



Independent Healthcare  
Providers Network

# IHPN Net Zero Conference

**Deloitte.**



MDU

  
Gemserv

18 September 2023



# Welcome and update on achievements to date

- David Hare, Chief Executive, IHPN
- Danielle Henry, Assistant Director, Policy and Programmes, IHPN



**Deloitte.**



**MDU**



**Gemserv**

# Update on achievements to date

- Nearly 2 years since IHPN launched its work programme to support members on their organisational journey to net zero - combination of subject matter expertise and sharing of best practice.
- A key part was the voluntary sector wide industry commitment of net zero for scope 1 and 2 by 2035 and scope 3 by 2045 - majority of members having signed up in support.
- Showcases the ambition of independent healthcare providers to get to net zero as fast as possible.
- Much of the work to date has focussed on measuring/baselining as well as practical ways to reduce scope 1 and 2.
- And how to support providers who are part of the NHS England supply chain so that they are fully aware of the timescales and obligations and more recently working with the ABI and insurers
- IHPN published its one year on report [“Clearing the air – How the independent healthcare sector is working to achieve “net zero” by 2035”](#) focussed on the experiences of healthcare providers from across the independent sector in reducing emissions.
- IHPN published a library of [resources](#) which captures all the work to date and will be expanded as the work continues.

# Update on achievements to date

- Best part of the whole work programme is hearing from both clinicians and employees more generally – the way they are creating change, looking differently at what they do, all whilst maintaining the best possible outcomes for patients.
- Work programme will continue to support members with subject matter expertise and the sharing of best practice in relation to scope 1 and 2
- But our thoughts and actions have turned towards the more complex issue of delivering scope 3 and managing supply chains both upstream and downstream.
- Reflected in today's agenda:
  - highlights the importance of the employee voice and how employees can drive change from the bottom up
  - manage your supply chain towards net zero
  - explores how organisations can reduce emissions in relation to their investments
- And coming soon:
  - A session with Dr Hugh Montgomery, Professor of Intensive Care Medicine at UCL and founding member of the UK Climate and Health Council – virtual meeting 28 February 2024
  - Green Healthcare Leadership Programme, codeveloped by the Florence Nightingale Foundation and Nuffield Health – applications for the second cohort closing soon



# Agenda

- **Welcome and update on achievements to date** – David Hare, Chief Executive, IHPN and Danielle Henry, Assistant Director, Policy and Programmes, IHPN
- **Keynote speaker: The challenge facing healthcare providers and clinicians** - Dr Jonny Groome, Consultant in Paediatric Anaesthesia
- **Session 1: How can you effectively manage your supply chain towards net zero, and how can clinicians and employees more generally drive change from the bottom up**
  - Richard Hilson, Gemserv, Principal Consultant for Corporate Sustainability
  - Alex Hammond, NHS England, Head of Sustainable Procurement and Supply Chain

**The employee voice** – Rachael Brown, Nuffield Health and Brittany Bowen, InHealth (both participants of the Green Healthcare Leadership Programme)

  - Richard Hilson, Gemserv, Principal Consultant for Corporate Sustainability
  - Mauvena Rowe-Mason, London Bridge Hospital, Clinical Duty Manager
- **Coffee/tea**
- **Session 2: Sustainable investment – where do you start and what does good look like**
  - Ido Eisenberg, Sustainable Investment Deloitte
  - Anthony Wright, Chief Financial Officer, Medical Defence Union

Networking drinks



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Providers Network


# Dr Jonny Groome Consultant in Paediatric Anaesthesia

Keynote speaker:

The challenge facing healthcare  
providers and clinicians



# Working together towards a healthy environment



Jonny Groome

Associate Medical Lead, Nuffield Health

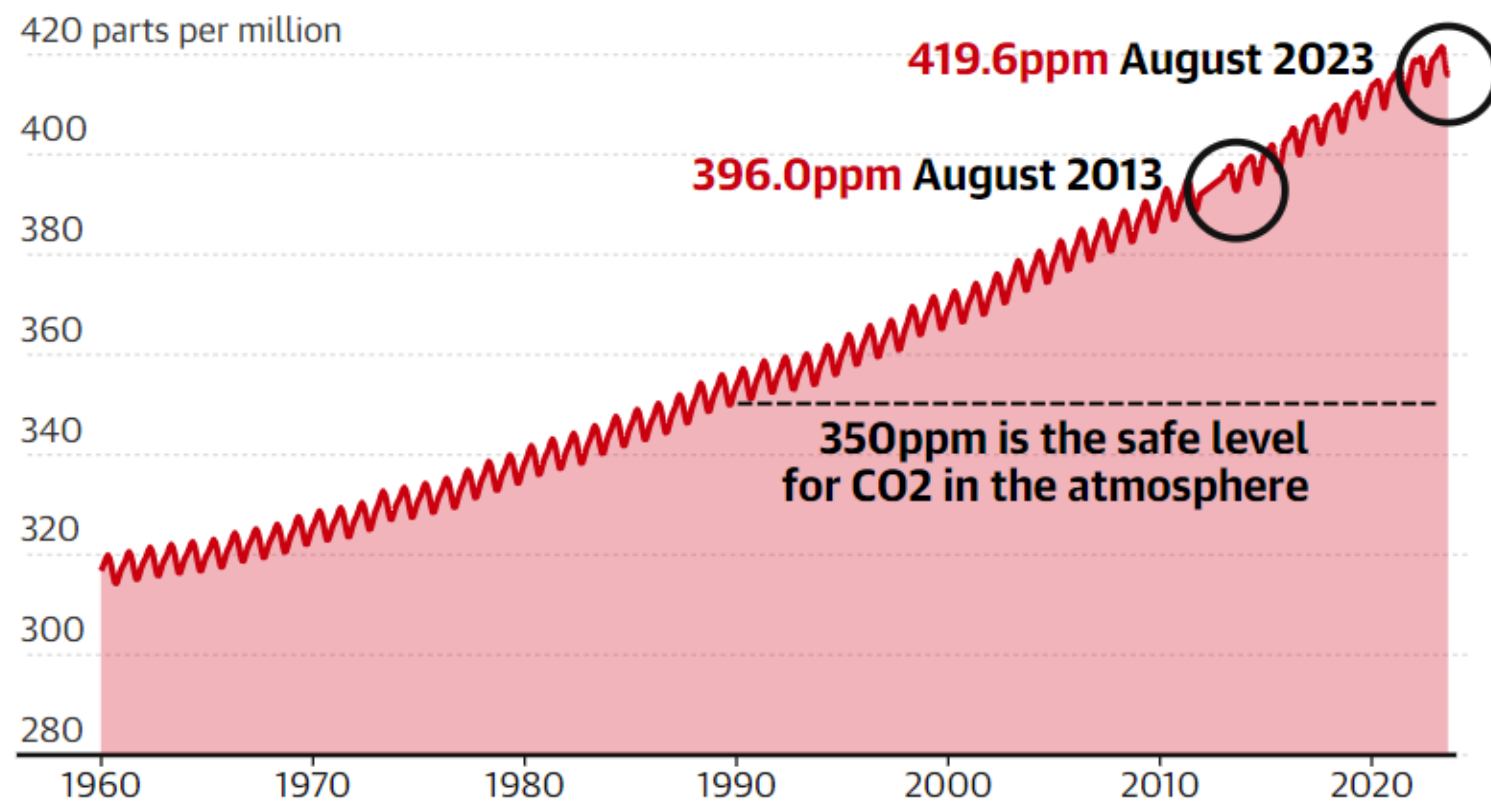
Anaesthetic Consultant



**The  
Guardian**

**'Off-the-charts records':  
has humanity finally  
broken the climate?**

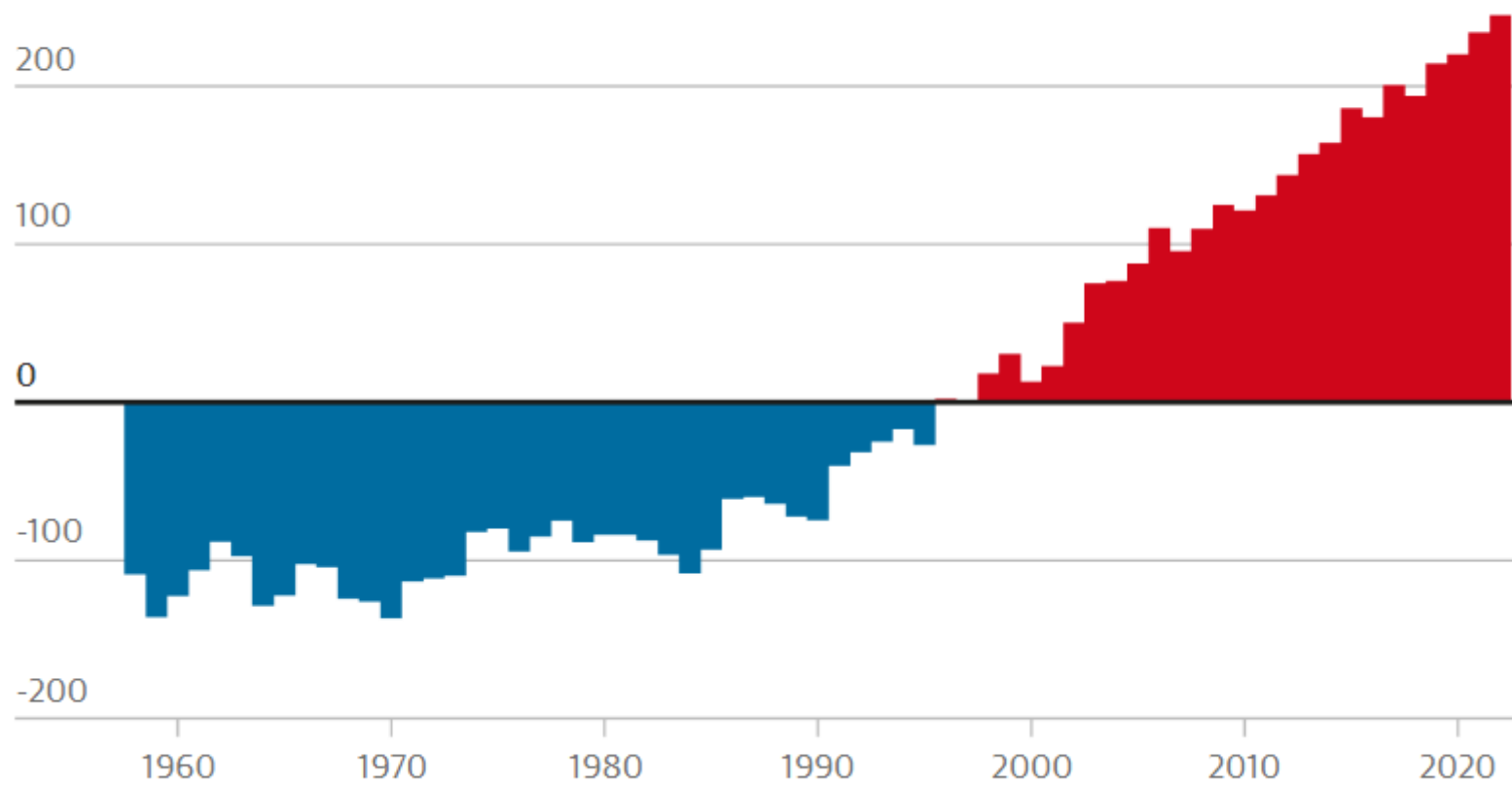
## Atmospheric CO<sub>2</sub> currently measures **419.6 parts per million**



Guardian graphic. Source: NOAA, global CO<sub>2</sub>, updated on 29 August 2023. Chart baseline is 280ppm - the preindustrial average. Label number is the trend, not cycle, value.

## The climate crisis heated the oceans to a new record in 2022

Ocean heat content in upper 2,000 metres relative to 1981-2010 average (zettajoules)

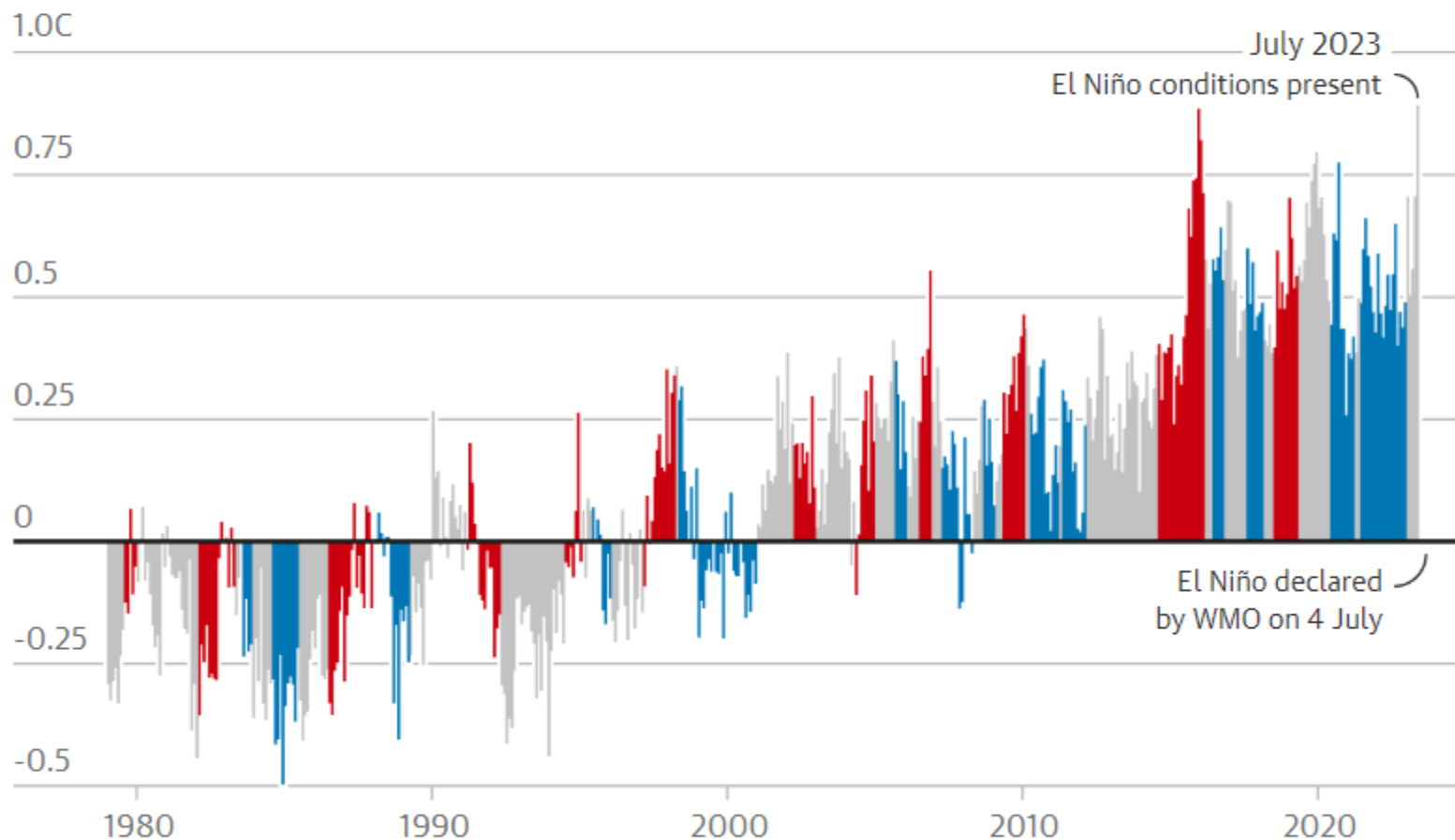


Guardian graphic. Source: Cheng et al, Advances in Atmospheric Sciences, 2023

## El Niño tends to raise global temperatures whereas La Niña suppresses them

Monthly global surface air temperature anomaly from monthly average, 1981-2010

■ El Niño phase ■ La Niña phase ■ Neutral phase



Guardian graphic. Source: Copernicus/ERA5. Note: NOAA only classifies events as El Niño after five consecutive months of temperatures above a threshold of +0.5°C in the Niño 3.4 region of the Pacific Ocean

Climate science's projections are pretty robust over the last decades. Unfortunately, humanity's stubbornness to spew out ever higher amounts of greenhouse gases has also been pretty robust.

Prof Malte Meinshausen, University of Melbourne, Australia.

The impacts are frighteningly more impactful than I - and many climate scientists I know - expected.

Prof Krishna AchutaRao, Indian Institute of Technology.

Changes in hazards have not been underestimated at global scale. But the impacts have been underestimated because we are much more vulnerable than we thought - our vulnerability is smacking us in the face.

Dr Christophe Cassou, a CNRS researcher at the Université Paul Sabatier Toulouse III, in France



# THE LANCET

October, 2022

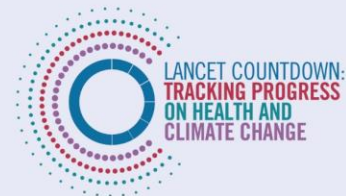
[www.thelancet.com](http://www.thelancet.com)

## The 2022 report of the *Lancet* Countdown on health and climate change



Sas Ponchaiang/EyeEm/Getty Images

"Countries and companies continue to make choices that threaten the health and survival of people in every part of the world...At this critical juncture, an immediate, health-centred response can still secure a future in which world populations can not only survive, but thrive."



