

net zero in a nutshell

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why is net zero so important?

The Intergovernmental Panel on Climate Change says that to have a **50% chance** of keeping global warming to 1.5°C, global emissions need to reach **zero by 2050**.



The UK, together with more than **110** other countries, has pledged '**net zero**' by **2050**, and China has pledged to get there before **2060**. These countries represent **c.50%** of global GDP.

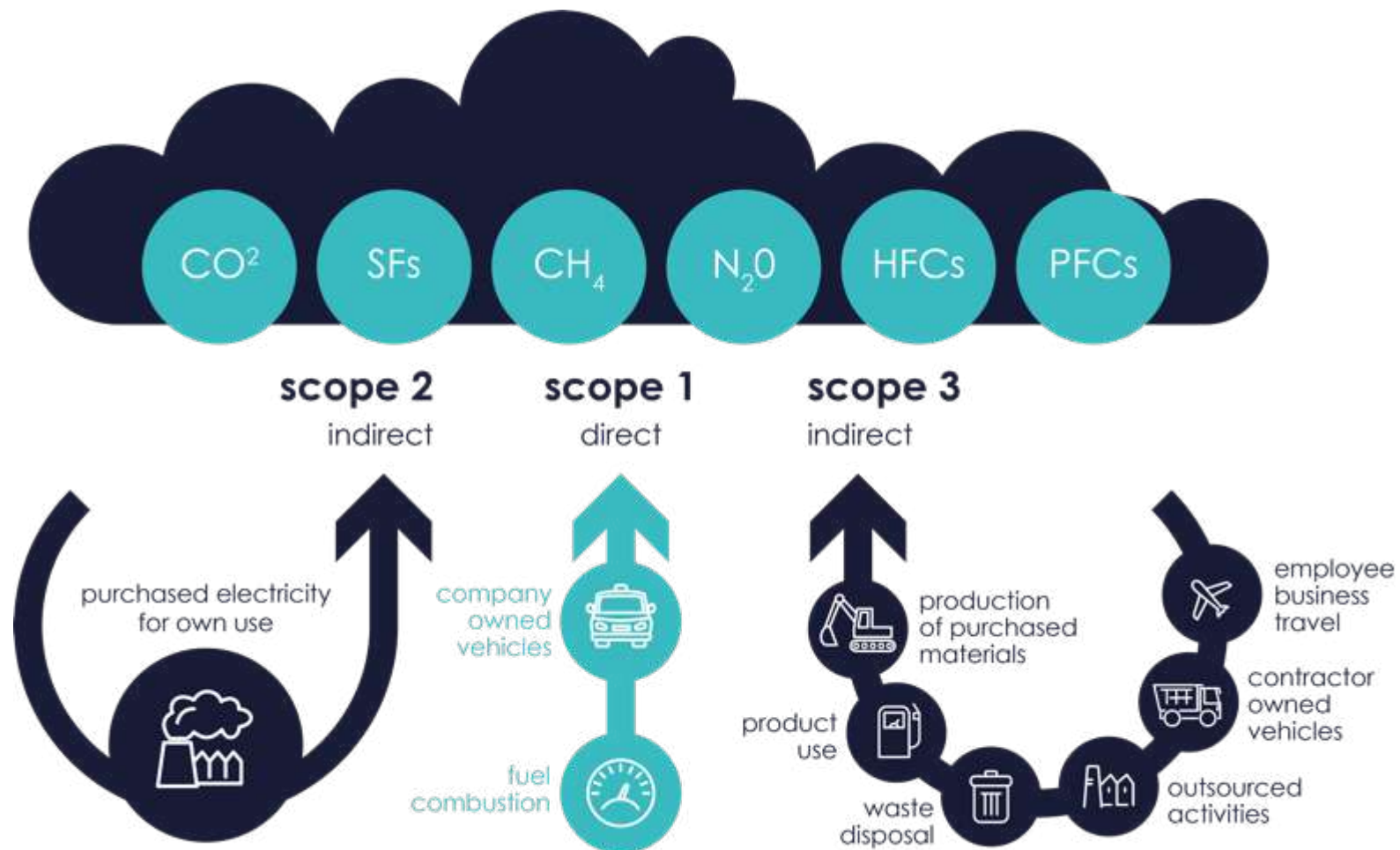


Understanding what **emissions** you produce and developing a net zero roadmap to **reduce** them is the first step.



what are the emissions?

Businesses must first identify emissions and then invest and act to reduce them.



what does net zero mean for me?

