

# **Carbon Reduction Plan**

**V1.0**

**September 2025**

## Summary

This is the Carbon Reduction Plan based on the current Cornwall and Isles of Scilly Health and Care Partnership Green Plan.

This plan will be reviewed annually to assess the current progress towards net zero. The hospital is aiming to achieve net zero by 2030.

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### **Data Protection Act 2018 (UK General Data Protection Regulation – GDPR) Legislation.**

The Trust has a duty under the Data Protection Act 2018 and UK General Data Protection Regulations 2016/679 to ensure that there is a valid legal basis to process personal and sensitive data. The legal basis for processing must be identified and documented before the processing begins. In many cases we may need consent; this must be explicit, informed, and documented. We cannot rely on opt out, it must be opt in.

Data Protection Act 2018 and UK General Data Protection Regulations 2016/679 is applicable to all staff; this includes those working as contractors and providers of services.

For more information about your obligations under the Data Protection Act 2018 and UK General Data Protection Regulations 2016/679 please see the Information Use Framework Policy or contact the Information Governance Team.

Royal Cornwall Hospital Trust      [rch-tr.infogov@nhs.net](mailto:rch-tr.infogov@nhs.net)

# 1. Introduction

- 1.1. This document is the Royal Cornwall Hospitals NHS Trust (RCHT) Carbon Reduction Plan. The Plan is a requirement for RCHT to provide and goods through the NHS Supplies. The plan is linked to the Cornwall and Isles of Scilly Health and Care Partnership Green Plan ([Green Plan Cornwall and Isles of Scilly Health System Partners](#)).
- 1.2. This document is based on the Cabinet Office template ([PPN-0621-Carbon-Reduction-Plan-Template-Jan22.odt](#)) and advice for producing a Carbon Reduction Plan ([PPN 006: Technical standard for Completion of Carbon Reduction Plans \(HTML\) - GOV.UK](#)).
- 1.3. Royal Cornwall Hospitals NHS Trust is committed to achieving Net Zero emissions by 2030. However, the RCHT Green Plan is under review and is expected to be published in October 2025
- 1.4. This version supersedes any previous versions of this document.

# 2. Purpose of this Plan

This plan provides the current and most up to date position for RCHT's Carbon Reduction Plan based on the national Government guidance.

# 3. Scope

This plan applies to all hospital premises and workers.

# 4. Definitions/Glossary

- 4.1. Green Plan – the strategic plan demonstrating the actions being taken to reduce hospital emissions along with other sustainable activities leading to Net Zero.
- 4.2. Net Zero – the commitment from the hospital to reach net zero carbon commitment where the hospital produces the same amount of CO<sub>2</sub> as it saves. This is not the same as producing no CO<sub>2</sub>. The hospital is committed to Net Zero by 2030 ([Green Plan Cornwall and Isles of Scilly Health System Partners](#)).
- 4.3. Carbon Reduction Plan – a plan to reduce the amount of Carbon Dioxide (CO<sub>2</sub>) produced by the hospital through three 'scopes'
- 4.4. tCO<sub>2</sub>e – Tonnes of Carbon Dioxide equivalent is an internationally agreed measurement to understand the amount of Carbon Dioxide produced for any activity.
- 4.5. Scopes – three key areas of focus for emissions.
  - 4.5.1. Scope One – Direct emissions that the hospital is responsible for such as burning gas to generate electricity and heat in the Combined Heat and Power Plant or burning fuel in cars and vans.
  - 4.5.2. Scope Two – Indirect emissions that come from the energy the hospital purchases and uses is produced.

- 4.5.3. Scope Three – Indirect emissions generated through the supply chain such as buying, using and disposing of products. This includes anything not covered in Scope one and two.

## 5. Ownership and Responsibilities

- 5.1. The Chief Executive is accountable for the production and implementation of the Green Plan and the Carbon Reduction Plan. The Chief Executive has delegated this authority to the Chief Performance, Partnerships and Transformation Officer.
- 5.2. The Chief Performance, Partnerships and Transformation Office has delegated accountability for the Green Plan and Sustainability at RCHT.

