

Забруднення повітря
Очищувач повітря
Під загрозою
Громадянин
Побудувати
Будівництво
Конструктивний
Створити
Створення
Пилова буря
Захист навколишнього середовища
Газові вихлопи
Маска для обличчя
Заводський дим
Боротися
Уряд
Забруднюють
Чистий
Очищати
Частина смогу
Підтримка
Підтримуючий
Вежа
Пилосос

Greener and cleaner cities

1 Today, there are around 7.4 billion people living on the planet. The Earth's population, however, is growing at 1.1% each year, which means that by the year 2030 there will be about 8.4 billion people. What's more, most people choose to live in cities because it is easier to find work. Busier and larger cities, however, use a lot of natural resources such as gas and electricity. It also means more vehicles* on the roads and greater use of public transport by people who commute to work.

One key question, then, is this: what can we do to protect the environment and deal with the larger number of people living on the planet?

Experts have realised that the great amount of hot air created by computer data centres, stadiums and supermarkets is wasted. But in Stockholm this 'waste heat' is already used to create hot water which is then pumped around the city into private houses and housing estates. This recycling of energy is saving both money and the resources which generate* heat in the first place.

Another aim of the lighthouse city project is to make people understand how to save on natural resources. Residents in all cities will be able to use apps to monitor how much energy they are using and when is the best time to clean the house, for example, or do the washing. There may even be prizes for the 'greenest' residents. The idea here is that if people can save money and save the environment at the same time, they will probably act more responsibly.

One idea might be the construction of lighthouse* cities. At present, Stockholm, Barcelona and Cologne are part of an experimental project to create cleaner, more energy efficient* cities for people to live in. If the results of these experiments prove successful, the ideas and technology will be transferred to other cities to help the creation of a better, more environmentally friendly Europe.

That's why the lighthouse cities like Stockholm, Cologne and Barcelona, like the lighthouses of the past, are 'showing the way' to a safer future.

population growth