

# **Integrated Conference of Better Air Quality (BAQ) 2014**

**&**

## **Intergovernmental Eighth Regional Environmentally Sustainable Transport (EST) Forum in Asia**

19-21 November, 2014

Colombo, Sri Lanka

Presentation on Karachi, Pakistan

By

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**Karachi Metropolitan Corporation**

# **PRESENTATION FORMAT**

## **➤ KARACHI PROFILE**

- STRATEGIC REGIONAL LOCATION OF KARACHI**
- PHYSICAL FEATURES**
- ECONOMIC POTENTIALS**

## **➤ TRANSPORT SECTOR**

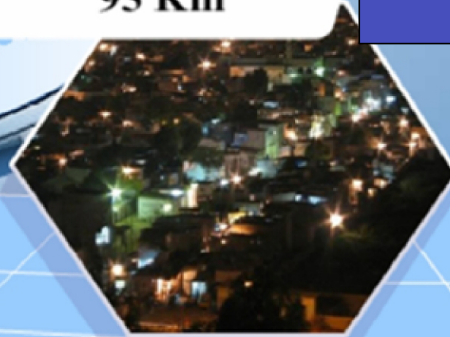
- OVERVIEW**
- MAJOR CHALLENGES & CONSTRAINTS**
- KARACHI TRANSPORT MASTER PLAN**
- TRAFFIC MANAGEMENT & ENVIRONMENT**

