

Summary of greenhouse gas (GHG) emissions

2021

Grimshaw has pledged a 50% reduction of its 2019 Scope 1 and 2 baselines by 2030, in line with science-based targets, and the practice is committed to disclosing its annual greenhouse gas (GHG) emissions for Scopes 1, 2, and 3.

The table below shows a summary of Grimshaw's GHG emissions for 2021, which is compared with the same data from 2019 (our baseline year) and 2020. Our carbon emissions halved from 2020 and have reduced dramatically since 2019. This is due to a combination of a reduction in electricity consumption as a result of the COVID 19 pandemic (and staff spending much of their time working from home), and reduced business travel.

Total emissions were assessed using a market-based methodology. This means that Scope 2 electricity emissions were measured using energy attribute certificates, power purchase agreements, or supplier emissions. This takes into account studios that purchase renewable energy. Three Grimshaw studios purchased 100% renewable energy in 2021: London, Melbourne, and Sydney. Total Scope 2 emissions decreased in 2021.

Recognising the impact of our staff working from home, we improved our emissions measurement by conducting a carbon footprint survey in 2021. This survey collected data on modes of transport used to commute to the studio, and

number of months and days per week spent working from home. The data collected was also used to recalculate our 2019 and 2020 emissions.

To further reduce Grimshaw's carbon footprint, we will continue to work on reducing emissions from business travel, reducing energy demand, and improving energy efficiency across our operations. To help with this, a revised Business Travel Policy was published in June 2022, and all studios implement energy management plans that seek to reduce energy demand and improve efficiency. Additionally, as part of our commitment to the Science-Based Targets initiative, we are assessing all material supply chain emissions and plan to disclose the result next year and set targets to manage them.

The GHG emissions reported below are offset to achieve carbon-neutral operations. As in 2020, our 2021 carbon footprint will be offset with nature-based carbon allowances purchased from Climate Impact Partners.

	Emission source	2019 baseline	2020	2021
Scope 1	Company cars	0.1	0.2	0.9
	Direct fugitive emissions	0	0	0.7
	Emissions from AC (leaked)	0	8	0
Scope 2	Electricity	645	154	45
Scope 3	Fuel and energy indirect emissions	110	19	1
	Courier companies	14	2	12
	Waste generated in operations	24	22	3.5
	Business travel	4158	527	260
	Leased assets	84	13	7
	Employee commuting (inc. working from home)	194	231	155
Totals	Total Scope 1	0.1	8	1.6
	Total Scope 2	645	154	45
	Total Scope 3	4584	814	439
	Total emissions	5229	976	486
	Annual variation		-81%	-50%
Intensity	Emissions per employee	8	2	1

Table: Carbon footprint emissions inventory across the entire practice by Scope and emissions source for the year 2021 compared to 2019 (the baseline year) and 2020. All figures are in tonnes of carbon dioxide equivalent.