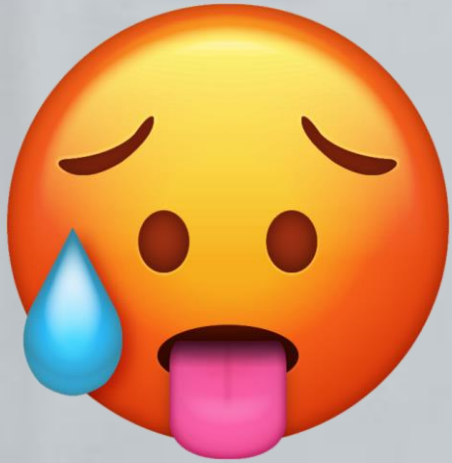
**Heat related deaths  
in >65s have  
increased by 68%**

470 billion hours of  
lost work ☀  
\$669 billion





155% increase in  
negative  
comment related  
to heatwaves



## Air Pollution & Increasing Allergens

Asthma, allergies, cardiovascular and respiratory diseases

## Degraded Living Conditions & Social Inequities

Exacerbation of racial and health inequities and vulnerabilities, loss of employment

## Extreme Heat

Heat-related illness and death, cardiovascular failure

Rising Temperatures



## Changes In Vector Ecology

Lyme disease, West Nile Virus, hantavirus, malaria, encephalitis

## Drought

Water supply impacts, dust storms, Valley Fever

Increasing GHG Levels



## Food System Impacts

Malnutrition, food insecurity, higher food prices, foodborne illness

More Extreme Weather



# IMPACTS OF CLIMATE CHANGE ON HUMAN HEALTH

Rising Sea Levels



## Severe Weather & Floods

Injuries, fatalities, loss of homes, indoor fungi and mold

Stress, anxiety, depression, sense of loss, post-traumatic stress disorder, strains on social relationships

## Wildfires & Wildfire Smoke

Injuries, fatalities, loss of homes, cardiovascular and respiratory diseases

## Water Quality Impacts

Harmful algal blooms, campylobacteriosis, cryptosporidiosis, leptospirosis

CDPH (Adapted from CDC, J. Patz)





46 Million Healthcare Workers







# Delivering a 'Net Zero' National Health Service

- for the emissions we control directly (the NHS Carbon Footprint), net zero by 2040, with an ambition to reach an 80% reduction by 2028 to 2032
- for the emissions we can influence (our NHS Carbon Footprint Plus), net zero by 2045, with an ambition to reach an 80% reduction by 2036 to 2039.



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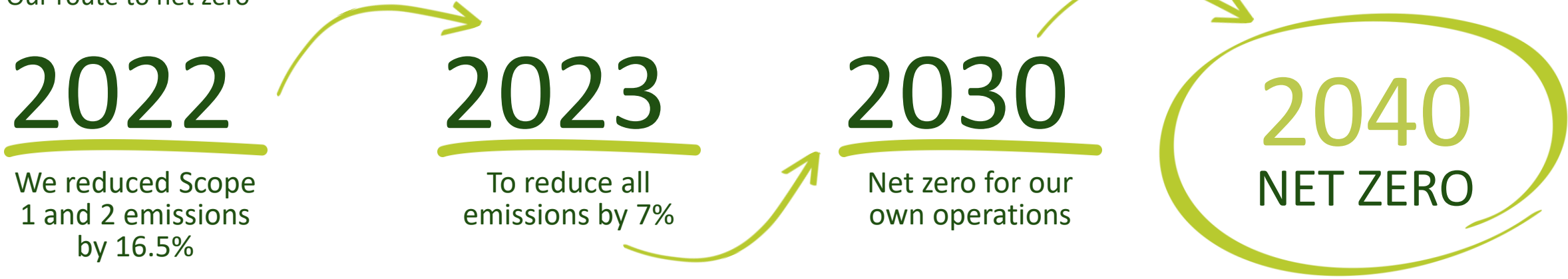
# Clearing the air

How the independent healthcare sector  
is working to achieve “net zero” by 2035




# Healthy environment


Our route to net zero



To help us achieve net zero by 2040, we're focusing our actions on four key strategic areas:




**Property and operations**  
Investing in our infrastructure and getting the basics right, to drive efficiencies across our estate



**People**  
Driving behavioural change and equipping our people with the knowledge and skills to help us reduce emissions



**Procurement**  
Working with our suppliers to understand their carbon footprint and ensure their practices are aligned to ours



**Greener surgery**  
Focusing on care pathways and delivery models to reduce our environmental impact, whilst maintaining quality

# Key sustainability projects 2023



Property and operations



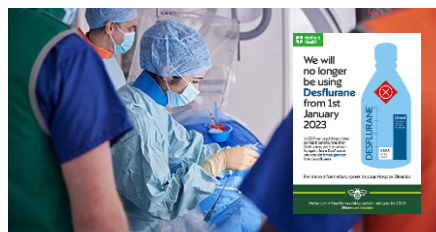
People



Procurement



Greener surgery



## Removal of Desflurane

In October, we stopped the procurement of Desflurane and stopped all usage across our 37 hospitals from January 2023.



## Leaders in sustainability

Nurses graduated from our first ever Green Healthcare Leaders programme, co-developed with the Florence Nightingale Foundation



## Reducing paper and print

By reducing what we print and switching to digital solutions we'll create more sustainable collateral.



## Upgrading BMS at sites

We're upgrading Building Management Systems at our sites to drive operational efficiencies leading to a reduction in energy usage



## Reusable sharps boxes

Reusable sharps bins will be rolling out across our hospitals and can be used up to 600 times before replacing as opposed to single use.



## Recycling campaign

We're launching a beneficiary facing recycling campaigns at all sites, including new bins and signage.



## Clinical waste campaign

Our campaign in our hospitals is focusing on the segregation and disposal of clinical waste, to lessen our impact on the environment.



## Removal of couch roll

Following a successful trial at Warwick Hospital, we are removing Blue couch roll in hospitals and clinics in 2023



## Theatre ventilation

Working with other organisations we will be researching the energy impact of closing theatres overnight with a controlled trial.



## Supplier engagement

We're surveying our suppliers to understand the carbon emissions of our supply chain together to procure greener products.



# Collaboration



# Communication

# Coordination



## Net zero supplier roadmap

- **From April 2022:** all NHS procurements will include a minimum 10% net zero and social value weighting. The [net zero and social value guidance for NHS procurement teams](#) will help unlock health-specific outcomes (building on [PPN 06/20](#)).
- **From April 2023:** for all contracts above £5 million per annum, the NHS will require suppliers to publish a Carbon Reduction Plan for their UK [Scope 1 and 2](#) emissions and a subset of scope 3 emissions as a minimum (aligning with [PPN 06/21](#)). The [Carbon Reduction Plan \(CRP\) requirements for the procurement of NHS goods, services and works guidance](#) outlines what will be required of suppliers and how it will be implemented.
- **From April 2024:** the NHS will extend the requirement for a Carbon Reduction Plan to cover all procurements.
- **From April 2027:** all suppliers will be required to publicly report targets, emissions and publish a Carbon Reduction Plan for global emissions aligned to the NHS net zero target, for all of their Scope 1, 2 and 3 emissions.
- **From April 2028:** new requirements will be introduced overseeing the provision of carbon foot printing for individual products supplied to the NHS. The NHS will work with suppliers and regulators to determine the scope and methodology.
- **From 2030:** suppliers will only be able to qualify for NHS contracts if they can demonstrate their progress through published progress reports and continued carbon emissions reporting through the Evergreen sustainable supplier assessment.











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## Effectively managing your supply chain towards net zero, and how clinicians and employees drive change from the bottom up

- Richard Hilson, Genserv, Principal Consultant for Corporate Sustainability
- Alex Hammond, NHS England, Head of Sustainable Procurement and Supply Chain



# IHPN NET ZERO CONFERENCE

## NET ZERO AND SCOPE 1, 2 AND 3 INTRODUCTION

RICHARD HILSON, PRINCIPAL CONSULTANT, CORPORATE SUSTAINABILITY



**Gemserv**

MAKING THINGS THAT MATTER WORK BETTER FOR EVERYONE



# WHAT IS NET ZERO?



***“Achieving a balance between the carbon emitted into the atmosphere, and the carbon removed from it. This balance – or net zero – will happen when the amount of carbon we add to the atmosphere is no more than the amount removed.”***



- Net Zero by 2050
- 90% reduction in emissions with remainder offset through carbon removals
- Reduction trajectory aligned to Paris agreement / 1.5°C
- Emissions relating to the full value chain

# CARBON NEUTRAL V NET ZERO

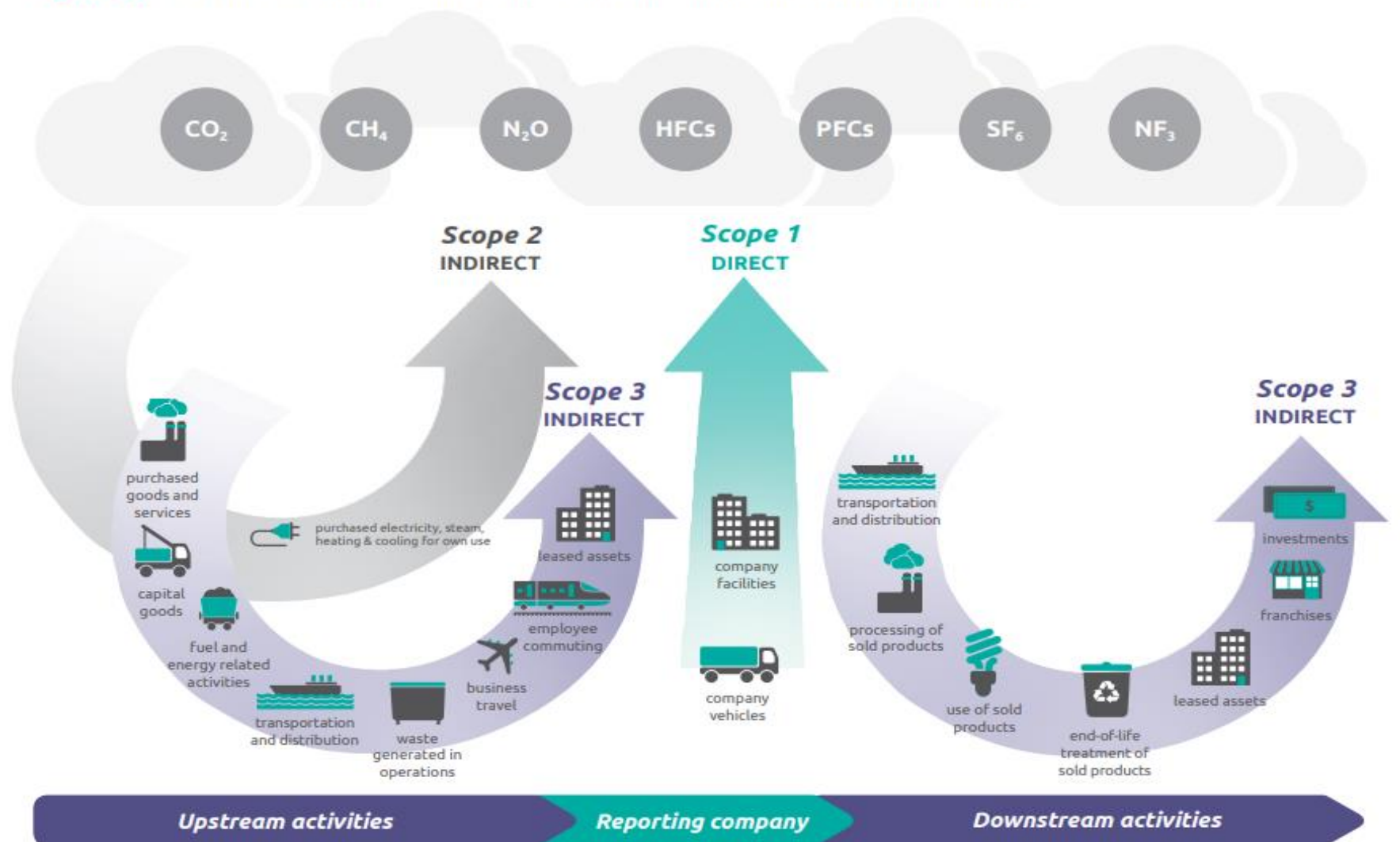


	Carbon Neutral	Net Zero
Definition	Sum of <b>CO<sub>2</sub> emissions</b> produced are balanced or 'offset' – <b>no requirement to reduce absolute emissions</b>	<b>Greenhouse gas emissions</b> are reduced in line with the latest climate science (Paris agreement) and 1.5°C trajectory, offsetting any hard to abate residual emissions
Emissions covered	<b>Scopes 1 &amp; 2</b> , (Scope 3 encouraged)	<b>Scopes 1, 2 and 3</b>
Applicable offsets	Carbon avoidance/reduction credits, and removal credits	<b>Carbon removal credits only</b>
Application of definition	Company, <b>product, or service-level</b>	<b>Global, national</b> or company level

# SCOPE 1,2 & 3 EMISSIONS SOURCES



Figure [1] Overview of GHG Protocol scopes and emissions across the value chain



Source: Figure 1.1 of *Scope 3 Standard*.

Scope 3 emissions:

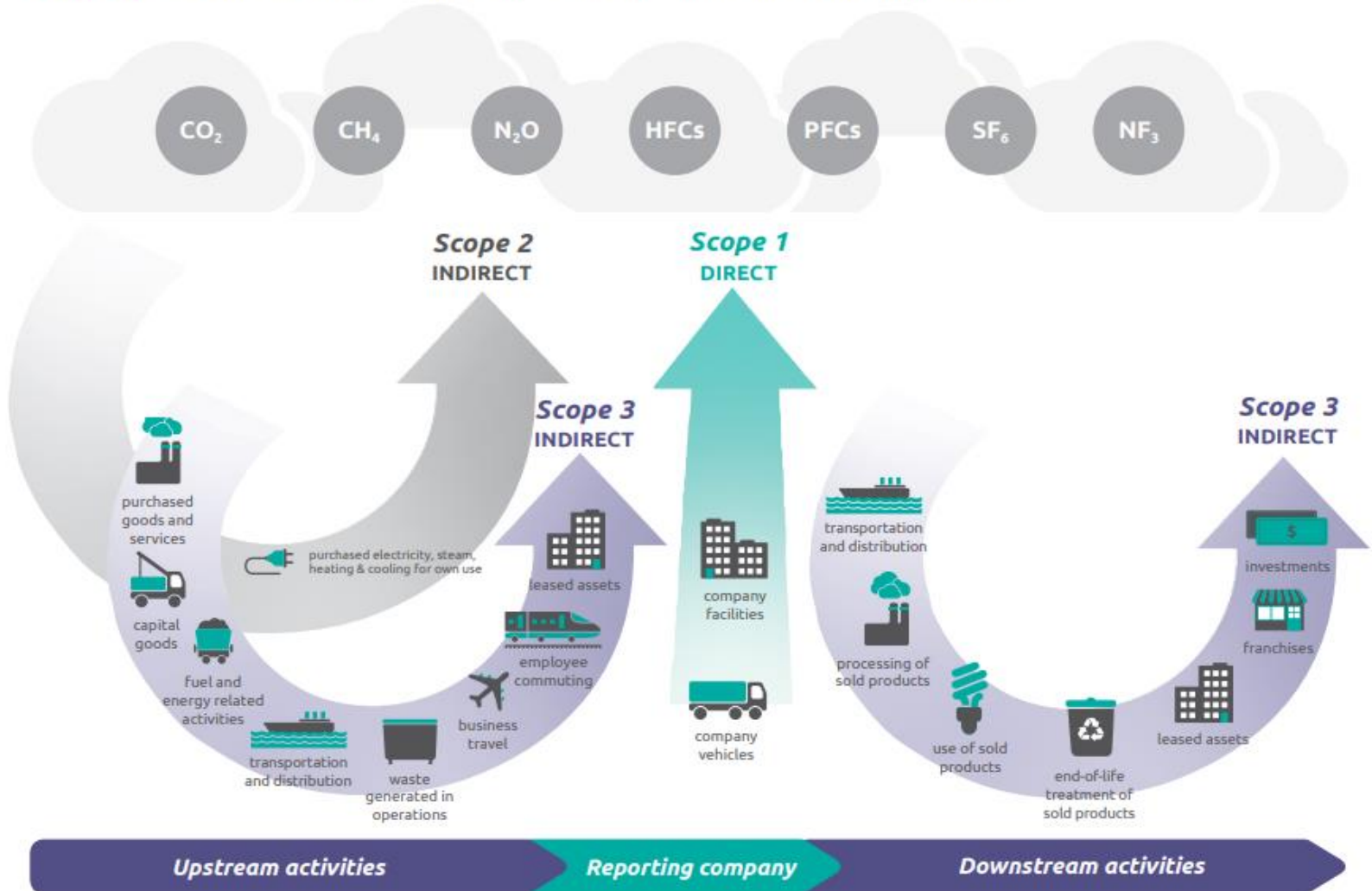
*“Scope 3 emissions are a consequence of the activities of the company, but occur from sources not owned or controlled by the company, including all other indirect emissions that occur in a company’s value chain”*

(Adapted definition from the GHG Protocol Corporate accounting and reporting standard)

# LEVELS OF REPORTING



Figure [I] Overview of GHG Protocol scopes and emissions across the value chain



Source: Figure 1.1 of Scope 3 Standard.

