

ENVIRONMENTAL IMPACT ASSESSMENT

PROPOSED CELLULAR BASE STATION

AT REDUIT TRIANGLE



SUBMITTED BY



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Abstract

EMTEL Ltd. became the First Mobile Telephony Operator in the whole Southern Hemisphere in 1989. This major step in Mauritian Telecommunications History was the fruit of the collaboration of two pioneering groups – The Currimjee Jeewanjee Group, one of the foremost groups in Mauritius, and Millicom International Cellular (MIC) S.A., based in Luxembourg. During these 24 years, Emtel has managed to sustain this innovation drive and still today, the Emtel brand itself is the synonym of technology, innovation and high quality.

Today, Emtel is not only providing Mobile Services but is also offering Fixed Access Services to its clients. In order to allow connection to its network, Emtel must put up Base Stations which relay the signal to and from customer devices in the vicinity of that Base Station. Without base stations, there can be no telecommunication network.

This project termed as “E-Site Project”, consists of the erection of an eco-friendly cellular Base Station of 27m high at the Réduit triangle. The electricity of the E-Site proposed by Emtel Ltd., unlike the traditional cellular base station with conventional power from the CEB grid, will be generated from a combination of solar and wind turbine systems which will be in line with the concept of “*Maurice Ile Durable*”. Emtel Ltd. has not been indifferent to the current environmental problems and has shown its dedication to contribute in finding solutions to these challenges by proposing the **First** Base Station which will generate its own power requirements in Mauritius. The E-site will put more emphasis on the necessity to saving energy from traditional sources (fossil fuel) while harnessing its own Green renewable energies.

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