



A-Core Container

Egypt Zero Carbon Industrial Park New Energy Storage Park



Overview

What is a zero carbon industrial park?

Here the industrial park mainly refers to the kinds of high-technology industrial parks which have the advantages of much less environmental pollution and energy consumption. The detailed definition of zero carbon emission for an industrial park level was shown. The carbon accounting boundary and calculation method was introduced as well. 2.1.

Is Egypt's first eco-sustainable park sustainable?

The Industrial Development Group (IDG) in Egypt announced the launch of the first eco-sustainable park in New Alamein in July 2020, with an area of 2.7sq km. This park follows the SIA (Sustainable Industrial Areas) guidelines that makes it sustainable; uses resources efficiently; and maximizes the shared value created for stakeholders .

Can a new industrial park become an eco industrial park?

The UNIDO in Egypt has started its trial of converting an existing Industrial Park into an Eco Industrial Park, but still no attempts were made to guide a new Industrial Park to become an EIP.

Is Egypt moving towards zero pollution goal?

Egypt is suffering from industrial pollution and moving towards zero pollution goal represents a great challenge. Recently, Egypt is committed to achieving the Sustainable Development Goals (SDGs) by 2030.

Can a guiding framework be applied in Egyptian eco-industrial park?

In order to investigate the proposed guiding framework, a local case study was chosen to be studied as a sample of Egyptian eco-industrial park. In conclusion, the application of the suggested framework helped highlighting the covered and uncovered areas in the sample local case study as a step to build on in the Egyptian context.

What does zero carbon mean?

The restricted definition of zero carbon implies the following meanings : zero fossil fuel combustion for energy, zero biomass combustion for energy, zero biofuels combustion for energy, zero CO₂ emitting manufacturing, and zero deforestation. For industrial park, energy consumption plays an important role on its economic development.

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