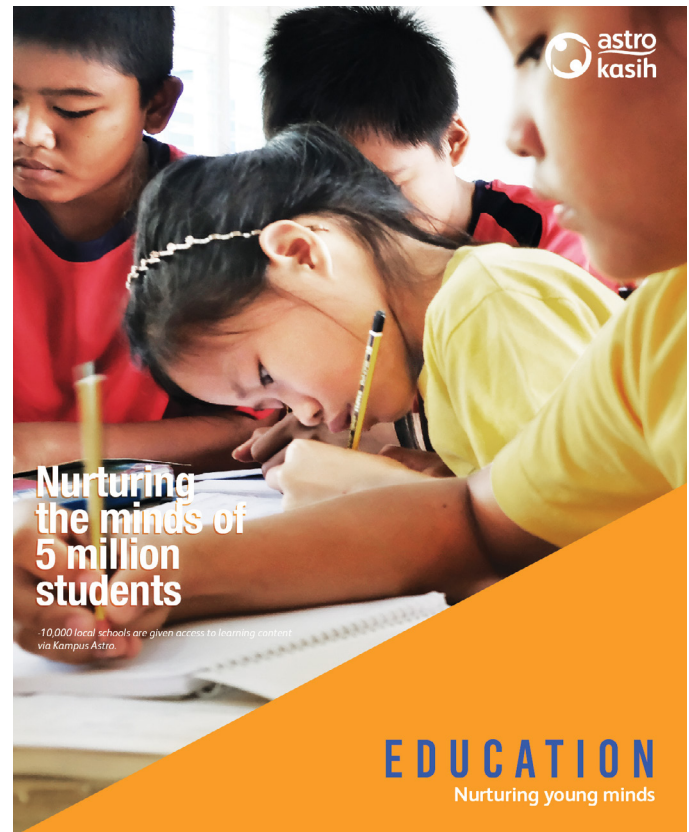




Engaging and empowering the  
community via sustainable initiatives

## Community



*Astro Kasih continues to create positive social change through its community empowerment programmes*

“**Our Corporate Social Responsibility is guided by the UN SDGs and our key pillars of lifelong learning, community development, sports and environment**”

### MAKING A DIFFERENCE IN OUR COMMUNITY

Astro continues to be a strong advocate for the betterment of our local community, identifying ways to drive holistic and sustainable positive impact guided by the UN SDGs and our key pillars of lifelong learning, community development, sports and environment. Our reach to 5.7 million homes nationwide places us in a unique position to enrich and inspire the local community through our Group, including our Foundation, Yayasan Astro Kasih.

### LIFELONG LEARNING

Since 2008, Astro has consistently championed education among Malaysians, investing in educational content for the

benefit of students across the nation. Through our long-term strategic collaboration with the Ministry of Education (KPM), we provide educational support through our Kampus Astro programme that is available in over 10,500 schools, teachers' activity centres and state education offices nationwide. Kampus Astro supplements educational needs by providing 17 complimentary learning channels to students, especially benefitting students residing in remote areas with limited access to learning materials. Kampus Astro also supports 76 paediatric and oncology wards, Schools in Hospitals and military hospitals, helping ailing students cushion their learning gap as they recover.

## Community



*Happy faces of children in new spectacles after having their eyesight tested*

“We empower students residing in the remote interiors of East Malaysia by providing hostels to save time on their daily commute to schools”

### COMMUNITY DEVELOPMENT

We empower and support students residing in the remote interiors of East Malaysia by providing hostel facilities within SK Magandai and SK Malinsau in Sabah and SK Sungai Paku in Sarawak. This saves them precious time on their daily school commute that can take up to days in bad weather, enabling them to focus on their studies instead. The estimated travelling time saved by students across all three hostels amounted to over 150,000 hours in 2019. Additionally, we organised exam revision workshops led by a team of qualified teachers to prepare all Standard Six students from these three schools for their UPSR examinations. This yielded positive results with students from all three schools achieving a 100% passing rate in Science in 2019. Overall passing rate for SK Magandai increased by 13% while SK Malinsau and SK Sg Paku were down by 22% and 10% respectively. We are working with the teachers and parents at these three schools to improve students' performance.

