Water Shortage and Property Investing In Mexico City, Spanish Version



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Mexico CITY

Mexico City is the capital city of Mexico, and the third most overpopulated city in the world, with a population of over 21 million, and welcomes 350'000 new residents each year.





- Mexico City is one of the most important and notable financial centres in the world. It is situated in the Valley of Mexico (Valle de México).
- It is the original location of Tenochtitlan, the largest city of the Aztec Empire.



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TheCaseSolutions.com Water Issue

- Mexico City has been struggling with providing enough water for its expanding population.
- Waste and over use of water has caused Mexico City's water supply to decrease rapidly, as well as the continuing expanding population.



Water Issue: Effects

- Because Mexico City is very high above water level, the city resorts to taking water from it's aquifer. This has made the city sink 27 feet since the late 19th century, and has left parts of the city cracked and crumbling.
- As the aquifer dries out, thousands of people in it's poorest districts are left with little or no water causing a huge feud with many people in Mexico.
- New solutions have been brought up to prevent the issue from ongoing, such as conservation and and recycling water.

Management of the issue

The Isla Urbana (en. Urban Island) is a non-profit organisation founded by innovator Enrique Lomnitz that aims to end the major water crisis in Mexico City. Their solution to managing the city's water issue is installing rain water harvesting systems. Mexico city is rich in precipitation, thus collecting rain water is a very efficient idea. The system works by having rainwater from a roof travel through a pipe and then into a series of filters which ensures that the water that exits is potable.

Do you think the management of the water issue in your case study is sustainable? Why or why not?

The management of the water issue by the Isla Urbana is very sustainable. It is sustainable because it is carefully planned and developed, requires little effort and reduces the amount of water that has to be pumped out of the city's aquifer. It requires little effort because of the already pre-installed filters inside the system, where the collected rainwater travels through and comes out already potable. The rainwater that is collected meets up to 50% of an average household's needs.

"Sustainable water management is difficult but not impossible."

Although it can be extremely difficult to find a solution for a crisis, it is most definitely *not* impossible. As seen from the Isla Urbana, hard work and dedication can lead to a successful outcome. The whole team behind the Isla Urbana was also successful because of their continuous research, hard work and listening to suggestions from Mexican citizens for a better insight.