



New towers in Casablanca

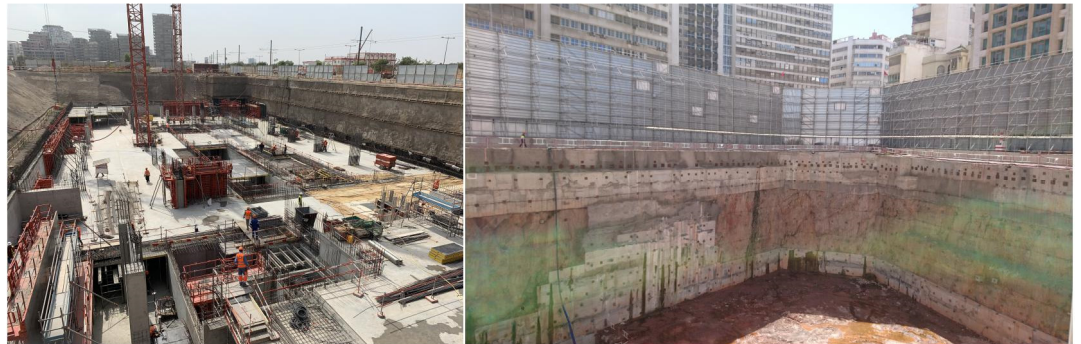
Various geotechnical services

2017 – On-going



**MOROCCO -
Casablanca**
Several clients

Partner
SETEC MAROC



The Project

For a number of years now, TERRASOL has been largely involved alongside SETEC MOROCCO in the geotechnical design and works follow-up of several projects of towers and high-rise buildings in Casablanca: CFC Tower, BCP Tower, Attijari Tower, RMC project.

These assignments concern the different successive construction stages of the towers.

Our Services

We have been called on notably in the context of the excavations and preliminary earthworks in sensitive urban environments: it is necessary to design / study reinforcement techniques that are appropriate considering the rocky nature of the ground (rock fracturing, presence of water, etc.).

Our missions also include the design of the foundation system for these towers in terms of bearing capacity and stiffness, taking into account the soil-structure interaction for combinations of static and seismic actions, as well as different aspects regarding drainage and sanitation.

Also, by monitoring the execution of these different projects we learn valuable lessons regarding the real behaviour of the structures. The experience thus accumulated by TERRASOL and SETEC MOROCCO on these different projects should allow to propose in the future construction methods with optimized costs while guaranteeing optimal reliability and robustness.

Key features

- Design of excavations, earthworks and reinforcement techniques
- Design of the foundation system of these towers in terms of bearing capacity and stiffness (soil-structure interaction in static and seismic conditions)
- Study of drainage systems