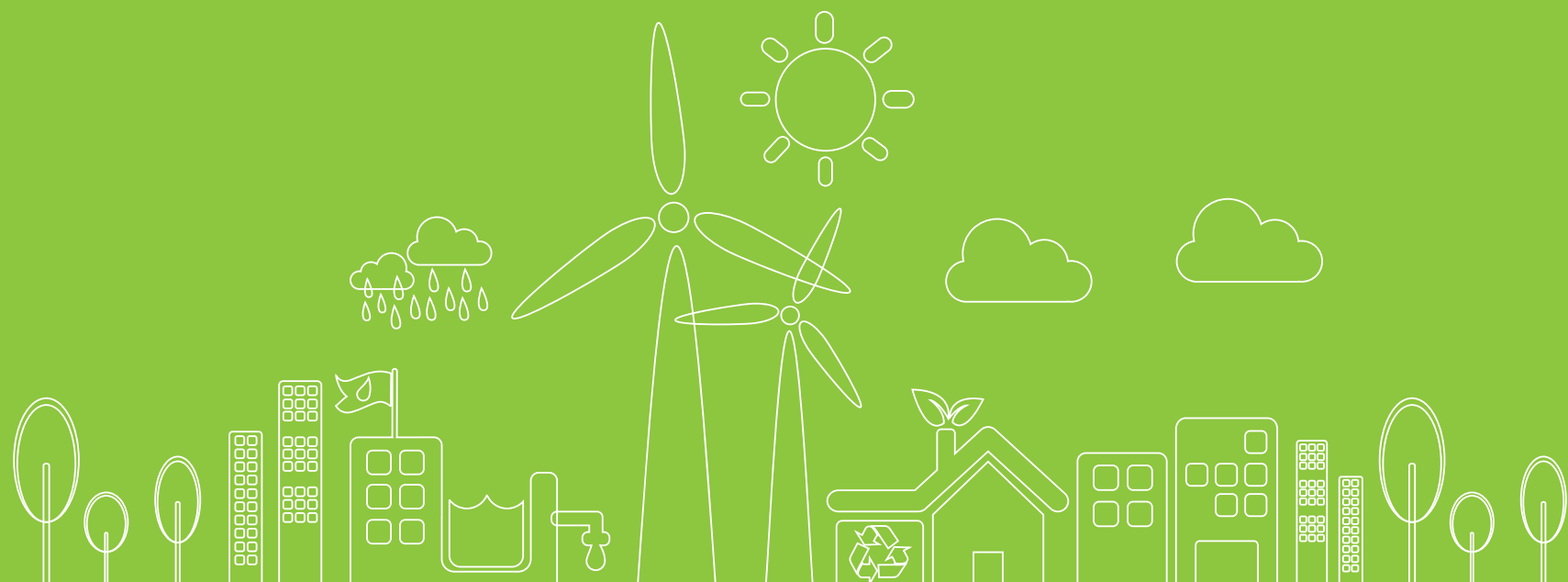




Pakistan Defence Officers Housing Authority, Karachi
2-B, East Street, Phase-I, DHA, Karachi-75500
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DHA-DRIVEN BY INSTITUTIONALIZED STRENGTH



