



# BICYCLE SHARING SYSTEM TO REDUCE CO2 EMISSION

**CASE STUDY/INSIGHT**



# BICYCLE SHARING SYSTEM TO REDUCE CO2 EMISSION

In the bicycle sharing system, the bicycles are made available for shared use of people on a short-term basis. Cycling has benefits for both health and environment. Even if one doesn't own bicycle, he can travel using bicycle from bicycle sharing system. Many cities now have the bicycle sharing system throughout a defined geographical area to facilitate short-term renting of cycles. Bicycle sharing systems are run by public-private partnerships or completely by government.

The first bicycle sharing system was started in Europe during 1960s. But this concept became popular only during the recent decades. Besides being a popular method in developed countries, this method is now getting into practice in developing countries also. Bicycle sharing programs usually have two types of user fees. One is through obtaining a 'pass' that gives access to cycles for a specific period of time like 1 month. The other one is through payment based on the duration the cycles have been used. Regular office going people can benefit from pass system, while the latter is for occasional users.



## BICYCLE SHARING SYSTEM TO REDUCE CO2 EMISSION

Integrated cycling and public transportation system is also getting popularized in many countries around the world. It is a system where people can use cycle till the bus stops or railway station and then travel by public transportation to reach the destination. It is one of the ways to avoid the usage of individual vehicles like two-wheeler and car and instead start using public transportation and cycling. This will help in reducing CO2 emission, air pollution, noise pollution and traffic congestion. Besides having positive effects on environment, it helps us in keeping fit and healthy. Continuous use of cycles has benefits on improved cardiovascular functioning, strengthening of muscles and relieves stress. This system adds an advantage of being cheap and affordable than two-wheeler or car rental. It also eliminates the need to own bicycles. Bicycles from shared system can be used for commuting to office daily, going for shopping nearby or even to have leisure time. This system allows bicycles to be returned to any parking station in the system, which is beneficial for people. It helps people to overcome theft, vandalism, parking and maintenance concerns of bicycles.



## **BICYCLE SHARING SYSTEM TO REDUCE CO2 EMISSION**



Bicycle sharing system is a healthier way of commutation and helps in reducing carbon footprint, air pollution and traffic congestion. By this system we build healthy body for ourselves and contribute to a healthy environment as well. Let us understand the need to reduce carbon emissions and switch to the use of bicycles as much as possible