The Paris Agreement - to limit global warming to well-below 2°C above pre-industrial levels and pursuing efforts to limit warming to 1.5°C - **and the UK's Climate Change Act mean that:**

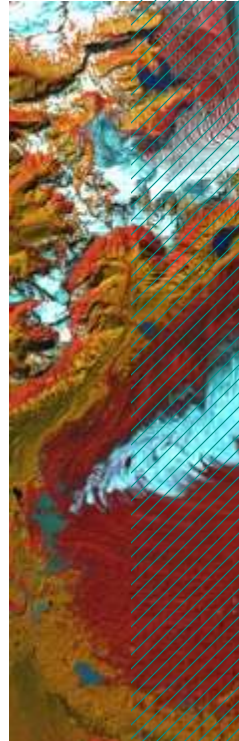
- Governments and regional authorities need to achieve net zero as soon as possible
- All companies will have to achieve net zero as soon as possible
- Responsible companies will act first and most decisively – these companies will reap the greatest benefits



UK net zero emissions laws

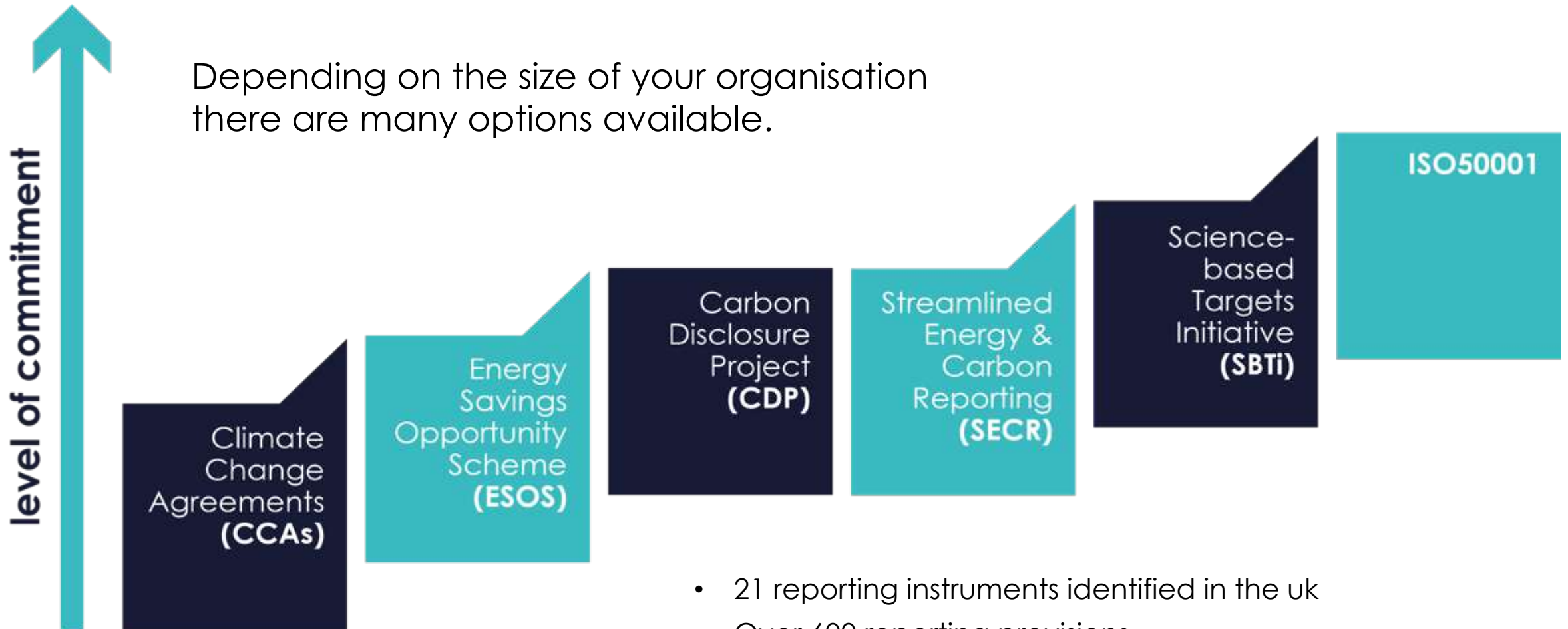
In June 2019, the UK became the first major economy in the world to pass a net zero emissions law.

The target will require the UK to bring all greenhouse gas emissions to net zero by 2050, compared with the previous target of at least **80% reduction from 1990 levels.**



It is one of the most ambitious targets in the world and will require all companies, organisations, and individuals to play their part...

compliance



- 21 reporting instruments identified in the uk
- Over 600 reporting provisions
- Growing prominence of mandatory disclosure requirements

who should have a net zero plan and roadmap?

