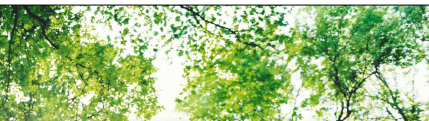




STRATEGIC ENVIRONMENTAL ASSESSMENT - SEA

KRISHNAJI PAWAR, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP
ENVIRONMENTAL SPECIALIST COURSE





PROJECT DESCRIPTION FOR ENVIRONMENTAL PROFESSIONALS

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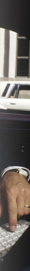


WHAT SHOULD YOU LEARN





- Statement of Need
- Project Description
- Master Plan Phasing
- Master Plan and land use
- Infrastructure Development
- Waste Management
- Other Projects, Plans, Policies and Programs relevant to Project Development
- Stakeholder Engagement



PROJECT DESCRIPTION

This section outlines the objectives for the Project and sets out the context for the SEA including:

- ✓ **Background & Objectives.**
- ✓ **Location and description of the Study Area.**
- ✓ **Status & Schedule.**
- ✓ **Project Status & Schedule. Relationship with Other Projects, Plans, Programmes and/or Strategies.**



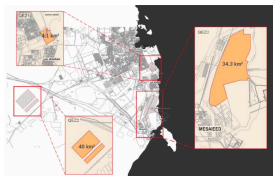
STATEMENT OF NEED

The Project Final Master Plan has been prepared in accordance with the national planning framework and with two overarching documents: the Qatar National Vision 2030 and the Qatar National Development Framework 2032.

- ✓ In order to support and achieve the goals of the QNV2030, the government has produced its Second Human Development Report, entitled "Advancing Sustainable Development". The report focuses on sustainable development through environmental protection, economic growth and social equity.
- ✓ In particular it seeks to "preserve and protect its unique environment" with the need for "a comprehensive urban development plan unique to Qatar that adopts a sustainable policy with regard to urban expansion and population distribution".



DEVELOPMENT LOCATION AND SCALE



- ✓ **A 34.3 km2 site adjacent to MIC and the NPP. The project will focus on downstream industries and is the subject of this report.**
- ✓ **These developments will be integrated & comprehensive whilst adhering to sustainable principles, characteristic architecture, state-of-the-art technology, and logistical infrastructure.**



PROJECT PHASES, STATUS AND SCHEDULE

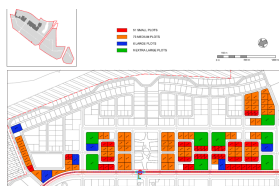


Phasing of the project therefore needs to consider the availability of land within the project site as well as predicted market demand. A general phasing strategy was adopted based on the known physical constraints of the site and predicted market demand.

✓ Due to the constrained nature of land availability in each phase, the land use budget has been adjusted.

✓ With the development of the NPP, the master planning and development of the project is in-line with the stated economic goals of the Qatar National Vision 2030 and Qatar's National Development Strategy 2011-2019.

MASTER PLAN LAND USE



✓ The project will be divided into industrial 'clusters' that have been identified based on the market analysis undertaken by Bain and Company in 2011. These clusters are intended to target sectors of the Qatari Economy that are currently under-developed or where demand for these sectors has been identified. They include Metals, Petrochemicals, Logistics, Building Materials, Tools and Machinery, Transportation and Automotive, Food Processing, and Maritime. The following are brief descriptions of each industry cluster:

INFRASTRUCTURE



✓ A wide range of infrastructure will be located within the project development site, including power substations, water infrastructure, waste management and telecommunication systems, as well as roads and rail networks.

✓ The details of each of the infrastructure components are briefly provided in the following sections, and their planned locations are shown in Figure

Plans, Policies and Programs relevant to Development



After launching Qatar National Vision 2030 (QNV 2030) the government developed the National Development Strategy 2011-2016 to overcome the challenges set at the QNV 2030 and pursue QNV 2030 goals.

As a result, Qatar has a number of major projects planned or under construction.

The project Master Plan has been planned taking into account the potential influence of adjacent projects and its influence on them

This section provides a brief description of these other projects.

PROJECT STAKEHOLDER ENGAGEMENT



The SEA is a participatory process. The Project Master Plan has been prepared in a collaborative manner with key coordination with the stakeholders since the Concept Master Plan. The Stakeholder engagement process has been implemented throughout the Master Plan design.

The Project development stakeholders that fit in this category include those authorities from whom agreements and ultimate approval will be required.

The Municipality and Urban Planning (MMUP), the Qatar General Electricity & Water Corporation (Kahramaa), the Public Works Department (Ashghal), and the Ministry of Environment (MOE) are under this category



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