

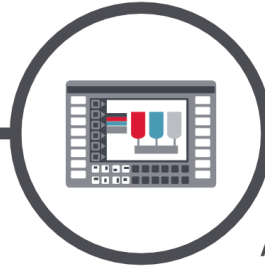
# ENVIRONMENTAL IMPACT CHAMPIONS



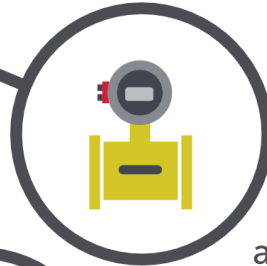
# ABOUT GAMBICA

GAMBICA is the Trade Association for Instrumentation, Control, Automation and Laboratory Technology in the UK.

Our insight and influence help our members to be more competitive by increasing their knowledge and impact. Together we remove barriers and maximise the market potential in our industry



Industrial Automation



Process Instrumentation and Control



Laboratory Technology



Test and Measurement



University Engagement



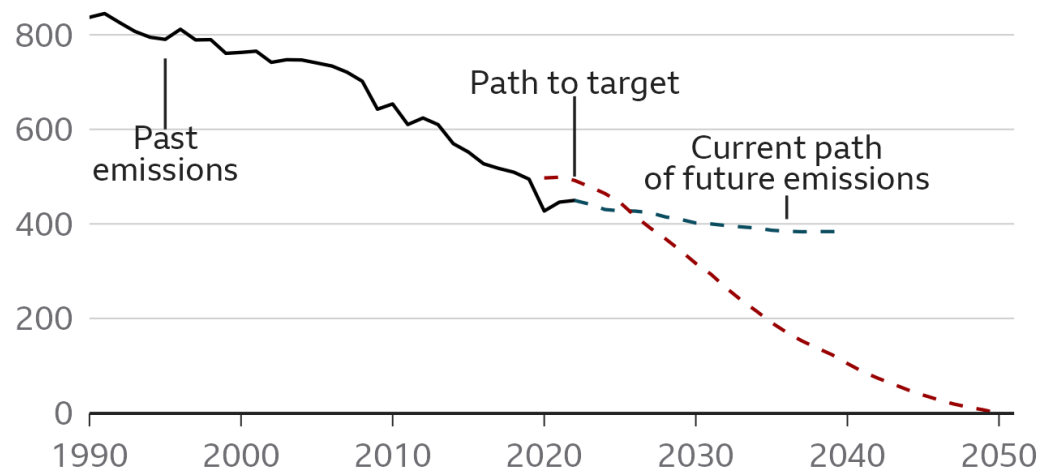
UKWF is a partner member of GAMBICA

## THE PATH TO NEXT ZERO

The Climate Change Act commits the UK government by law to reducing greenhouse gas emissions by at least 100% of 1990 levels (net zero) by 2050.

### UK will miss targets without stronger action

Megatonnes of CO<sub>2</sub>-equivalent greenhouse gas emissions per year



Emissions data for 2022 is provisional. Future emissions could be higher or lower. Past and future emissions from UK gov, target path from Climate Change Committee. Includes international aviation and shipping bunkers.

Source: Department for Energy Security and Net Zero, CCC



## GOVERNMENT PLEDGES

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To help reach net zero by 2050, the UK has made a series of pledges including:

- generating all electricity from clean sources by 2035
- banning new petrol and diesel cars from ~~2030~~ 2035
- installing 600,000 heat pumps a year by ~~2028~~ 2035
- using carbon capture to remove between 20 and 30 million tonnes of CO<sub>2</sub> a year by 2030





From April 2023, for all contracts above £5 million per annum, the NHS will require suppliers to publish a Carbon Reduction Plan (CRP) for their UK Scope 1 and 2 emissions – and a subset of scope 3 emissions as a minimum.

NHS procurement teams will introduce a set of mandatory Selection Questionnaire (SQ) questions in their procurements for new contracts with an anticipated average value of over £5 million per annum.