## 6. Standards and Practice

- 6.1. To meet the national reporting standards the Carbon Reduction Plan must be in the format specified by the Government (Appendix 3). The key points from the Carbon Reduction Plan are as follows:
- 6.2. Commitment to achieving Net Zero

Royal Cornwall Hospitals NHS Trust is committed to achieving Net Zero emissions by 2030. However, the RCHT Green Plan is under review and is expected to be published in October 2025

- 6.3. Baseline Emissions Footprint

|                                                                                                                                                                 |                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Baseline Year: 2016/17                                                                                                                                          |                                                       |
| Additional Details relating to the Baseline Emissions calculations.                                                                                             |                                                       |
| Baseline excludes most Scope 3 emissions as they were not calculated fully. However, estimates and calculations are now provided in the current year emissions. |                                                       |
| Baseline year emissions:                                                                                                                                        |                                                       |
| EMISSIONS                                                                                                                                                       | TOTAL (tCO <sub>2</sub> e)                            |
| Scope 1                                                                                                                                                         | 4,663                                                 |
| Scope 2                                                                                                                                                         | 6,916                                                 |
| Scope 3<br>(Included Sources)                                                                                                                                   | 102<br>(included water usage, some waste and flights) |
| Total Emissions                                                                                                                                                 | 11,681                                                |

#### 6.4. Current Emission Reporting

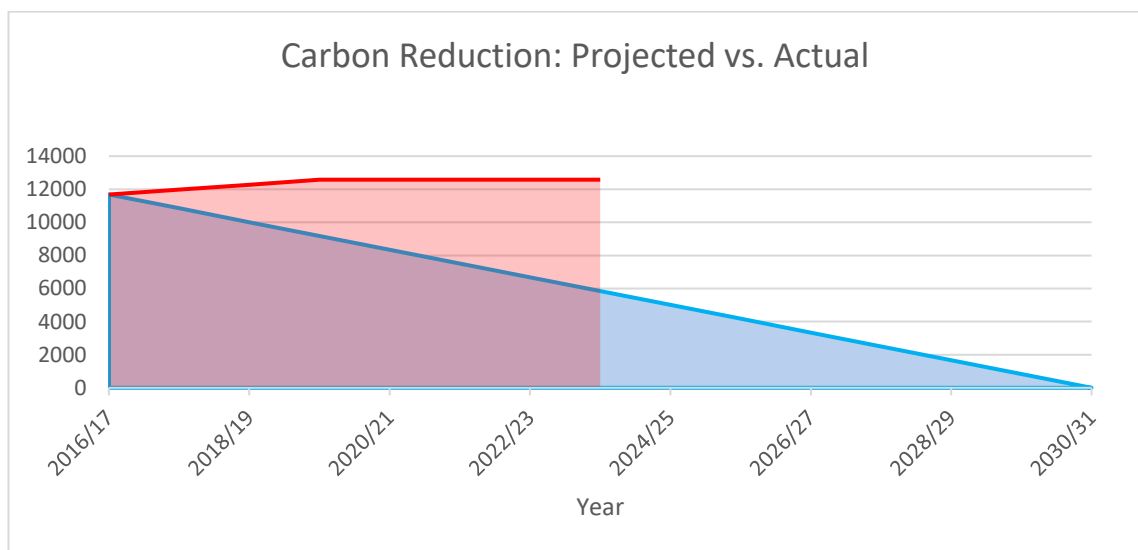
| Reporting Year: 2023/24       |                            |
|-------------------------------|----------------------------|
| EMISSIONS                     | TOTAL (tCO <sub>2</sub> e) |
| Scope 1                       | 7,137                      |
| Scope 2                       | 1,136                      |
| Scope 3<br>(Included Sources) | 3,865                      |
| Total Emissions               | 12,138                     |

#### 6.5. Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to Zero tCO<sub>2</sub>e by 2030. This is a reduction of 100% and in accordance with our Green Plan. We identified that there is considerable risk in achieving this target.

Progress against these targets can be seen in the graph below:



#### 6.6. Carbon Reduction Projects

##### 6.6.1. Completed Carbon Reduction Initiatives

6.6.2. The following environmental management measures and projects have been completed or implemented since the 2016/17 baseline. This has seen the Trust move to green electricity tariff and some reduction seen in water usage. The carbon emission reduction achieved by these schemes equate to 5,780 tCO<sub>2</sub>e. However, whilst this demonstrates a 49% against the 2016/17 baseline, this is not reflected in the over calculation as more areas have been captured in Scope 2 and 3. The measures will be in effect when performing the contract.

6.6.3. We are in the process of introducing further reductions including new LED lighting upgrades and new Solar Photovoltaic panels.