In FY20, we collaborated with the Association of Malaysian Optometrists to conduct free eye screenings for all students in these three schools. Students requiring vision assistance were provided with new spectacles, improving their quality of life. We also held donation drives to collect essential learning materials such as books, stationery and educational tools to equip schools with supplementary resources, aiding students in their learning.

### SPORTS

Leveraging the power of sports as a unifying force in our community, we organised Astro Kem Badminton and continue to work closely with our partners – the Ministry of Education (KPM), the Ministry of Youth and Sports (KBS), the Badminton Association of Malaysia and the Nippon Badminton Association of Japan – to discover young athletes, uplift the standards and cultivate the love for badminton in this country.

Since the inception of Kem Badminton in 2012, over 16,000 boys and girls have participated in the grassroots development programme, and 210 badminton players have benefitted from advanced training in Japan. We are proud that around 70% of the students currently in the Malaysia junior national badminton team are Kem Badminton alumni, with the potential to bring glory to Malaysia on the international stage. Astro Kem Badminton won Gold in the Malaysian Public Relations 2019 Awards for efforts in helping raise the standards of badminton in the country.

Kem Badminton was held in six locations across Malaysia in 2019, attracting more than 2,000 participants ranging in age from 10 to 12. Under the tutelage of professionals and qualified coaches, 30 outstanding young badminton talents were selected to undergo a 10-day intensive training programme. This was conducted under the supervision of the Japan National Junior Team coaches at the National Training Centre of Japan, an initiative made possible by our extended partnership with the Nippon Badminton Association of Japan.

For the second year running, we hosted the national Astro Junior Championships, an Under 15 (U-15) mixed-team badminton competition, for players aged between 13 and 15. With support from the Badminton Association of Malaysia, the Championships provide players with experience and exposure to competitive tournaments. The event was a success, with the national-level Championship attracting 320 Malaysian competitors.



*Astro Kem Badminton participants are trained by Malaysia's national coaches*



### Amplifying positivity

Leveraging our multiplatform reach across TV, radio and digital, we inspire Malaysians to consciously care for the community and environment through the dissemination of vital information to educate and raise civic awareness. In FY20, we broadcast over 8,500 hours of community service announcements across our TV, radio and digital brands, covering themes from national unity, health and safety, environmental conservation, public cleanliness, to anti-bribery messages.



## Environment



*Astro adopts green practices as an environmentally responsible enterprise*

### A GREENER ASTRO

We operate our business in a responsible manner and invest in sustainable green initiatives. Through ongoing efforts, we have consistently reduced our carbon footprint, water and electricity consumption.

Since 2016, we have commissioned third party vendors to assess and track our annual carbon footprint across the operations of our six main operating premises located in the Klang Valley.

### Our six main operating premises:

All Asia Broadcast Centre (AABC), Bukit Jalil

MEASAT Teleport and Broadcast Centre (MTBC) and Astro Cyberjaya Broadcast Centre (ACBC), Cyberjaya

Bangsar South Contact Centre (BSCC), Kuala Lumpur

Wisma Ali Bawal (WAB), Petaling Jaya

Bursa Malaysia, Kuala Lumpur

Menara ICON, Kuala Lumpur

Completed in March 2020, our latest carbon footprint assessment measures our total greenhouse gas (“GHG”) emissions under the following scopes as defined in the GHG Protocol:

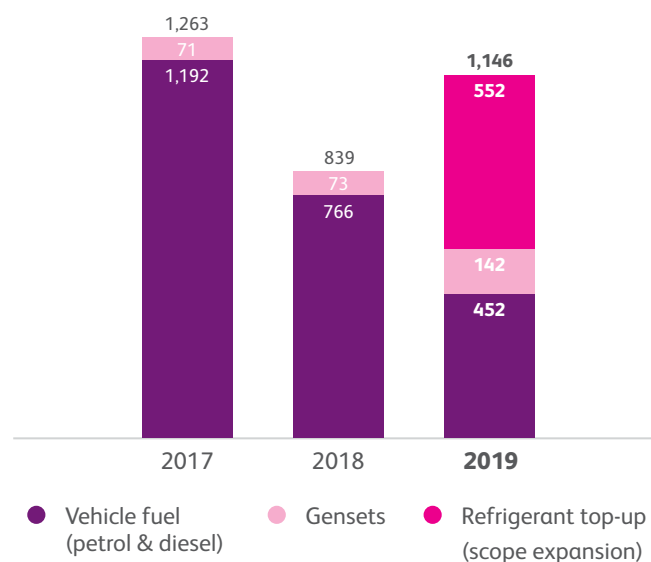
Scope	Description	GHG Emissions (tCO <sub>2</sub> e)			
		2017	2018	2019	Total by Scope
1	Direct GHG emissions from sources that are owned or controlled by the reporting company.  Example: Electricity generators, fuel for company-owned vehicles and cooling refrigerant	1,263	839	1,146	3,248
2	Indirect emissions associated with the generation of imported/purchased electricity and chilled water.  Example: Purchased electricity and chilled water	24,586	23,609	19,738	67,933
3	Other direct GHG emissions from transport means that are not company-owned.  Example: Staffs business travels and third-party installers travels	8,202	6,946	4,824	19,972
<b>Total GHG emissions<sup>(1)</sup></b>		<b>34,051</b>	<b>31,394</b>	<b>25,708</b>	<b>91,153</b>

<sup>(1)</sup> Based on the latest MGTC 2017 emission factor of 0.585. Integrated Annual Report 2019 GHG computation are based on 2014's emission factor of 0.694. Comparables have been restated accordingly.

As part of our push towards a greener future, we expanded our GHG assessment scope this year to include the purchase of district cooling chilled water as well as cooling system refrigerant usage. We adopted the latest available Malaysian Green Technology and Climate Change Centre (MGTC) 2017 emission factor of 0.585 for electricity grid of Peninsular Malaysia in line with the national carbon accounting procedure for GHG emission calculation.

Incorporating these retrospectively across Scope 1, 2 and 3, we saw Scope 1 emissions increase by 37% due to refrigerant usage arising from a one-off maintenance and repair of our cooling units in AABC, ACBC and WAB premises. 48% of the total emissions or 552 tCO<sub>2</sub>e in 2019 was attributable to the expansion of our scope to include refrigerant usage. Excluding this, Scope 1 emissions would have recorded a significant reduction of 29%.

