

## ANNEX A - OUR IMPACT IN NUMBERS

**GHG Emissions Based On A 5-Month Period Accounting For The Build And Tear Down Of The Race**

Inventory		% Of GHG Emissions	
		2022	2023
SCOPE 1	<b>Power Generators</b>		
	Diesel	45.72%	35.26%
	B7 Biodiesel	15.40%	-
	B100 Biodiesel	0.32%	2.54%
	R20, R100 Biodiesel	-	7.43%
	Liquefied Petroleum Gas (LPG)	1.12%	1.32%
SCOPE 2	Electricity	33.54%	45.67%
	Market-based: REC	-	39.74%
	Market-based: Non-REC	-	5.93%
	Location-based: Singapore	-	45.67%
SCOPE 3	Water	0.08%	0.17%
	Wastewater	0.08%	0.17%
	Solid Waste	3.18%	6.84%
	<b>Transport</b>		
	Shuttle Vehicles	0.17%	0.17%
	Ferry	0.07%	0.08%
	Helicopter	0.34%	0.34%
<b>Total Greenhouse Gas Emissions</b>		<b>2,371.62 tCO<sub>2</sub>e</b>	<b>1,880.80 tCO<sub>2</sub>e</b> ✓

*Note: The numbers may not add up to 100% due to the rounding up of individual figures.*

### REDUCING GHG FOOTPRINT

- 100% of the track lights were replaced with energy-efficient LED lights, reducing energy use by at least 30% compared to the previous metal-halide bulbs.
- The Singapore Tourism Board (STB) commissioned the installation of 1,396 solar panels at the F1 Pit Building<sup>1</sup>, which generated more than 923,000kwh in the first year of operations.
- 2,320kg of used cooking oil was collected from 2023's F&B vendors for recycling into B100 biodiesel.
- Infrastructure and materials are re-used for as long as possible to ensure that the carbon arising from construction, use, demolition and disposal are kept to a minimum.

### HOLISTIC APPROACH TO SUSTAINABILITY

- Water in single-use plastic bottles is no longer sold in the Circuit Park since 2022, eliminating 160,000 used plastic bottles annually. SGP has increased the number of water refill stations within the event grounds to encourage all patrons and staff to use their own reusable water bottles. Staff are also issued with reusable water bottles and/or water in carton packaging, reducing an estimated 43,140 single-use plastic water bottles.
- Last year, SGP introduced 120 water-efficient solar powered container toilets which saved us an estimated 129,600 litres of water over the three-day race weekend and we will continue to have this in races to come.

<sup>1</sup> This is part of STB's efforts to introduce innovative solutions to achieve Singapore's sustainability goals to ensure greater long-term impact.

- Eliminated 93,000 printed event guides and encouraged patrons to download the Singapore GP mobile app.
- 100% of disposable cups and cutlery used at staff cafeterias, Media Centre, Paddock Club and Hospitality Suites, as well as offices at the Pit Building, are biodegradable. In 2023, 84% of tableware used in the Circuit Park was biodegradable, up from 68% in 2022.
- Approximately, 50,000 staff uniforms and event materials like fence wraps, flags, podium stands and red carpets are reused over the years.
- Savings of 250,000 of plastic cards and lanyards, 135,000 PET Packaging and 31,000 bubble mailers when SGP made the switch to e-tickets.
- 93% reduction in plastic cards for personnel accreditation passes in 2022 from 2019 with the introduction of an online accreditation portal.

## **SOCIAL IMPACT**

- SGP has reached out to over 704,013 local residents via a variety of community activations since 2013. Programmes include an annual Pit Lane Walk, pop-up events, live screenings, and school talks.
- Over 89,000 students gained insight into the world of Formula 1 through educational talks held at schools since 2012.
- More than 30,000 local residents have participated in the Pit Lane Experience on the eve of the Grand Prix weekend that gives an up-close view of the F1 team garages and pit crew in action.
- Over 12,000 ITE students have trained and worked for the race since 2009.