<https://www.supplychain.nhs.uk/news-article/carbon-reduction-plan-requirements/>

## ENVIRONMENTAL IMPACT CHAMPIONS

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As part of our role in helping industry decarbonize, we are recognising Environmental Impact Champions who take part in our survey and reporting.

The survey helps members to:

- Identify their main CO<sub>2</sub> emission sources in order to plan reduction
- Use the data to demonstrate approach to customers and tenders
- Benchmark performance annually

Members only need supply raw data (kWh, miles, number of hotel stays etc)  
GAMBICA will convert each category to CO<sub>2</sub> values using official factors



# DATA SUBMISSIONS

**GAMBICA**

**ENVIRONMENTAL IMPACT SURVEY - 2022**



Company name :   
 Contact name :   
 Contact email :

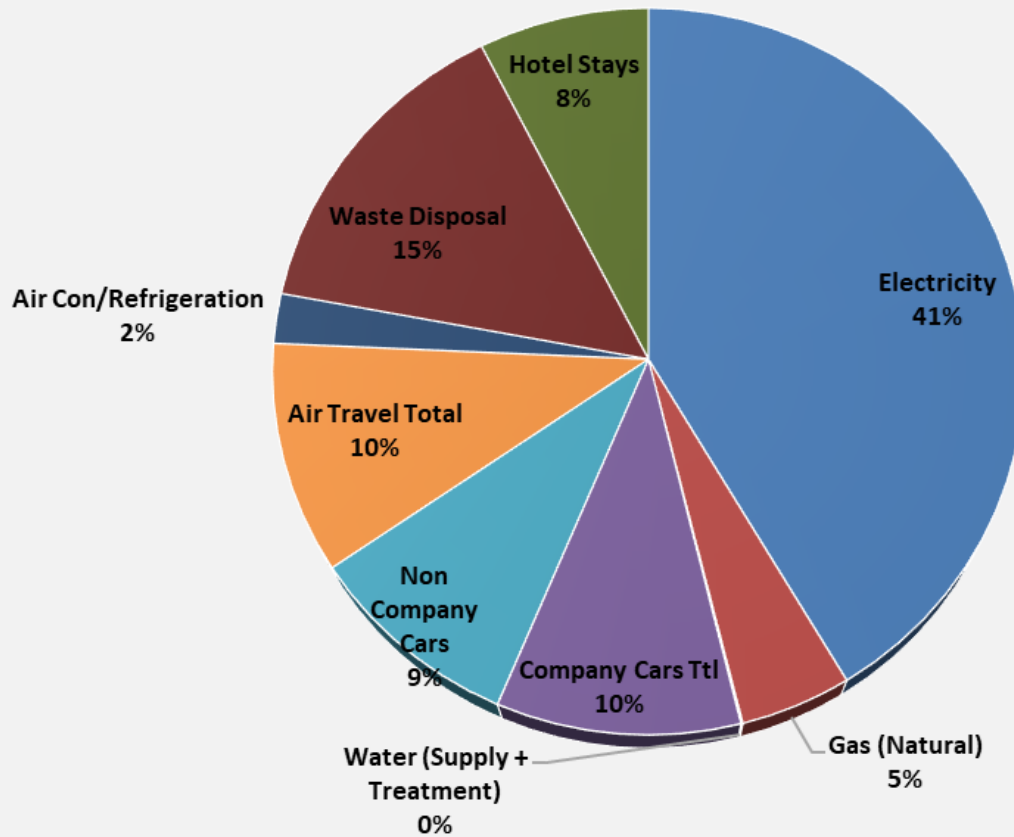
Inputs can be submitted at any time up to 15 December 2023. Individual results will be returned within 3 weeks. To be included in year end industry benchmarking, please submit your 2022 data by 15 December 2023.

