Million and a Grant of an amount of USD 0.25 Million (World Bank Management).





CTF –Wind power project (Cont.)

- The project is contributing at the achievement of the Governments energy strategy of greater reliance on renewable energy sources.
- The Main Goal of the project is to develop the Wind power potential in Egypt.
- This project is a engine for Wind projects in Egypt.



CTF –Wind power project (Cont.)

- One of the project main component is the construction of Transmission Infrastructure to evacuate over 3,000 MW of wind power from Suez Gulf and Gabal Elzait to the National Network .
- The project support in developing 250 MW BOO (Build Own Operate) project at Gabal Elzait (first BOO project).
- The project capacity will led to the reduction of GHG emissions to (7.0 MT) Million Tones).(every renewable MW reduces half million tons of CO2)



CTF –Wind power project (Cont.)

- The project supports the Government to integrate the Wind generated power to the National power market.
- Consultancy/ legal and financial services.



Clean Transport - Vehicle Scrapping and recycling Program

- EGYPT adopted the first transport program in the middle East that issue CERs (certified emission reductions)





Clean Transport --Vehicle Scrapping and Recycling Program (Cont.)

- 45,000 taxis have been turned in, scrapped and recycled (99% of old taxi cars).
- This program resulted in a Harmful Gas emission reduction of 310,000 tons of CO2 between 2013 and 2017. By the end of 2018, the amount of CO2 reduction reached 350,000 tons.



Clean Transport --Vehicle Scrapping and Recycling Program (Cont.)

- In February 2018, Egypt hosted a delegation of the west African countries to Cairo to learn from the successful experience Of vehicle scrapping and recycling program.





Clean Transport --Vehicle Scrapping and Recycling Program (Cont.)

- The new replacement vehicles use up-to-date technology that reduces pollution through lower fuel consumption, reducing running costs.
- Egypt adopted new Traffic Law, that are over 20 years of age vehicles would no longer be eligible for a new operating license or license renewal.



Potential Cooperation



Potential Cooperation

- Egypt is having the high natural resources to generate renewable energy (Wind and Solar).
- International Renewable Energy Agency (IRENA) estimated that Egypt could generate up to 53% of its total electricity from renewable sources by 2035.



Potential Cooperation (Cont.)

- Explore how can the CIF supports Egypt in line with the new approach and the newly adopted endeavors .
- Technical assistance for knowledge and technology transfer.



Potential Cooperation (Cont.)

- Financial support for constructing transmission infrastructure to generate Solar and Wind power energy.
- Transport Integration (Using Clean Technologies).



Potential Cooperation (Cont.)

- Sustainability is a main issue.
- We are now focusing on implementing programs rather than Projects.



Challenges



Challenges

- E-Mobility is a new Area .
- The need to develop Local manufacturing capabilities to promote Knowledge and technology transfer and create more local jobs .



Challenges (Cont).

- For the implementation capacity , MIIC establish a unit which is working seriously on speeding up the implementation of the ongoing projects and solving any obstacles that may hinder the implementation .
- I know we are still facing obstacles but it is never been easy and I can assure Egypt is on the Development track.



Benban Solar Park

Benban Solar Park

32

contiguous solar projects across 36 square kilometers near the southern city of Aswan.

2,000

megawatts

of power a year will be generated lighting up hundreds of thousands of homes and businesses.

2

million tons

of greenhouse gas emissions a year shall be avoided.

4,000

jobs

will be created in southern Egypt once completed.

\$653

million

financing package from a consortium of nine international banks.



once completed, Benban will be the world's largest solar PV park.



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