



Carbon Literacy for Healthcare (Generic) : Toolkit Overview

This document gives you an overview of what's included in the Carbon Literacy for NHS generic staff Toolkit. This includes extracts from the slide deck, trainer manual and other support documents.

For further details please see our website: <https://carbonliteracy.com/toolkits/healthcare/>



Getting Started in Healthcare

Welcome to your Carbon Literacy Training Pack. This pack contains all the information you need for your **Healthcare focused** training. Please read the attached documents to understand more about your training pack, how your learners gain certification and what steps to take to ensure your learners get the best Carbon Literacy experience.

The Toolkit can only be used for certified Carbon Literacy training, as stipulated in the Legal Terms and Conditions. Please do not share the Toolkit with anyone outside of your organisation as it's important that we can keep track of who has the Toolkit. Instead, please direct interested parties to <https://carbonliteracy.com/toolkits/> where they can find out more and get in touch.

Our documents change from time to time. To ensure you're always using the most up-to-date version, please refer [here](#) to find any documents that are starred (*) over these two pages.

Documents to get you ready to deliver Carbon Literacy training:

1. Getting Started

This folder contains our Certificate Marking Guide, Trainer Code of Conduct and Bank Details doc, and our pre and post course evaluation surveys.

2. PowerPoint Slide Deck

This pack also contains the .pptx of the Toolkit PowerPoint slides, you can also find brief slide notes below each slide for quick script guidance.

3. Trainer Manual

This manual will cover all of the information the trainer(s) will need to deliver the course, including the knowledge and information needed to run the activities. The Manual is laid out like a script and is designed for trainers who haven't delivered training before, this is a guidance document, and you might not need to use this once you have delivered training multiple training sessions.

4. Activity PDF

Please inform learners that the Activity PDF is interactive and that they can type/write/tick in the boxes. Please ensure that learners have access to the Activity PDF throughout the course.

Carbon Literacy for Healthcare

Trainer Manual

Healthcare Framework
CC000226
V2

2022

The Carbon Literacy Project

Carbon Literacy
Project





CL for Healthcare - detailed trainer guide

This guide will provide you with all the information you need in order to carry out the Carbon Literacy for Healthcare Distance Delivery course. Please note that it is not meant to be read as a script but to be used as a guide for running the training. For more succinct delivery notes (flashcard style), please see the slide notes underneath the slide deck. This guide will provide instructions to every section of the training, including what to do when learners are entering the room and how to wrap up the session.

Carbon Literacy: “An awareness of the carbon dioxide costs and impacts of everyday activities, and the ability and motivation to reduce emissions, on an individual, community and organisational basis.”

Using this Trainer Manual

1. Name of section
2. Timing
3. Material/preparation
4. Purpose/aim of activity
5. Additional notes- supporting information on the topic (science/facts/data/stats)

Blue notes– slides that are designed to be edited by the trainer.

Orange notes– are activities or involve active learner engagement.

Green notes – contain videos that learners watch on their own devices.

This training is a day of learning. This day of learning can be delivered in a single day, or over multiple days – this depends on the delivery structure that is best suited to your organisation and your learners.

We recommend leaving no more than one week between training sessions for continuity.

If the training is being delivered on different days, allow a little more time at the beginning of



Preparing for your session

Video Conferencing software

The training will require access to a video conferencing tool which has:

Breakout rooms

A chat facility

A screen share function to fulfil the group enquiry element of the Carbon Literacy Standard.

Any video conferencing application with these tools can be used to deliver the training.

We have used Zoom (and Microsoft Teams on occasion) in these reference notes as a convenient example of a video conferencing application used by many of our trainers.

Solo & Supported Trainers

Solo Trainer = a trainer working without a 'Trainer Facilitator'

Supported Trainer = a trainer working with a 'Trainer Facilitator'

Trainer Facilitator = another supporting person provided by the trainer to help manage the online experience e.g. security / breakout rooms / chatbox etc

Group Facilitator = a learner nominated by their breakout group (other learners) to share a screen and to take notes.

