

## Evaluation of the environmental impact of industrial zones in new cities. Case Study: 10th of Ramadan City

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### **Abstract:**

The planning of Industrial areas in new cities in Egypt has their special design standards stemming from the needs of the society, its economy and climate characteristics. However, it can effectively take advantage of the experiences of the developed countries in this field; either condition was similar or different to get to the environmental sustainability of these cities.

As the Arab Republic of Egypt suffer from the presence of contemporary gap between local and international standards in the field of environment. Egypt is in dire need for the application of the principles of sustainability in all fields, the most important industry because of its large share in energy consumption.

And to achieve the aim research was exposure to different ways of environmental assessment matrix such as foundations and environmental standards and the African Index City Index dimension to assess the industrial areas in the cities. And then try to gain access to the methodology in the context of the most important determinants affecting the performance of the region as a whole and of energy, water, and transport emissions and air resources and waste.

The research has come to the positives and negatives for the new cities, of the Arab Republic Egypt and put the necessary recommendations to take advantage of the positives and avoid the negatives.

### **Keywords:**

Sustainability; rating; Environmental, Zones, Industrial