6.6.4. In the future we hope to implement further measures such as:

- Increasing the use of Electric Vehicles.
- The use of cracking technology to reduce the impact of harmful anaesthetic agents in the environment.
- Improvements through the New Hospital Programme through modern methods of construction to provide buildings with lower heat loss.
- Increase in Virtual Consultations and meetings to reduce travel and business mileage.

#### 6.7. Declaration and Sign Off

6.7.5. This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

6.7.6. Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

6.7.7. Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

6.7.8. This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

6.7.9. Signed on behalf of the Supplier:

Zoe Greatrex, Deputy Chief Performance, Partnership and Transformation Officer

Date: 13/08/2025

## 7. Dissemination and Implementation

This document will be shared on the Document Library.

## 8. Monitoring compliance and effectiveness

| Information Category                        | Detail of process and methodology for monitoring compliance                           |
|---------------------------------------------|---------------------------------------------------------------------------------------|
| Element to be monitored                     | Carbon Reduction emissions target                                                     |
| Lead                                        | Head of Performance Improvement, Governance and Compliance for Estates and Facilities |
| Tool                                        | Carbon Reduction Plan                                                                 |
| Frequency                                   | Annually                                                                              |
| Reporting arrangements                      | Trust Board through appropriate governance route                                      |
| Acting on recommendations and Lead(s)       | Departments and Care Groups Managers                                                  |
| Change in practice and lessons to be shared | Through Trust-wide communications                                                     |

## 9. Updating and Review

- 9.1. The Carbon Reduction Plan will be reviewed at least annually to provide an updated position.
- 9.2. The Carbon Reduction Plan will be reviewed following any update of the hospital Green Plan.

## 10. Equality and Diversity

- 10.1. This document complies with the Royal Cornwall Hospitals NHS Trust service Equality and Diversity statement which can be found in the [Equality Diversity And Inclusion Policy](#) or the [Equality and Diversity website](#).

- 10.2. Equality Impact Assessment

The Initial Equality Impact Assessment Screening Form is at Appendix 2.

## Appendix 1. Governance Information

| Information Category                                                     | Detailed Information                                                           |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Document Title:</b>                                                   | Carbon Reduction Plan V1.0                                                     |
| <b>This document replaces (exact title of previous version):</b>         | New Document                                                                   |
| <b>Date Issued/Approved:</b>                                             | 13 August 2025                                                                 |
| <b>Date Valid From:</b>                                                  | September 2025                                                                 |
| <b>Date Valid To:</b>                                                    | September 2026                                                                 |
| <b>Author/Owner:</b>                                                     | Phil Bond, Head of Performance Improvement, Governance and Compliance          |
| <b>Contact details:</b>                                                  | 01872 253400                                                                   |
| <b>Brief summary of contents:</b>                                        | Carbon Reduction Plan                                                          |
| <b>Suggested Keywords:</b>                                               | Carbon, Net Zero, Green Plan, Sustainability.                                  |
| <b>Target Audience:</b>                                                  | <b>RCHT:</b> Yes<br><b>CFT:</b> No<br><b>CIOB ICB:</b> No                      |
| <b>Executive Director responsible for Policy:</b>                        | Ella Stracey, Chief Performance, Partnerships and Transformation Officer       |
| <b>Approval route for consultation and ratification:</b>                 | Strategy Team                                                                  |
| <b>Manager confirming approval processes:</b>                            | Zoe Gretrex, Deputy Chief Performance, Partnerships and Transformation Officer |
| <b>Name of Governance Lead confirming consultation and ratification:</b> | Phil Bond, Head of Performance Improvement, Governance and Compliance          |
| <b>Links to key external standards:</b>                                  | See Plan for details                                                           |
| <b>Related Documents:</b>                                                | Cornwall and Isles of Scilly Heath and Care Partnership Green Plan             |
| <b>Training Need Identified:</b>                                         | No                                                                             |

| Information Category                                                                    | Detailed Information             |
|-----------------------------------------------------------------------------------------|----------------------------------|
| <b>Publication Location (refer to Policy on Policies – Approvals and Ratification):</b> | Internet and Intranet            |
| <b>Document Library Folder/Sub Folder:</b>                                              | Estates and Facilities / Estates |