Training using video conferencing software is best facilitated with a 'Trainer Facilitator'. We are aware that this may not always be possible and have made provision for 'Solo Trainers' who can choose simplified options for group activities. These activities are clearly marked for either solo or supported trainers.

If you would like to be connected to other trainers to help with facilitating your training please contact info@carbonliteracy.com.

		Activity Duration (Hrs:Mins:Secs)	Time
Intro	Introductions/Tech check	00:05:00	9:30:00
	What is CL / Why CL in our sector?	00:05:00	9:35:00
	Intro activity / Icebreaker	00:15:00	9:40:00
	Training outline	00:01:00	9:55:00
Module 1	Climate Change The Facts Documentary & Discussion	01:10:00	9:56:00
	Weather vs climate	00:02:00	11:06:00
	The greenhouse effect and GHGs	00:04:00	11:08:00
	The scientific consensus and emission trajectories	00:08:00	11:12:00
	Pathways to our future	00:05:00	11:20:00
	What does this mean for society?	00:05:00	11:25:00
	Global impacts & health (including video)	00:05:00	11:30:00
	The global impact for society & Healthcare	00:08:00	11:35:00
	Climate change impacts in "your local area"	00:02:00	11:43:00
	How is everyone feeling?	00:02:00	11:45:00
Climate change and Health	00:25:00	11:47:00	
Module 2	Climate risks activity	00:15:00	12:12:00

	Break	00:10:00	12:27:00
	Equity and vulnerability (including video)	00:09:00	12:37:00
	Climate change and COVID-19	00:04:00	12:46:00
	Co-benefits case study	00:05:00	12:50:00
Module 3	Co-benefits activity	00:20:00	12:55:00
	Break	00:10:00	13:15:00
Module 4	The Policy position	00:21:00	13:25:00
	Emergency slides & Act NOW video	00:04:00	13:46:00
Module 5	Healthcare Carbon Footprints	00:08:00	13:50:00
	Individual / Home Carbon Footprints	00:12:00	13:58:00
Module 6	Case studies	00:30:00	14:10:00
	Imagine a zero carbon Healthcare sector	00:20:00	14:40:00
	Break	00:10:00	15:00:00
Module 7	A day in the life of...	00:30:00	15:10:00
	Taking action	00:03:00	15:40:00
	The Power of the individual	00:15:00	15:43:00
	Break	00:10:00	15:58:00
	Developing your action plan	00:40:00	16:08:00
	Talking about climate change	00:08:00	16:48:00
	Wrap up	00:10:00	16:56:00
End time			17:06:00
Total training time including breaks			7:36:00

Module 2

Climate change and Health

Material: Slides, air pollution website details, activity pdf, breakout rooms.

Timing: 11 mins

Purpose of Activity: To understand the relationship between climate change and our health.

Preparation: You need air pollution statistics for your local area to the relevant slide.

How does climate change impact health? (2:00)

Scientists have described climate change as the greatest global health threat of the 21st century.

Climate change and healthcare are inextricably linked, with rising global temperatures associated with everything from the spread of infectious diseases to the impact of dangerous weather events.

This slide illustrates the most significant climate change impacts globally and their effect on health.

**This slide is interactive (keep clicking to reveal the links between health and climate change one by one).*

In the following slides, we're going to focus on 2/3 main impacts within the UK...

- **Air pollution**
- **Rising temperatures**
- **Flooding (time permitting)**- There may not be enough time to focus on the mental health impacts caused by flooding.

Interactive graphic based upon: <https://www.lancetcountdown.org/data-platform/climate-change-impacts-exposures-and-vulnerability>

You can find out more information about how climate change impacts health at:

<https://www.thelancet.com/countdown-health-climate>



Module 6

Climate Action in Healthcare – Case studies

Material: Slides (only focus on the 2 slides most relevant to your group)

Timing: 30 mins

Purpose of Activity: To outline case studies of climate action within healthcare so learners can envisage low carbon changes which could be made in their own workplace.

