

## **HYDERABAD METRO RAIL PROJECT – An Urban Rejuvenation Effort**

Today industrial pollution, automobile pollution, commercial pollutants, and pollutants from manufacturing units and biomass combustion are affecting denizens' health thereby impacting productivity levels and Hyderabad with its rapid urbanisation is not an exception. As cities become the engines of economic growth, city officials and decision makers face a challenging task of developing and maintaining efficient and eco friendly urban transport systems. An efficient mass transit system is an ideal solution to provide better air quality, liveability and competitiveness of a city.

While there are about 200 urban Mass Rapid Transit (MRT) systems across the globe, only 4 (Singapore, Hong Kong, Tokyo and Taipei) are making profits, as these successful systems get a substantial part of their revenue from property development at Metro stations and depots.

Hyderabad Metro Rail project is one such project that is also unique since it is the world's largest *Public Private Partnership (PPP)* project with financial, engineering and technological innovation, and will cover three high density traffic corridors of the city spanning 72 km. The project is being built with state of art design, quality and safety features and is completely elevated Metro Rail that will catapult Hyderabad into an efficient city with low carbon footprint and eventually place Hyderabad among the preferred cities to reside.

The project will also transform Hyderabad into a people friendly green city with emphasis on inter-modal connectivity to main rail terminals, bus stations and dedicated feeder bus services for 'seamless travel'. The pedestrian facilities, bicycle tracks, walkways and street furniture incorporated in this project will enhance the quality of life in Hyderabad and make it a globally competitive city.

The Hyderabad Metro stations and Depots will have mega shopping malls, multiplexes, office/commercial spaces, hotels, restaurants, clinics/diagnostic centres, convention centres, entertainment centres, bank branches, 'A to Z' shops etc., and will become hubs of activity in the city. High foot falls around the station surroundings will eventually increase the rental values of the properties and will also bring in additional revenues to the City. HMR will substantially contribute to the vision of Chief Minister of Telangana, Mr. K. Chandrasekhar Rao in transforming Hyderabad as a GLOBAL CITY.

The Metro works are at brisk pace along all the corridors and the project is expected to commence commercial operations in due course. Hyderabad Metro is one of the fastest happening projects in the country. Starting physical works in June 2012, project currently at around 60% completion, achieving all scheduled Project Mile Stones. The 2 major Depots of Miyapur and Uppal have been completed and two stretches of 8 km in Corridor-III and 12 km in Corridor-I are completed in all respects. 50 train sets (3-car trains) have been received so far and they are in various stages of testing/trial run in the Depots and completed stretches of viaduct. So far out of 72 km, 53 km of foundations; 50 km of piers and 41 km of viaduct have been completed.

Hyderabad Metro project is shaping up to establish several global benchmarks and the project is converted from an engineer-centric transportation project to a people-centric innovation project and an urban rejuvenation effort.



Hyderabad Metro Rail Station-an engineering marvel



Hyderabad Metro Rail Station-a closer view



Hyderabad Metro Rail Station-Landscaping & street furniture



Hyderabad Metro Rail -State of Art technology



State of Art Hyderabad Metro train



Commuter friendly facilities in Hyderabad Metro station