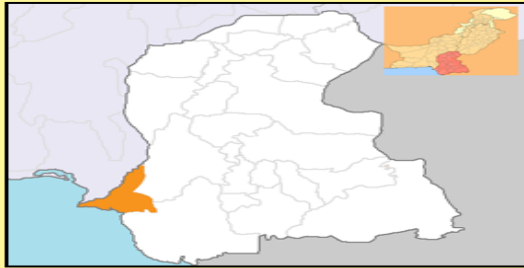
# Karachi Physical Features



▶ **Coastal Belt**  
**95 Km**

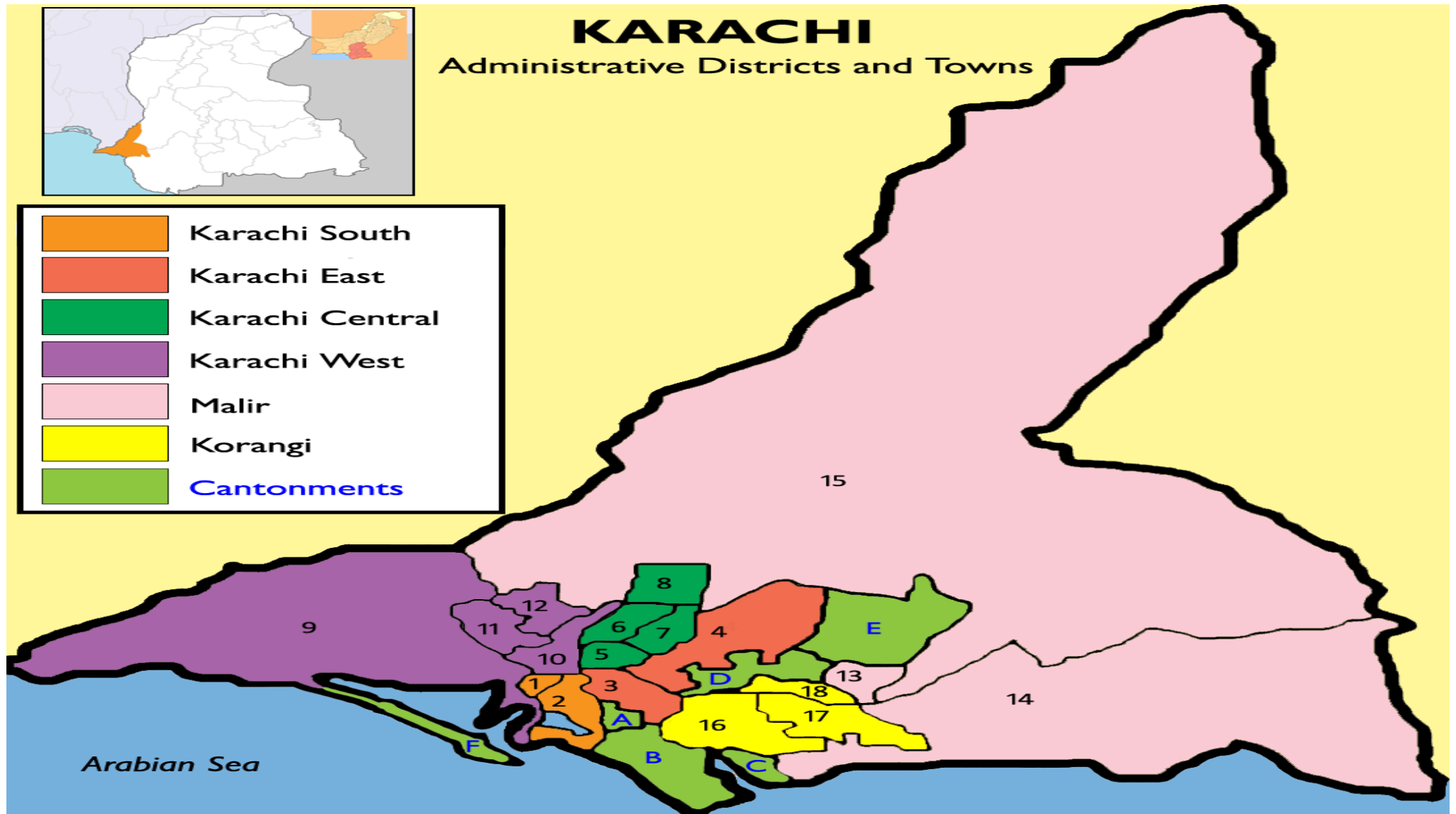
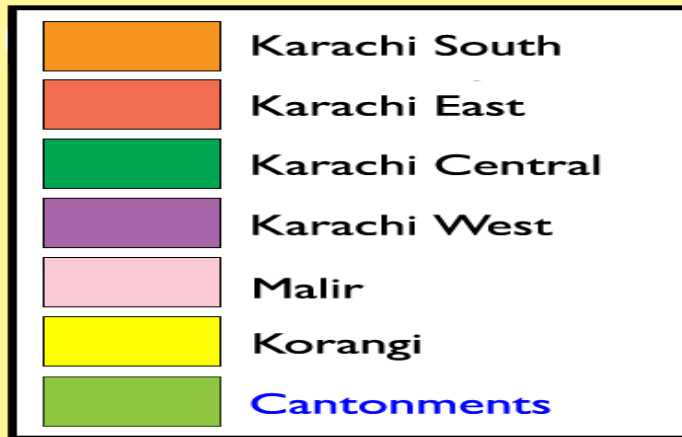
Rank	7 <sup>th</sup> Largest City
Population	23 Million
Area	36,00 Sq Km
Districts	06
Coastal Belt	95 Km





