

# CHAPTER 1 - ACCESS AND MOBILITY

300

## 301.02 PREFERRED PARKING



### INTENT

Encourage the use of electrical, hybrid and carpooling vehicles, thereby reducing the pollution and traffic volume impacts from automobile use.

### REQUIREMENT

For all new buildings, other than villas, that have more than 20 parking spaces, designated preferred parking must be provided for a combination of hybrid vehicles, electrical vehicles and carpool vehicles. The percentage required for preferred parking spaces shall be calculated based on the total vehicle parking spaces required for the building, as defined in the Dubai Municipality (DM) Building Regulations. The percentages required for preferred parking are as follows:

- 5% for Silver Sa'fa
- 7% for Golden Sa'fa
- 10% for Platinum Sa'fa

The above percentages, does not include the spaces provided for People of Determination.

### SIGNIFICANCE

High numbers of private cars on the road leads to severe traffic management woes. Modern and urban cities like Dubai have a high vehicle density levels. Higher vehicle density levels are one of the major contributor for air pollution levels. Use of conventional fuel vehicles not only affects the greenhouse gas emissions but also pose public health risks.

By encouraging the use of low emission hybrid vehicles and electric vehicles or alternatively opting for carpooling can reduce air pollution levels. Hybrid vehicles with their higher fuel economy along with a reduced consumption of fossil fuel help the environment to preserve its natural wealth.

The environmental benefits of carpooling are significant (fig. 301.02(1)). Carpooling reduces the number of vehicles on the road, reduces the use of fossil fuel, and thereby reduces the air pollution. Carpooling also reduces the size of the parking areas needed to support building occupants.