**Streamlined Energy and Carbon Reporting (SECR):**

- Scope 1 & 2
- Part of Business Travel

**PPN 06/21 Carbon Reduction Plans:**

Upstream and Downstream Transportation & Distribution	Waste Generated in Operations	Business Travel	Employee Commuting

**Estimated on average a company's supply chain produces more than**

**11.4x**

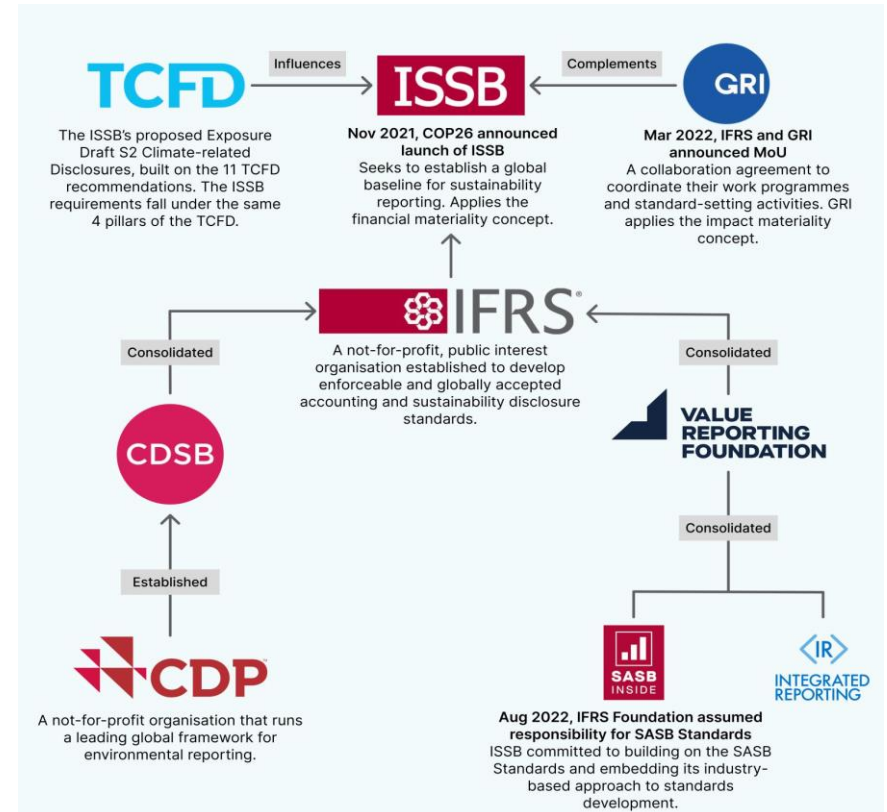
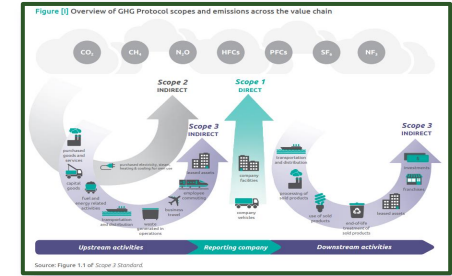
**The emissions of its own operations**



# DISCLOSURE REQUIREMENTS



GHG emissions (varying Scope 3) reporting and climate-related supply chain risk



# DISCLOSURE REQUIREMENTS – UPCOMING...

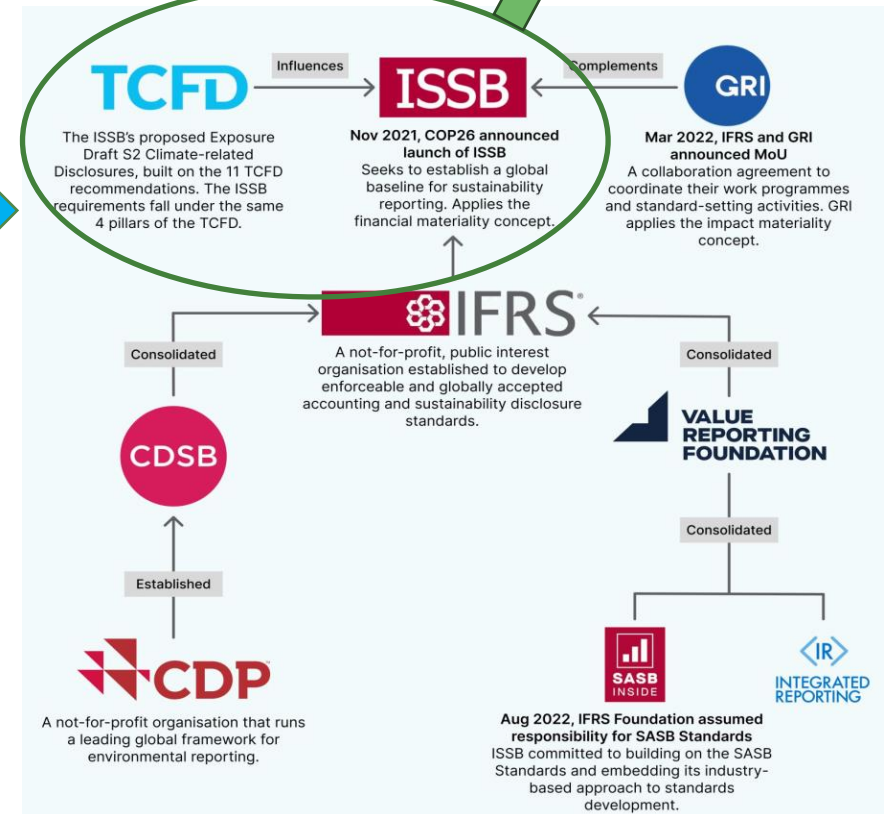
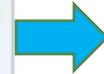
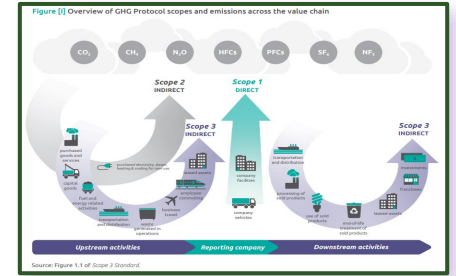


Including full **Scope 3 reporting** and climate-related supply chain risk

**New EU driven directives upcoming...!!**

**Corporate Sustainability Reporting Directive (CSRD)**

**Corporate Sustainability Due Diligence Directive (CSDDD)**



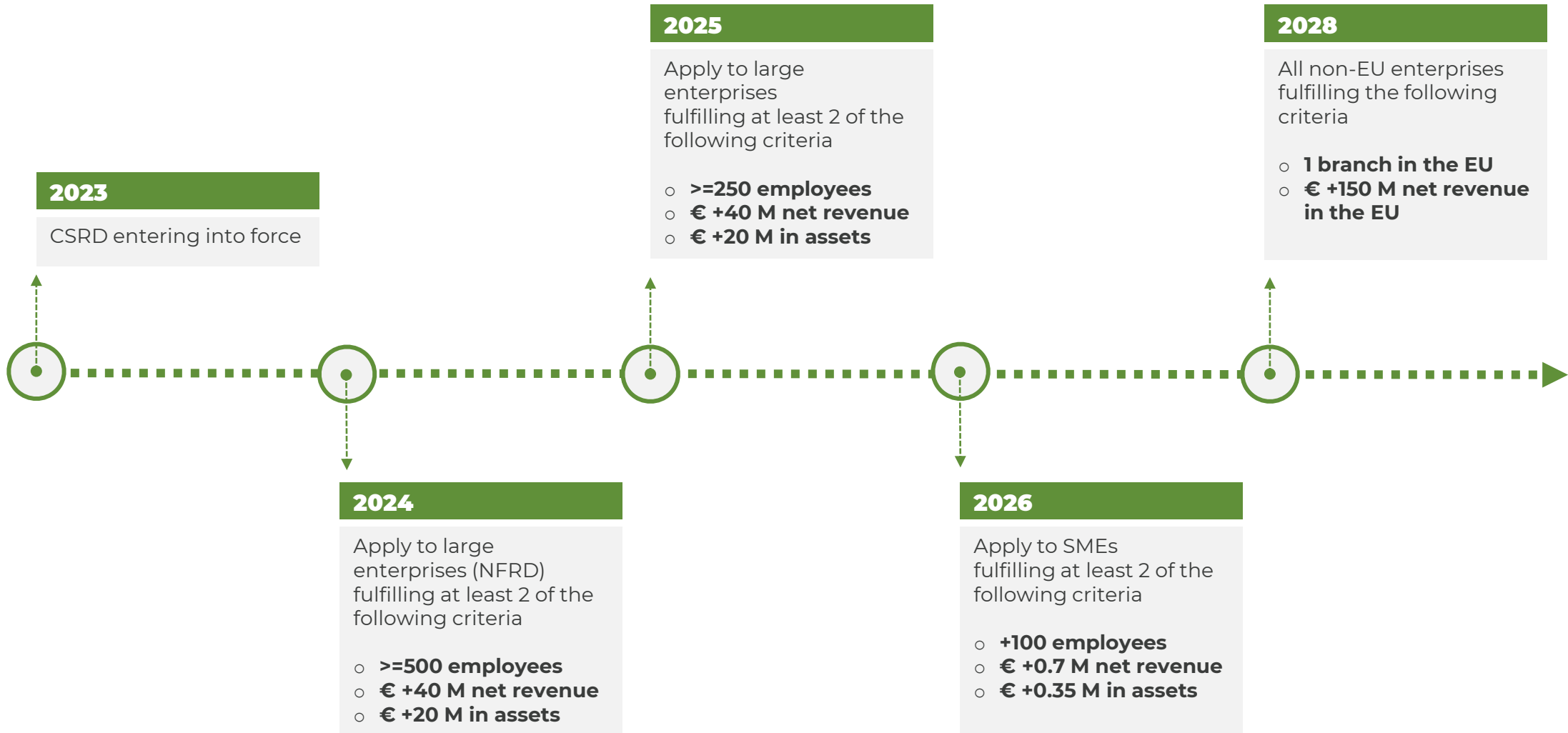
# CSRD / ESRS



ESRS E1

CLIMATE CHANGE

Disclosure Requirement E1-6 – Gross Scopes 1, 2, 3 and Total GHG emissions



# NHS NET ZERO SUPPLIER ROADMAP



## Net Zero Supplier Roadmap



2022

From April 2022, all NHS procurements will include a minimum 10% net zero and social value weighting. The [net zero and social value guidance for NHS procurement teams](#) will help unlock health-specific outcomes (building on [PPN 06/20](#)).

2023/24

From April 2023, for all contracts above £5 million per annum, the NHS will require suppliers to publish a carbon reduction plan for their UK scope 1 and 2 emissions and a subset of scope 3 emissions (aligning with [PPN 06/21](#)).

From April 2024, the NHS will require a carbon reduction plan for all new procurements.

2027

From April 2027, all suppliers will be required to publicly report targets, emissions and publish a carbon reduction plan for global emissions aligned to the NHS net zero target, for all of their Scope 1, 2 and 3 emissions.

2028

New requirements will be introduced overseeing the provision of carbon foot printing for individual products supplied to the NHS. The NHS will work with suppliers and regulators to determine the scope and methodology.



# NHS EVERGREEN ASSESSMENT



Available to all NHS suppliers to use on a voluntary basis

<p><b>Level 3: Influencer</b> Leaders in sustainability</p>	<p><i>All of level 2, plus:</i></p> <ul style="list-style-type: none"> <li>• Recognised high performer via global sustainability reporting platform</li> <li>• Must publicly set targets that are independently validated</li> <li>• Targets must be provided for the global reporting entity and must be net zero across all scopes by 2045</li> <li>• Must publicly share emissions that are verified by an independent third party</li> </ul> <p><i>And at least one of the following:</i></p> <ul style="list-style-type: none"> <li>• Demonstrates collaborative participation with fellow suppliers</li> <li>• Demonstrates collaborative participation with the NHS</li> <li>• Embeds circular economy principles in products and services</li> <li>• Measures the carbon footprint of products and services and shares that with the NHS</li> <li>• Shows leadership across the UN Sustainable Development Goals (SDGs)</li> </ul>
<p><b>Level 2: Mature</b> Comprehensive targets, plans, and action</p>	<p><i>All of level 1, plus:</i></p> <ul style="list-style-type: none"> <li>• Publicly committed to targets in line with NHS Scope 3 targets</li> <li>• Publicly committed to interim scope 3 target</li> <li>• Publicly published emission reduction plan with carbon across all emissions scopes (1, 2 and 3)</li> <li>• Publicly shares scope 3 emissions</li> </ul>

Evergreen Assessment – Areas for input

Company Information	Regional Emissions Targets	Global Emissions Targets	Emissions and Emissions Verification	Emissions Reduction Plan
Products and Service Carbon Footprinting	Renewable Energy	Electric Fleet	Other Categories	Transparency Reporting





England

# Managing your supply chain

NHS Policy Context

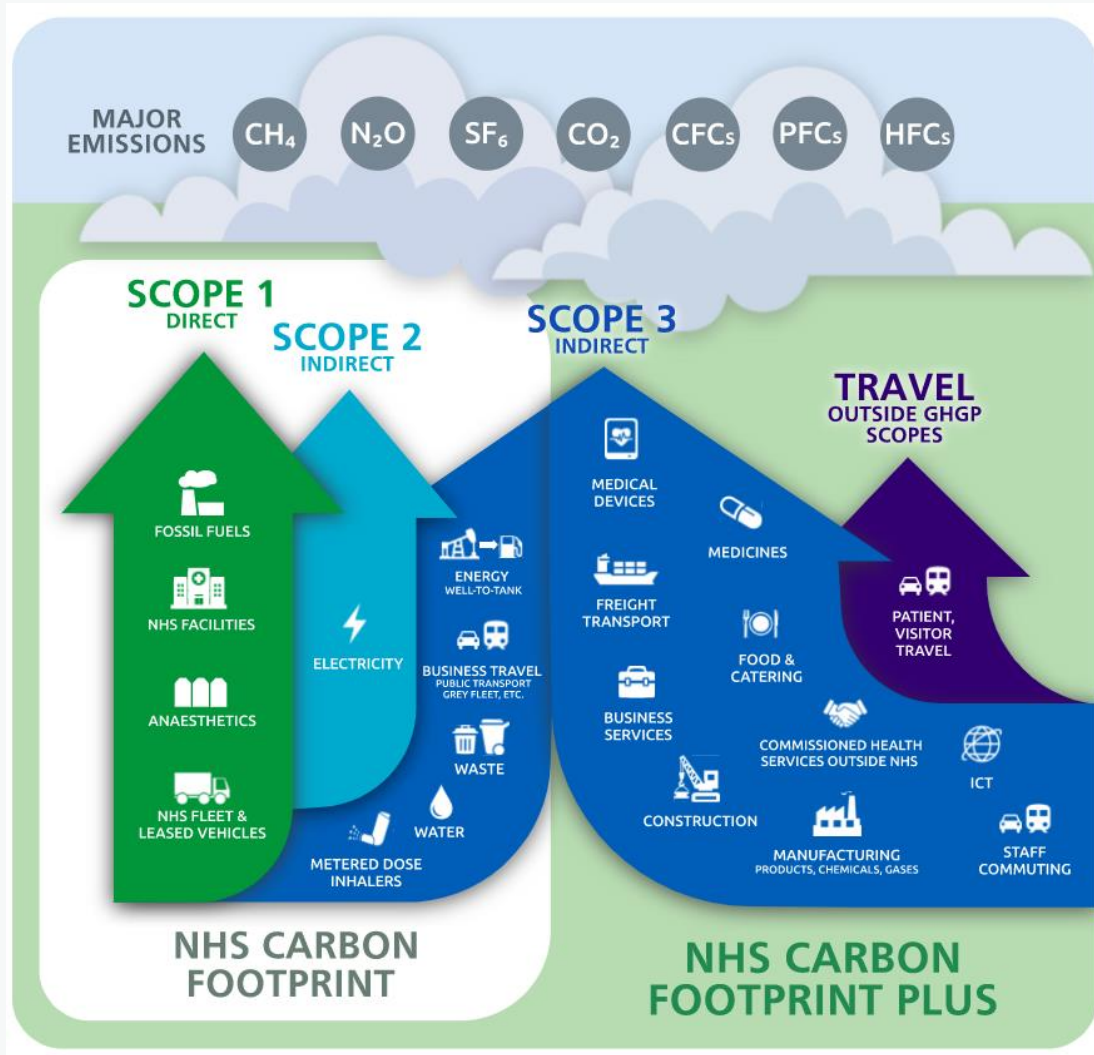
IHPN Net Zero Conference

September 2023

Alexandra Hammond

Head of Sustainable Procurement and Supply Chain

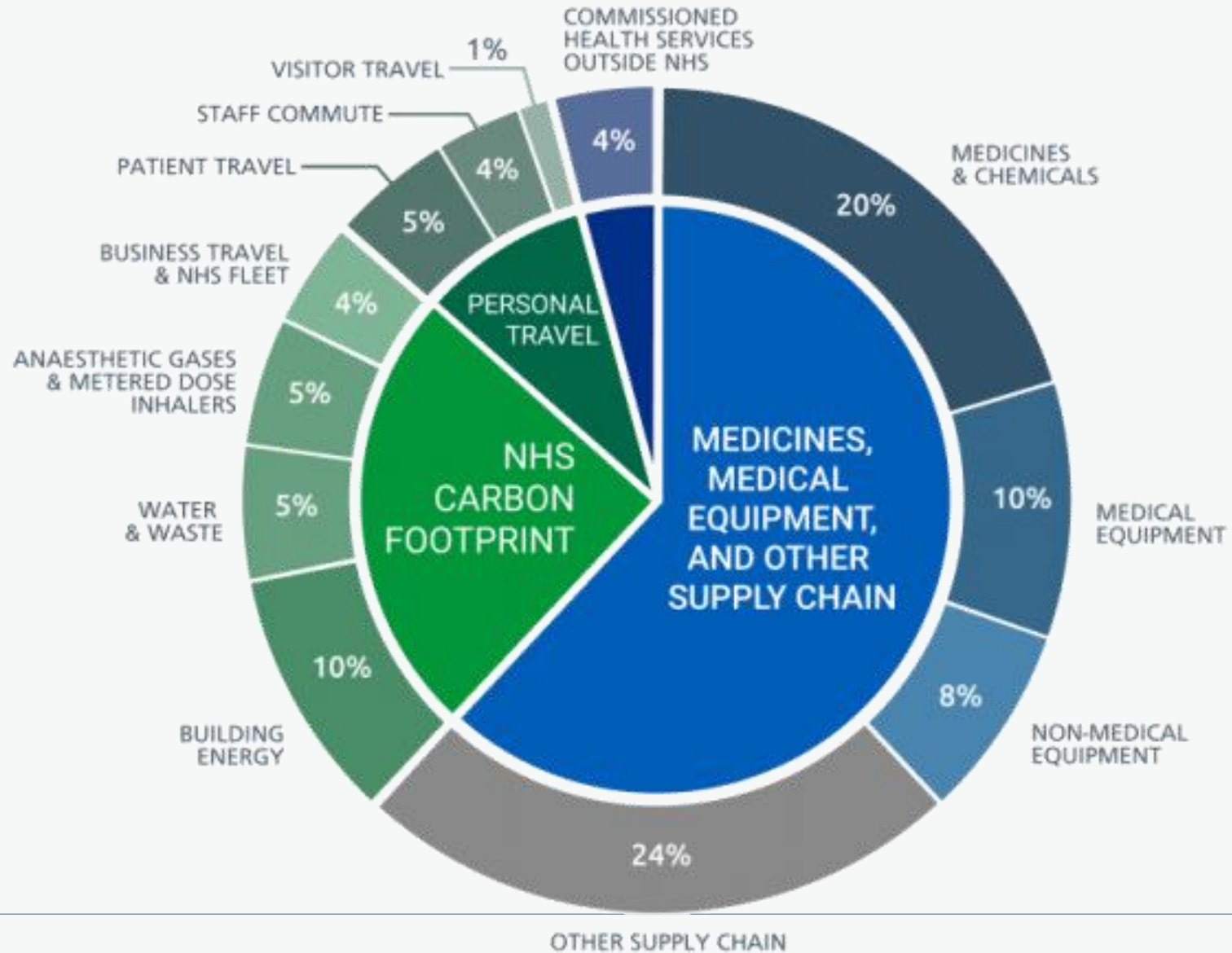
# The NHS Net Zero targets



## Reaching net zero carbon

- **by 2040 for the emissions** (the NHS Carbon Footprint)
  - *with an ambition to reach an **80% reduction**, compared with a 1990 baseline, **by 2028 to 2032.***
- **by 2045 for all emissions**, including those embedded in the supply chain (the NHS Carbon Footprint Plus)
  - *with an ambition for an **80% reduction**, compared with a 1990 baseline, **by 2036 to 2039.***

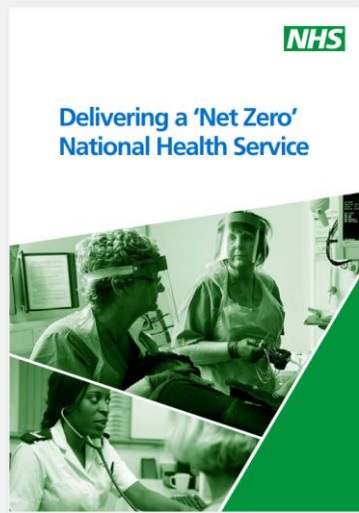
# The NHS carbon footprint





# Developing policy in partnership with suppliers

## An ambitious goal



Since the **NHS committed to reaching Net Zero in 2020**, engagement with suppliers has been key in shaping our policy

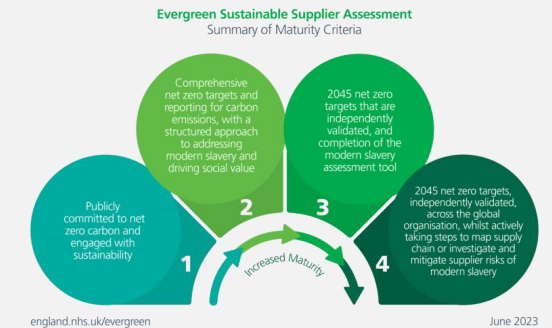
## A clear plan

The team works with stakeholders to set realistic and clear ambitions, including the world-leading **NHS Net Zero Supplier Roadmap**

- 2022** From April 2022, all NHS procurements include a minimum 10% net zero and social value weighting. The [net zero and social value guidance for NHS procurement teams](#) helps unlock health-specific outcomes (building on [PPN 06/20](#)).
- 2023/24** From April 2023, for all contracts above £5 million per annum, the NHS requires suppliers to publish a [carbon reduction plan](#) for their UK Scope 1 and 2 emissions and a subset of scope 3 emissions as a minimum (aligning with [PPN 06/21](#)). From April 2024, the NHS will extend this requirement to cover all procurements.
- 2027** From April 2027, all suppliers will be required to publicly report targets, emissions and publish a carbon reduction plan for global emissions aligned to the NHS net zero target, for all of their Scope 1, 2 and 3 emissions.
- 2028** New requirements will be introduced overseeing the provision of carbon foot printing for individual products supplied to the NHS. The NHS will work with suppliers and regulators to determine the scope and methodology.

