

Welcome To Masdar City: The Ultimate Experiment In Sustainable Urban Living

Ten years ago in the United Arab Emirates, a new settlement was started from scratch, with the aim of becoming “the world’s most sustainable city”. Masdar City was designed to be zero-carbon and zero-waste, home to a population of 40,000 people, with an additional 50,000 commuters, in an area of six square kilometres. Today, it’s playing a crucial role in the development of sustainable design and technology.

Around the world, access to a reliable and plentiful energy supply is becoming increasingly critical. Urban populations [continue to grow](#) and demand even more energy. At the same time, vital resources such as water are becoming increasingly scarce, and rising levels of CO₂ and a warming global climate are adding to the stress on the Earth’s system.

All of this means that Masdar’s function as a test bed for innovations in fuel efficiency and renewable energy is more important than ever before. As part of [a recent study](#), my colleagues and I took a closer look at the new technology on show in Masdar. Here’s what we found.

Read more: <https://theconversation.com/welcome-to-masdar-city>