DHA CITY KARACHI

Live the Dream



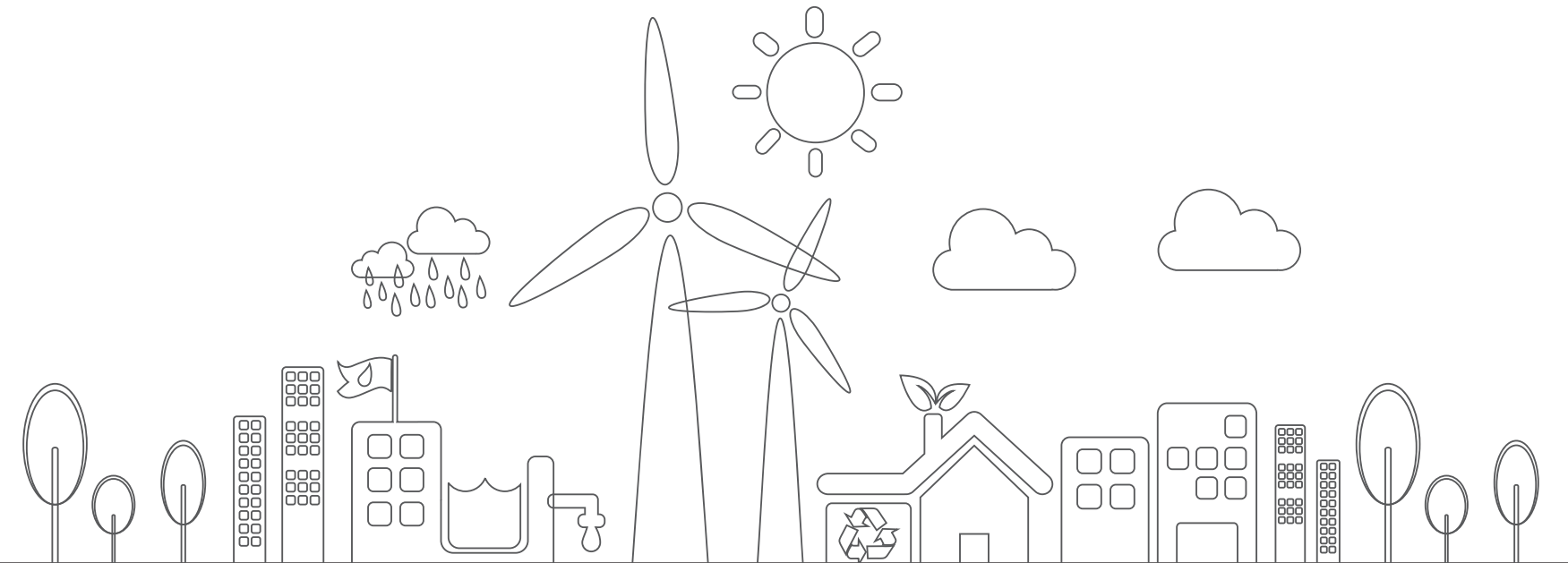
The First Sustainable, Green & Smart City of Pakistan



KARACHI

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A SYMBOL OF SUSTAINABILITY



INTRODUCTION

DHA City Karachi (DCK) is Defence Housing Authority Karachi's prestigious project of a modern sustainable city meeting the global standards of quality living. DCK is located along with the natural expansion of Karachi Metropolis. With the help of internationally acclaimed team, DCK will be self sufficient in all basic amenities of life. Some of the key highlights of DCK are:

- Situated on Karachi - Hyderabad Super Highway
- 30 minutes drive from Jinnah International Airport, Karachi
- Spread over 20,000 acres divided into two parcels of land measuring 12,000 acres (DCK South) and 8,000 acres (DCK North) respectively
- Capacity to accommodate a population of over 600,000 people
- Separate districts for health, education, business and residential purposes
- Sustainable infrastructure to ensure availability of all basic utilities
- Liveable by 2016

KEY HIGHLIGHTS

- DHA City Karachi (DCK) planners and architects have formulated the scheme in accordance with the needs of the future – adequate sanitation and water facilities have been planned as well.
- Planners have left no stone unturned in taking adequate measures to ensure that each house in DCK has access to un-interrupted supply of water.
- The entire master planning scheme consists of residential sectors planned as mini cities within DCK, with all the residential and



1 Cities within the city

- A network of cities within a city
- Evolving Ekistics theory
- Dynamic, organic shapes adjusted to terrain



2 Self-Sufficient

- A supra-regional downtown district
- Adoption of 'dynapolis' concept
- Self-reliance infrastructure