## Acting with purpose

The **Evergreen Sustainable Supplier Assessment** guides suppliers and the NHS on our shared sustainability journey and **NHS policy guidance** sets clear parameters for implementation.



# The NHS Net Zero Supplier Roadmap

## Setting clear expectations

2022

From April 2022, all NHS procurements include a minimum 10% net zero and social value weighting. The [net zero and social value guidance for NHS procurement teams](#) helps unlock health-specific outcomes (building on [PPN 06/20](#)).

2023/24

From April 2023, for all contracts above £5 million per annum, the NHS requires suppliers to publish a [carbon reduction plan](#) for their UK Scope 1 and 2 emissions and a subset of scope 3 emissions as a minimum (aligning with [PPN 06/21](#)).

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2027

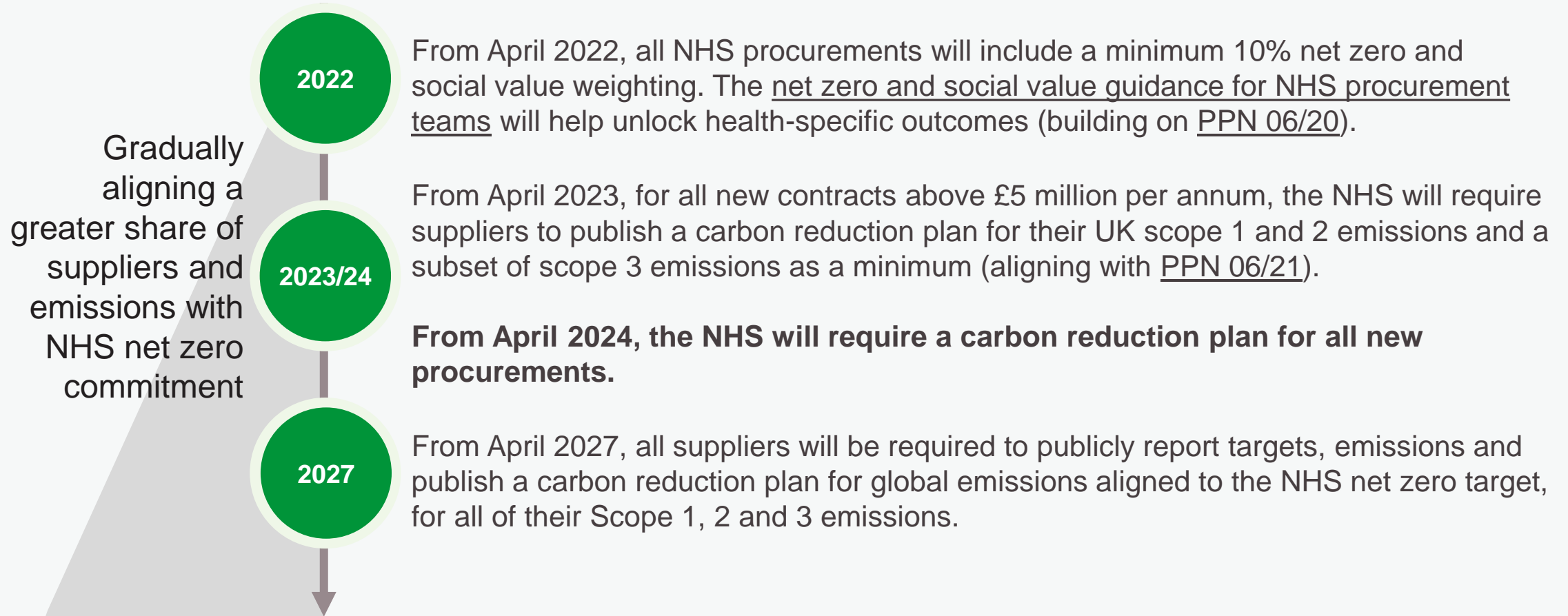
From April 2027, all suppliers will be required to publicly report targets, emissions and publish a carbon reduction plan for global emissions aligned to the NHS net zero target, for all of their Scope 1, 2 and 3 emissions.

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# NHS Net Zero Supplier Roadmap – 2024 policy approach

Context: Preparing the market



# Evergreen Sustainable Supplier Assessment

The Evergreen Sustainable Supplier Assessment is an online tool for suppliers to engage with the NHS on their sustainability journey and understand how to align with the NHS net zero and sustainability ambitions, including those set out in the NHS Net Zero Supplier Roadmap.

A graphic for the Evergreen Sustainable Supplier Assessment. It features a green background on the left with a dark green banner containing the title 'EVERGREEN SUSTAINABLE SUPPLIER ASSESSMENT' in white and light green text. Below the banner, the text 'An online self-assessment and reporting tool for NHS suppliers.' is written in white. On the right, there is a white laptop with a green screen displaying 'Find out more' and the URL 'england.nhs.uk/evergreen'. The NHS logo is positioned in the top right corner of the graphic area.

**EVERGREEN SUSTAINABLE  
SUPPLIER ASSESSMENT**

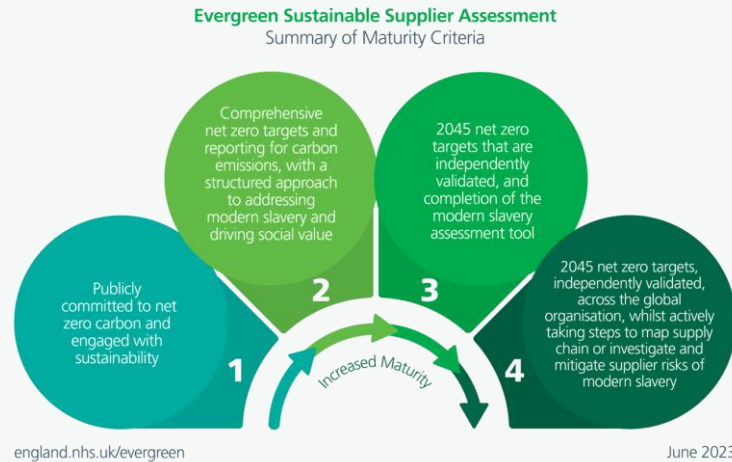
An online self-assessment  
and reporting tool for  
NHS suppliers.

**NHS**

Find out more  
[england.nhs.uk/evergreen](https://england.nhs.uk/evergreen)



# Evergreen Sustainable Supplier Assessment - Engagement



The following provides a summary of engagement figures up to the end of August 2023:

## Supplier Interest

- 246 suppliers actively engaging on Atamis with 14 submitted assessments
- Additional 164 suppliers attended webinars
- Additional 129 suppliers contacted by us either via Atamis or by email

**EVERGREEN SUSTAINABLE SUPPLIER ASSESSMENT**  
**MATURITY CRITERIA MATRIX**

**NHS**

Criteria	Level 1	Level 2	Level 3	Level 4
Environmental measures in effect (e.g. carbon reduction projects)	Required	Required	Required	Required
Scope of net zero target and emissions provided (publicly available)	Scope 1, 2 and a subset of scope 3	Scope 1, 2 and all relevant scope 3	Scope 1, 2 and all relevant scope 3	Global entity and reporting entity, Scope 1, 2 and all relevant scope 3
Geographical boundary of net zero target and emissions provided (minimum)	UK boundary	UK boundary	Global boundary	Global boundary
Net zero target year (minimum and publicly available)	2050	2050	2045	2045
Validation of net zero target and verification of emissions provided	Not required	Not required	Required for reporting entity	Required for reporting entity and global parent company (targets only)
Entity providing target information	Reporting entity	Reporting entity	Reporting entity	Reporting entity and global parent company
Higher performer - transparency reporting (e.g. CDRI, EcoVadis or II Corp)	Not required	Not required	Not required	Required
Public modern slavery statement	As per legislative requirements	Required	Required	Required
Modern Slavery Assessment Tool	As per legislative requirements	As per legislative requirements	Required	Required
Identifying and mitigating modern slavery risks	As per legislative requirements	As per legislative requirements	As per legislative requirements	At least one of the following: - Actively taking steps to map supply chain - Actively investigating incidents and mitigating high risks found
Corporate social value programme	Not required	Required	Required	Required

england.nhs.uk/evergreen June 2023

## NHS Engagement

- 280 NHS staff attended the summer webinar series

# Components of the Assessment

Evergreen offers suppliers the opportunity to showcase their work to address all areas of the NHS programme.

## Net Zero

- Emissions reduction targets and target validation
- Global parent company emission reduction targets and target validation (if different)
- Emissions and emissions verification
- Emissions reduction programmes
- Electric fleet and use of renewable energy
- Sustainable shipping
- Circular economy
- Carbon footprinting approach
- Transparency reporting

## Social Value

- Corporate social value programmes and alignment to the NHS priority areas
- UN Sustainable Development Goals e.g., UN SDGs that form part of corporate strategy and KPIs/metrics of benefits achieved against UN SDGs
- Transparency reporting

## Modern Slavery

- Modern slavery statement
- Supply chain mapping
- Supply chain auditing
- Approach to identifying modern slavery risks and mitigating such risks in supply chain
- Transparency reporting

# Evergreen Assessment – Next Phase

Engagement and ensuring suppliers and the NHS are familiar with Evergreen is are they key immediate priorities.

## Supplier engagement



Fortnightly supplier drop-in sessions continue until end of December



Development of supporting supplier education programme

## NHS Internal engagement



Recorded videos and demos



Access to Atamis for sustainability managers and wider sharing of data

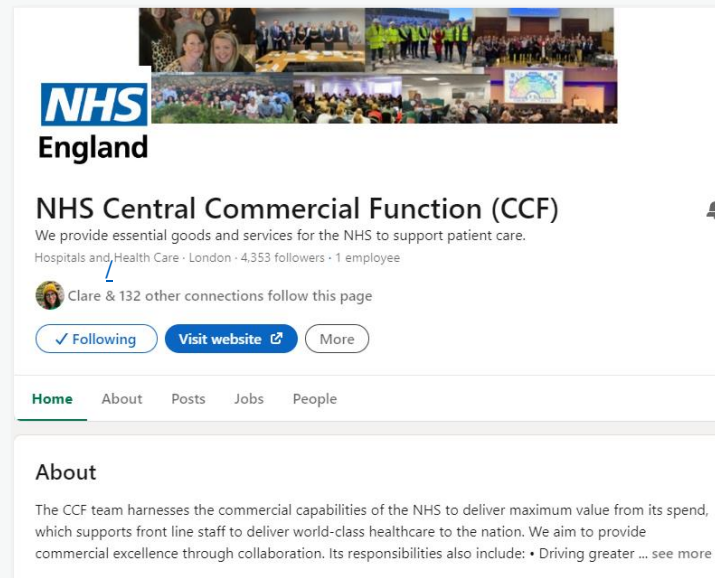


Development of further support resources for use cases

# How to stay in touch

The NHS engages with suppliers through a variety of channels:

- CCF LinkedIn page <https://www.linkedin.com/company/nhs-ccf/>
- Bulletins <https://www.england.nhs.uk/email-bulletins/greener-nhs>
- Webpages <https://www.england.nhs.uk/greenernhs/get-involved/suppliers/>
- Evergreen [NHS England » Evergreen Sustainable Supplier Assessment](#)
- Trade bodies
- Industry sustainability groups
- SME Advisory groups





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## Thank You



[@nhsengland](https://twitter.com/nhsengland)



[company/nhsengland](https://www.linkedin.com/company/nhsengland)



[england.nhs.uk](https://england.nhs.uk)



## Effectively managing your supply chain towards net zero, and how clinicians and employees drive change from the bottom up

- Rachael Brown, Nuffield Health
- Brittany Bowen, InHealth

(both participants of the Green Healthcare Leadership Programme)



# **Sustainability in Healthcare**

**‘From the ground up!’**



- ▶ Rachael Brown - Infection Prevention Lead Nurse - Warwickshire Hospital

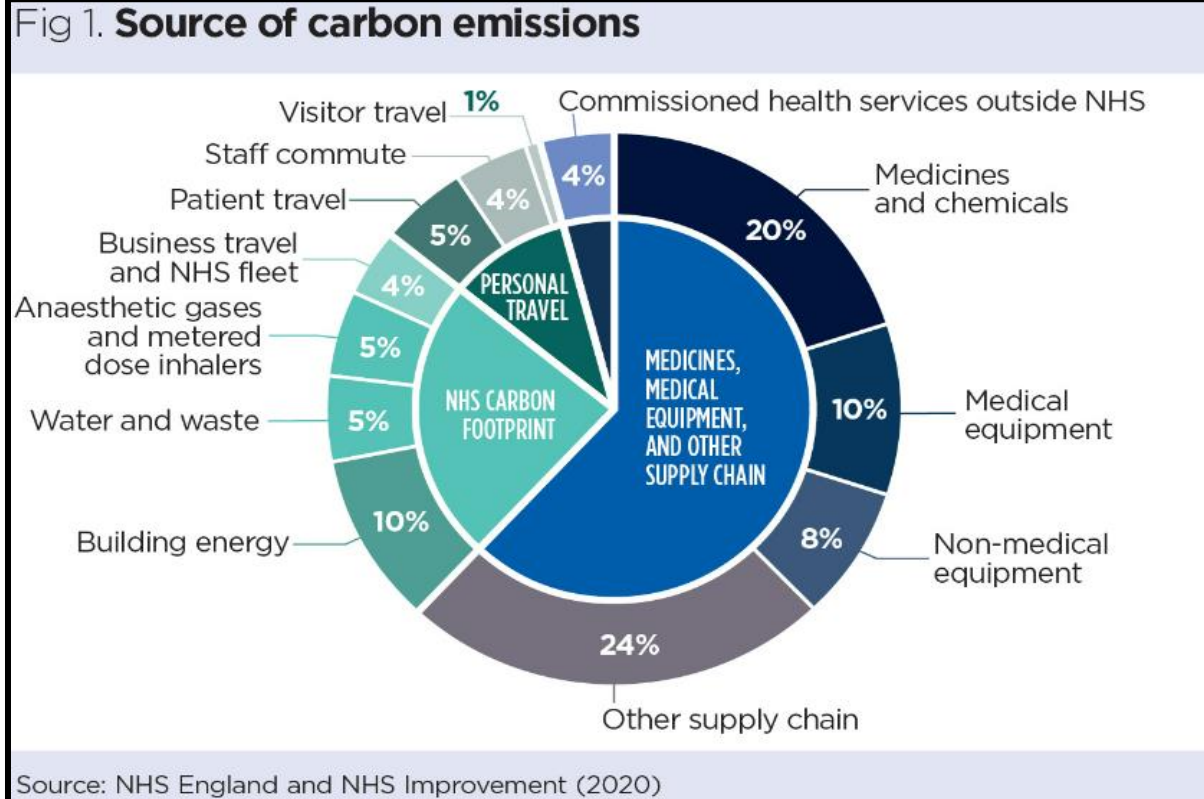
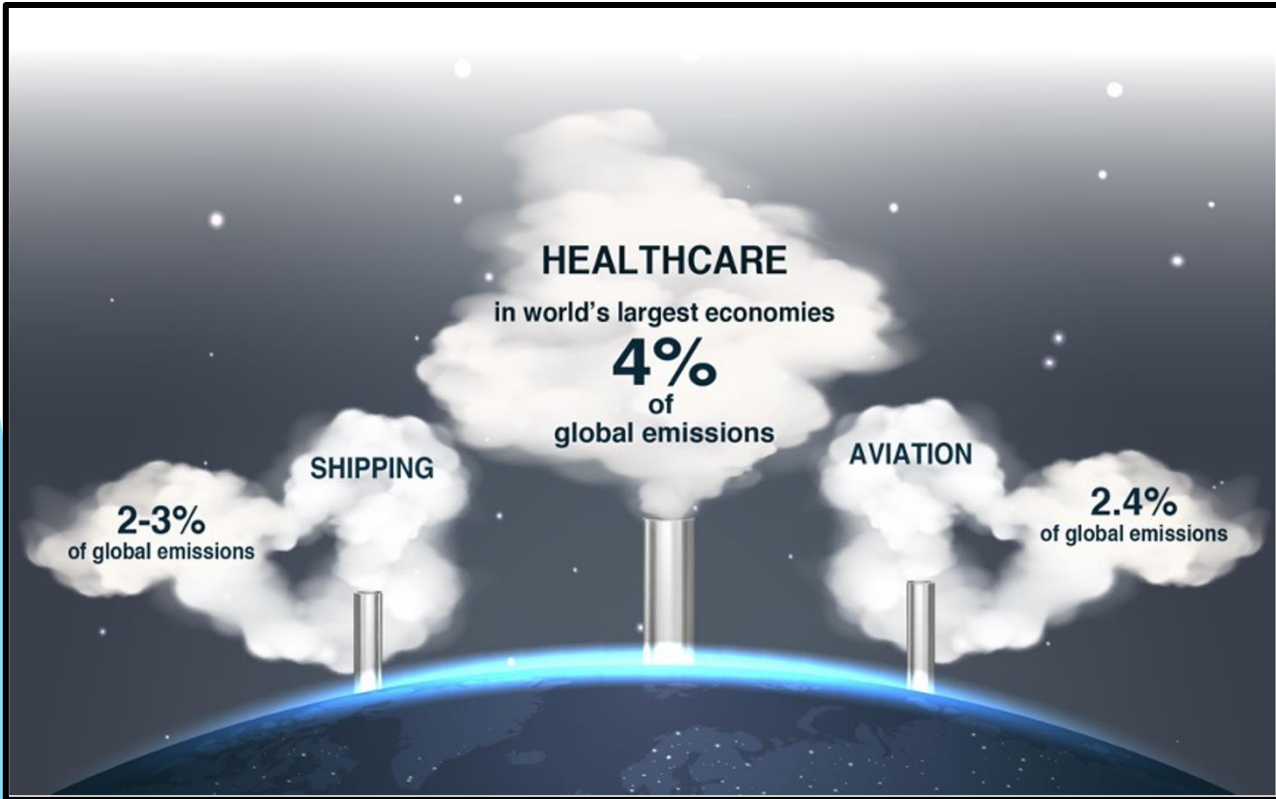


