

Energy & Carbon

The use of fuel costs Galliford Try an average of £7,498,762 a year (2012 - 2019) and produces about 20,000 tonnes of carbon dioxide a year, which contributes to global warming. The two largest contributors of this total are from on-site fuel use (53%) and business travel (35%); hence, the best way to reduce our energy expenditure is to reduce our on-site fuel use, wherever possible.

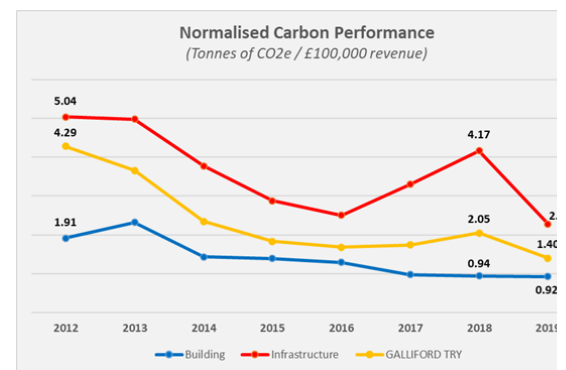
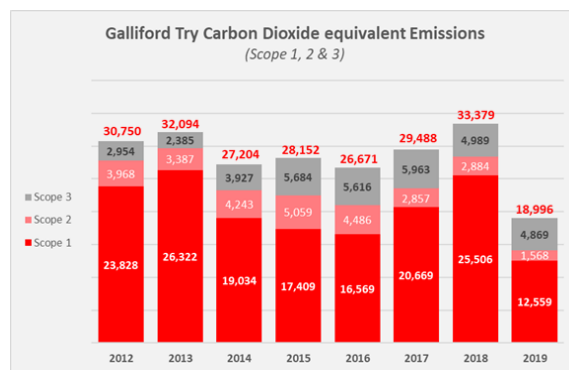
We are committed to improving energy efficiency and have processes within the [BMS](#) to support our Energy Policy; however, changing our everyday behaviours is the key to making a big difference in reducing our energy costs and reducing our contribution to global warming.

Our performance

We measure and report our carbon dioxide equivalent (or CO₂e) emissions, which are a reflection of both our carbon dioxide emissions and emissions from other greenhouse gases. Our CO₂e footprint is derived from three sources:

- **Scope 1 emissions.** These are direct emissions from fuel we have used (e.g., gas for heating offices; diesel used on site; petrol / diesel to drive company cars for business travel; and fugitive emissions from office air-conditioning systems).
- **Scope 2 emissions.** These are indirect emissions from our use of electricity.
- **Scope 3 emissions.** These are other indirect emissions (e.g., carbon emissions from waste, from our supply chain, from our buildings in use, from business travel in privately owned vehicles) (*Note: We currently only report our emissions from business travel in privately owned vehicles*).

In 2019, we generated **18,996 tonnes** of CO₂e, from Scope 1, 2 and 3 sources, which is a 43% improvement upon the emissions we produced in 2018 i.e., 33,379 tonnes of CO₂e. Additionally, our normalised carbon performance improved by 32% (i.e., **1.40 tonnes of CO₂e per £100k revenue** in 2019 compared to 2.05 tonnes of CO₂e per £100k revenue in 2018, which we have achieved by establishing early grid connections and reducing unnecessary travel. Our carbon emission targets can be found in the HS&S Action Plan.



Our latest energy and carbon performance for the calendar year 2019 is shown below and our energy and carbon performance reports can be found [here](#).

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PAGE OWNER



Suzie Ellis (Gall...
Divisional Sustain...

ORG TAGS

OFFICE TAGS

TOPIC TAGS

DIVISION	BUSINESS UNIT	COSTS (£)				CARBON EMISSIONS (tCO2e)				CARBON FOOTPRINT (Target = 1.3 tonnes CO2e / £100k)
		BUSINESS TRAVEL	ON-SITE FUEL USE	GAS & ELECTRICITY	TOTAL	BUSINESS TRAVEL	ON-SITE FUEL USE	GAS & ELECTRICITY	TOTAL	
GALLIFORD TRY		£3,035,140	£2,077,270	£1,221,785	£6,334,195	6,749	9,997	2,247	18,996	1.40
BUILDING	Morrison Construction - Scotland	£399,369	£180,710	£121,020	£701,099	875	871	221	1,968	0.85
	North East & Yorkshire	£200,469	£54,410	£33,370	£288,249	465	288	40	793	0.86
	North West	£98,869	£90,490	£32,230	£221,589	228	440	57	725	0.87
	East Midlands	£131,249	£186,980	£92,660	£410,889	274	858	119	1,251	1.53
	West Midlands & South West	£201,669	£42,220	£384,080	£627,969	422	200	931	1,553	0.99
	London - South East Commercial	£119,379	£52,450	£132,540	£304,369	271	249	263	783	0.88
	Southern	£195,989	£35,050	£112,600	£343,639	431	165	174	769	0.67
BUILDING DIVISION		£1,346,990	£642,310	£908,500	£2,897,800	2,966	3,071	1,805	7,841	0.92
INFRASTRUCTURE	Rail & Aviation	£211,642	£526,244	£30,330	£768,216	472	2,605	43	3,120	5.60
	Environment	£548,342	£153,624	£5,440	£707,406	1,252	736	0	1,988	1.23
	Highways	£481,662	£394,374	£81,220	£957,256	1,056	1,869	126	3,050	1.55
	Scotland & Power	£79,342	£191,054	£19,780	£290,176	180	898	34	1,111	5.78
	Major Projects	£42,612	£1,224	£0	£43,836	90	6	0	96	0.00
INFRASTRUCTURE DIVISION		£1,363,600	£1,266,520	£136,770	£2,766,890	3,050	6,113	202	9,366	2.28
SPECIALIST SERVICES	GT Facilities Management	£76,022	£0	£75,449	£151,471	172	0	188	360	1.32
	Rock & Alluvium	£28,850	£161,947	£0	£190,798	66	785	0	850	5.07
	Oak Dry Lining	£15,526	£0	£0	£15,526	30	0	0	30	0.17
SPECIALIST SERVICES		£120,399	£161,947	£75,449	£357,795	268	785	188	1,241	1.99
GROUP SERVICES	HS&S Department; SSC; HR; IT; GT Investments; GT Plant; GT Pentland Estates; GT Telecoms	£204,151	£6,493	£101,066	£311,710	465	28	53	546	1.49