Please report for the calendar year 2022

<b>1 Company information</b> Headcount: <input type="text"/> full time equivalent (FTE) on 1st Jan Turnover (£000): <input type="text"/> for UK operations full financial year Site Type: <input type="text"/> please select from drop down list Area m <sup>2</sup> : <input type="text"/>																
<b>2 Is your company ISO14001 Certified?</b> <input type="text"/> (certified by a registered body e.g. BSI, UKAS)																
<b>3 Electricity - Scope 2 (exc renewables)</b> <input type="text"/> kWh Enter the total no. of kilowatts to the grid i.e. excluding renewable	<b>7 Non Company Cars - Scope 3 (assume medium petrol car)</b> <input type="text"/> Miles Please enter business usage only of non-company cars															
<b>4 Gas (Natural) - Scope 1</b> <input type="text"/> kWh Enter the total no. of kWh used from grid. Other gas types will require	<b>8 Air Travel Short Haul - Scope 3</b> <input type="text"/> kms The www.airmilecalculator.com site can be helpful in identifying air distances															
<b>5 Water - Scope 3 (Supply + Treatment)</b> <input type="text"/> cubic metres Enter the volume used from you	<b>9 Air Travel Long Haul - Scope 3</b> <input type="text"/> kms															
<b>6 Company Cars - Scope 1</b> <table border="1"> <thead> <tr> <th></th> <th>Diesel</th> <th>Petrol</th> <th>Plug-In Hybrid Electric Vehicle</th> <th>Battery Electric Vehicle</th> </tr> </thead> <tbody> <tr> <td>Libres / Miles (please select)</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td>Number of vehicles</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </tbody> </table> Enter total lbs from places of recording to here		Diesel	Petrol	Plug-In Hybrid Electric Vehicle	Battery Electric Vehicle	Libres / Miles (please select)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Number of vehicles	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>10 Air Con/Refrigeration - Scope 1</b> Small stationary air con: <input type="text"/> Please enter number of units Heat Pumps (Office): <input type="text"/> Domestic Refrigeration: <input type="text"/> Small Domestic Stand-Alone Refrigeration Units: <input type="text"/> Light Duty Mobile Air Conditioning: <input type="text"/> Others: <input type="text"/> Please indicate type of units included in others: <input type="text"/>
	Diesel	Petrol	Plug-In Hybrid Electric Vehicle	Battery Electric Vehicle												
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Number of vehicles	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>												
	<b>11 Waste Disposal - Scope 3</b> Type: Method Recycling: <input type="text"/> kg INCLUDES: Mixed ; Open loop Recycling; Filters (Chemicals) ; Open/Closed loop Recycle; Paper & Board ; Mixed Recyclable ; Closed Loop Recycling Commercial and Industrial Waste (General): Landfill: <input type="text"/> kg Information on your WEEE activities can be gained from your compliance scheme Paper and board (using your premises as waste you may have to weigh - to estimate past months please use a typical month's output Commercial and industrial waste you may be able to find from your recycling contractor Please enter all weights in kg															
	<b>12 Hotel Stays - Scope 3</b> <table border="1"> <tbody> <tr> <td>UK + Europe</td> <td><input type="text"/></td> <td>Number of Nights</td> </tr> <tr> <td>USA / Americas</td> <td><input type="text"/></td> <td>Number of Nights</td> </tr> <tr> <td>Asia / Australasia</td> <td><input type="text"/></td> <td>Number of Nights</td> </tr> <tr> <td>Rest of World</td> <td><input type="text"/></td> <td>Number of Nights</td> </tr> </tbody> </table>	UK + Europe	<input type="text"/>	Number of Nights	USA / Americas	<input type="text"/>	Number of Nights	Asia / Australasia	<input type="text"/>	Number of Nights	Rest of World	<input type="text"/>	Number of Nights			
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# OUTPUT