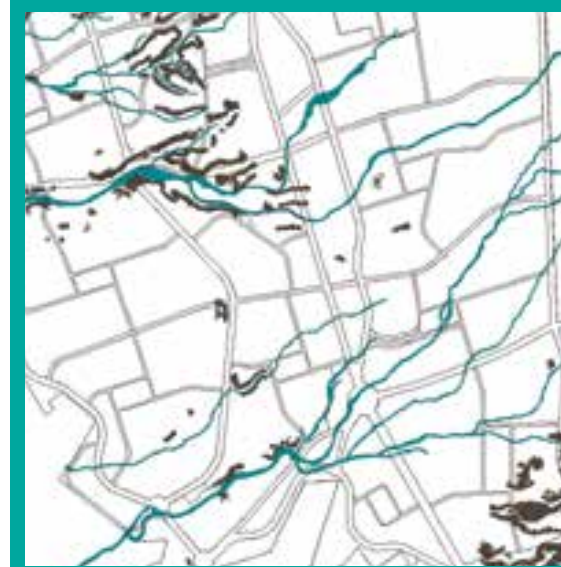


3 Mix Land use

- Mixed use development
- Multiple community centers
- Facilities in close proximity

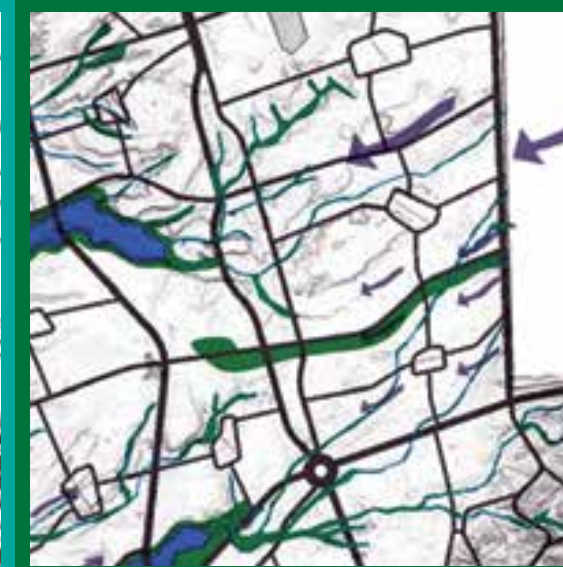
communal facilities provided within a distance of 5-20 minutes walk. The planning concept of these residential sectors has been adopted from the **Ekistics** concept model of urban planning.

- Routes have been designed in such a way so as to keep the traffic flow to a minimum yet still maintain space for pedestrians and cyclists.
- Upto ten to twelve communities have been planned in a way to ensure maximum tranquility as no large commercial centers, multi family homes have been allowed with a view to achieve complete peace and serenity in the area.



4 Adaptation to context

- Preservation of topography
- Avoidance of development on critical ridges
- Balance of cut & fill operations



5 Green corridors

- Preservation of existing streams for natural drainage and enhancement as green corridors
- Rainwater storage through two lakes with parallel recreational potential



6 Sustainable infrastructure

- Holistic integrated planning for infrastructure systems:
Transportation
Energy
Water
Solid waste
Landscape
ICT



VISION

“the first sustainable city of Pakistan”

DHA City Karachi (DCK) has been envisioned as ‘The First Sustainable, Green & Smart City of Pakistan’, which will serve as a model for future independent cities in the country and around the world. The aim has been to plan and build a city, which provides its citizens a safe, comfortable, efficient, engaging and sustainable lifestyle.

Aspirations & Needs of the DCK Residents:

- | | |
|--|---|
| Quality Infrastructure | Planning, Design and Implementation of a world-class 24/7 transportation & utilities infrastructure. Emphasis on water & energy needs of the city. |
| Safety & Peace of Mind | The safest city suburb in Pakistan with safety features incorporated through extensive planning. |
| Proximity | Integrated facilities for work, schooling, shopping, recreation & community activities in close proximity. |
| Environment | Using international vision plus local experience, to provide a beautiful living environment with highest quality of life in Pakistan. |
| Efficiency & Sustainability | The most energy efficient and sustainable suburb of Pakistan with efficient pedestrian, cycling, Metro & Roadway Systems with Renewable Energy Systems. |



Transportation

Extended public transport network combined with cycling and pedestrian infrastructure



Energy

Independent energy production through a power plant, solar parks and a wind farm



Water

Independent water distribution with readily availability of fresh water and waste water treatment network



