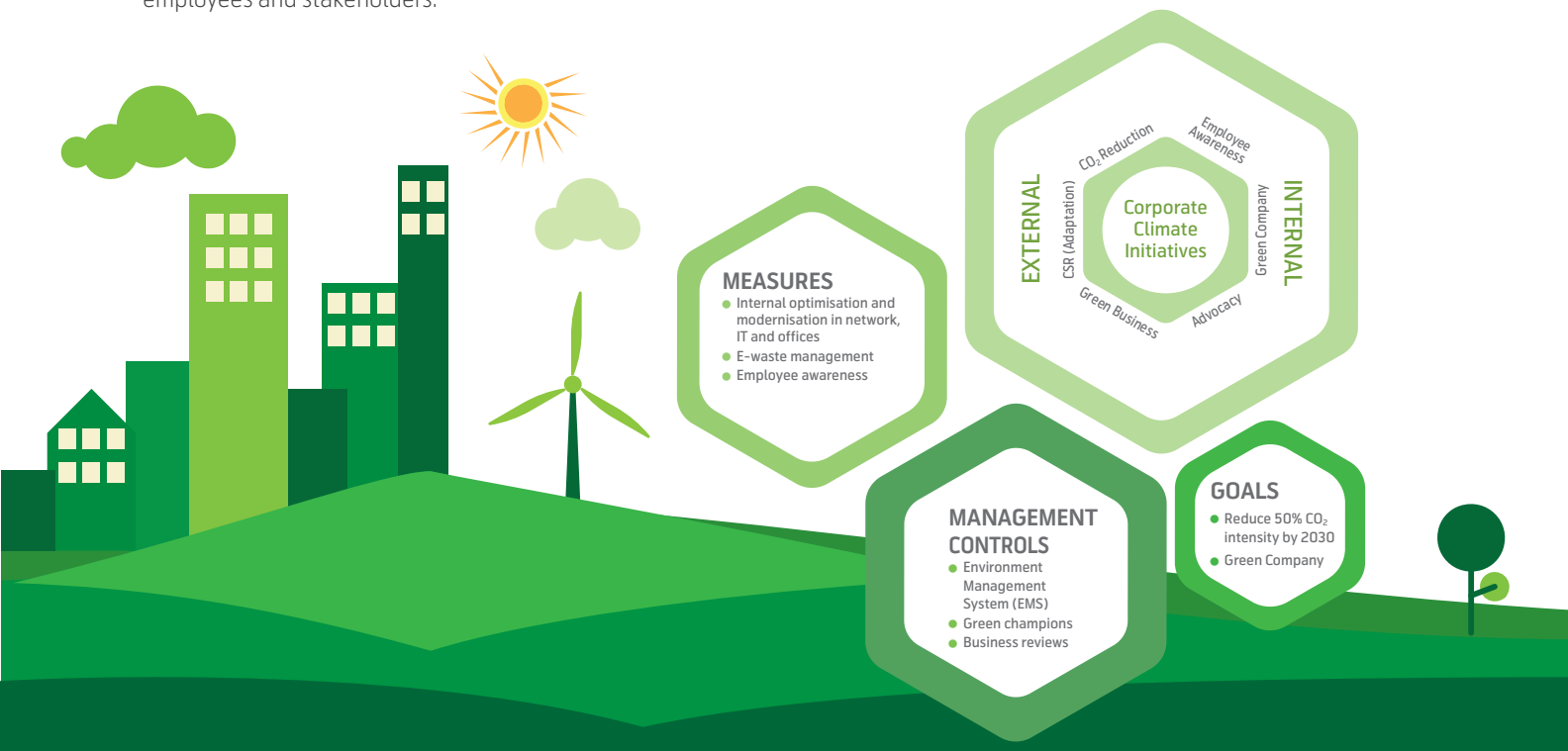


Grameenphone

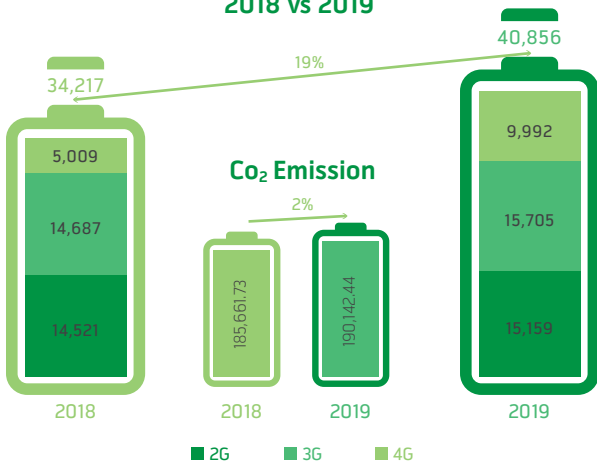
Moving Towards Low Carbon Footprint

Our climate is changing very fast and affecting the earth adversely with its consequences. As a responsible business entity, Grameenphone is highly focused on the continuous deployment of enhanced sustainable solutions for energy efficient and environment friendly networks. Grameenphone's first priority is to reduce the CO₂ emissions generated by our operations by improving system efficiency and reducing overall energy consumption. Grameenphone aims to optimise energy consumption by reducing the dependency on diesel generators and increasing the use of solar energy, and reducing operational travel time. Grameenphone actively works on limiting the use of valuable resources by creating greater environmental awareness among employees and stakeholders.