# KARACHI

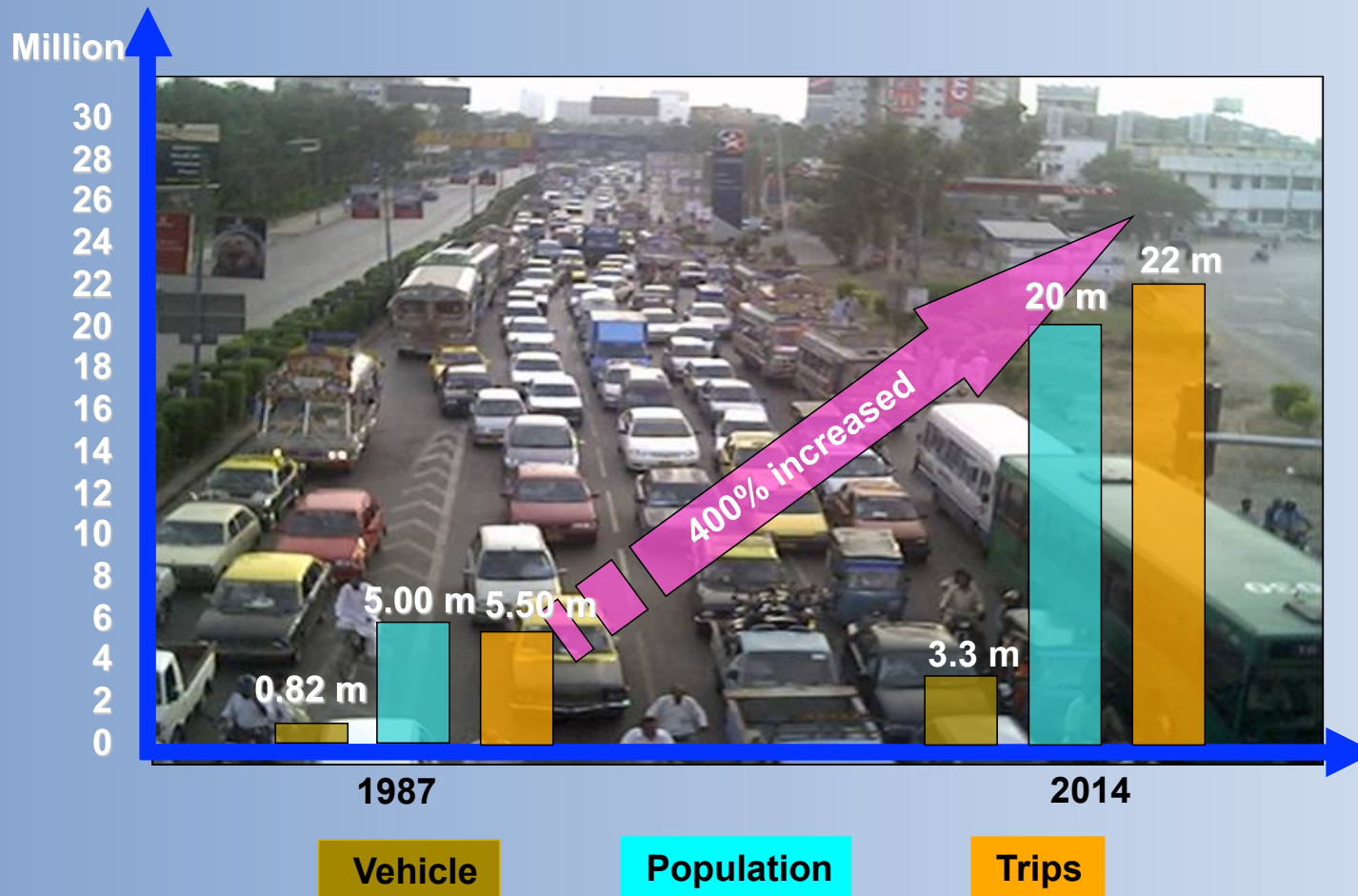
## Administrative Districts and Towns



## **TRANSPORT SECTOR OVERVIEW**

- **Road Network 10,000Km**
- **Registered Vehicles 3.3 Million**
- **Out of 22 million trips generated in Karachi, 45% are by public transport**
- **Currently 12,000 buses of various sizes on 254 routes**
- **Contract Carriage (Buses / Coaches) are 2,715**
- **45% (i.e. 5,400 buses) more than 20 years old**