What do we need to be doing? (30:00)

These case study slides are to give learners ideas of what changes could be made within their workplace. There are 5 example case studies in this section (blue slides), if none of these examples relate to your learners, **please use them as an example and write your own appropriate case study.**

Please choose 2 of the most relevant areas for discussion and supporting case studies for your learners and delete/hide the other slides. Each slide focuses on an area where significant carbon reductions could be made (e.g. buildings, travel, procurement) followed by a blue slide with a case study example, you might need to add appropriate topics and case studies if there aren't appropriate ones in this pack.

Please ensure that the content is relevant to your learners and that actions are appropriate to their sphere of influence and job role by changing the case studies on the blue sides. Try to avoid examples of structural changes unless you are delivering to leadership and management audiences.

Spend 15 minutes talking about each one, allowing learners to add details if they would like.

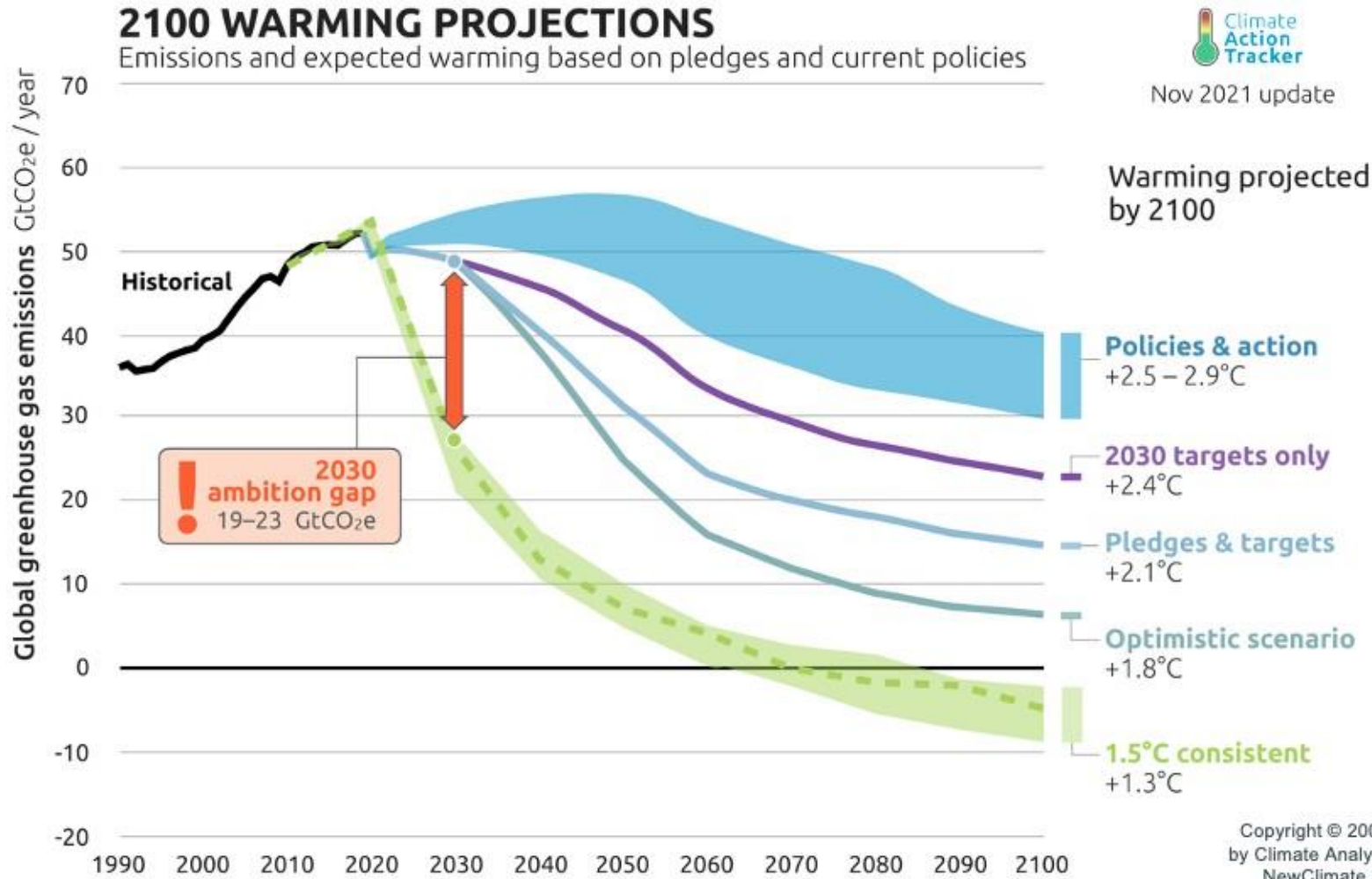
N.B. if coming up with your own case studies please consider actions which are possible for NHS staff, eg. try not to challenge mandatory