- ▶ Brittany Bowen – Cardiology Clinical Lead – InHealth



# Why are we here?

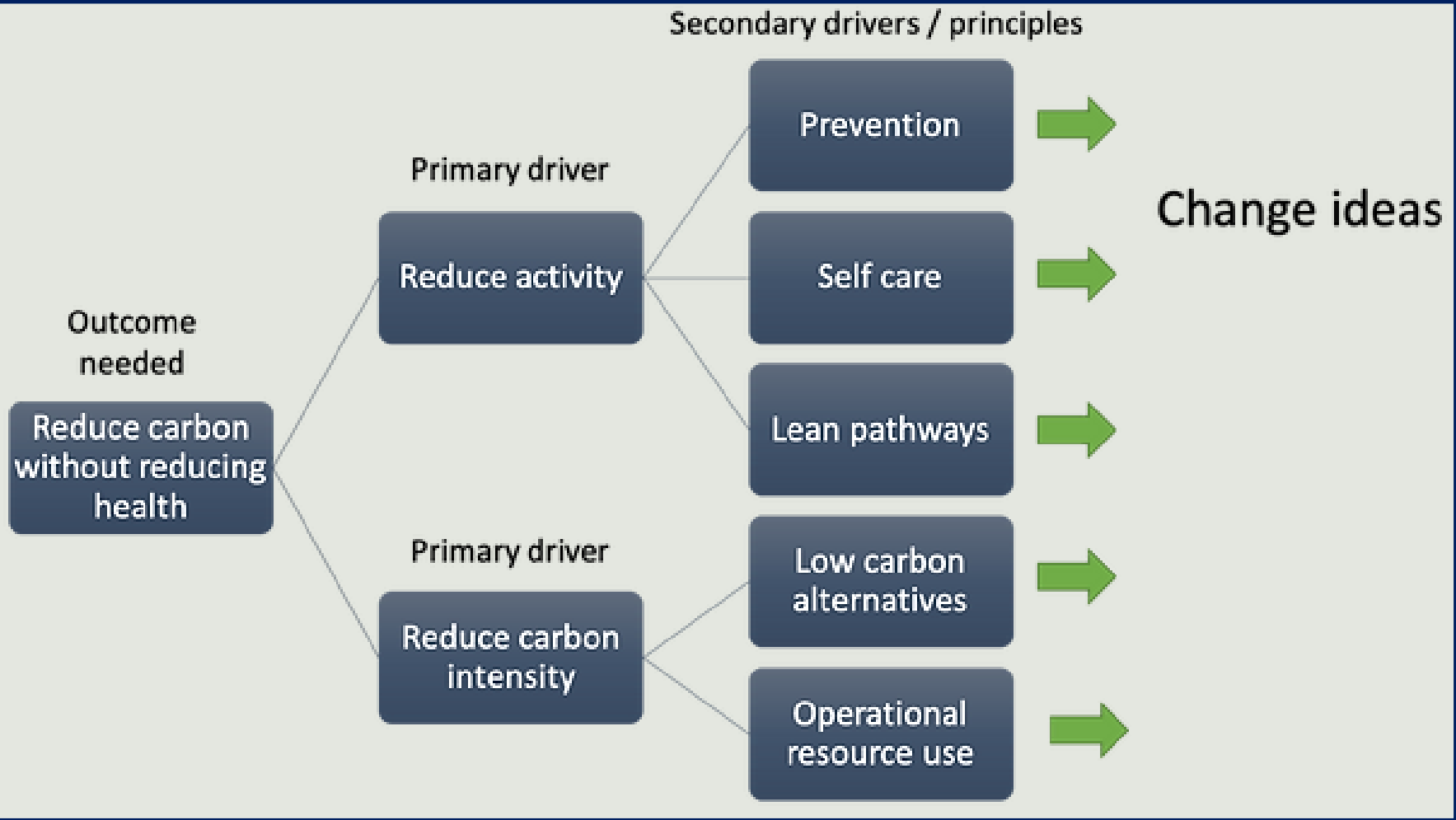
The most dangerous phrase is, "We've always done it this way."



# Leading the change

- ▶ Why it was important for us?
- ▶ Green Healthcare Leadership Programme
- ▶ How we have been change agents?

# Types of Projects



# Access to top down investment

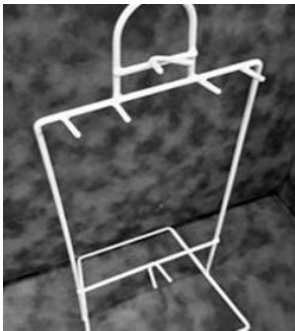
- ▶ Great change needs strong foundations
- ▶ Shared values – local changes inline with wider organisational goals
- ▶ Secure funding and investment into initiatives



# How we involved our team?

***“A focus on quality improvement driven and owned by front-line teams is more effective in engaging staff than economic agendas” (The Health Foundation 2021)***

- ▶ Working groups
- ▶ Sustainable champions “The Green Team”



SUMILLION



# What's Next?



**Empowering  
our  
workforce**



**Innovation  
and  
leadership  
requires  
education  
and training**



**Harness  
intrinsic  
motivations  
and ideas of  
staff**

- ▶ The ripple effect – working groups / champions / further QI projects



Independent Healthcare  
Providers Network

## Effectively managing your supply chain towards net zero, and how clinicians and employees drive change from the bottom up

- Richard Hilson, Gemserv, Principal Consultant for Corporate Sustainability
- Mauvena Rowe-Mason, London Bridge Hospital, Clinical Duty Manager



# IHPN NET ZERO CONFERENCE

## SUPPLIER DECARBONISATION STRATEGY

RICHARD HILSON, PRINCIPAL CONSULTANT, CORPORATE SUSTAINABILITY



**Gemserv**

MAKING THINGS THAT MATTER WORK BETTER FOR EVERYONE



## Areas I'll cover...

- Scope 3 calculation and action challenge
- Enablers for decarbonisation
- Cascade approach & prioritisation
- Areas for collective action to decarbonise



**Gemserve**

MAKING THINGS THAT MATTER WORK BETTER FOR EVERYONE



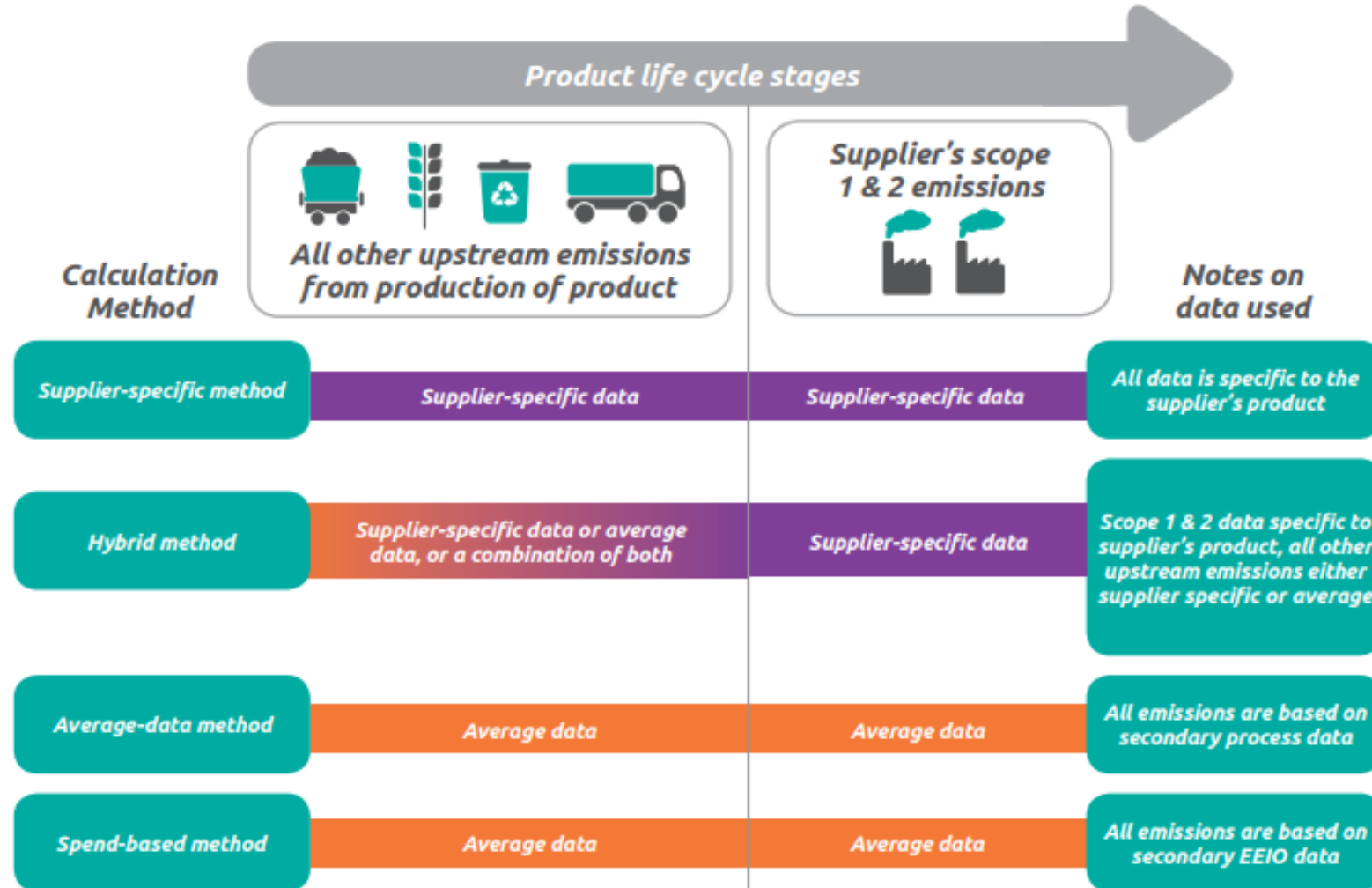
# Scope 3 calculation and action challenge

The image has a blue monochromatic background. In the center, a stethoscope is visible, with its chest piece resting on a surface. To the left, there is a faint line graph with several data points connected by lines. Below the line graph, there is a faint bar chart with several bars of varying heights. The overall aesthetic is clean and professional, suggesting a focus on data and healthcare.

# CALCULATING SCOPE 3 EMISSIONS



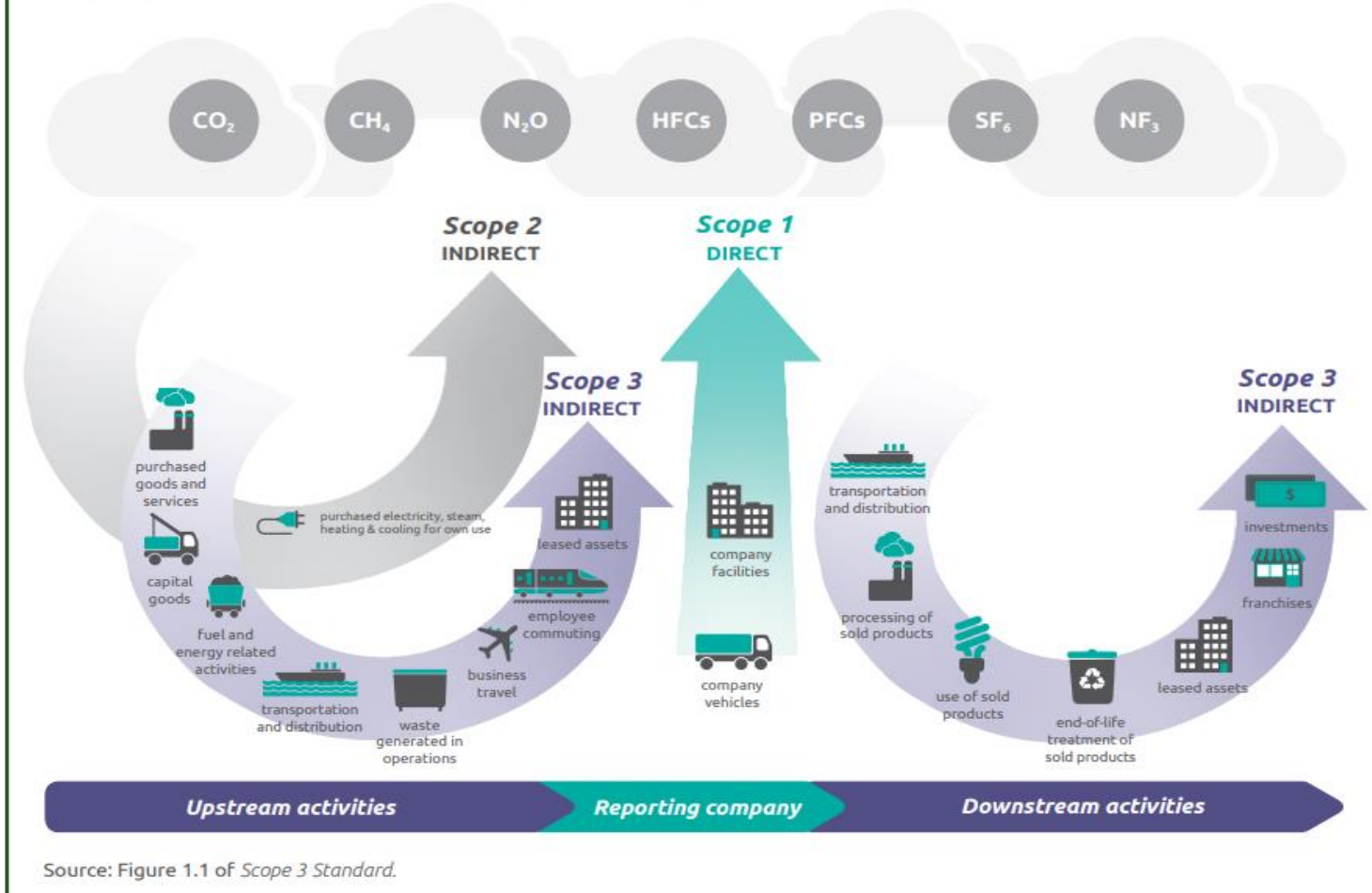
Purchased goods and services / Capital Goods example



# CHALLENGING...



Figure [1] Overview of GHG Protocol scopes and emissions across the value chain



Some stalling in progress...

- Just 41% of companies reporting to CDP have reported emissions for Scope 3
- Only 39% of businesses reporting to CDP have engaged with suppliers on climate matters
- Just 0.04% of companies reporting to CDP require their suppliers to set a science-based emissions reduction target

# OVERVIEW



## Activating enablers for decarbonisation



Governance



Data



Incentivisation

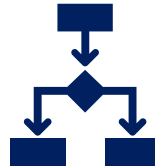


Innovation



Collaboration

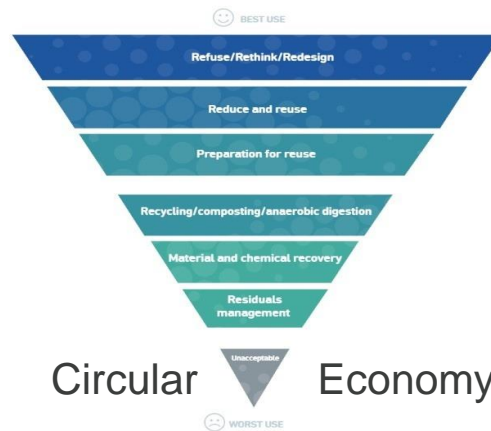
Segmentation



Prioritisation



Transport & Logistics



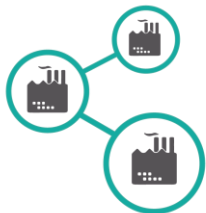
Renewable energy



Internal



With your suppliers



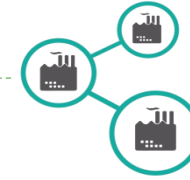
Cross-sector





# Enablers for decarbonisation

# ENABLERS FOR SUPPLY CHAIN DECARBONISATION



Require clarity on responsibility and accountability for driving supply chain decarbonisation



Complete, accurate data essential to monitor decarbonisation of supply chain

Pressing need : Quality primary data collected and stored centrally



Innovation essential to stimulate new solutions across the supply chain, accelerating progress towards decarbonisation



Overlapping nature of supply chains within and between companies = fertile ground for synergies and collaboration on strategies to reduce emissions

Companies need to motivate suppliers to take action on decarbonisation.