#### SCOPE 1 DIRECT GHG EMISSIONS (tCO<sub>2</sub>e)



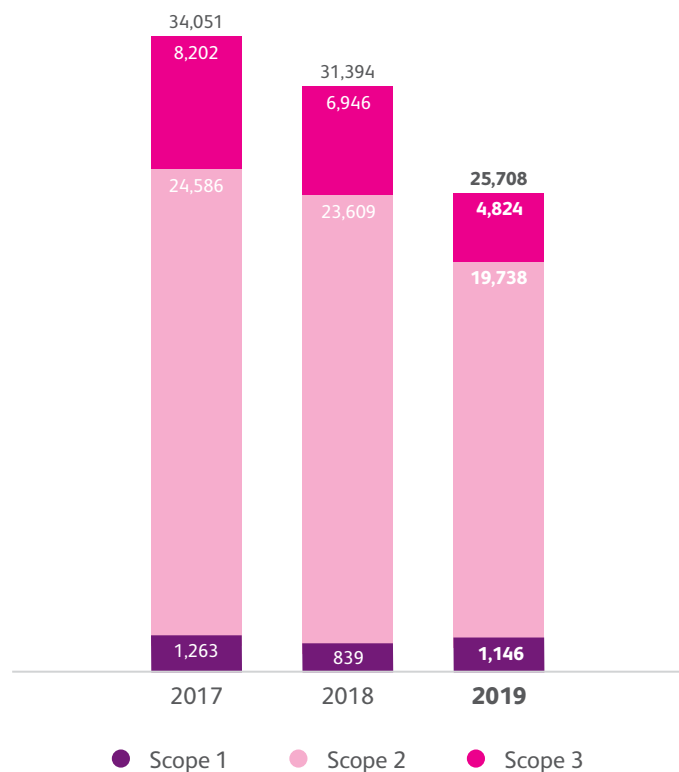
## Environment

Scope 2 emissions recorded a reduction of 16% year-on-year due to optimum usage of our solar panel systems, reducing our need for purchased energy. We streamlined operations by relocating from MTBC to ACBC, leading to a reduction of Scope 2 emissions.

Meanwhile, Scope 3 emissions reduced by a significant 31% primarily due to the streamlining of our travel policy for employees while leveraging technology to engage overseas stakeholders through digital means and the reduction of third-party installer travels through an efficient online job assignment system.

Overall, we are delighted that our conscious operational practices and initiatives have enabled us to achieve a significant GHG emissions reduction of 18% to 25,708 tCO<sub>2</sub>e. GHG intensity for 2019 has also decreased by 8.9% to 5.2 tCO<sub>2</sub>e per RM million of revenue.

### OVERALL GHG EMISSIONS (tCO<sub>2</sub>e)

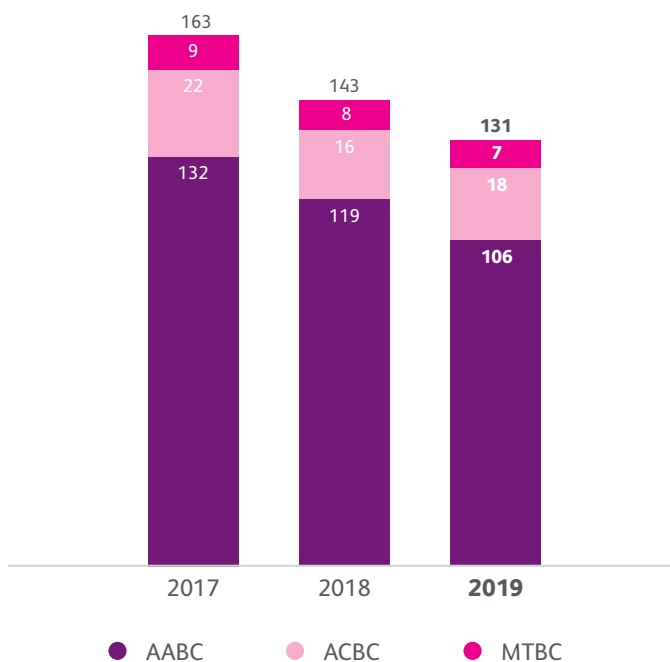


### WATER CONSUMPTION

We manage and consume our water resources responsibly. At key sites such as AABC and ACBC, we continue to apply environmentally friendly practices based on the 3R principles – Reduce, Reuse and Recycle. Our new building at AABC comes equipped with an inbuilt rainwater harvesting system capable of storing 13,500 litres of water that is utilised for daily cleaning and maintenance of landscape around the facility. We also expanded the use of efficient motion-sensor water taps and toilet flushing systems to our new building to reduce water wastage.

With the addition of our new four-storey building at AABC, the overall water consumption has recorded a year-on-year drop of 8%, reflecting our conscious effort towards reducing our water consumption across the Group. The following analysis focuses on AABC, ACBC and MTBC as we are able to track and control water utilisation in these buildings, whereas our other operating premises are rented spaces located in buildings with common amenities.