## GROWING TRAVEL DEMAND

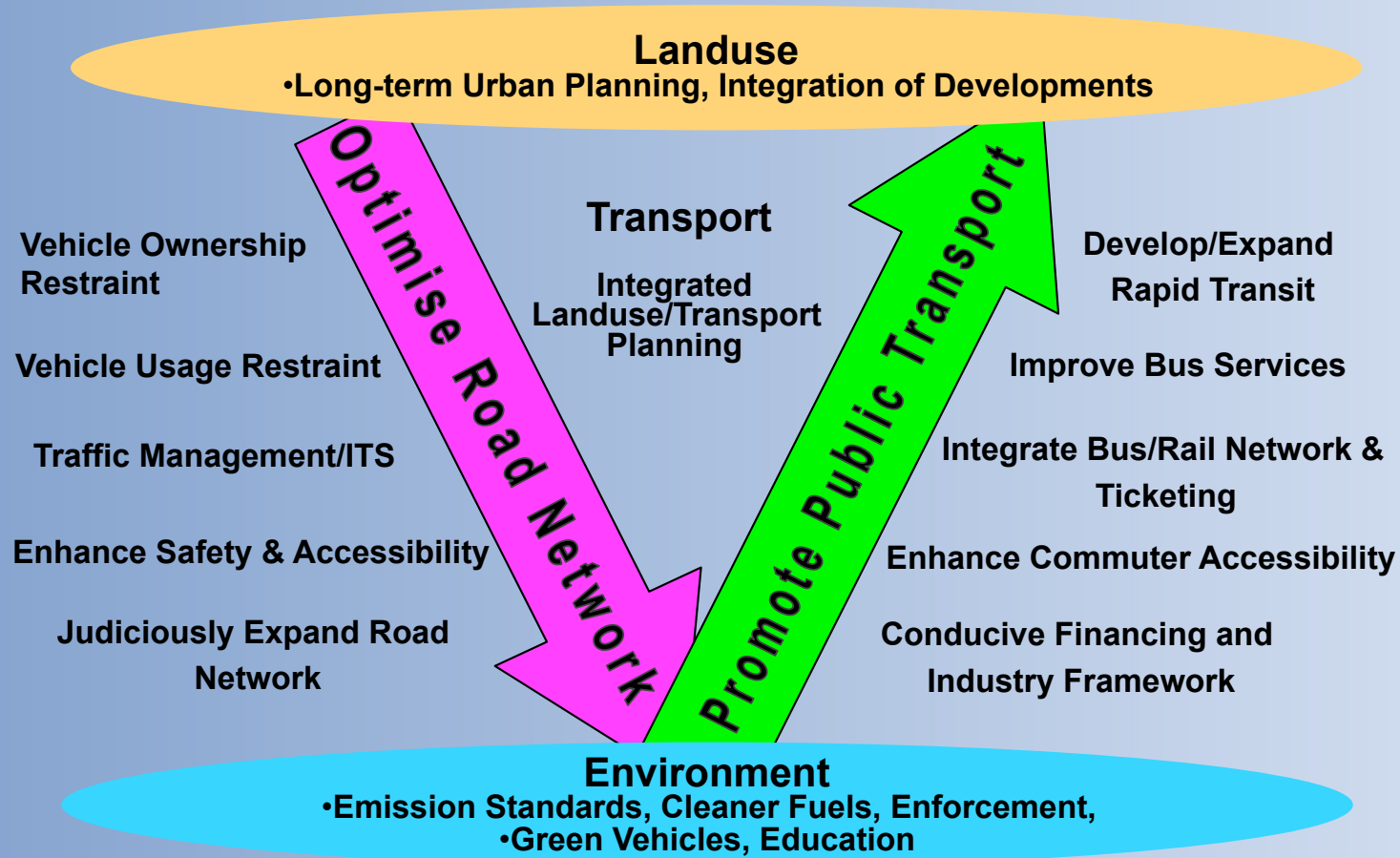


# **TRANSPORT CHALLENGES**

- **Fast urbanization**
- **Rapid motorization**
- **Increasing traffic congestion**
- **Absence of an efficient Mass Transit System**
- **Shortage of Resources**