Incentives look to stimulate change through consistent and meaningful supplier engagement.

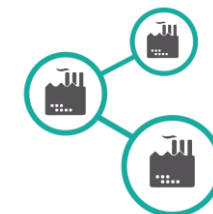
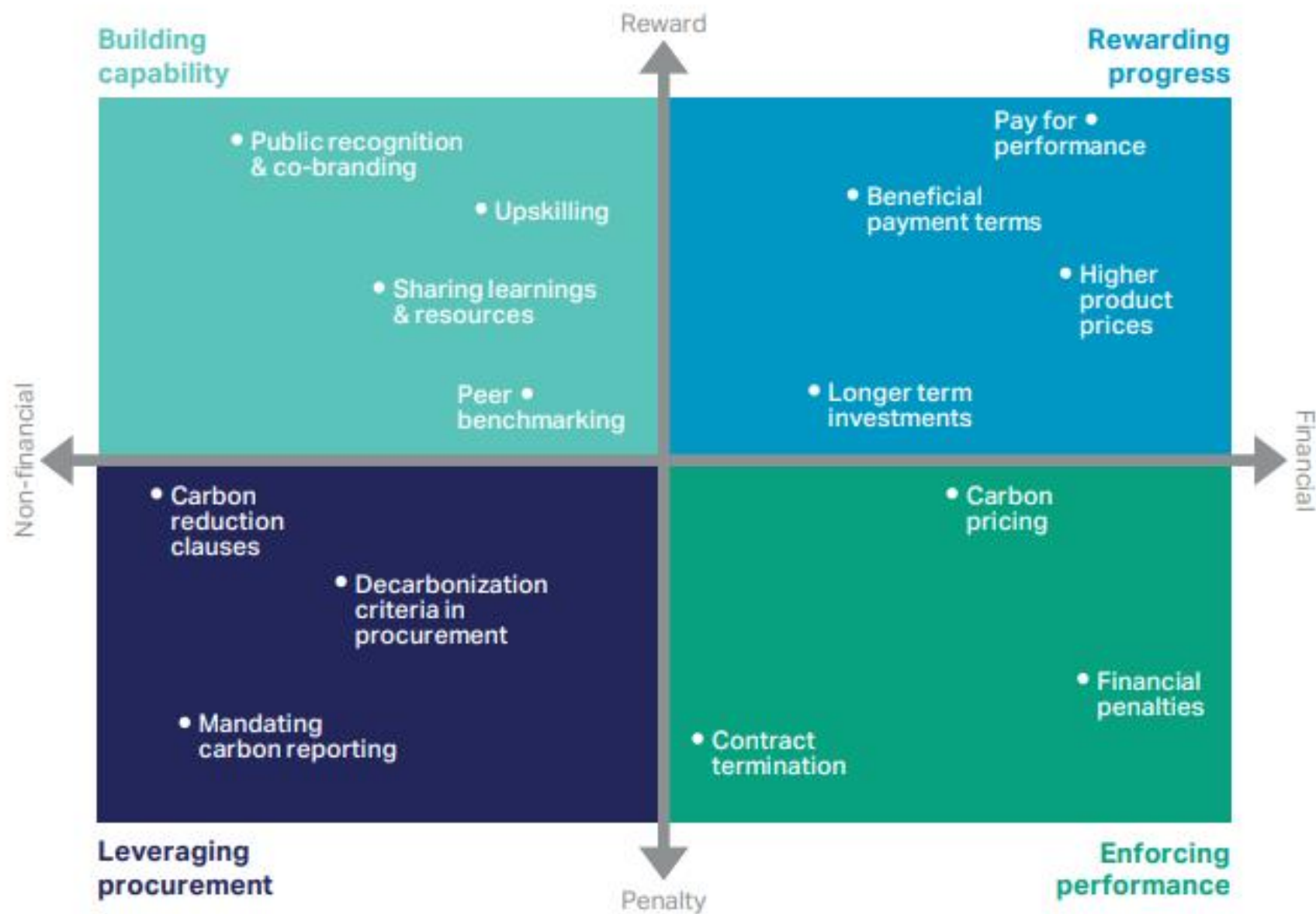
Building capability

Rewarding progress

Leveraging procurement

Enforcing performance

# SUPPLIER INCENTIVISATION



# BUILDING CAPABILITY



- **Share learnings & resources**
  - Benefit from existing R&D
  - Reduce duplication of effort
  - Strengthens buyer-supplier relationships
  - Opportunities to share in all directions
- **Public recognition and co-branding**
  - Public exposure as reward for suppliers that have met certain emissions reduction targets or milestones
  - Can take many forms
- **Upskilling**
  - Invest in educational initiatives => upskill & build supplier decarbonisation capabilities
  - Dual benefit for buyer and supplier
- **Peer benchmarking**
  - Collate carbon emissions-related information across supply chain to show suppliers performance against peers
  - Element of competition / gamification can incentivise improvements among lower performing suppliers
  - Consider ranking or scoring system (*e.g. Evergreen Assessment*)



## Value chain engagement strategy to enhance supplier capability

- Commitment to reach net zero by 2040
- Strategy focuses on enhancing capability of its partners to contribute towards addressing climate change and collaboration for collective solutions
- Launched the Supplier Leadership on Climate Transition (S-LoCT) program (with Guidehouse & peers) – enables footprint measurement & sets on path to setting and achieving SBTs
- Renewable electricity program – collectively go to market on Power Purchase Agreements (PPAs)
- Developing an online resources library on climate for suppliers
- 50% reduction in emissions from bottling by engaging Latin American suppliers on operational efficiencies
- One-on-one engagement with high maturity suppliers – align on priorities and collaborative initiatives



# REWARDING PROGRESS



- **Pay for performance**
  - Ultimate incentive – financial reward for achieving agreed emissions reduction targets
  - Consult to establish thresholds
  - Relatively unexplored to date...
  
- **Longer-term investments**
  - Support through investing provides financial support, reassurance and helps trusted relationship building
  - E.g. PPAs or carbon in-setting projects
  - Overcome CAPEX barriers
  
- **Higher product prices**
  - Buyers can consider accepting premium for comparatively lower carbon emissions products or services
  - Important to consider trade-off of accepting higher costs, against relative degree of carbon reductions offered
  
- **Beneficial payment terms**
  - Offer preferential payment terms or financing rates based on carbon reduction targets, disclosure and progress
  - Widens impact, cultural awareness and continuous improvement

## PHILIPS

### Launching initiatives to support the Supplier Sustainability Performance program

- Recently launched several new initiatives through which it actively supports its suppliers and incentivizes them to adopt and meet SBTs as part of a major push to decarbonize the company's supply chain
  - Builds on existing Supplier Sustainability Performance program
  - Philips will take an **active role in supporting its suppliers** in identifying decarbonisation opportunities in their factories
  - **Free-of-charge on-site factory energy scans**
  - Philips also offers more than 75% of its supply base **maturity-based guidance to support continuous improvement**. CDP engagement supported setting of scopes 1, 2 & 3 SBTs
  - The setting of GHG reduction targets has formally been captured in all contracts since January 2021, as part of the Company's Supplier Code of Conduct
  - Now also looking to offer its suppliers beneficial payment terms, once certain reduction thresholds are met – expectation this will be major incentive for change, especially for SME supply partners

# LEVERAGING PROCUREMENT



## ➤ **Mandate carbon reporting**

- Enhances awareness and transparency around carbon emissions within the supply chain (even in absence of contractual consequences)
- At a minimum will initiate a conversation between buyer and supplier on plans and progress made on decarbonisation

## ➤ **Decarbonisation criteria in procurement**

- Pre-tender phase core selection criteria
- Weight supplier selection
- Cost-effective as integrates with existing procurement processes
- Can be formalised over lifetime of a contract

## ➤ **Carbon reduction clauses**

- Can include clauses that translate carbon reporting requirements and targets into specific performance management criteria, against which the supplier is formally assessed.
- E.g. commitments to Scope 3 SBTs, verification of progress
- Failure to meet agreed target can result in remedies, or ultimately termination of the agreement for cause.



**Legal profession generated set of climate aligned clause that can be used in contracts**

- 3,600 professionals collaborating
- 350 participating organisations
- 113 countries
- 150 Model clauses
- 73 Glossary entries
- 6 tools

## Climate clauses

Browse below or use our [Climate Clause Selector](#) to find clauses for your contracts



# ENHANCING PERFORMANCE



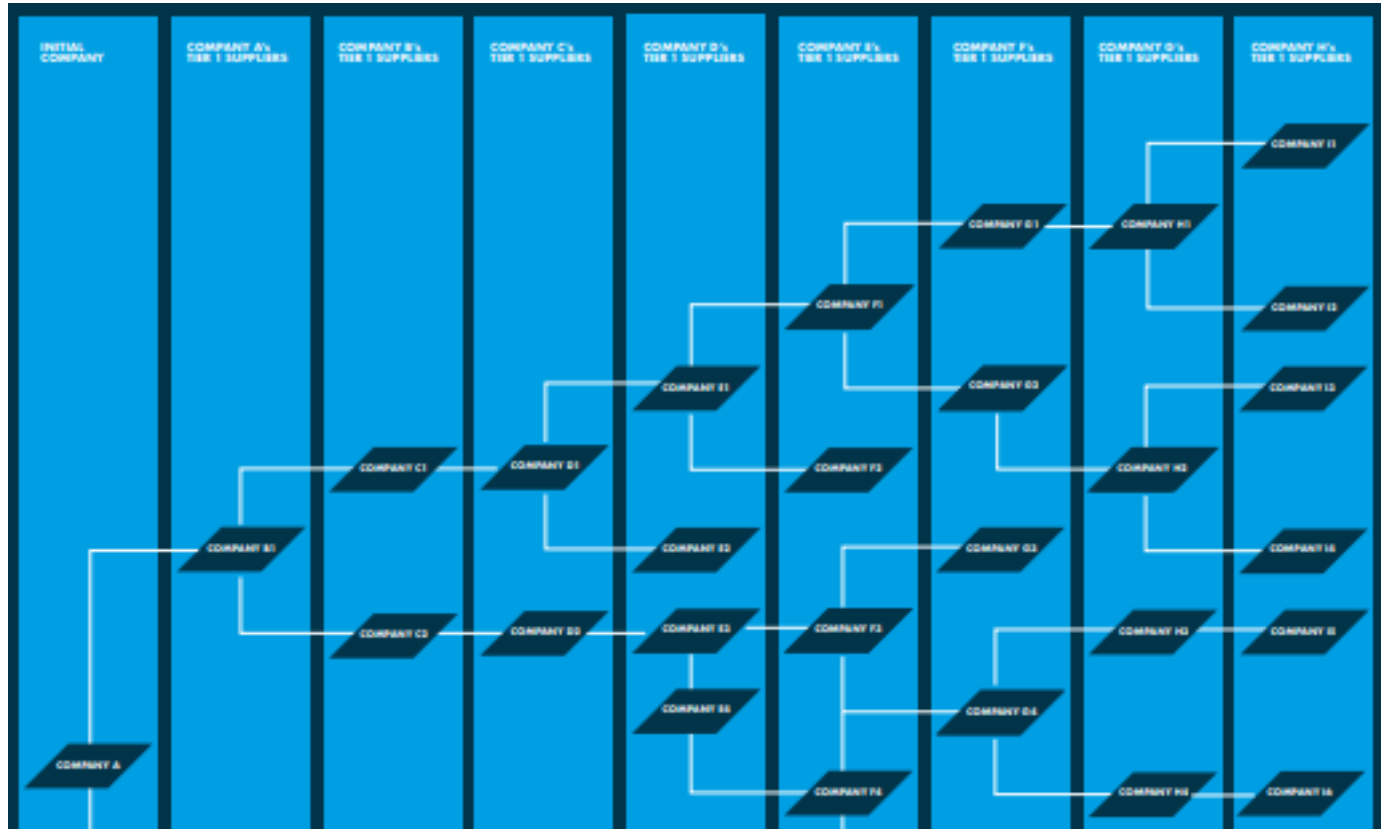
- **Carbon price**
  - Directly applies a cost to carbon emissions
  - Shifts accountability for emissions towards suppliers who are not only responsible for those emissions, but who also have ability to address them
  - Internal carbon pricing still much more common than across supply chains however
  
- **Financial penalties**
  - Related to the lever of carbon reduction clauses
  - Prospect of financial penalties if agreed targets or milestones are not met
  
- **Contract termination**
  - Buyers can reserve right to terminate the agreement
  
- *Tend to be incorporated alongside the other incentivisation levers*

# Pragmatism – Cascade & Prioritisation

The background is a solid blue color with several semi-transparent overlays. On the left, there is a pattern of white-outlined hexagons. In the center, a white line graph with square markers is visible, showing a fluctuating trend. On the right, a silver stethoscope is positioned, with its chest piece resting on the surface. The overall aesthetic is clean, professional, and medical or scientific in nature.



# CASCADE & PRIORITISATION APPROACHES



Near-term scope 3 targets must cover

**67%**

of total scope 3 emissions

- Set supplier engagement targets
- Segment suppliers with targets per segment



# Areas for collective action to decarbonise

The background is a solid blue color with several semi-transparent white and light blue elements. On the left, there is a hexagonal molecular structure. In the center, a stethoscope is positioned diagonally. On the right, there is a line graph with square markers and a dashed grid. At the bottom, there is a jagged, mountain-like shape.

# ENERGY AND TRANSPORT



## ➤ **Aggregate PPAs**

- Procure renewable electricity at a lower price by aggregating demand
- Enable smaller companies to participate
- Bring new renewable capacity onto the grid

## ➤ **Investment in facilities**

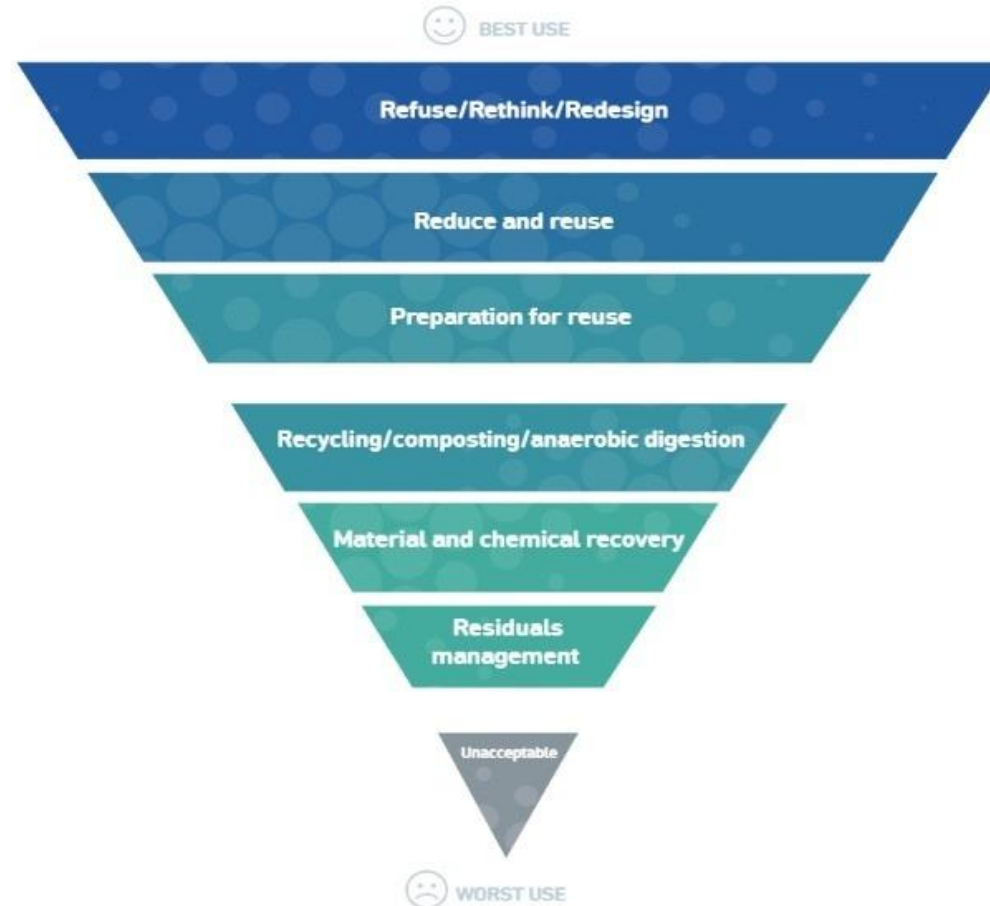
## ➤ **Implement logistics efficiencies**

- Consolidation hubs
- Order consolidation
- Packing efficiency
- Optimized delivery routes
- Decreased delivery frequency
- Minimize less-than-truckload, overnight, and last-mile deliveries

# RESOURCE EFFICIENCY AND CIRCULAR ECONOMY

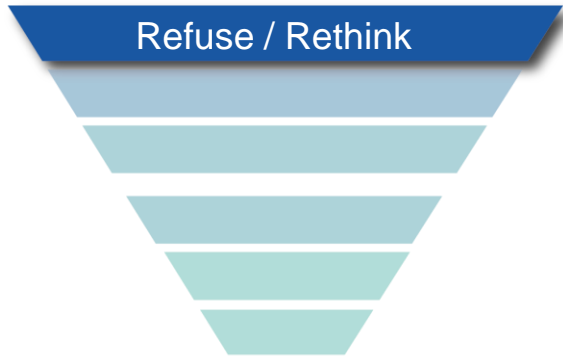


***“Health systems and their MedTech suppliers must together address product composition, packaging, distribution, utilization, and disposal in order to decarbonise emissions from the supply chain. Suppliers can focus on making products more sustainable, but health systems ultimately make decisions about procurement and use.”***



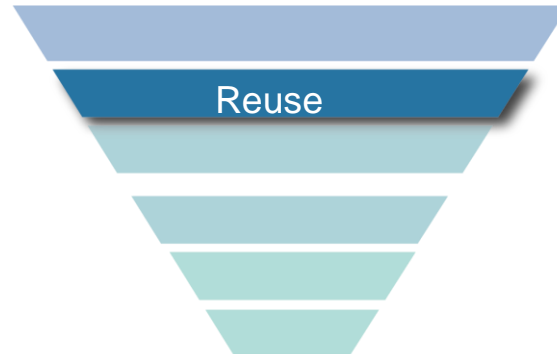


# RESOURCE EFFICIENCY EXAMPLES



## Procedure packs

Analyse actual usage and requirement for items



## Circular economy for medical textiles

On or off-site collection, sterilisation and re-pack



## Medical remanufacturing

Restores used medical devices to “as new” functional and safety standard with matching warranty. Enables a circular economy within the medical device sector.