### WATER CONSUMPTION TREND ('000 m<sup>3</sup>)

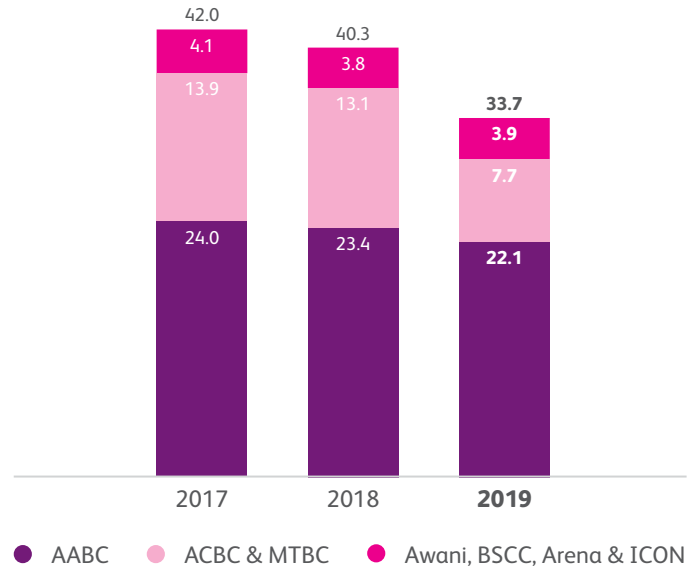


### ELECTRICITY AND ENERGY CONSUMPTION

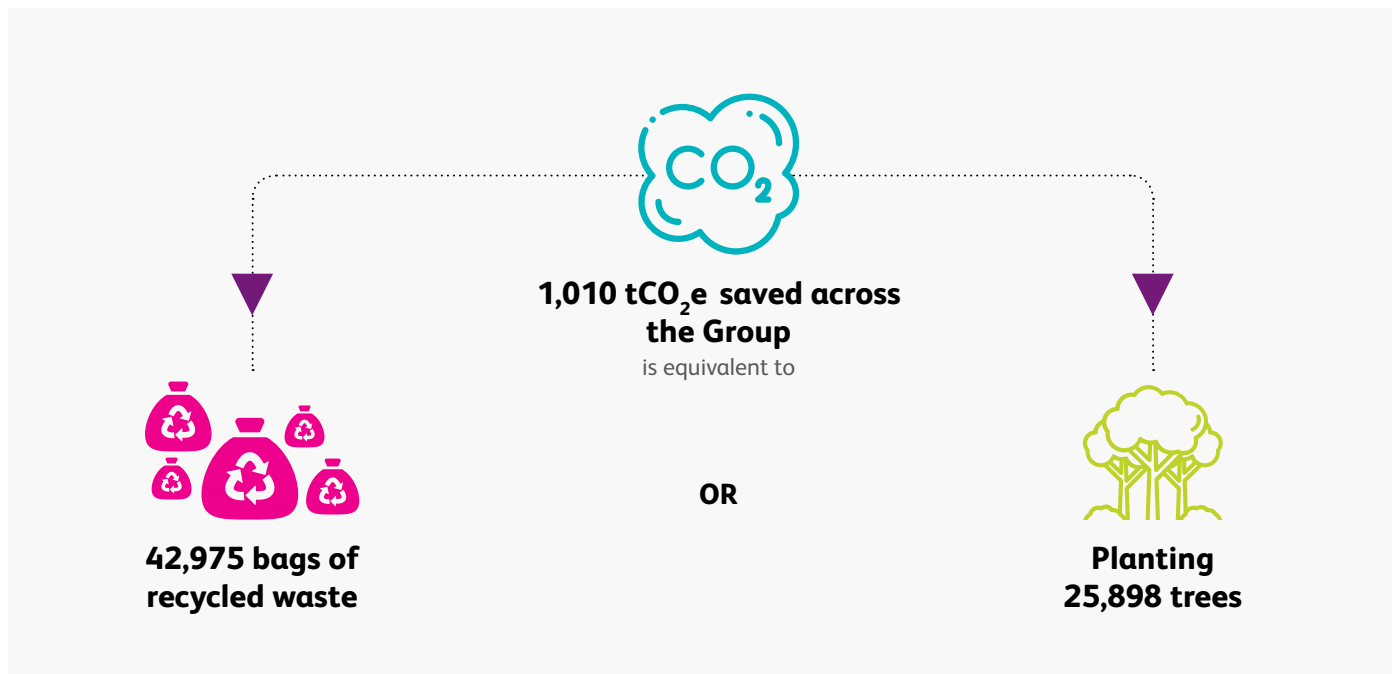
We continue to optimise energy consumption through the adoption of various energy-efficient solutions for our buildings. 2019 saw a substantial decrease in our electricity and energy consumption by 16% year-on-year. This is primarily due to the efficiencies generated from our solar panel system installed in AABC in 2018. Over 1.7 million kWh of renewable energy was harvested in 2019, resulting in electricity savings of RM614,000. The solar energy generated has also contributed to a carbon avoidance of 1,010 tCO<sub>2</sub>e in 2019, which is equivalent to planting nearly 26,000 trees. To further reap the benefits of our country's year-long sunny weather, we are currently assessing the feasibility of installing similar solar panels in ACBC.