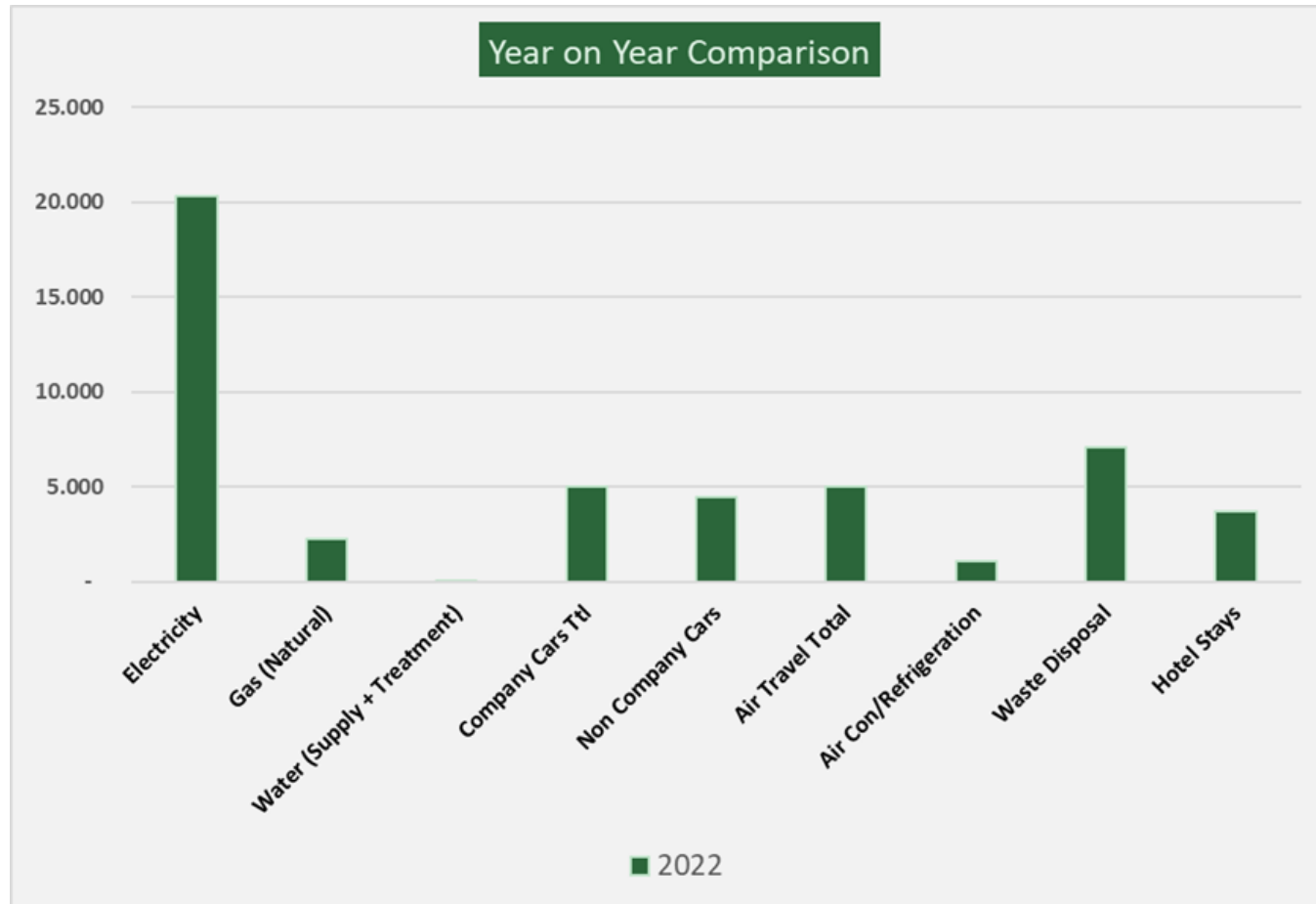
2022 Emissions by sector





# OUTPUT

49.0018 Total Tonnes CO<sub>2</sub>e 2022



# GAMBICA



KNOWLEDGE



INFLUENCE



COMMUNITY