# RECOMMENDED STEPS

1. Gain internal buy-in and start training internal teams

2. Conduct supply chain baseline and mapping exercise

3. Set and/or review own Scope 3 decarbonisation targets and progress

4. Segment and prioritise suppliers

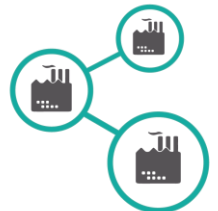
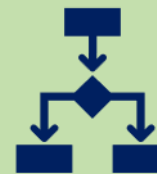
5. Communicate your targets to suppliers

6. Match appropriate incentivisation levers to selected supplier segments

7. Develop a rollout plan for implementing supplier decarbonisation incentives

8. Embed into business as usual

Deploy cascade method



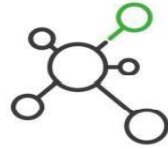
# ABOUT US



Tackle today's social and environmental challenges



Improve and simplify the way markets work



Harness the power of digital transformation



Ensure data is protected and used ethically

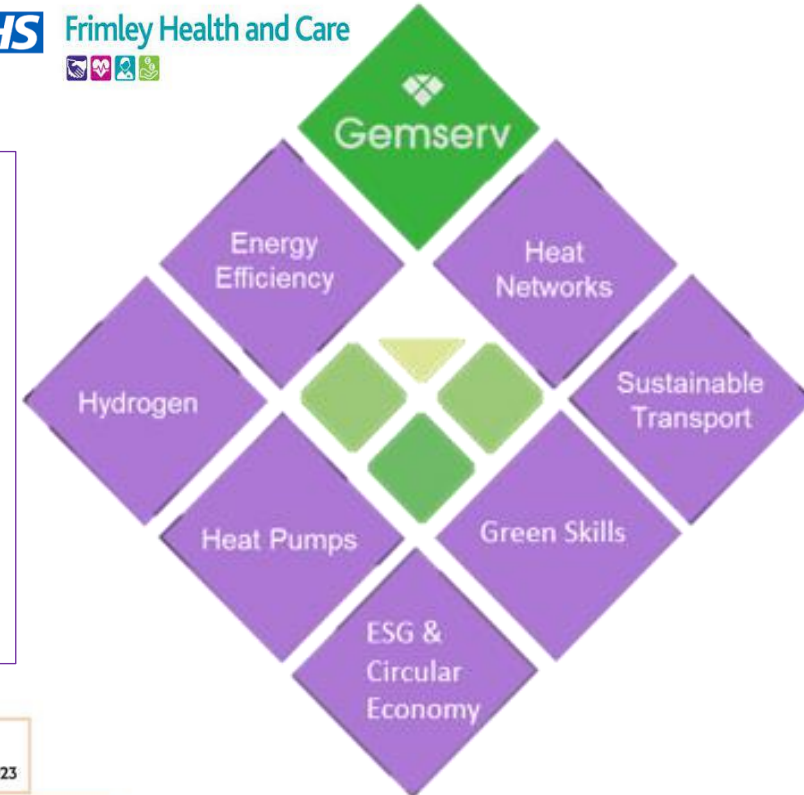
Gemserv is an expert provider of professional services, part of the Talan International Consulting Group. We specialise in complex and highly regulated energy and environmental sectors, offering a comprehensive range of services across the public and private sector.

FINANCE	ENERGY & UTILITIES	HEALTH
INSURANCE	INDUSTRY	RETAIL
TRANSPORT	PUBLIC SERVICES	TELECOMS



<b>4500</b> Consultants	<b>480M€</b> turnover	<b>32</b> Locations
----------------------------	--------------------------	------------------------

Scheme Management	Regulatory advisory	Cyber Security
Testing & Assurance	Programme & Project Management	Procurement & Commercial
Digital Transformation	Data Protection, Security & Risk	Strategy



For nearly 20 years, the Talan Group has been a multi-specialist in consulting and services, which supports its clients in their agile, digital and operational transformations.



# REFERENCES



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<https://www.gov.uk/guidance/uk-sustainability-disclosure-standards>

<https://www.wbcsd.org/Programs/Climate-and-Energy/Climate/SOS-1.5/Resources/Reaching-Net-Zero-Incentives-for-supply-chain-decarbonization>

<https://supplier.kp.org/impactspending/catalyzing-collective-action-to-decarbonize-healthcare-final-6-7-23/>

[https://www.ey.com/en\\_uk/news/2023/04/only-five-percentage-of-ftse-100-have-published-net-zero-plans#:~:text=EY's%20analysis%20finds%20that%20more,Zero%20carbon%20emissions%20by%202050.](https://www.ey.com/en_uk/news/2023/04/only-five-percentage-of-ftse-100-have-published-net-zero-plans#:~:text=EY's%20analysis%20finds%20that%20more,Zero%20carbon%20emissions%20by%202050.)

[https://www.wemeanbusinesscoalition.org/wp-content/uploads/2023/09/Supplier-Cascade-Explainer\\_A-5-09-23.pdf](https://www.wemeanbusinesscoalition.org/wp-content/uploads/2023/09/Supplier-Cascade-Explainer_A-5-09-23.pdf)

<https://sciencebasedtargets.org/resources/files/Supplier-Engagement-Guidance.pdf>

<https://healthcarelca.com/>

<https://www.yewmaker.com/news/smpfounders>

[https://github.com/danwrisar/KMSIMG\\_NHS\\_EmissionsRecipeBook](https://github.com/danwrisar/KMSIMG_NHS_EmissionsRecipeBook)

<https://www.americanbar.org/products/inv/book/433765772/>

<https://www.cozev.org/>

<https://www.ft.com/content/b7fafed2-9d00-49b0-a281-c1002b139865?desktop=true&segmentId=7c8f09b9-9b61-4fbb-9430-9208a9e233c8#myft:notification:daily-email:content>



# THANK YOU FOR LISTENING

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ANY QUESTIONS?



**INVESTORS IN PEOPLE®**  
We invest in people Gold



# Sustainability Project Report

Presenter:  
Mauvena Rowe-Mason



# Discussion Points

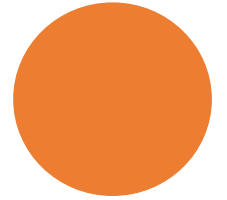
- 1 The Impact
- 2 Project Overview
- 3 My Story





# DIRECT IMPACT

- Carbon emission savings: 223.8 kg of carbon dioxide per month. Round trip from London to Oxford.  
To offset this, London Bridge Hospital would need to plant at least seven trees per month
- Increased safety parameters
- Workforce Planning savings of 7.5 to 15 hours of agency/bank nursing hours on 20 days out of every month.
- Improved communication
- Greater accountability and transparency in discharge process
- Change of personal lifestyle choices.





# INDIRECT IMPACT



Open and transparent discussions between the ward and myself



More discussions surrounding HCA's net zero ambitions



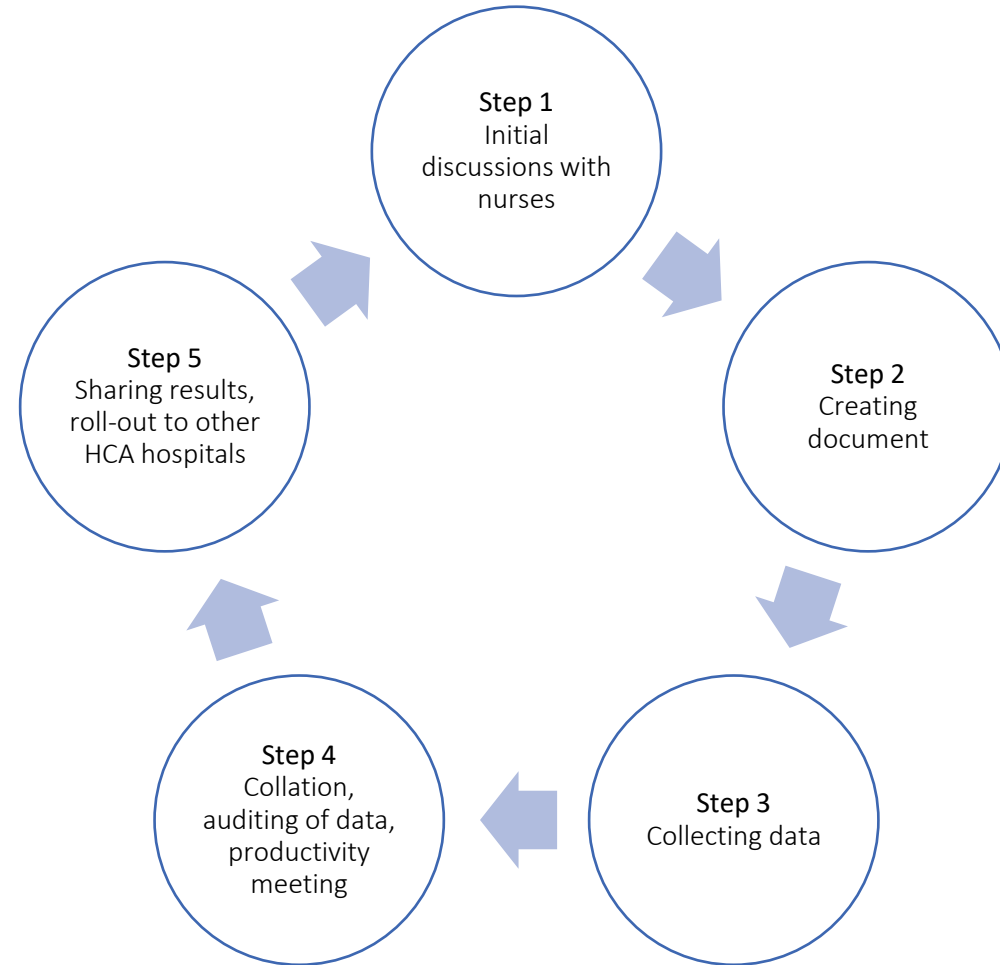
Impact on Duty Manager Department: 90% of our documentation now done online



More efficient use of time. Nurses given greater autonomy

# Project Overview

## MY STORY



# Thank You

- Presenter: Mauvena Rowe-Mason
- Email: [mauvena.rowemason@hcahealthcare.co.uk](mailto:mauvena.rowemason@hcahealthcare.co.uk)





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# Coffee – be back in 15...

**Deloitte.**



MDU



Gemserv

18 September 2023







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# Sustainable investment where do you start and what does good look like

- Ido Eisenberg, Sustainable Investment, Deloitte
- Anthony Wright, Chief Financial Officer, Medical Defence Union



## Net Zero Investment

# What is Net Zero?

## What is Net Zero?

“Cutting GHG emissions to as close to zero as possible, with any remaining emissions re-absorbed from the atmosphere, by oceans and forests for instance.”

[Definition from the UN website]

“No longer adding to the total amount of **greenhouse gases** in the atmosphere.”

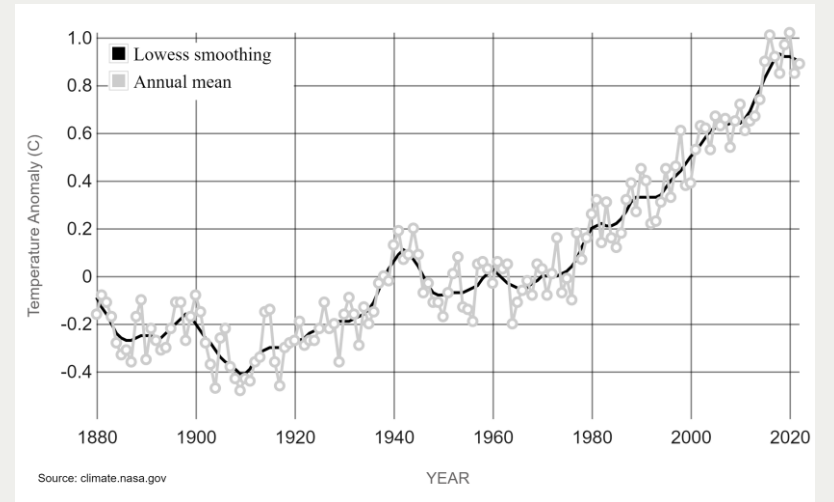
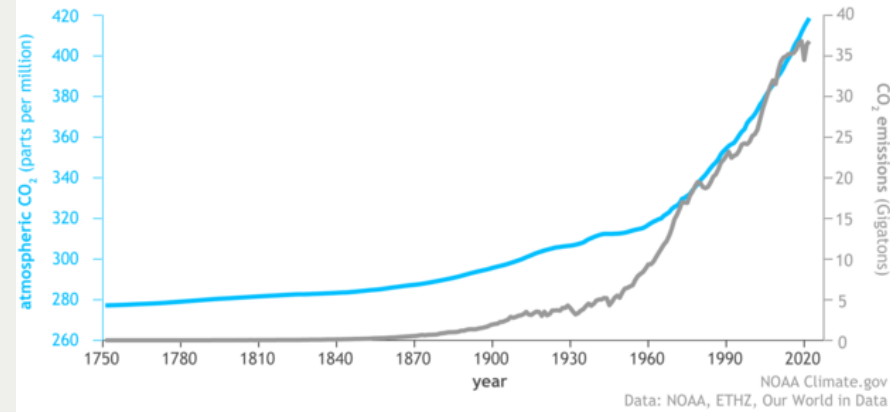
[Definition from the BBC]

“Net Zero [...] can only be achieved if operationalised through **social, political and economic systems**” and “must be aligned with **broader sustainable development objectives**”.

[Definition from Nature]

**Deloitte.**

Global atmospheric carbon dioxide compared to annual emissions (1751-2022)



## What are we trying to achieve?

The Paris Agreement set out a global goal to limit global warming to 1.5 C in 2015. It is a legally binding international treaty on climate change that has been adopted by 196 parties. Achieving Net Zero is key to meeting this requirement [UNFCCC]

# Sources of emissions:

Net Zero requires transforming how society operates, particularly energy usage which accounts for **nearly three quarters** of all GHG emissions.

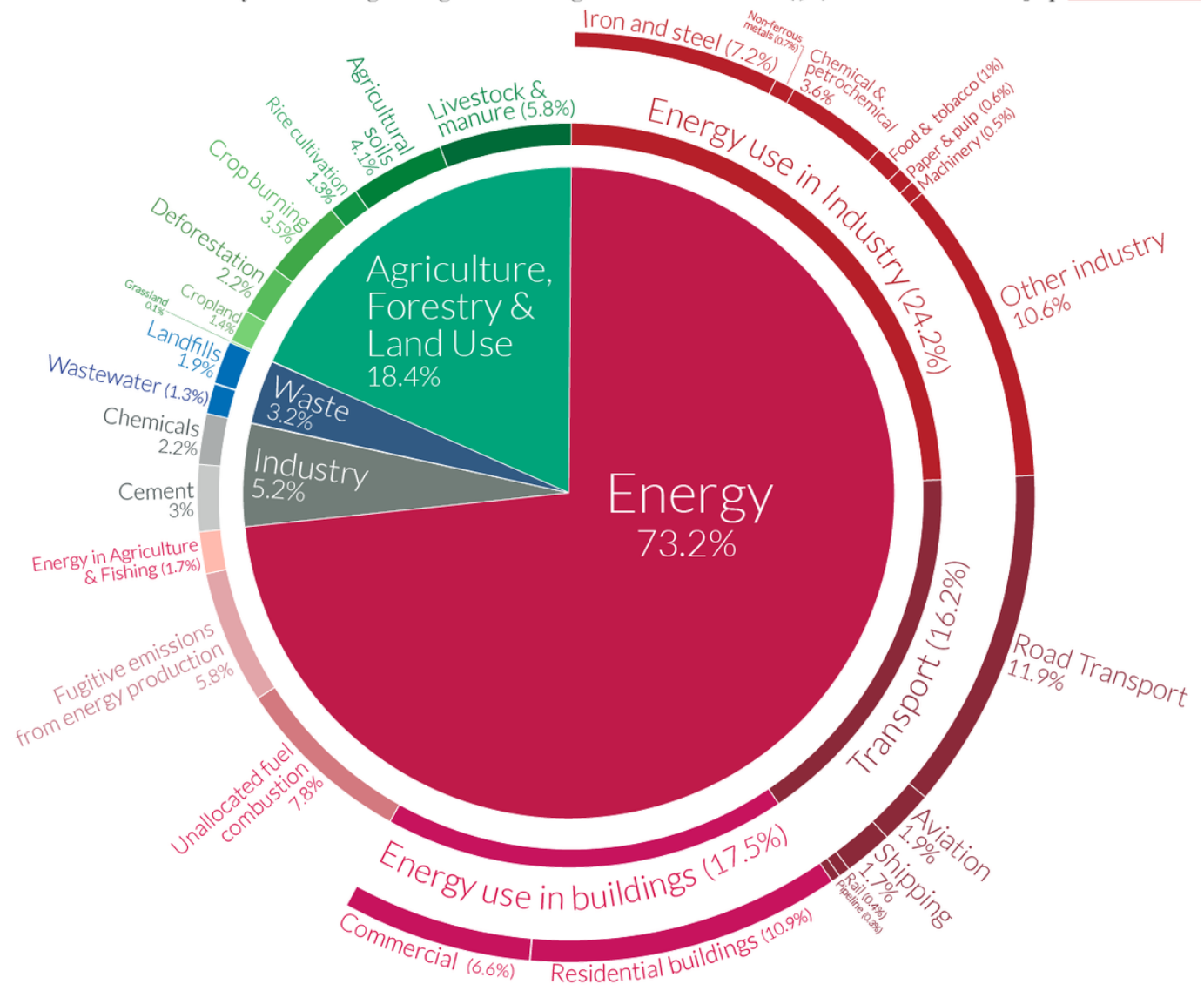
Net Zero is different from Carbon Neutral. Net Zero **goes beyond** a focus on CO<sub>2</sub> emissions to **include all GHGs**.



# Global greenhouse gas emissions by sector



This is shown for the year 2016 – global greenhouse gas emissions were 49.4 billion tonnes CO<sub>2</sub>eq.



OurWorldinData.org – Research and data to make progress against the world's largest problems. Source: Climate Watch, the World Resources Institute (2020). Licensed under CC-BY by the author Hannah Ritchie (2020).