Our new four-storey building in AABC is designed to optimise the use of natural lighting and ventilation, promoting electrical efficiency while our two existing electric vehicle charging stations in AABC continue to encourage energy efficient travelling options among our talents.

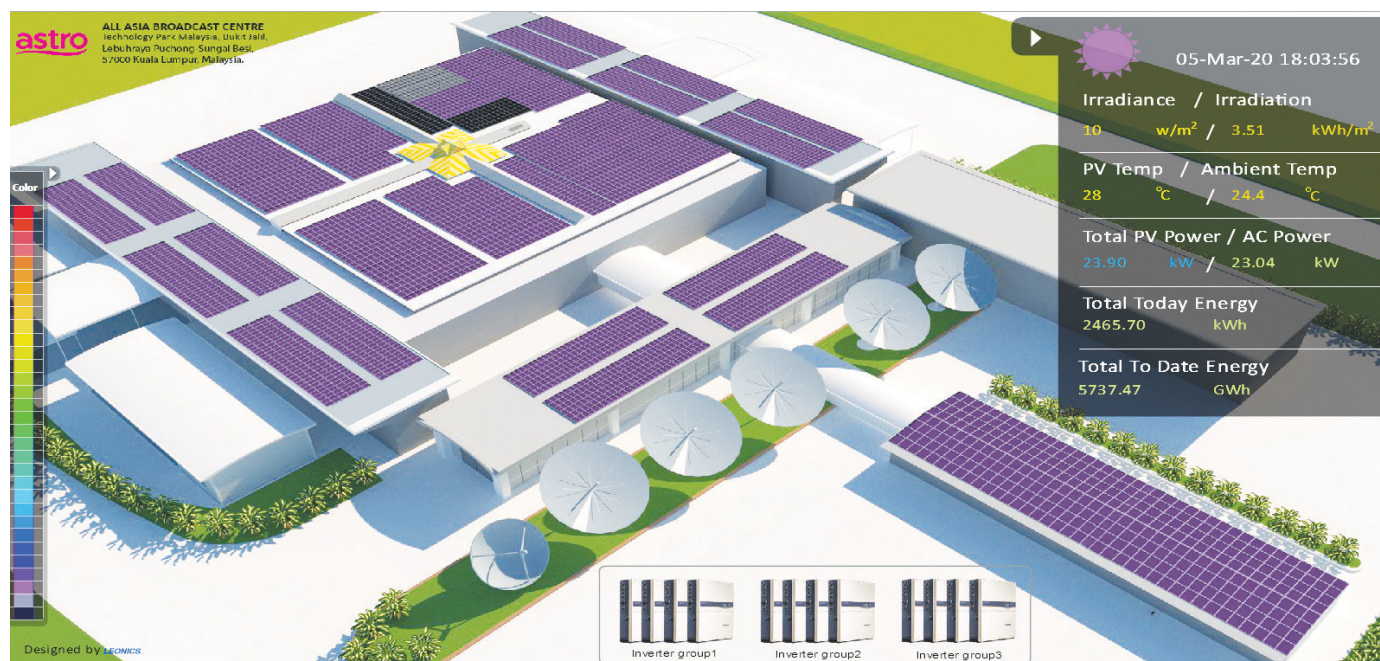
### ELECTRICITY AND ENERGY CONSUMPTION TREND (m kWh)