By the end of your training you will have:

- Gained an understanding of the **basic science of climate change** and how climate change is affecting us both **globally** and **locally**
- Gained an understanding of how climate change is affecting the health service.
- Explored the low carbon objectives in your health service
- Created an **action plan** to help reduce your carbon footprint and the carbon footprint of your workplace
- Explored strategies for influencing others to take action on climate change

The COP 26, Glasgow 2021



Copyright © 2009–2021
by Climate Analytics and
NewClimate Institute



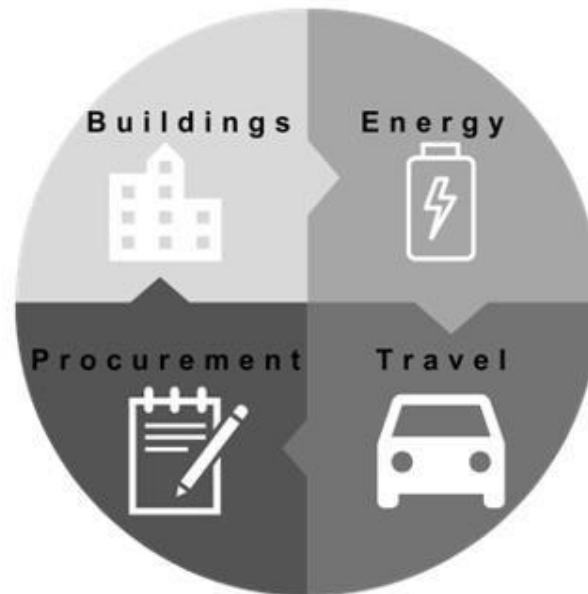
Organisational policy: insert your own!

E.g. North-West Ambulance Service (NWAS) policy:

- Committed to an all-electric fleet of rapid response vehicles
- All new pool cars to be hybrid or electric
- Declared a Climate Emergency in August 2019



Activity: What does a zero carbon healthcare sector look like?



- How do we currently run vs how should we run?
- What are the co-benefits/barriers?
- Who do we need support from?



Activity: The power of the individual

- **Where** do you have the most power/influence in your life to make a difference reducing carbon?
- **Who** can your organisation/your team inspire to take action on climate change? (colleagues, friends, family, local community groups)
- **What** can you do to inspire and support others?
- What are the **barriers**?
- How can you overcome them?



Complete your evidence form

- Please answer every question
- Use as much of the space as you can
- Try to base your actions within your job role

The focus of Carbon Literacy is about empowering people to take action. To become certified as Carbon Literate you must:

Page 1 – Getting to Carbon Neutral

1. Explain clearly the steps we need to take as a society, to be **carbon neutral by 2038***.

* Edit date to fit with local or organisational zero-carbon target.

Page 2 – Commitments

2. Create at least one **significant action as an individual** to reduce your own carbon footprint. This action where possible should be in the sphere in which the training takes place.
3. Create at least one **significant action involving other people** to reduce the collective footprint of your workplace, community or place of education. This is your **group action**.

The information you write on this form alone will determine whether The Carbon Literacy Project can certify you as Carbon Literate or not.