

MY NET ZERO TOOLKIT

Is your organisation
ready to meet the
UK's 2050 target?



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The UK has legislated to be net zero by 2050.

The urgency around net zero has arrived from the catastrophic threat posed by climate change. The 2015 Paris United Nations Climate Change Summit reached the agreement to keep global warming 'well below' 2 degrees Celsius, and to 'make efforts' to keep it below 1.5°C.

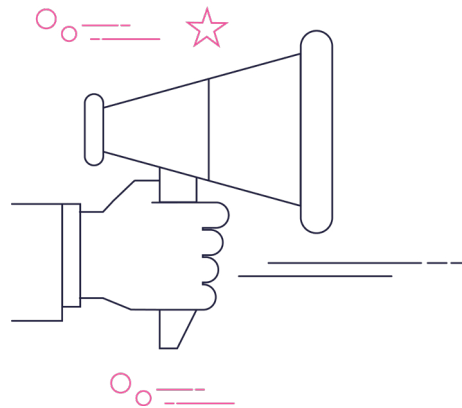
We are already at +1.1°C and it has been suggested that global greenhouse gas (GHG) emissions need to reach 'net zero around mid-century' to give a reasonable chance of limiting global warming to 1.5°C.

'Net zero' means limiting overall GHG emissions to 100% below 1990 levels, across the whole economy. Any remaining emissions must be balanced by finding ways to absorb an equivalent amount of greenhouse gases (GHG) from the atmosphere.

In June 2019 the UK became the first major economy in the world to pass legislation to end its contribution to global warming - committing to reduce greenhouse gas emissions to net zero by 2050.

Since then, we've seen numerous announcements from organisations committing to ambitious initiatives, detailing how they will reduce their carbon impact - from sourcing power from renewable energy sources, to overhauling manufacturing processes and electrifying fleets.

But there's still a long way to go.



Why should the manufacturing sector get involved?

Industry is one of the largest GHG emitters in the UK, accounting for 21% of emissions, only slightly less than surface transport. Buildings also account for another significant portion (17%) of the emissions.

The manufacturing sector itself is responsible for 12% of total UK GHG emissions.

Manufacturers have a crucial role to play in the Green Industrial Revolution, not only to reduce the problem (as a major emitter) but will also aid the solution by developing technologies, products, services and skills deemed essential to the green economy.

Net zero also presents us with an opportunity. Not only can you make savings from reducing your carbon footprint, you can improve technology, process and behavioural efficiencies, lessen waste, drive innovation, build your reputational credentials and get ahead of your competitors.

What is 'My Net Zero Toolkit'?

'My Net Zero Toolkit' will guide UK manufacturers' path towards Net-zero by 2050 (or earlier if possible) and help them to respond to the imperative of climate action.

The toolkit is intended to enable all members, wherever they are in their net zero journey, to understand that it is possible to plan their future business in a climate-responsible manner, and that they will reap the benefits of this strategy.

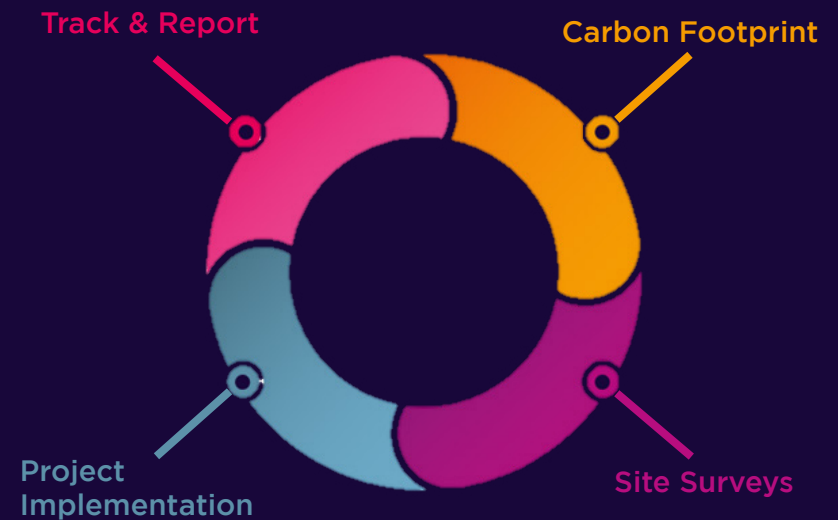
Inspired Energy have partnered with Make UK to launch this toolkit to support your businesses. Inspired Energy is one of the UK's longest established and leading independent utility consultancies.