Waste

An integrated waste management system from collection to final disposal



Malir River Expressway

54KM long motorway will connect existing DHA to DCK with drive time of about 20 minutes only



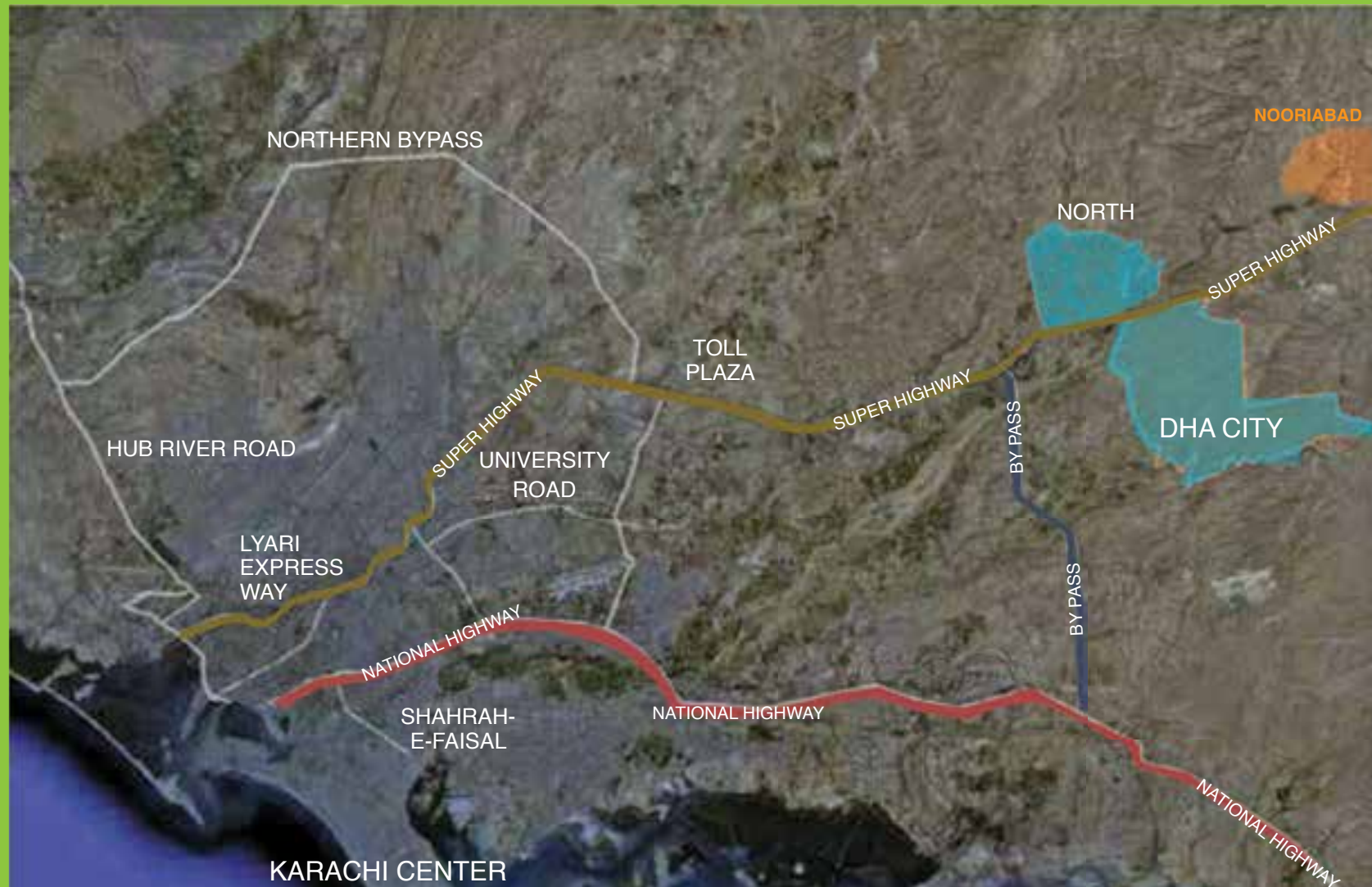
Landscaping

An integrated Landscaping plan from horticulture to artistic design



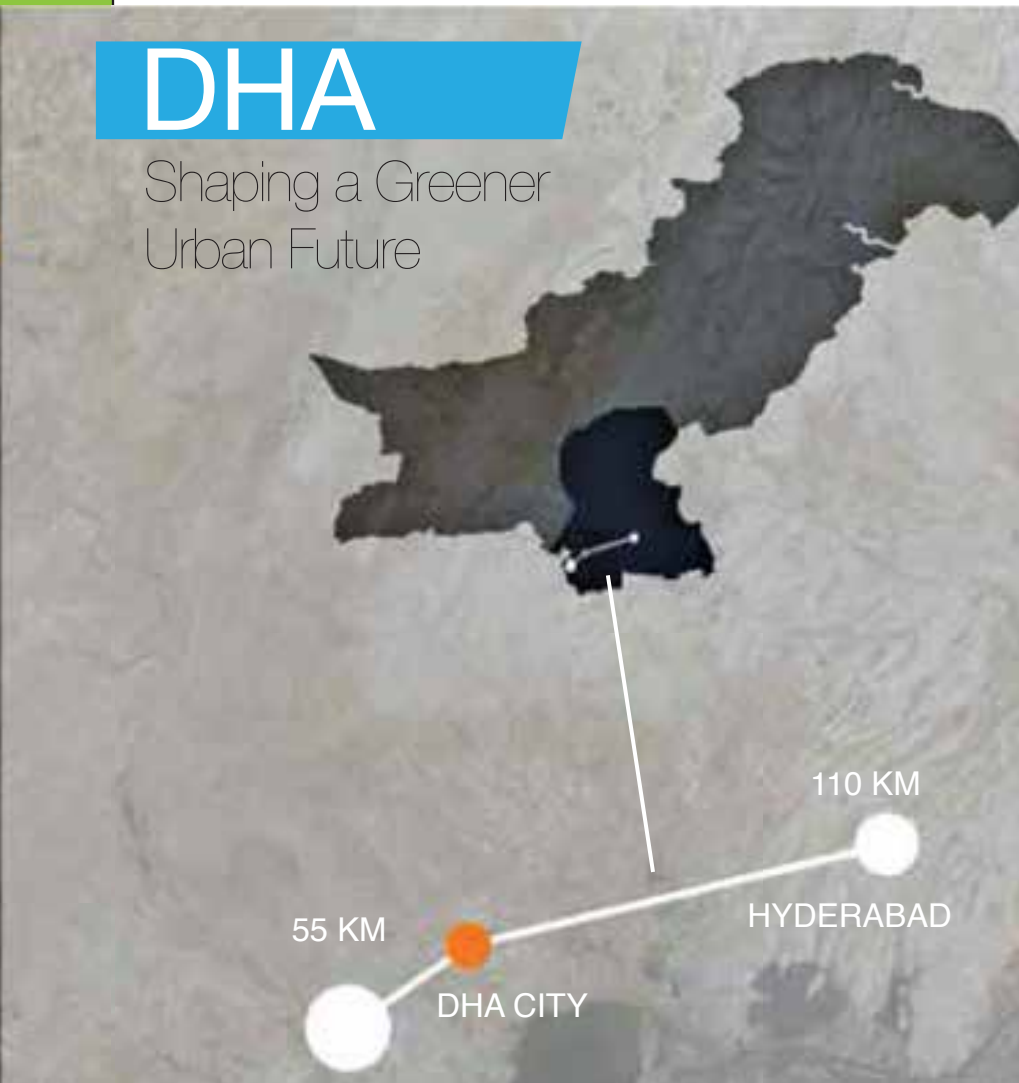
ICT Integrated Communication Technology

ICT Infrastructure will provide easy network management from surveillance to e-governance



DHA

Shaping a Greener Urban Future



LOCATION

DHA City Karachi (DCK) is situated 55 km east of the metropolis of Karachi, the largest seaport and economic hub of Pakistan.

The Karachi-Hyderabad Super Highway is its northern boundary. The city is 30 minutes away from the Jinnah International Airport Karachi.



