

EMISSIONS (Methodology used: GHG protocol)	2019 Baseline tCO ₂ e	2021 tCO ₂ e	% change
SCOPE 1			
Vehicle fleet	2,446	2,534	4%
Gas use	1,250	1,830	46%
LPG use	157	137	-13%
SCOPE 2			
Purchased electricity (market)	434	390	-10%
SCOPE 3			
Purchased goods and services (water use)	32	34	9%
Purchased goods and services (raw materials)	33,297	32,229	-3%
Fuel- and energy- related activities (T&D losses)	281	1,646	485%
Waste generated in operations	130	611	371%
Business travel	90	10	-89%
Downstream transport and distribution	1,458	2,000	37%
Downstream rented assets	126,359	134,826	7%
TOTAL SCOPE 1, 2 AND 3 EMISSIONS	165,934	176,247	6%

INTENSITY MEASURES	2019 Baseline	2021	% change
Total emissions tCO ₂ e / £1m revenue	523	495	-5%
Total emissions tCO ₂ e / 100,000 hours worked	4133	3990	-3%

COMMENTARY:

Portakabin calculated its baseline emissions and developed a roadmap to Net Zero in 2021. 2019 was selected as the carbon emission baseline given that it represented a typical year, pre pandemic. Activity to reduce carbon emissions commenced in 2022 and is anticipated to effect emissions, particularly in Scope 1&2, in 2023 at the earliest.

Emissions in 2021 were considerably effected by the Covid pandemic particularly in reference to a notable increase in rented assets and transportation to support the pandemic response. A colder winter in 2021 increased emissions from natural gas. T&D losses and waste generated from operations increased due to a change in calculation methodology. Despite these 'business as usual' increases, reductions in business travel and electricity emissions were observed due to the low number of employees in the workplace. Vehicle fleet emissions remained similar to 2019 as distance travelled reduced whilst vehicle numbers (and employees) increased.