

# Bus fleet electrification with state of the art EV depot & reduced vehicle TCO

Transmilenio engaged VGMobility to replace part of their aging diesel bus fleet but faced large challenges in terms of capex requirements, power availability and operational risk.



## About Transmilenio

Public transport authority operating in Bogota with 10,000 public buses.

2019 public tender to partner with private sector for electrifying part of the system.

15 year contract with VGM to deliver fully electric 12 and 9 meter buses, infrastructure.

15 year contract with public transport operator to use the buses & infrastructure.

**We worked in partnership with bus and charger manufacturers, bus operators and local authorities to design and deliver the end-to-end solution to meet their GHG emission reduction goals.**



End to end **project management** from site design through to operation



Electrification of three depots with **ground up design & build** of one EV depot



Supply of **406 electric buses and 21 superchargers** of 360kW



**Depot maintenance and assets management**



**Fully financed** over 15 years allowing Transmilenio to rapidly electrify without heavy capex burden