### Version Control Table

| Date        | Version Number | Summary of Changes | Changes Made by                                                                                |
|-------------|----------------|--------------------|------------------------------------------------------------------------------------------------|
| August 2025 | V1.0           | Initial issue      | Phil Bond, Head of Performance Improvement, Governance and Compliance (Estates and Facilities) |

**All or part of this document can be released under the Freedom of Information Act 2000.**

**All Policies, Strategies and Operating Procedures, including Business Plans, are to be kept for the lifetime of the organisation plus 6 years.**

**This document is only valid on the day of printing.**

### Controlled Document.

This document has been created following the Royal Cornwall Hospitals NHS Trust [The Policy on Policies \(Development and Management of Knowledge Procedural and Web Documents Policy\)](#). It should not be altered in any way without the express permission of the author or their Line Manager.

## Appendix 2. Equality Impact Assessment

### Section 1: Equality Impact Assessment (EIA) Form

The EIA process allows the Trust to identify where a policy or service may have a negative impact on an individual or particular group of people.

For guidance please refer to the Equality Impact Assessment Policy (available from the document library) or contact the Equality, Diversity, and Inclusion Team  
[richt.inclusion@nhs.net](mailto:richt.inclusion@nhs.net)

| Information Category                                                                                                                | Detailed Information                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Name of the strategy/policy/proposal/service function to be assessed:</b>                                                        | Carbon Reduction Plan V1.0                                                                     |
| <b>Department and Service Area:</b>                                                                                                 | Estates and Facilities                                                                         |
| <b>Is this a new or existing document?</b>                                                                                          | New                                                                                            |
| <b>Name of individual completing EIA</b><br>(Should be completed by an individual with a good understanding of the Service/Policy): | Phil Bond, Head of Performance Improvement, Governance and Compliance (Estates and Facilities) |
| <b>Contact details:</b>                                                                                                             | 01872 253400                                                                                   |

| Information Category                                                                                                                      | Detailed Information                          |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>1. Policy Aim - Who is the Policy aimed at?</b><br><br>(The Policy is the Strategy, Policy, Proposal or Service Change to be assessed) | This is aimed at all staff and the Trust.     |
| <b>2. Policy Objectives</b>                                                                                                               | Planned reduction of Carbon to meet Net Zero. |
| <b>3. Policy Intended Outcomes</b>                                                                                                        | Provide details of current Net Zero plans.    |
| <b>4. How will you measure each outcome?</b>                                                                                              | Annual review of emissions.                   |
| <b>5. Who is intended to benefit from the policy?</b>                                                                                     | Everyone.                                     |

| Information Category                                                                     | Detailed Information                                                                                                                                                                             |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>6a. Who did you consult with?</b><br>(Please select Yes or No for each category)      | <ul style="list-style-type: none"> <li>Workforce: No</li> <li>Patients/visitors: No</li> <li>Local groups/system partners: No</li> <li>External organisations: No</li> <li>Other: Yes</li> </ul> |
| <b>6b. Please list the individuals/groups who have been consulted about this policy.</b> | <b>Please record specific names of individuals/ groups:</b><br>Estates and Facilities Senior Leadership Team, Strategy Team.                                                                     |
| <b>6c. What was the outcome of the consultation?</b>                                     | Agreed.                                                                                                                                                                                          |
| <b>6d. Have you used any of the following to assist your assessment?</b>                 | <b>National or local statistics, audits, activity reports, process maps, complaints, staff, or patient surveys:</b><br>National guidance on producing a Carbon Reduction Plan.                   |

## 7. The Impact

Following consultation with key groups, has a negative impact been identified for any protected characteristic? Please note that a rationale is required for each one.

Where a negative impact is identified without rationale, the key groups will need to be consulted again.

| Protected Characteristic                                                                            | (Yes or No) | Rationale |
|-----------------------------------------------------------------------------------------------------|-------------|-----------|
| <b>Age</b>                                                                                          | No          |           |
| <b>Sex</b> (male or female)                                                                         | No          |           |
| <b>Gender reassignment</b><br>(Transgender, non-binary, gender fluid etc.)                          | No          |           |
| <b>Race</b>                                                                                         | No          |           |
| <b>Disability</b> (e.g. physical or cognitive impairment, mental health, long term conditions etc.) | No          |           |
| <b>Religion or belief</b>                                                                           | No          |           |
| <b>Marriage and civil partnership</b>                                                               | No          |           |

| Protected Characteristic                                        | (Yes or No) | Rationale |
|-----------------------------------------------------------------|-------------|-----------|
| Pregnancy and maternity                                         | No          |           |
| Sexual orientation (e.g. gay, straight, bisexual, lesbian etc.) | No          |           |

**A robust rationale must be in place for all protected characteristics. If a negative impact has been identified, please complete section 2. If no negative impact has been identified and if this is not a major service change, you can end the assessment here.**

I am confident that section 2 of this EIA does not need completing as there are no highlighted risks of negative impact occurring because of this policy.