Inspired Energy help businesses with the procurement of their energy and water, as well as providing expert support with utility and carbon management. They work as an extension to your team, aligning with your goals and working to provide you with the utility solutions you need.

Your toolkit consists of:

1. **Carbon Footprint**
2. **Site Surveys**
3. **Project Implementation**
4. **Track and Report**

Net Zero is a challenge but with the right support and advice, can present your business with a range of commercially and operationally beneficial opportunities.



1. Carbon Footprint

Inspired Energy will work in partnership with your in-house team to plan your net zero journey.

To work out your goals and ensure they are right for your organisation, it is important to first measure your carbon footprint.

We will support you with data collection and use government compliant methods to provide you with a good understanding of your current Scope 1 & 2 emissions.

The results are presented to you in a comprehensive, disclosure ready Carbon Footprint Report that gives you the baseline from which to measure future changes.

Sources of national greenhouse gas emissions

	% CO ₂ e
Heat	31
Transport	27
Electricity & fuel production	23
Agriculture	10
Waste	4
F-gases	3
Industrial process emissions	2



2. Site Surveys

Our specialist team will then complete a detailed energy audit of all your sites to identify consumption patterns and tailored recommendations.

We will provide a report listing with carbon reduction investment options, complete with business cases.

Our site surveys can also identify solutions to stop wastage, help your building obtain a better rating on your EPC or DEC, help with consumption reduction and energy efficiency improvements.

Our site surveys are carried out to a BS EN 16247-2 standard.

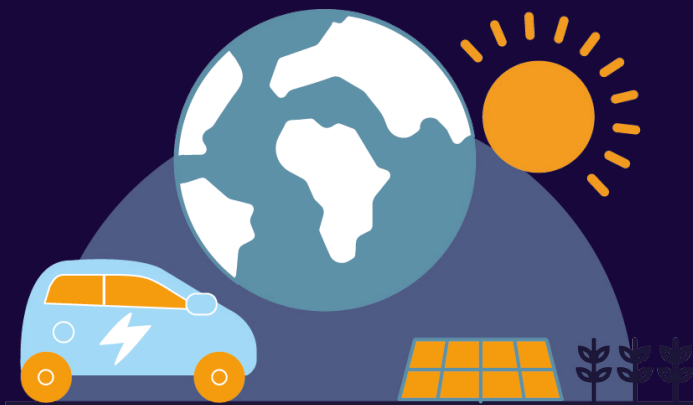


3. Project Implementation

Inspired Energy don't leave our service at report stage either. Instead, we can work with you to facilitate and manage any projects so you receive the full value of our service.

Some technologies require zero capital up-front but our team can also create costed plans against a set budget.

We provide a wide range of services, including procurement of green energy, LED lighting, heat pumps, improved metering, solar PV, battery storage, electric vehicle solutions and carbon offsets.



4. Track & Report



Tracking what has been achieved so far against a baseline will help to show the progress you have made towards your goal.

We will provide an annual review of your carbon footprint and highlight potential areas for greater savings - or where more progress needs to be made.

Inspired Energy take the headache of reporting away, freeing you up to shout about your decarbonisation efforts and demonstrate your reputation-enhancing net zero credentials.

SUPPORTING YOUR JOURNEY TO **NET ZERO**



Supporting Partner

Is your organisation ready to meet the UK's 2050



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The Manufacturers' Organisation