

CHAPTER 1 - ACCESS AND MOBILITY

300

301.04 BICYCLE STORAGE



INTENT

Encourage bicycle use to minimise pollution and greenhouse gas emissions, improve connectivity, promote active lifestyle and associated health benefits.

REQUIREMENT

For Golden and Platinum Sa'fa and for all new buildings, other than villas, secured and covered racks or storage areas for bicycles must be provided within the building or within a shaded area located on the ground floor and no more than 30m from a building entrance within the plot limit. Secure racks or storage areas must be provided for a number of bicycles equal to at least 10% of the number of car parking spaces required for the building, as defined in the Dubai Municipality (DM) Building Regulations.

For student accommodation and labour accommodation, secure racks or storage areas must be provided for bicycles, for at least 10% of building occupants, with the same above conditions.

SIGNIFICANCE

There is an increasing use of bicycles in Dubai for recreation and as a means of transportation to work. The development of new residential areas close to work places in Dubai will allow many employees to consider bicycles as a viable means of transportation. Most new major developments in Dubai are being promoted as pedestrian and bicycle-friendly.

The successful implementation of a strategy to increase the use of bicycles in Dubai, depends partly on adequate infrastructure. Dubai currently has over 250km of dedicated cycling tracks (fig. 301.04(1)) and Roads and Transport Authority (RTA) has plans of constructing more tracks in the coming years, as part of their strategic approach to ease traffic congestion and increase road safety. The provision of bicycle storage at destinations is important in ensuring the success of such a strategy.



Fig 301.04(1): Cycle Track in Dubai

Use of bicycles produces no emissions and does not require use of fossil fuels. Bicycle commuting contributes to relieving traffic congestion and reducing noise pollution. Reduced traffic volumes will in turn result in reduced air pollution, reduced demand for infrastructure for roadways and parking lots. Bicycle usage will also promote active healthy lifestyle amongst the population.