Our Scope 1 and 2 (and some Scope 3) emissions are externally verified and since 2014 have been certified to ISO 14064-1. Details of our carbon verification initiative, which is conducted on a calendar year basis, can be found below (*Note: The scope of the Verification Reports and Certificates for 2012 - 2019 is C&I; GT Partnerships & Regeneration; and Linden Homes i.e., only for 2020 onwards will these Verification Reports and Certificates be specific to the post divestiture Galliford Try*).

2012	Carbon verification report
2013	Carbon verification report
2014	Carbon verification report and ISO 14064-3 Certificate
2015	Carbon verification report and ISO 14064-3 Certificate
2016	Carbon verification report and ISO 14064-3 Certificate
2017	Carbon verification report and ISO 14064-3 Certificate
2018	Carbon verification report and ISO 14064-3 Certificate
2019	Carbon verification report and Carbon verification statement

Since 2014 we have also captured the carbon dioxide equivalent emissions (i.e., Scope 3 (indirect) emissions) from the disposal of our construction site generated waste streams, which was 2,337 tonnes in the calendar year 2019 (2014 = 17,305 tonnes; 2015 = 34,390 tonnes; 2016 = 47,296 tonnes; 2017 = 22,909 tonnes; 2018 = 24,772), which when normalised per £100,000 revenue equates to 0.14 tonnes of CO₂e / £100,000 turnover.

Due to the size of Galliford Try, we are required to comply with the Energy Saving Opportunities Scheme (ESOS) that is a legal requirement. In order to comply with these regulations, we have chosen to have a series of energy audits conducted by the Carbon Trust that are required once every four years. These energy audits have identified a number of energy and cost saving opportunities, which are detailed in the following reports: [Phase 1](#) (in 2015); and [Phase 2](#) (in 2019).

Your role

Everyone has a role to play in reducing our carbon footprint. There are several easy things we can all do:

- **Switch off heating when not in use.** Heating uses more energy than most things so keep windows and doors shut when the heating is on and switch heating off when it isn't needed.
- **Switch off equipment.** All electrical equipment (computers, monitors, lights etc.) uses energy when on standby. If you can see a light on it, it is using power. Switching off not only saves power but reduces the risk of fire.
- **Stop idling.** Plant and vehicles idling uses unnecessary fuel. If you need to stop moving machinery on site for any length of time, switch the engine off. In a random sample of 20 JCBs used across Galliford Try, it was found that the machines were on average idling for 41% of the time that the engines were switched on. This idling accounted for 14% of the fuel use, and cost! Display the [Stop Idling](#) poster to help stop this happening.
- **Avoid unnecessary travel.** Use teleconferencing, videoconferencing, TEAMS, Skype or a simple phone call instead of travelling to meetings wherever possible. For more information on these technologies refer to our Agile Working Brochure.

- **Correctly size generators.** Where a generator is necessary (i.e., only when you can't connect to the mains), ensure it is correctly sized and as with other equipment, switch it off when it isn't in use. Keep the filters clean so it runs more efficiently.
- **Explore energy efficient products.** Our [Environmental Product Guides](#) provide details of products that can reduce environmental impacts. Products of particular relevance for carbon are [Firefly hybrid generators](#), [Power Cubes](#), [LED lighting](#), and [solar tower cranes](#).
- **Display posters to encourage energy saving.** A number of energy related [Galliford Try posters](#) have been are available to help remind us to save energy. You can also refer to our Resource Management Best Practice Guide in the BMS that contains an Energy Housekeeping Checklist that will help improve energy efficiency.

Comments

Reply...

Post

SEE A PROBLEM?

YES

Group Websites

Galliford Try website

Morrison Construction website

External Links

IHS Technical Standards

Considerate Constructors Scheme