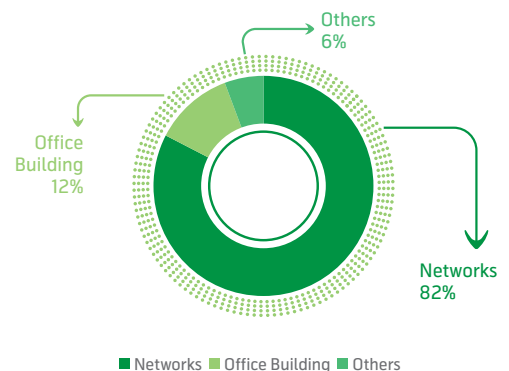


As a part of our journey towards decarbonisation, Grameenphone has also initiated several green initiatives to reduce its carbon footprint individually and collectively. In the year 2019, Grameenphone took the following major climate change initiatives:

Network Growth Vs CO₂ Emission 2018 vs 2019



Area-wise energy consumption in 2019





Green Initiatives

Hybrid BTS

In 2019, Grameenphone converted 102 Generator+Solar to Commercial Power+Solar Hybrid Sites. These hybrid sites will provide additional savings of 500,000 litres of fuel which is around 240 Tons of CO₂ reduction per year.

E-waste Recycling

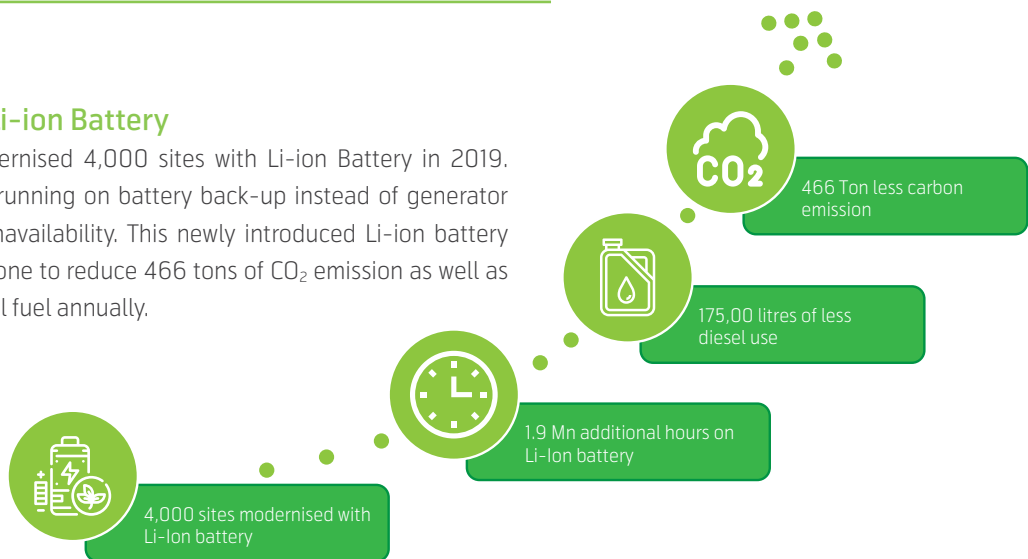
As of 31 December, 2019, more than 27 tons of e-waste (GSM and microwave antennas and other electronic accessories) has been recycled through our recycle partner. The recycling is completed in Bangladesh and abroad in accordance to ISO 14000, OSHAS 18000, and R2 standards.

Battery Reuse & Recycling

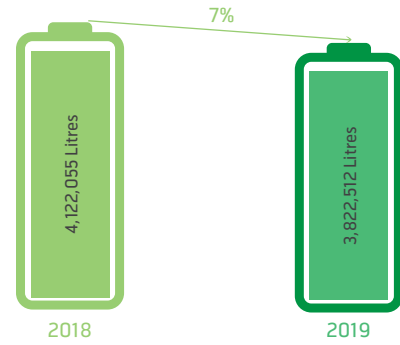
Recycling and reuse of 100% used lead acid batteries has been set as our internal KPI. In 2019, Grameenphone recycled more than 56,000 nos. of old batteries.

Deployment of Li-ion Battery

Grameenphone modernised 4,000 sites with Li-ion Battery in 2019. Now these sites are running on battery back-up instead of generator power during grid unavailability. This newly introduced Li-ion battery will help Grameenphone to reduce 466 tons of CO₂ emission as well as 175,000 litres of fossil fuel annually.



Total Diesel Consumption in Network



As a continuous effort towards a low carbon footprint, the Company adopted an Environment Management System (EMS) in 2010. The singular objective of this task was to regularly assess and find ways to minimise our operations' impact on the environment. It is an ongoing programme that focuses on five areas- reduction of carbon emission, creation of employee awareness, adoption of green practices, creation of a green momentum in society and provision of green services to our customers.

