



## Mega Projects towards Egyptian Construction Renaissance

Ibrahim Mahlab

*Former Assistant to President of Egypt for National Projects and Former Prime Minister of Egypt*

Fathy Saad

*Professor of Concrete Structures, Ain Shams University, Cairo, Egypt*

**Contact:** dr.f.saad@gmail.com

### Abstract

Egypt has been one of the countries in the Middle East that decided to go on its difficult way to develop its infrastructure that serves nearly 100 Million people. That important political decision has been made four years ago to start up several mega projects including road and railway projects, cities like the new administrative capital and the 2x2 major tunnels under Suez Canal. The present document introduces major mega projects running nowadays and are planned to be finished by the end of this year as well as the beginning of the next year.

**Keywords:** Megaprojects, Egypt, museum, roads.

### 1 Running mega projects in Egypt

Roads, tunnels and bridges are vital for a flourishing national economy and there is a growing need for more modern and efficient freight transportation infrastructures in Egypt, including ports, railways and most importantly a strong road network. In this context, Egypt has recently started a promising governmental program towards improving its infrastructures in many disciplines. There are 7500km new Roadways including Bridges and Tunnels under construction nowadays, including construction of 4 Roadway tunnels under Suez Canal. The Suez Canal Corridor Area Project is a mega project in Egypt that was launched on 5 August 2014, whose aim is to increase the role of the Suez Canal region in international trading and to develop the three canal cities: Suez, Ismailia, and Port Said. The construction of several electrical power station plants (Bani Swaif-Borols- new capital) are running three years ago, which would add to the Egyptian Power Network about 14400 Megawatt. Meanwhile some of them are already open in July 2018. A mega Housing Projects of 1.0 Million units are

carried out, about 650000 units is already finished. Further, the new administrative capital of Egypt is under developing/construction, which 65km to the east from Cairo; it will be built over 700 sq km and house about five million residents. This paper is presenting three running mega projects in Egypt focusing on the following:

- **Grand Egyptian Museum**, which is located 2km near the Pyramids Giza Plateau; built on the 120 hectares, is planned to open in January 2019;
- **Rod El Farg Corridor Roadway**, which will connect the eastern part of Cairo starting from Shubra with the Alexandria Desert Highway as well as the Highway to El Dabaa in Western North Coast of Egypt. It will provide an excellent alternative route to the heavily congested roads, and resolves a lot of heavy traffic in Cairo;
- **4 Roadway Tunnels under Suez Canal**, 4 new roadway tunnels under Suez Canal, two in Port Said and two in Ismailia as well as an industrial zone