Theme Park



Central Business Sub District



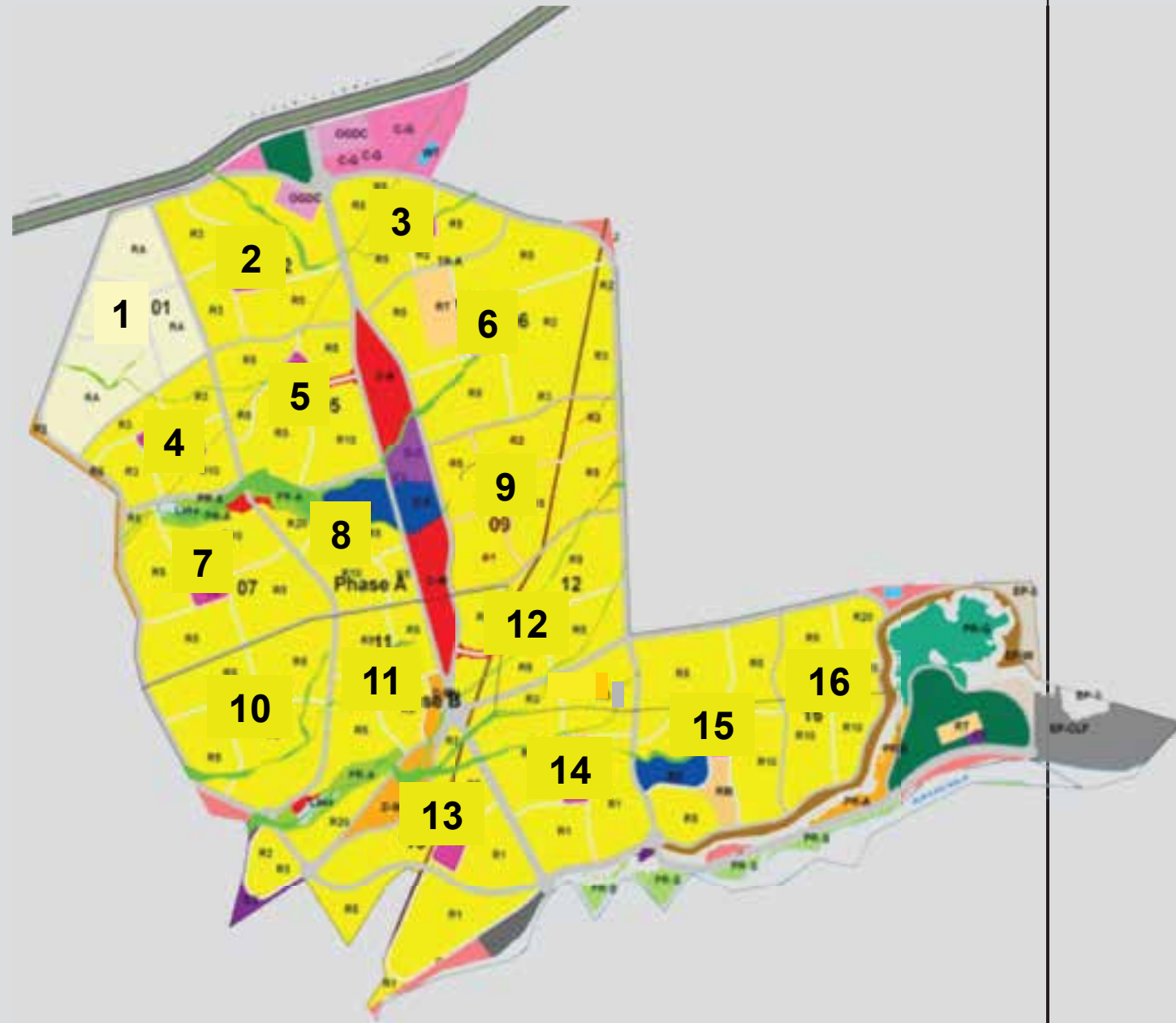
Education Zone



Lakeview Park



Sport Centers & Facilities



Gateway District



Downtown Market



Golf Club Resort



Wind & Solar Energy Parks



C5 Community Centers

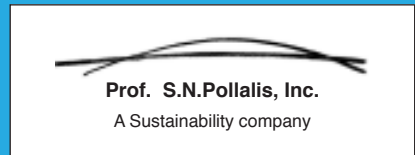
DHA CITY KARACHI

The masterplan was completed through an unprecedented exercise and transfer of know-how involving 100+ national & international experts using latest international standards, computational & GIS technology.