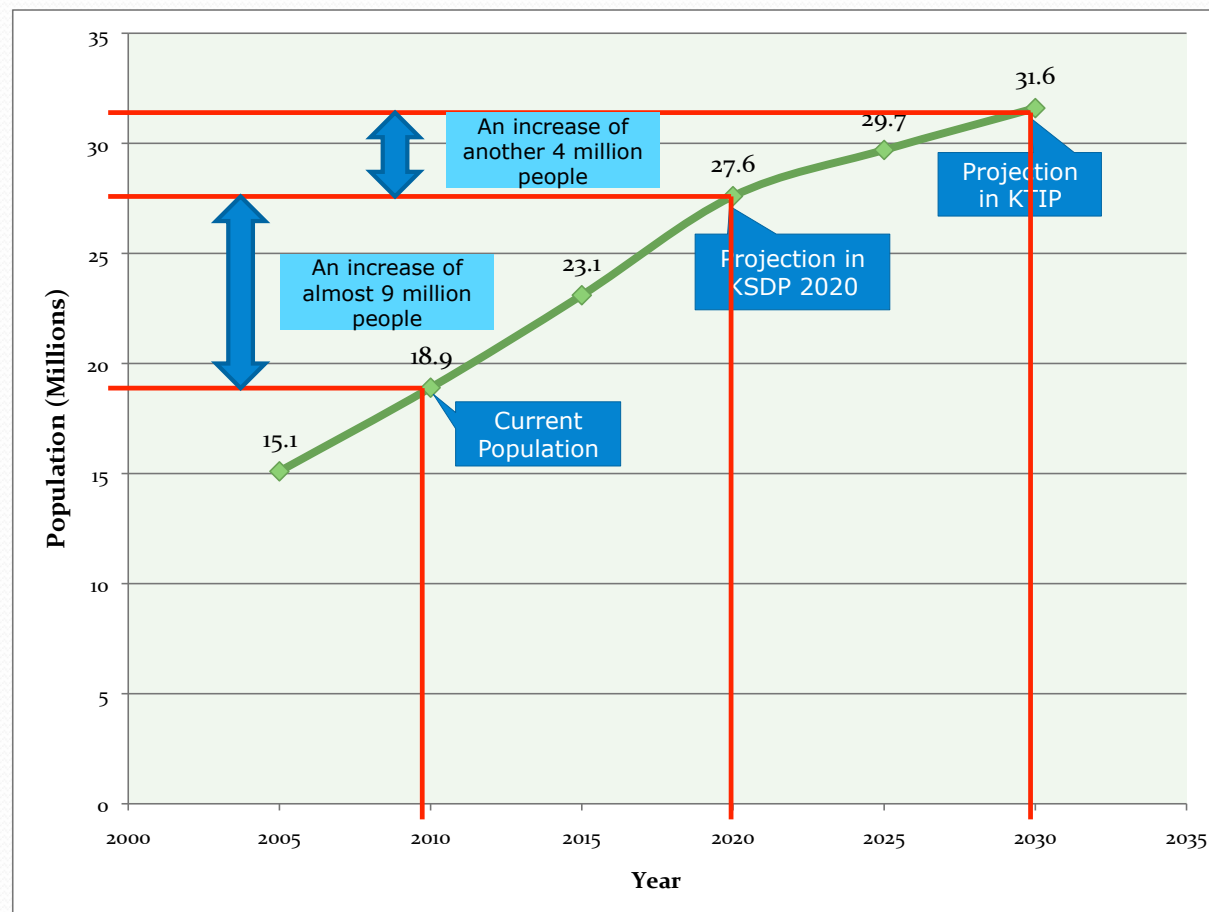
# TRANSPORTATION STRATEGY

## (SUSTAINABLE & INTEGRATED APPROACH)



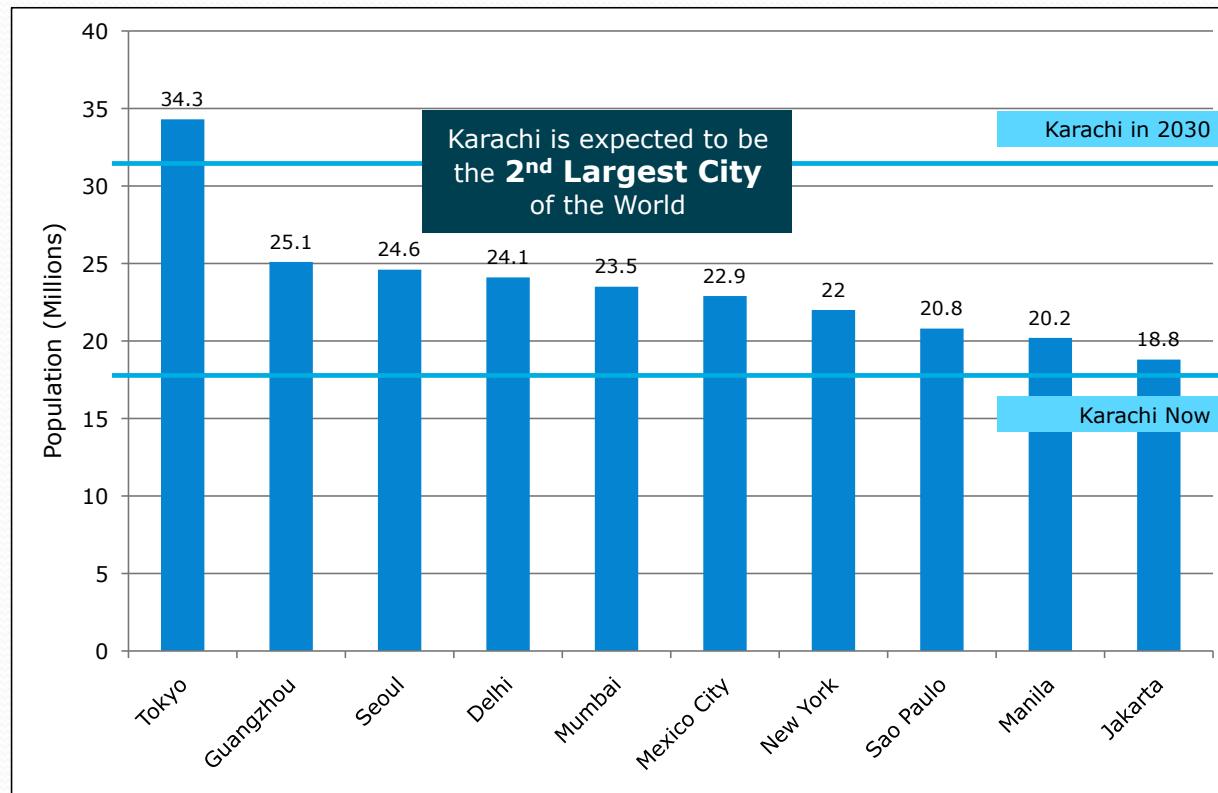


# Population Projection for Karachi



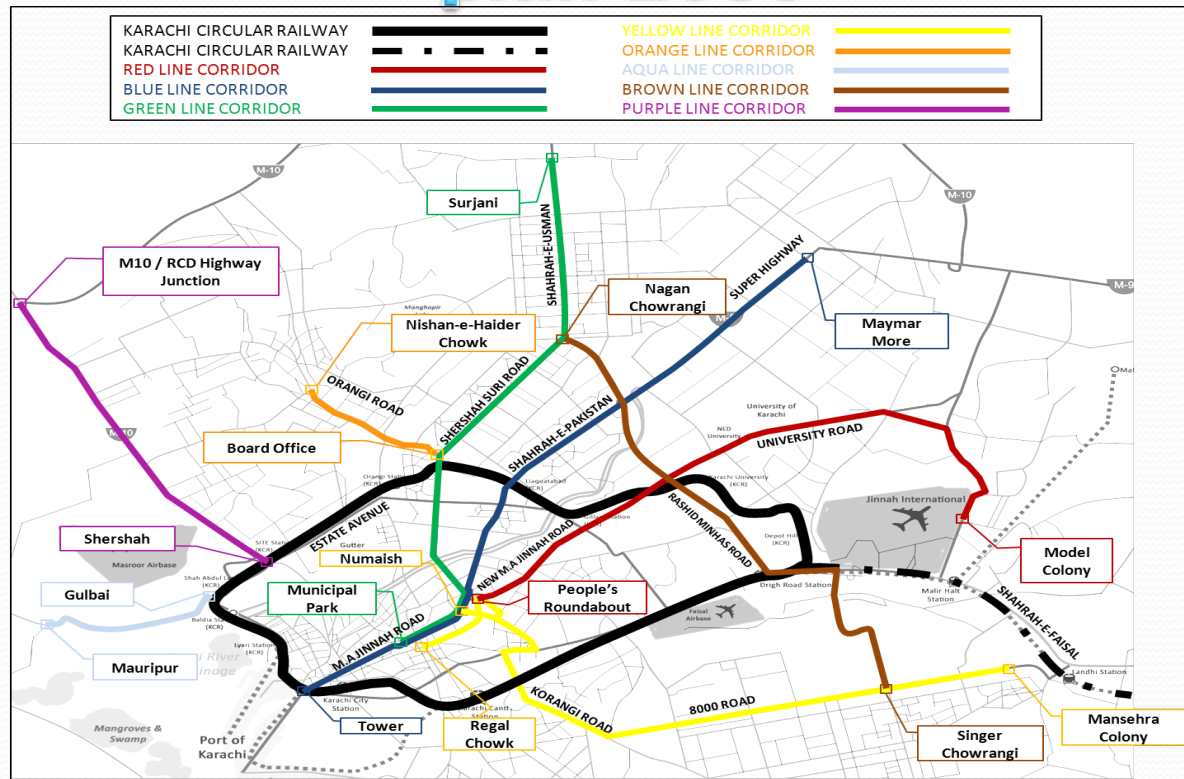
Source : KTIP 2020

## World Metropolitan Population



- ✓ All Metropolises of the world have a good Mass Transit System except Karachi.
- ✓ So a high demand of good Mass Transit System can easily be understood.