### CARBON AVOIDANCE FROM SOLAR ENERGY GENERATION



## Environment



*Our solar panel system harvests significant photovoltaic energy yearly equivalent to planting nearly 26,000 trees*

### E-WASTE MANAGEMENT

We remain conscious of the production and disposal of our STBs. As far as possible, we refurbish and redeploy our STBs to the market while working closely with our vendors to innovate as well as improve the design of our STBs to reduce our environmental footprint. For STBs beyond economic repair, we engaged with an e-Waste disposal and recycling partner certified by the Department of Environment to ensure effective disposal of generated e-Waste.

### OCCUPATIONAL SAFETY AND HEALTH (OSH)

The health and safety of our talents remain our utmost priority. We are delighted that our health and safety initiatives have been recognised with the ISO45001:2018 Occupational Health and Safety Management System and ISO14001:2015 Environment Management certification. Raising the bar in OSH, Astro became the first media and broadcast company to implement the Safety Passport programme, mandating installers and vendors dealing with high-risk tasks and services to undergo NIOSH - ASTRO Safety Passport (NASP) Training organised by the National Institute of Occupational Safety and Health (NIOSH). This underpins Astro's low accident rate per 1,000 employees at 0.19 compared to the

national average of 2.93 according to the Ministry of Human Resources (KSM). There were no fatal accidents reported in the last three years.

We also conduct annual fire inspection and fire drills across Astro offices to ensure preparedness for emergencies. In 2019, we teamed up with the Fire Rescue Department and qualified in-house Emergency Response Team to conduct fire drill exercises at AABC and ACBC.

To ensure talents are fluent in the latest best practices and requirements, they are required to score at least 80% in the mandatory annual OSH training module. Other optional OSH training programmes include fire safety, emergency response team, first aider and an OSH internal auditor certification programme.

There were two occupational lost time injuries reported in FY20. These unfortunate events occurred during installation at customers' premises. We continue to educate and reinforce a compliance culture among our talents to minimise the occurrence of such incidents.

## Caring for our environment



Today, we have 36 indoor and 18 outdoor recycle bins separating papers, plastics and metal containers within the compounds of AABC to drive awareness on responsible waste disposal.

Our talents continue to benefit from shuttle bus services for their daily commute to and from AABC and WAB offices to the nearest public transportation service station, saving over 90 tCO<sub>2</sub>e in GHG emissions in 2019. This equates to the eco-benefits of planting more than 2,300 trees or recycling 31 tonnes of waste instead of landfilling.

To minimise the use of plastic, we limited the sale of bottled mineral water and ceased the supply of plastic bags and straws at our cafeteria. Moving forward, we are aiming to implement the use of paper takeaway food boxes while further reducing the use of plastics across our Group.

**astro**

# STOP SINGLE USE PLASTIC

Do you know that the plastic bottle you are carrying takes more than 500 years to decompose and it is poisoning our planet?

Change your habits. Together we can make a difference.

 **REDUCE, REUSE AND RECYCLE.**

