Creation of a new green city

Expected project CAPEX : 55'000'000 €
Mandating Authority : Municipality of Kenitra

Summary

The new City is designed as a bioclimatic urban planning, sustainable habitat and high environmental quality, an energy-autonomous project and treatment of solid and liquid waste according to international standards in a 40,000 new city housing with all the economic social facilities. Photovoltaic Led lighting, waste and water treatment to energy integrated with other renewable energy through innovative electricity storage to provide energy on demand through the smart grid. The city profit to be the housing structure of the 40,000 employees of the new PEUGEOT-CITROEN plant.

Location and population

Kenitra, Morocco
40'000 inh. (phase 1)

Social and environmental impact

A 160,000 habitant (in final phase) new city having the goal to be CO2 and Greenhouse gas emission free will have an important impact in term of CO2 emission. The project will be one of the biggest smart city showcase for perfect renewable energy integration.

Main stakeholders

URBAN DEVELOPPEURS XI
Préfecture de KENITRA, ALHADADA community, ARCHI URBA S.N.C.; BENRAHMOUN Architect D.P.L.G
STAGE 1: Concept Development, Site identification
Target population
40,000 citizens

Surfaces
500 Ha of land

Climate
Arid

STAGE 2: Pre-Feasibility Studies
Pre-feasibility study: Yes

STAGE 3: Feasibility Studies
Feasibility study: In progress

STAGE 4: Permitting / Financing / Contracts
Land concession signed: Yes

Environmental impact study: In progress

Identified sources of fundings: Yes

STAGE 5: Engineering / Construction / Commercial Operation
Engineering, Procurement and Construction Contractor: BENRAHMOUN DPLG, ANTHOS SOLAR, SET/AIRPOWER

Operation and Maintenance Contractor: BENRAHMOUN DPLG, ANTHOS SOLAR

Comments

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