

# Globe Tower

Taguig, Philippines

# An award-winning eco-friendly construction

## Climbing monorail for inclined facades.

Architecture: Aidea

Globe Telecom's Headquarters is an award-winning structure due to its sustainable and environment-friendly construction practices as well as its technologically advanced features. The building was awarded the Best Commercial Architectural Design and Best Commercial Development during the 2014 Southeast Asia Property Awards.

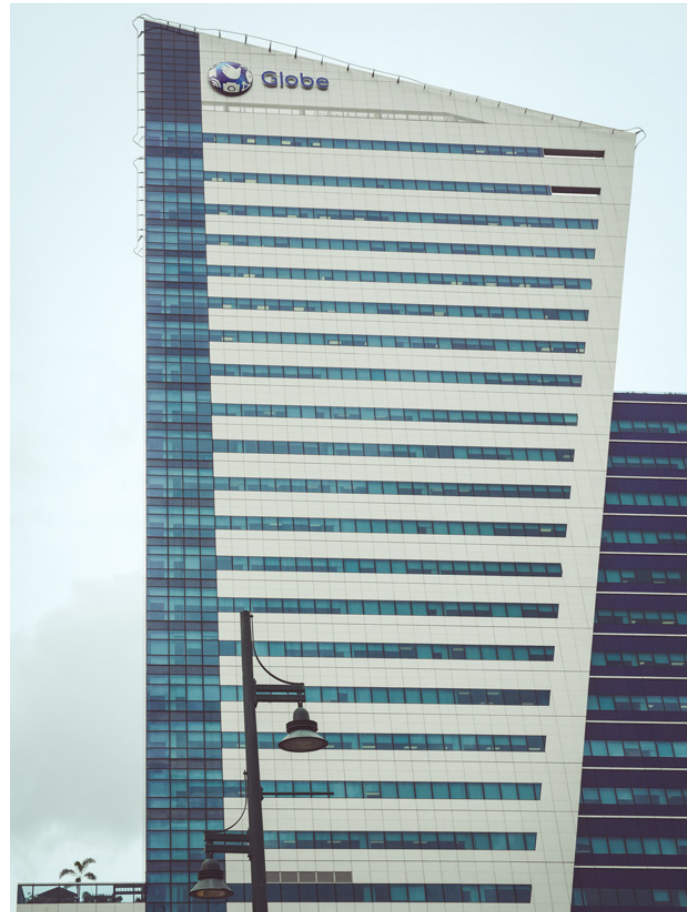
LEED Gold Certification is in the works for the Globe Headquarters building. Builders and designers are confident that the sustainability and cost-efficient features of the building are more than enough to make the certification happen.

### Scope

Cleaning and maintenance of tower's facade, which has an inclined top edge and lower public terraces.

### Strategy

In cooperation with the architect's firm and our local partner in Philippines M/s Vonotec Inc., the concept of a climbing monorail in conjunction with powered cradles and special facade guide systems has been developed. To cope with the highest safety standards, an active climbing system with SafeAccess monorails and incorporated chain drive system has been installed.



Globe Tower in Bonifacio Global City

For the lower terraces, a lightweight aluminium Davit system with modular powered cradles were installed. The inward recessed facades were covered by a SecuRail aluminium rail which was incorporated in the joints of the facade elements.

Safe access equipment type SafeAccess  
Approximately 300m of climbing monorail with chain drive and motorised trolleys

Ladders type SafeLadder  
Solution to reach the BMU system

Davit system  
Made in Aluminium

FBA PC Powered cradles sets  
For SafeAccess monorail and Davit system

Restraint system type SecuRail  
A facade guide system



Portable Davit system for the suspension of powered cradles



Climbing SafeAccess rail with cradle suspended.



SecuRail as restraint system for the cradle.



Cradle to courtyard maintenance.



Bespoke Climbing SafeAccess rail with special supports.



6 meter cradle to be suspended from Davit system.