



Nachtigal, at the heart of Cameroon's sustainable development

**Start of geotechnical surveys
on the 225,000 volt Nachtigal-Yaoundé power line corridor**

**A new electric transmission line
between Nachtigal and Nyom II.**

The Nachtigal Project also includes the construction of an electricity transmission line that will supply energy produced by the hydroelectric power plant to a transformer station located in the outskirts of Yaoundé.

Constructed by NHPC, this line will be transferred as soon as it is commissioned to SONATREL in its capacity as transmission system operator.

**Geotechnical surveys to ensure subsoil
stability.**

In order to prepare for the start of construction works on the line by the end of 2019, field studies conducted by Bouygues Energies & Services have begun on 9 April 2019.

These detailed studies consist in carrying out geotechnical surveys to better understand the nature of the foundations of the most representative future pylons. The quality of the subsoil is tested by trials carried out on the site itself, as well as by laboratory trials carried out on sampled materials.

The excavations go as far deep as 10 meters.



Bouygues Energie & Services and Africa Geoproject teams on a drilling site

The company in charge of the construction of the power transmission line is



accompanied by its subcontractors.

The main figures to know about this project:

- Length: 50.3 km
- Total number of pylons: 122
- Average height of the pylons: 30 m
- Width of the line corridor: 2x25 m

Informed local and traditional authorities.

The meetings held on 8 and 9 April 2019 with the traditional authorities of Nyom 2, Nkomndamba, Nkometou 2, Nkolnguem 2, Nkolobili, Mekas, Minkama, Elomzok, Elon, Ballong 1 and Ndjé made it possible for NHPC and its partners not only to present these preliminary works which will continue through June 2019 but also to give an outlook of the next steps in constructing the line, scheduled to go operational in early 2022.