



كربون دبي
DUBAI CARBON

هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority



UAE SMALL SCALE PROGRAMME OF ACTIVITIES (POA)

CLIENT: DUBAI ELECTRICITY AND WATER AUTHORITY (DEWA)



PROJECT BRIEF

The purpose of the proposed PoA is the generation of electricity through the utilization of the solar power potential in the UAE. As part of the United Arab Emirates (UAE) effort to diversify its economy, reduce its dependence on oil and natural gas, as well as to reduce their carbon emissions and support sustainable development, the Dubai Electricity & Water Authority (DEWA) has initiated the development of the "UAE Small Scale Solar Programme of Activities" to promote the development of solar power and diversify the energy mix of the country and will act as the Coordinating Managing Entity (CME). The CDM PoA "UAE Small Scale Solar Programme of Activities" involves the installation of small scale (less than 15MW) grid connected Solar PV plants with the objective to contribute and promote the generation of renewable energy in the United Arab Emirates. The scheme after implementation will result in reduction of GHG emissions from fossil fuel based power plants connected to the regional grid. Dubai Carbon supports DEWA in registering the framework with the UNFCCC. The first Component Project Activity (CPA) to be included in the PoA will be the solar PV project at Dubai International Humanitarian City.

PROJECT STATUS

Project Type: Carbon Advisory

Project Duration: 24 months

Project Status: Ongoing

Meet the Team:



Thomas Bosse



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CLIENT:

Dubai Electricity and Water Authority (DEWA) was formed on 1 January, 1992, by a decree issued by the late Sheikh Maktoum bin Rashid Al Maktoum to take over and merge the Dubai Electricity Company and the Dubai Water Department that had been operating independently for several years until then. Both these organizations were established in 1959 through the foresight and initiative of His Highness Sheikh Rashid bin Saeed Al Maktoum, the late Ruler of Dubai, as government-supported bodies with the objective of making available to the people of Dubai an adequate and reliable supply of electricity and water.

Today, after near about five decades, DEWA is an inspiring success story known for its efficiency and reliability in every facet of its operations. Constant planning and forecasting to meet the growing demands of the customer has always been DEWA's well-entrenched philosophy. Owing to this policy, DEWA has come a long way in serving the customers and thereby making its own contributions to the economic growth of Dubai. Today DEWA employ workforces of over 9,000 employees who constantly endeavor to see that both the quantity and quality of services provided are of the highest standards in consistency and reliability. In Dubai, DEWA provides over 600,000 customers with electricity and over 500,000 customers with water.

<http://www.dewa.gov.ae/default.aspx>

OUTCOMES/WORK PACKAGES:

- Developing and registering one of the largest CDM project in the region with UNFCCC
- International recognition for DEWA's solar ambition and efforts

PROJECT APPROACH:

- Prince 2 for Project Management
- UNFCCC methodologies, rules and references

EMISSION REDUCTION POTENTIAL:

Unlimited as unlimited projects can be included in the PoA over a span of 28 years. The maximum capacity of the individual project should be less than 15MW.

CDM METHODOLOGY:

AMS-I.D Grid connected renewable electricity generation