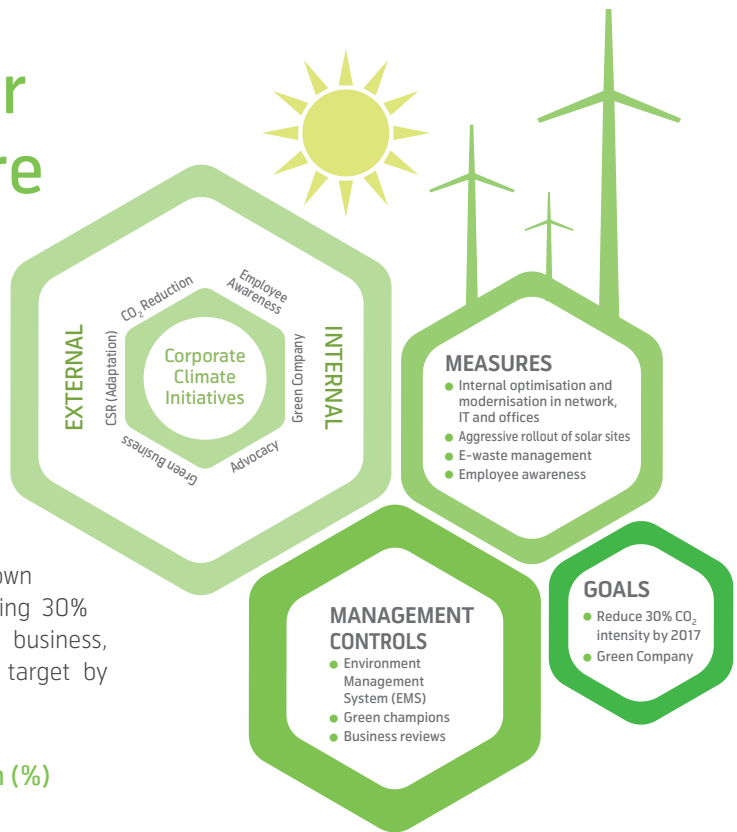
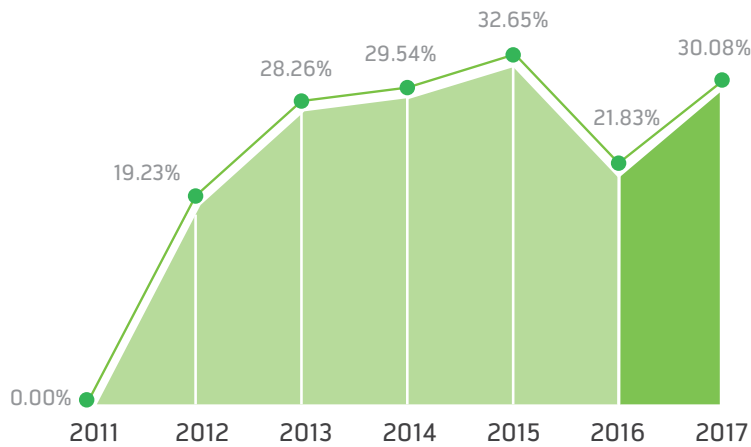


Climate Change Endorsing Green for a Sustainable Future

Grameenphone continuously strives to reduce the carbon footprint of its operations to safeguard the environment and fight climate change. Grameenphone is not only reducing carbon emissions but also actively working to create a sustainable green momentum in the community by engaging employees and customers to adopt green practices. The Company has an environmental roadmap which aims to promote a low-carbon society, and the first priority is to take responsibility for the CO₂ emission generated by its own operations. Grameenphone has set a target of reducing 30% carbon emission intensity (CO₂) within 2017 from the business, considering 2011 as the baseline, and achieved the target by reducing 30.08% CO₂ intensity in 2017.



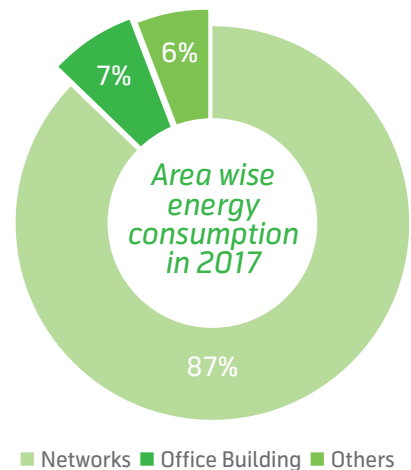
Year wise CO₂ Intensity Reduction (%)



Total Energy Consumption



Grameenphone has deployed solar power in around 10% of its BTS throughout the country and launched a “Mobile Handset Recycling” campaign in 2017. This initiative to recycle handsets has added a new dimension to environmental conservation in Bangladesh. Grameenphone’s effort and initiatives around green business has been recognized through a nomination to the highly prestigious global GSMA Green Mobile Awards 2017.



As a continuation of this environmental roadmap, in the year 2017, Grameenphone took the below major initiatives:

Green Initiatives

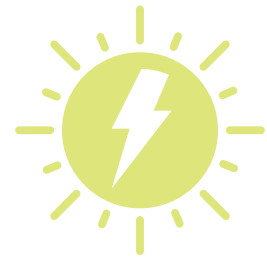
Mobile Handset Recycling

In 2017, Grameenphone has launched a 'Mobile Handset Recycling' campaign. Through this campaign, Grameenphone urged interested patrons to deposit their unused/discarded mobile handset in a drop box located at their nearest Grameenphone Centre. Grameenphone recycled these unused or discarded handsets, to ensure that all recyclable materials and any potentially harmful substances inside the device were processed properly. All GPC's around the country and Grameenphone Circle offices receives handsets for recycling around the year. This initiative to recycle handset has added a new dimension to the environment conservation in Bangladesh. As of 31 December 2017, Grameenphone has received more than 860 discarded mobile handset for recycling.



Hybrid BTS

In 2017, Grameenphone has converted 100 Generator+Solar to Commercial Power+Solar Hybrid Sites. The newly introduced hybrid sites will provide additional savings of 400,000 liters of fuel which is around 540 tons of CO₂ reduction per year.



Electricity Generated From Solar Sites



Solar Powered BTS

As of 2017, solar has been deployed in 1,200 sites in electricity constrained zones which are producing 6.11 GWh solar powered electricity annually. These solar sites save approx. 2 million liters of fuel, which is a yearly reduction of over 5,300 tons of CO₂.

E-waste Recycling

As of 31 December 2017, more than 76.5 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 Recycling

Recycling of used lead acid batteries has been set as our internal KPI. So far, we have recycled 32,726 old batteries in 2017.

