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Introduction

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Cities represent the future of the global way of life. The world's population reached 8 billion people in 2022, more than half of whom live in urban areas. This figure is expected to increase and by 2050 70% of the population will live in cities.

Approximately 1.1 billion people currently live in slums, or in similar conditions in cities, and 2 billion more are expected to occur in the next 30 years.

However, many of these cities are not prepared for this rapid urbanization, and the development of housing, infrastructure and services is overtaken, leading to the growth of slums or similar conditions.

Uncontrolled urban growth, air pollution, and a scarcity of open public spaces persist in cities.

By 2030, it significantly reduces the number of deaths caused by and affected by disasters, including water-related disasters, and significantly reduces direct economic losses caused by disasters compared to global gross domestic product, with particular emphasis on protecting the poor and people in vulnerable situations.

Sustainable development, as it is approached, is unsustainable.

Instead of sustainable development, we should seek sustainable well-being and economic quality of life. And ecologically sustainable.

Goal 11 aims to make cities and human settlements inclusive, safe, resilient and sustainable.

Cities must be built and planned as an integral management of materials and energy.

15,000 million people on this planet cannot live on this planet without restrictions.

There is an initial error of approach, we have divorced ourselves from our environment, from our reality. We have created a bubble for ourselves to live isolated from our environment.

We make intensive use of natural resources and exert excessive pressure on the environment and natural habitats

The average global economic footprint is 2%. Spain has a footprint of 4% and the US of 16%

What could be beneficial for nature as well as for human beings is flexibility of action and thought. Strategies for learning from nature: Encapsulate everything, Harnessing waste, etc. Look for good practice's infrastructure points.

Engineering Education for a Sustainable Future