A consortium of leading national & international consultancy firms was appointed to plan the city with Lead Consultants:



Osmani & Company (Pvt.) Ltd along with





CITY OVERVIEW



HOUSING

The entire DHA City Karachi (DCK) master plan has been divided into 16 Residential Sectors. These sectors are planned as mini cities within DCK, with all the residential and communal facilities provided within 5 to 20 minutes walking distance.

Each sector has one community center and it is divided into four sub-sectors. Sub-sectors contain a community center or centers depending upon the size of the population.

Each sector is allocated with an architectural theme to provide its own identity for instance Sector-3 has a Spanish theme.

To provide safety and security, DCK has a boundary wall around the city and each sub-sector is a separate gated community.

Cul-de-sacs are used on the perimeter of each sub-sector to reduce traffic.



GATEWAY DISTRICT

The gateway sub district will comprise of:

- Gateway Club
- DCK Campsite
- DCK Directorate
- Theme Parks
- Hotel
- Restaurants
- Outlet Mall
- Visitors Center
- Healthcare District



HEALTHCARE DISTRICT

Spread over around 90 acres, the DHA City Karachi (DCK) Healthcare District will provide state-of-the-art healthcare facilities to DCK residents.

Teaching hospitals with different specialties along with hotels, commercial and housing functions with all required amenities shall be provided at DCK Healthcare City, which will also function as a medical tourism hub.



DOWNTOWN

The Downtown of DHA City Karachi (DCK) consists of several districts:

- Central Business District
- Culture and Arts District
- Education District
- Central Market District
- Mixed Use District



CENTRAL BUSINESS DISTRICT

The central business sub-district developed as a mid-to high-rise zone, with a strategically ordered mix of height variations, to provide a strong physical character to this business core of the new city. The proposed program of buildings includes banks, financial institutions, business services, administrative & public welfare buildings, mixed-use residential blocks, restaurants, cafes, cinemas, luxury hotels, convention centres and parking structures.



CULTURE AND ARTS DISTRICT

Culture & arts sub-district has been meticulously planned keeping all facets of life in mind. This district is planned exclusively for arts & cultural activities. The district will comprise of

- Auditorium
- Theatre
- Cinema
- Expo Center



EDUCATION DISTRICT

DHA City Karachi (DCK) believes education is the passport to the future as tomorrow belongs to those who prepare for it. Therefore, each sector shall have kindergarten, primary / secondary schools along with a college to provide educational services to residents at their doorstep.

Also, an Education District is designed in the downtown for higher education which will comprise of several universities of international repute.

This will work in conjunction with the Healthcare District where medical education shall also be provided in the medical universities planned with the hospitals.



CENTRAL MARKET DISTRICT

Central market sub-district is a specialized district that would feature:

- Stand-alone Shops
- Shopping Centers
- Recreational Facilities
- Restaurants
- Parking Lots
- Food Street
- Parks



MIXED-USE DISTRICT

This district would comprise of:

- Shops
- Offices and Clinics
- Showrooms
- Supermarkets
- Service Apartments
- Hotel
- Cafe / Restaurant
- Gymnasium
- Playgrounds



CITY FEATURES



ENTERTAINMENT

Proximity to areas of entertainment is also one of the key factors taken into account when searching for a home; DHA City Karachi (DCK) provides 100% entertainment, all within reach.

Entertainment includes the following:

- Theme Parks
- Golf Club Resort City
- Sports City
- Outlet Malls
- Malls
- Clubs
- Cinemas
- Cafes
- Restaurants
- Gym
- Play Areas
- Community Parks and Playgrounds



SECURITY

To make DHA City Karachi's citizens feel at peace, safe and secure, DCK intends to take every possible precaution. DCK will be the safest city suburb of Karachi as well as of Pakistan with safety features incorporated through planning and information technology interventions.