## Net Zero in an investment context (a few definitions):

- Absolute vs. relative emissions
- Financed vs. operational emissions
- Entity vs. product
- Divestment vs. engagement
- Transition vs. physical risk
- Asset class coverage

# What does it mean to 'invest' in Net Zero?

- Only investing with asset managers that are committed to Net Zero?
- Helping companies transition to Net Zero?
- Investing in stocks that are part of the solution?
- Investing in stocks that have committed to decarbonise?
- Not investing in stocks that are high emitters?

# What are you trying to achieve?

- Avoid risk?
- Find opportunities?
- Fulfil a legal obligation?
- 'Do the right thing'?
- Maximise risk adjusted returns?

# What examples of investment products are out there?

- ESG Integrated
- Thematic funds
- Paris aligned funds
- Exclusion based funds
- Engagement based funds
- NZAMI/NZAOA members



# The UK is expected to mandate transition plan disclosure for FY25 reporting

Description	Implications for clients	Timeline
<p><b>SDR<sup>1</sup> (UK)</b></p> <ul style="list-style-type: none"> <li>UK sustainability reporting (equivalent of CSRD) requirements based off TCFD recommendations and the recently released ISSB standards.</li> </ul>	<ul style="list-style-type: none"> <li>Disclose a transition plan, based on TCFD and the recently released ISSB IFRS S2 standard adapted to the UK market leveraging the TPT framework.</li> </ul>	<ul style="list-style-type: none"> <li>Draft requirements to be published in 2024, brought into effect between 2025 and 2026.</li> </ul>
<p><b>CSRD<sup>2</sup> (EU)</b></p> <ul style="list-style-type: none"> <li>EU sustainability reporting requirements for disclosure of sustainability information in line with the European Sustainability Reporting Standards (ESRS).</li> </ul>	<ul style="list-style-type: none"> <li>Disclose a medium and long term transition plan (under ESRS E1) aligned with 1.5C on a comply or explain basis.</li> </ul>	<ul style="list-style-type: none"> <li>Effective for FY24 reporting for companies under scope of NFRD, effective for FY25 for companies not under scope of NFRD.</li> </ul>
<p><b>CS3D<sup>3</sup> (EU)</b></p> <ul style="list-style-type: none"> <li>EU corporate due diligence obligations for assessing and managing human rights and environmental impact in a company's operations, and upstream and downstream value chain.</li> </ul>	<ul style="list-style-type: none"> <li>Design and adopt a transition plan aligned to 1.5C and embed mechanisms for achieving it.</li> </ul>	<ul style="list-style-type: none"> <li>Requirements to be finalised in 2024, brought into effect between 2025 and 2027.</li> </ul>

**NB. Non compliance sanctions could include 'naming and shaming' and fines of at least 5% of net worldwide revenue**

## Disclosure standards

The UK and EU have built on the baseline laid by the ISSB and TCFD in their respective release of the TPT Disclosure Framework and ESRS E1 standard respectively

Key features of transition planning disclosure:

- Plans and critical assumptions for NZ strategy
- Description of financial and business model implications
- Supplier or customer engagement activities
- Actions, milestones and timelines
- Targets and metrics for net zero
- Emission reduction vs carbon offset split
- Alignment with regional net zero pathway
- Roles, responsibilities and remuneration for NZ
- Progress against plans disclosed in PY
- Process for review of targets



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# IHPN Net Zero Conference

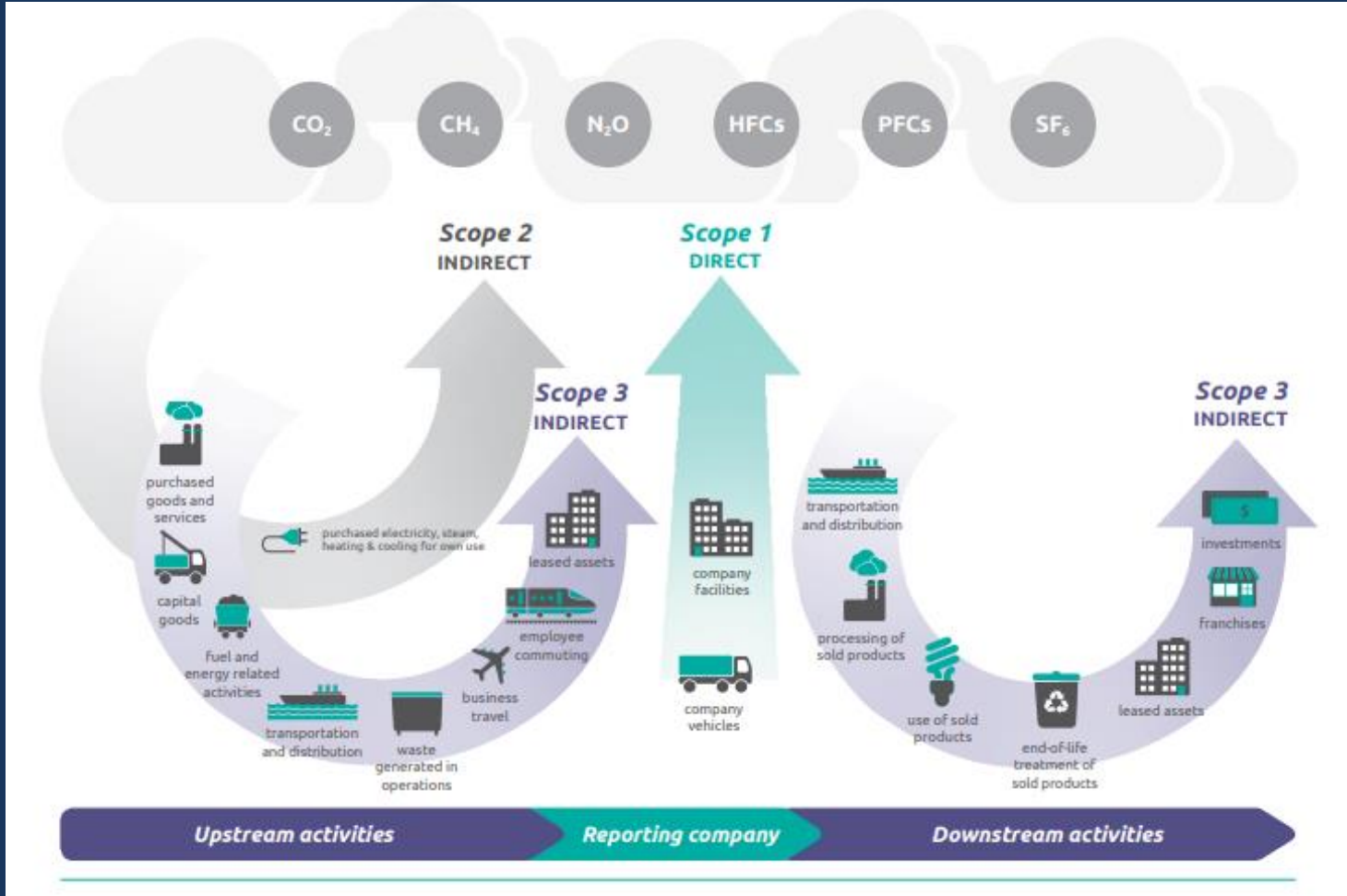
## Monday 18th September 2023

Anthony Wright  
Chief Financial officer  
The Medical Defence Union



MDU

# GHG scopes and emissions across the value chain



MDU

Taken from *GHG Protocol 'Corporate Value Chain (Scope 3) Accounting and Reporting Standard'*

# MDU Scope 1 & 2

## The total emission (tCO2e) figures for energy supplies:

Utility and Scope	2022 consumption (tCO2e)*	2021 consumption (tCO2e)*
Grid-Supplied Electricity (Indirect consumption)	117.5	118.4
Renewable Electricity (100%)	(117.5)	(118.4)
Gaseous and other fuels (Direct consumption)	0	0
Transportation (Direct emissions)	49.6	27.4
	<b>49.6</b>	<b>27.4</b>





## MDU Scope 1 & 2

- Emissions per member, per year:
  - 2 bananas
  - or*
  - Driving half a mile
  - or*
  - $\frac{1}{4}$  of a vegan pizza



“How bad are bananas?” Mike Berners-Lee (2010, 2020)



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# MDU Investments - Scope 3 Category 15 emissions

- DB pensions scheme assets £100m
- MDU members' funds (MDU Investments Ltd) £1.1bn

*For MDUIL:*

- Actions taken to date
- Monitoring
- Current activities

# MDUIL Actions to date

*Beginning in 2018...*

- Persuaded a provider of equity exposure to move to a low carbon index, for all investors in the fund.
- Seeded a sustainable version of a low risk DGF
- Building segregated bond fund reflecting our carbon and wider ESG aspirations
- Holding managers to account via regular meetings, preceded by a detailed ESG questionnaire

# MDUIL internal decision-making

- Internal climate change statement adopted by the Investments Committee
  - Supportive of Paris Agreement, and we expect our fund managers to do the same
  - No direct exposure to fossil fuels (or tobacco) in the mandates under our control
  - Measurement and management of indirect exposures via pooled funds
  - Active engagement with fund managers on Climate Change
  - Promoting transparency and disclosure among our fund managers
  - Regular review of managers in the context of sustainable investment

# Exposure monitoring

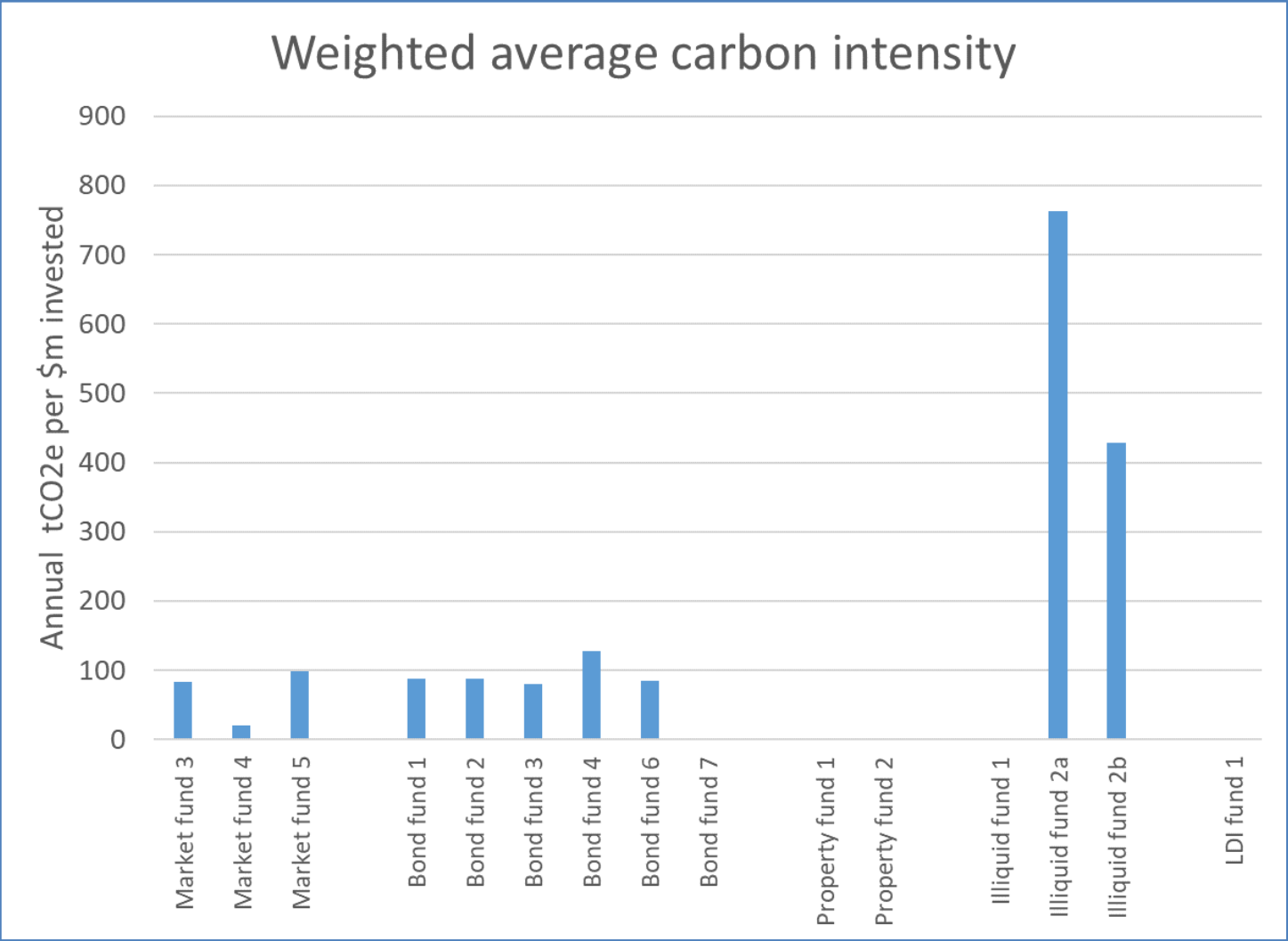
MDU	HOLDING/ EXPOSURE TOBACCO %	HOLDING/ EXPOSURE FOSSIL FUELS %	MDU EXPOSURE TOBACCO %	MDU EXPOSURE FOSSIL FUELS %
Dec-21 Allocation	Dec 21	Dec 21	Dec 21	Dec 21
10.7%	0.20%	1.60%	0.02%	0.17%
2.4%	2.20%	15.00%	0.05%	0.36%
11.0%	0.00%	0.00%	0.00%	0.00%
2.2%	-0.40%	0.80%	-0.01%	0.02%
2.7%	0.00%	0.00%	0.00%	0.00%
2.3%	0.24%	1.78%	0.01%	0.04%
11.6%	0.00%	0.18%	0.00%	0.02%
9.4%	0.00%	2.77%	0.00%	0.26%
7.9%	0.76%	2.76%	0.06%	0.22%
3.6%	0.00%	0.00%	0.00%	0.00%
6.0%	0.00%	2.80%	0.00%	0.17%
1.8%	0.20%	1.22%	0.00%	0.02%
0.1%	0.00%	0.00%	0.00%	0.00%
2.9%	0.00%	0.00%	0.00%	0.00%
2.7%	0.00%	0.00%	0.00%	0.00%
4.5%	0.00%	2.30%	0.00%	0.10%
1.5%	0.00%	3.40%	0.00%	0.05%
7.2%	0.00%	0.00%	0.00%	0.00%
			0.13%	1.44%



MDU



# Exposure monitoring



# Exposure monitoring

FUND	ORGANISATION UN PRI SCORE	ORGANISATION NET ZERO ASSET MANAGER SIGNATURE	FUND IN SCOPE NZAMI/Zero Pathway In Principle	FUND SFDR Classification	Overall ESG Score (MDUIL)
Market fund 1	A+	NO	NO	Article 6	4
Market fund 2	A+	YES	NO	Article 6	2
Market fund 3	A+	YES	NO	Article 8	1
Market fund 4	A+	YES	YES	Article 8	2
Market fund 5	A+	YES	YES	Article 8	1
Property fund 1	A+	YES	YES	Article 6	3
Property fund 2	A+	YES	YES	Article 8	3
Bond fund 1	A+	YES	NO	Article 8	2
Bond fund 2	A+	YES	NO	Article 6	3
Bond fund 3	A+	YES	YES	Article 8	1
Bond fund 4	A+	NO	NO	Article 6	2
Bond fund 6	B	YES	NO	Article 8	3
Bond fund 7	A	YES	NO	Article 8	3
Illiquid fund 1	A+	YES	YES	Article 6	3
Illiquid fund 2	A+	YES	NO	Article 6	3
LDI fund 1	A+	YES	NO	Article 6	3
Cash fund 1	A+	YES	YES	Article 8	3
Cash fund 2	A+	NO	NO	Article 8	3
Cash fund 3	A+	YES	NO	Article 6	3

### SFDR Classification:

Art. 6: No sustainability objective  
 Art. 8: Promotes environmental or social characteristics... provided that the companies in which the investments are made follow good governance Practices  
 Art-9: The product has a sustainability objective

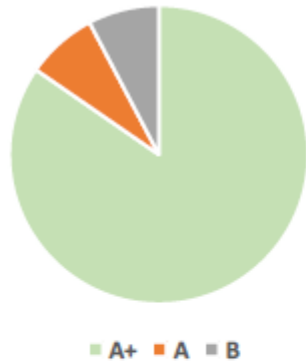
### MDUIL score:

1 = sustainable  
 2 = good/strong credentials  
 3 = improvement needed  
 4 = cannot improve



# MDUIL ESG Survey Dashboard

FUND MANAGER UN PRI SCORES



NET ZERO ASSET MANAGER INITIATIVE (ENTITY)



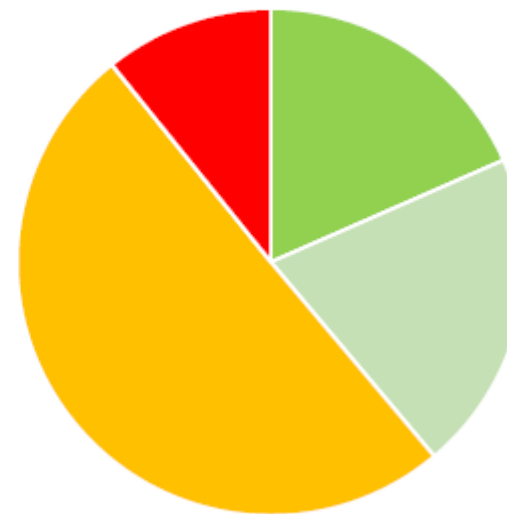
EU SFDR CLASSIFICATION



NET ZERO IN SCOPE BY FUND



ESG Scoring (Investment Officer)



- 1 = sustainable
- 2 = good/strong credentials
- 3 = improvement needed
- 4 = cannot improve



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# Current activities

- Continuing to build segregated bond fund
- Continuing to press fund managers for greater transparency
- Actively seeking “impact” investment for a portion of funds
- For future fund selection exercises, a sustainable flavour of investment will always be on the shortlist

**How to  
contact us**

**Membership**

t 0800 716 376  
e membership@themdu.com

**Medico-legal team**

t 0800 716 646  
e advisory@themdu.com

**Website**

themdu.com



PRINCESS ROYAL  
TRAINING AWARD  
2021



**MDU**







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Independent Healthcare  
Providers Network

# Networking drinks...

**Deloitte.**



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Gemserv

18 September 2023



# Evaluation

Thank you for attending IHPN's Net Zero Conference. We would welcome your feedback, so please do spend a couple of minutes completing our short survey.