# Karachi Mass Transit Master plan-2030



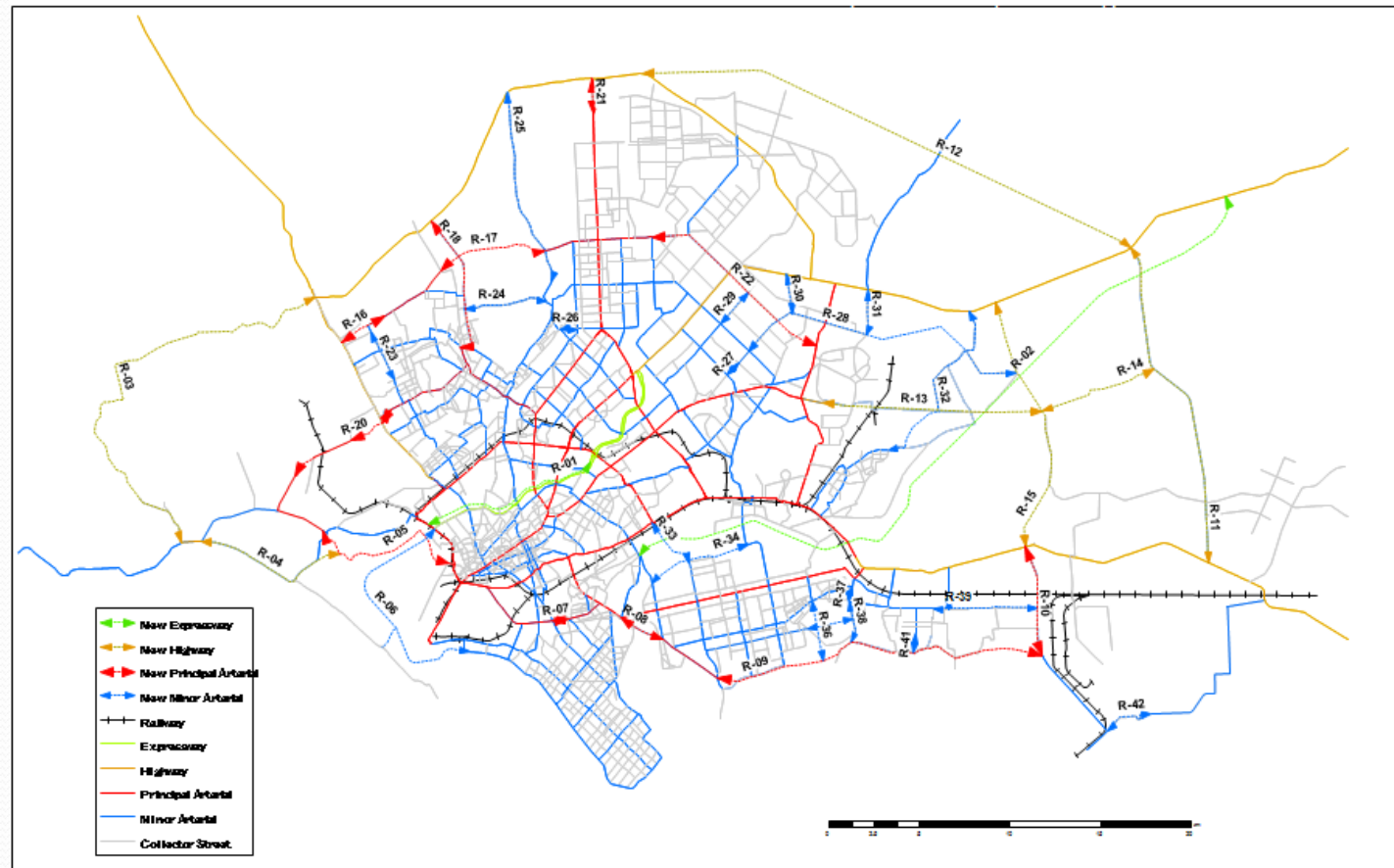
KCR (43 KM), 2 Metro Corridors (41 KM), 6 BRT Lines (92 KM)

BRT Yellow, Green, Red, Orange & Blue lines have been taken up.

