Commitment to our Planet and Society

Axiata Sustainability & National Contribution Report 2017



Reducing our Carbon Emissions

edotco Group spearheads our efforts to reduce the Group's carbon footprint. The Group has committed to a carbon reduction of 40% by the end of 2018 against a baseline of 2013. Our efforts towards this commitment will be quantified, reviewed and reported at the end of 2018 before setting a new goal in line with industry peers.

Since 2016, the Group has conducted carbon life-cycle assessment of its towers and explored different options to reduce carbon emissions. We have explored site optimisation by

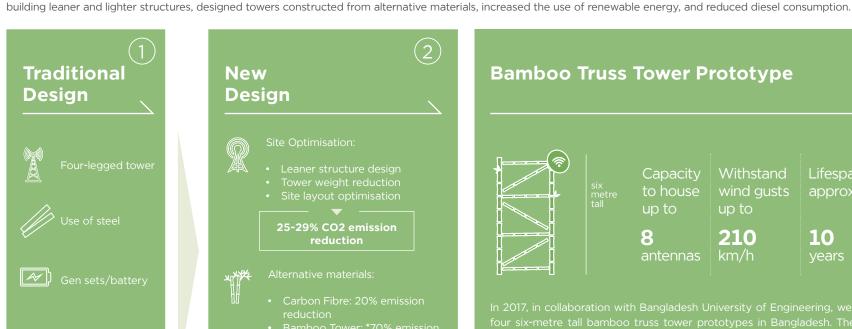
Environment Management

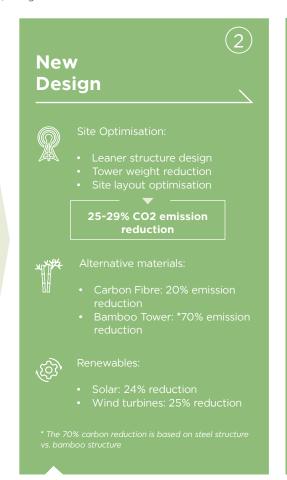


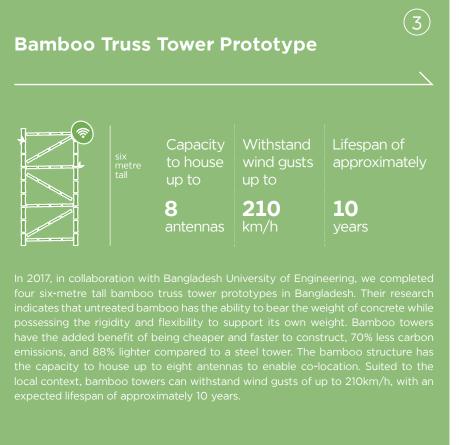
Disaster Management & Response



Corporate Responsibility







Commitment to our Planet and Society





Reducing our Carbon Emissions

Digitalising Operations



Management





Almost 90% of our sites are ECHORISED



> 8,600 sites with smart lock

> 9,400 sites with OSS feed



Remotely measures, analyses and optimises



Energy load



Battery performance



Diesel generator performance



Site performance



Security monitoring

ECHO Centre at edotco Group

ECHO, our centralised monitoring system which ensures efficiency of passive infrastructure



Disaster Management &

Response



Reducing Reliance on Fossil Fuel

Installed an additional







renewable energy and alternative material sites

Over

Deployed lithium ion batteries at poor grid and off-grid sites



to completely or partially switch off air-conditioners at indoor sites

Axiata Group's Energy and Carbon Performance 2017

In 2017, our GHG emission was over 6 million tonnes CO2e. Our largest emission is from our Indonesian operations which accounts for over 90% of total emissions. We have seen a significant increase in our annual emissions due to expansion of our network and increase in data traffic through our servers. In 2018, we will review our GHG accounting disclosure that are aligned to industry's best practices.