Name of person confirming result of initial impact assessment: Phil Bond, Head of Performance Improvement, Governance and Compliance (Estates and Facilities).

**If a negative impact has been identified above OR this is a major service change, you will need to complete section 2 of the EIA form available here:**  
[Section 2. Full Equality Analysis](#)

Appendix 3. Carbon Reduction Plan Template



Cabinet Office

Carbon Reduction Plan

Supplier name: Royal Cornwall Hospitals NHS Trust

Publication date: .....

This report contains several assumptions and caveats based on a report received by the Royal Cornwall Hospitals NHS Trust Board through the Finance and Performance Committee (November 2024).

Commitment to achieving Net Zero

Royal Cornwall Hospitals NHS Trust is committed to achieving Net Zero emissions by 2030. However, the RCHT Green Plan is under review and is expected to be published in October 2025.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

|                                                                                                                                                                 |                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Baseline Year: 2016/17                                                                                                                                          |                                                       |
| Additional Details relating to the Baseline Emissions calculations.                                                                                             |                                                       |
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| Baseline year emissions:                                                                                                                                        |                                                       |
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## Current Emissions Reporting

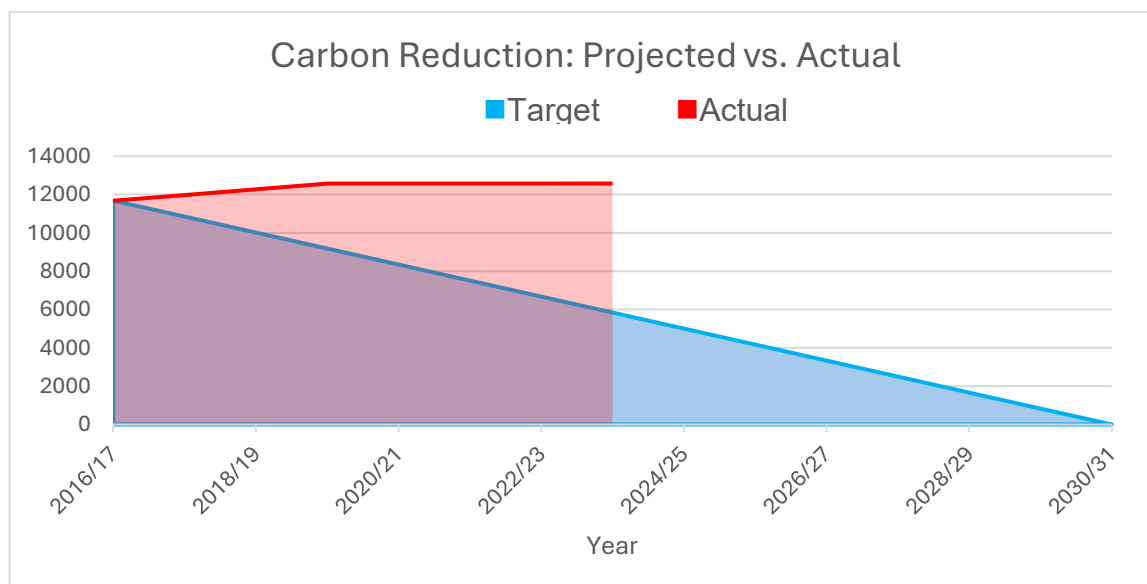
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# Carbon Reduction Projects

## 1. Completed Carbon Reduction Initiatives

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- Improvements through the New Hospital Programme through modern methods of construction to provide buildings with lower heat loss.
- Increase in Virtual Consultations and meetings to reduce travel and business mileage

## Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard<sup>3</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

## 2. Signed on behalf of the Supplier:

Zoe Greatrex, Deputy Chief Performance Partnership and Transformation Officer

Date: 13/08/2025

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<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup><https://ghgprotocol.org/standards/scope-3-standard>