## Road Network in 2030

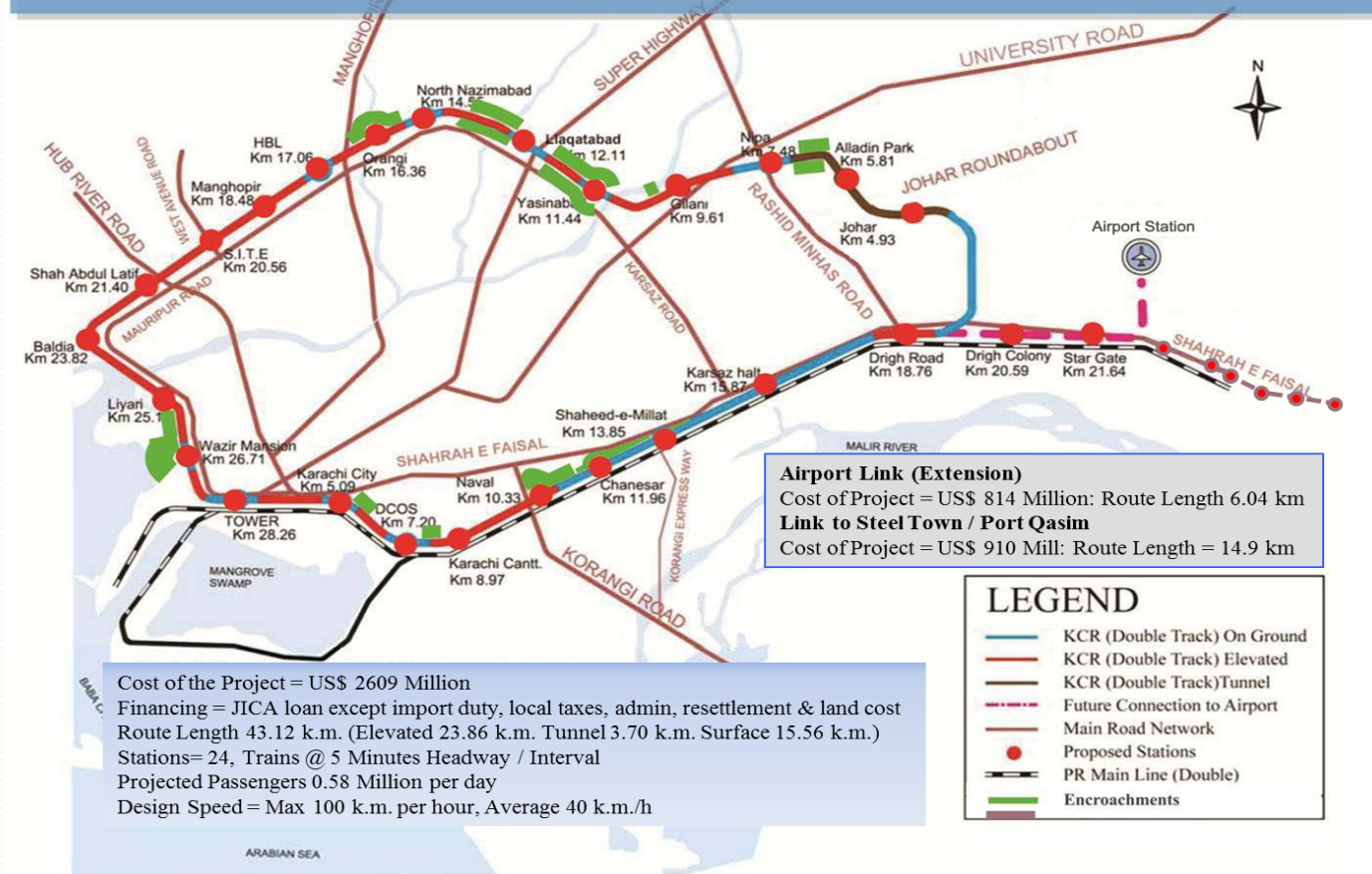
IN ORDER TO ENSURE CONNECTIVITY AND ACCESSIBILITY TO THE MASS TRANSIT SCHEME VARIOUS INFRASTRUCTURE PROJECTS HAVE BEEN IDENTIFIED FOR IMPLEMENTATION UP TO YEAR 2030.

THIS INCLUDES EXPRESS WAYS, HIGHWAYS, OVERPASSES, ARTERIAL, MISSING LINKS, PEDESTRIAN BRIDGES AND PARKING PLAZAS:



# Karachi Circular Railway

## KCR ROUTE ALIGNMENT





# Non-Motorized Transport

Two pilot projects which are in downtown area have been taken up for Non-Motorized Transport.

1. Saddar Area (CBD)
2. I. I. Chundrigarh Road (Financial Hub)



# PROVISION OF MULTI LEVEL PARKING FACILITIES

S. #	NAME / LOCATION OF PARKING FACILITY	PARKING SPACES
01.	LINES AREA CAR, NEAR SADDAR DAWAKHANA, EMPRESS MARKET.	CARS: 710 M/CYCLE: 300
02	UNDERGROUND PARKING AT BARADARI, ON BOT BASIS.	CARS: 600
03	SCHON UNDERPASS, CLIFTON.	CARS: 500 M/CYCLE: 100
04	CIVIC CENTRE PREMISES.	CARS: 679 M/CYCLE: 300
05	SHAHABUDDIN MARKET, ADJACENT EMPRESS MARKET, SADDAR.	CARS: 1980 M/CYCLE: 220
06	JHEEL PARK, OFF TARIQ ROAD.	CARS: 3000





# Road Safety Policies / Measures

- Provided lane marking, signals, zebra crossing and signals as per standard
- Drivers training program
- Awareness program on Road Safety for school children and general public
- Induction of Traffic Warden to supplement and compliment Traffic Police.



**THANK YOU**

**Q&A**