766.291 GJ



Scope 1 - GHG from fuel

53,852 tonnes CO2e



Indirect energy consumption

27.169.204 GJ



Scope 2 - GHG from grid

6,079,552 tonnes CO2e

Commitment to our Planet and Society

Axiata Sustainability & National Contribution Report 2017



Developing Effective Disaster Management and Response

Mobile networks are a vital lifeline during times of disasters and emergencies. Our network connects displaced communities, reconnect families, and provide vital situational updates for government agencies and non-government organisations.

We are signatory to the GSMA Humanitarian Connectivity Charter. The Charter aims to strengthen access to communication and information for people affected by disasters in order

Environment Management

Disaster Management & Response



Corporate Responsibility

Disaster Response Readiness BCM Policy & IT & Network **Business Continuity Management (BCM)** policy and plan in all OpCos

Early Warning System



Ncell and Dialog sent over 8 million early warning SMS to warn of impending floods in 2017

to reduce the loss of life and positively contribute to humanitarian response. We are committed to supporting the three principles of the Charter where we operate.



Over **1.000** weather alerts and updates on Dialog's Disaster Early Warning System



Over 16.6 million free SMS sent by Ncell customers post-disaster



Ncell activated the 9008 emergency contact number to support customers by relaying messages to their loved ones during the disaster



Ncell increased the credit limit and opened free balance transfer for 'Saapati' customers to support emergency communications during disaster



Disaster Relief Partnerships



RM300,000

over three years. Axiata Group's sponsorship of Mercy Malaysia's humanitarian missions to countries where we have a presence



Launched relief and medical missions to Bangladesh and Sri Lanka post Cyclone Mona



edotco Group's humanitarian mission

Installed **69** hand-water pumps which supplied water to over

3.000 individuals living in Jamalpur and Nilphamari districts in Bangladesh



Dialog matched donations by customers to the Seneha Siyapatha Fund. The

LKR 57.5 million collected was channeled towards construction of



Partnering for Sustainable Development



Environment Management



Disaster Management & Response



Corporate Responsibility

With our significant presence in ASEAN and South Asia, we recognise the responsibility we have to support local communities above and beyond our core services. In each of our operations, we support many causes and needs based on the national context. Our support drives a broader mission of being a partner to Advancing Asia to meet the United Nation Sustainable Development Goals. Below are highlights of some of our projects with partners.

edotco Group's "Tower to Community"



"Tower to Community" is edotco Group's commitment to improving the lives of communities living near our towers. In 2016, a pilot project was launched in Bangladesh to provide electricity to communities living near five of our towers.

Supplied electricity from

15

tower sites to local communities

Impacted

water purification pumps installed for families

families

mosques

schools

1,000

Commitment &

families by 2018

Ncell's partnership with Gham Power Nepal Pvt. Ltd

In 2016. Ncell undertook the anchor load of solar power generated by three microgrids of Gham Power to power two base stations in two rural villages of Okhaldhunga and Khotang districts. Excess power from the micro-grids has been used for electrification of rural communities, creating new economic opportunities and social benefits for the people.

Impact of Project Reported by GSMA

44% increase in smartphone ownership

32% increase in mobile internet usage

32% increase in refrigerator ownership by small restaurants, leading to direct and indirect economic benefits

Dialog's Merit Scholarship provides monthly bursaries to top-performing students in the General Certificate of Education Ordinary Level and Advanced Level

Examinations, from all 25 districts

The annual SmartEdu Scholarship awards Cambodia's 20 most talented

students with a bursary of USD 15,000 per scholar to cover university and living allowances. Ten scholarships are awarded to students studying ICT. Since 2014, the Ncell Scholarship and the Ncell Excellence Awards recognise

16 top students studying Electronics, Electrical and Computer Engineering.

Each scholarship awarded carries a purse of NPR 100,000.

Dialog's Dengue Reporting App



Dialog partnered with Veta (Pvt) Ltd to launch an app in response to Sri Lanka's worst dengue outbreak. The app provides real-time information for authorities and communities to mitigate and manage the spread of the dengue virus. Customers can use the app to report dengue breeding

sites, suspected cases, or to confirm a case. There are over **12.000** registered users across Sri Lanka contributing to the platform.