Businesses are increasingly expected to take responsibility for their impact on the world, and to make it as positive an impact as possible.

Potential investors, customers and employees are evaluating organisations not only on financial performance, but non-financial factors through frameworks such as ESG, Environment, Social and Governance.

Having a net zero plan and roadmap is not just Corporate Social Responsibility (CSR) or ESG strategy, or even ethics, it is core to business strategy. It can make your business more attractive to customers and investors alike, it can reduce risks and it can also reduce costs.



where do I start?

Most companies start by looking at the sources and quantities of scope 1 and 2 emissions and establishing a base line level of emissions.

Using that information, and a target date for achieving net zero, a road map for emissions reductions can be set.

The road map should include clear, quantifiable interim targets, and specific projects and actions to reduce emissions. From a range of options an optimum road map can be drawn taking into account required investment, returns, and available funding.



Audit

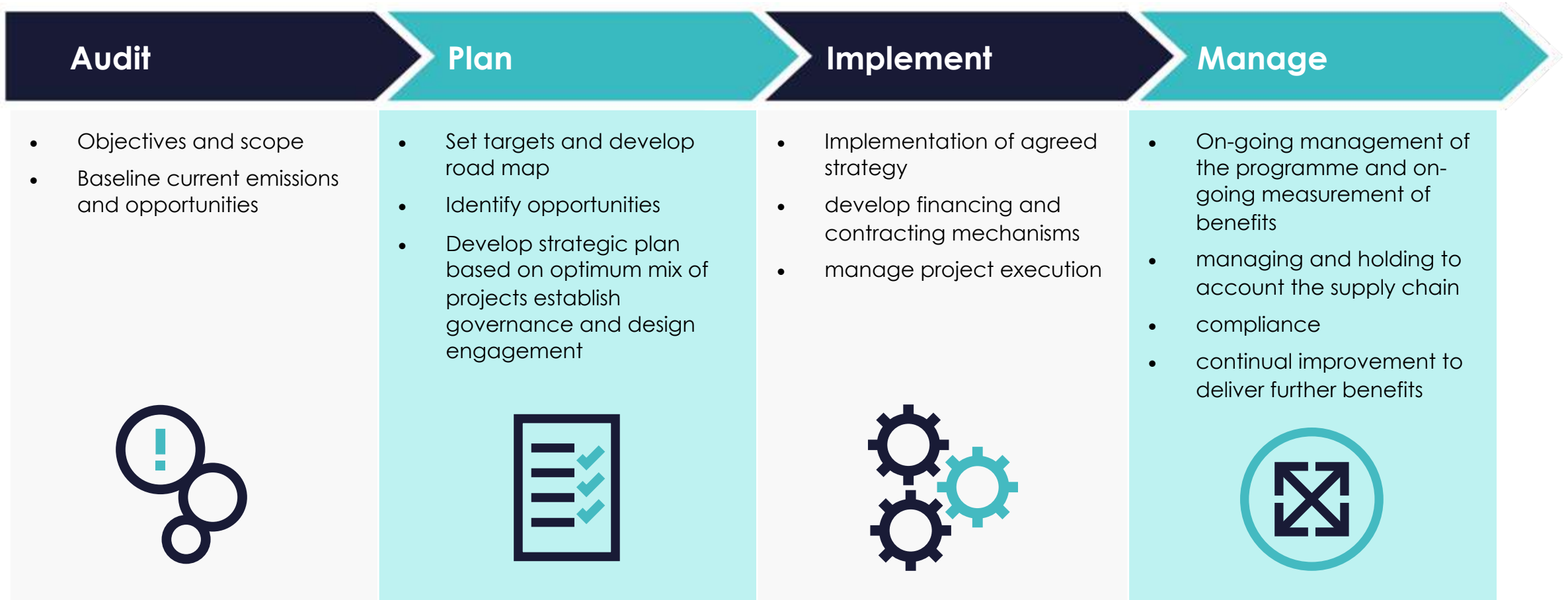
Plan

Implement

Manage

a planned approach

What can seem like an overwhelming project can be broken down into manageable chunks; understanding, planning, implementation and management. The activities in these areas are outlined below.



the importance of getting the right help

“Transitioning to net zero is a big task and it is important to get the right help, a combination of technical knowhow and the ability to develop meaningful plans that can be implemented is essential.

A key focus is reducing energy demand and utilising clean energy, areas we are expert in.

As an organisation, you will also need to encourage a shift in mindset at all levels of the business through effective engagement and we can help you with this too.”

Dr. Steve Fawkes

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