A close eye will be kept on the roads through electronic surveillance. There will be a three-level security system, a watch tower with armed guards and their regular patrolling, boundary walls around the entire city and for each sector and sub-sectors, CCTV cameras at every possible point, check posts and controlled access through e-tagging.



WATER SUPPLY

DHA City Karachi (DCK) planners and engineers have formulated a scheme in accordance with the needs of the future – adequate sanitation and water facilities have been planned. The planners have shown no leniency in taking measures to ensure that each house in DCK has access to un-interrupted supply of water. The water requirement of DCK till 2020 is estimated to be 4-5 MGD, which will be met through abundance of underground water available in the area. The test results of boreholes at DCK are positive, hence successful; yielding high quality drinking water of good TDS value (800-2000).



ICT

DHA City Karachi (DCK) is not only the first sustainable city of Pakistan but is also the first smart city of Pakistan. Therefore, the residents of DCK will be provided with optimal Information Communication Technology services in a reliable and sustainable manner. In DCK, the residents will enter a new era of modernity, where they will enjoy their lives with international living standards. The new ICT networks and technologies will present a huge opportunity, providing real-time information to the residents, stakeholders and service operators.

The ICT infrastructure will also be used for management of urban requirements of a Smart City, such as surveillance, disaster management and e-governance.



VILLAS

DHA City Karachi (DCK) presents luxury villas that define the quality of living with highest standards of security, privacy and comfort with style. These constructed villas are designed by the world renowned architects keeping in consideration the design structure while meeting the luxury needs of the family.

DHA Villas provide a green & serene environment promoting the concept of a socially responsible neighbourhood.



FARMHOUSES

DHA City Karachi (DCK) Farmhouses will be one of its kind private family entertainment hub of Karachi within three-level secured boundary walls. Situated in the beautiful and breathtaking location within DCK, DCK Farmhouses will provide up-beat, serene and countryside lifestyle with leisure facilities and activities for the entire family.



GOLF RESORT

Surrounded by 18 holes PGA Standard Golf Course. DHA City Karachi (DCK) Golf Resort offers serene and peaceful high-end living with the modern architectural design. Planned and designed by world-class professionals, it presents a very charming and beautiful venue for playing and enjoying golf.



TRANSPORTATION

DHA City Karachi (DCK) will be a highly energy efficient and sustainable suburb of Karachi as well as Pakistan with efficient Pedestrian, Cycling, Metro, Roadway Infrastructure and Renewable Energy Systems. The entire master planning scheme consists of residential sectors planned as mini cities within DCK, with all the residential and communal facilities provided within a distance of 5-20 minutes walk. The planning concept of these residential sectors has been adopted from the **Ekistics** concept model of urban planning.

Routes have been designed in such a way so as to keep the traffic flow to a minimum yet still maintaining space for pedestrians and cycling.

A highly structured transportation network has been mapped out to facilitate the residents. Two main roads will provide rapid access to the entire site, minimizing the distance of any point from the Super Highway and allowing the development of vital activities beyond the frontage of DCK.

The residents of DCK will enjoy swift connectivity through Malir Motorway to the city of Karachi.



MALIR MOTORWAY

Malir Motorway as part of Karachi – Hyderabad Motorway (M-9) will bring DHA City Karachi even closer. This 54KM-long motorway will connect existing DHA to DCK with a drive time of about 20 minutes only.



CHALETS

DHA City Karachi (DCK) also offers luxury chalets set in serene & picturesque environment of DCK. These Chalets will facilitate leisure activities for the entire family with the ultimate experience in comfort and luxury, set in a peaceful and secure environment.



BUS RAPID TRANSIT SYSTEM (BRT)

The Bus Rapid Transit System (BRT) has been extended to DHA City Karachi. Residents of DCK will benefit from the blue-line of the BRT System that will provide a comfortable and efficient public transportation system.

This will facilitate a speedy link to the city center from DCK.



