

# Net Zero Emissions

## What is Net Zero?

Net Zero emissions means reducing emissions as much as possible whilst acknowledging that where greenhouse gas emissions still occur, they must be offset entirely through carbon capture or storage.

## How is Net Zero different from Carbon Neutral?

Carbon neutrality allows you to use any carbon offsets, whereas Net Zero requires reduction offsets such as tree planting or similar to offset rather than avoidance offsets like [clean cookstoves projects](#).

## Commitment to Net Zero

In June 2019, the UK Government committed to bring the UK's Greenhouse Gas emissions to Net Zero by 2050. A number of other organisations have now made this pledge with the aim to be leaders in driving the changes required to meet this target.

### Who has made the commitment?

Some examples of organisations who have committed to Net Zero include:

- EA Net Zero by 2030
- Sky Net Zero by 2030
- Sainsburys Net Zero by 2040
- Nestle Net Zero by 2050
- Repsol Net Zero by 2050
- Qantas Net Zero by 2050

### Steps to Net Zero

1. Ensure senior level commitment - will need buy in and resource commitment
2. Establish boundaries - account only for things under your operational control or include value chain emission
3. Collect activity data - energy use and associated emission
4. Calculate carbon footprint - need to apply appropriate emissions factors
5. Identify hotspots - areas producing most emissions
6. Set targets - these should be science-based
7. Reduce or offset - reduction first before looking into offsets

### Get in touch

Contact the Comply Direct team for more information - [carbon@complydirect.com](mailto:carbon@complydirect.com) or **01756 794 951**



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## Science Based Targets

Greenhouse gas emissions reduction targets adopted by organisations are considered science-based if they are in line with what the latest climate science says is necessary to meet the goals of the [Paris Agreement](#): to limit global warming to well-below 2°C above pre-industrial levels and pursue efforts to limit warming to 1.5°C. Organisations can submit a commitment letter to the [Science Based Target Initiative](#) (SBTi), develop a target following SBTi guidance, criteria, and methodologies for setting targets, submit the target for validation, and then announce the target. They should then report on their progress against the target each year and publish one piece of research/thought-leadership in support of net zero carbon each year.

### Some Ideas To Get You Started

- Energy reduction – building improvements, energy efficient equipment, LEDs
- Energy management – smart meters, thermostats, light sensors
- Energy switching – renewable generation onsite, green tariff energy
- Travel plans – video conferencing, electric vehicles, mileage caps
- Staff engagement – carbon champions, training, sustainability notice boards
- Supply chain management – request carbon footprints, set minimum standards
- Carbon offsets

### How Comply Direct can help

- **Strategy:** We can help develop a business case for sustainability, help you assess where you are now, where you want to be, and provide a plan to achieve this aim
- **Technical support:** We can help with the calculation of greenhouse gas emissions to approved protocols, and with setting science-based targets
- **Carbon offsets:** We can advise you on the best carbon offsets for your business, and even supply these for you
- **Research, analysis, and expert guidance**
- **Keep up to date:** [Net Zero Carbon Blog](#), subscribe to [Energiser Newsletter](#), follow [Comply Direct](#) on LinkedIn



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