

CTM 2030

Ein Hiechyd Ein Dyfodol

DATBLYGU CYMUNEDAU
IACHACH GYDA'N GILYDD



CTM 2030

Our Health Our Future

BUILDING HEALTHIER
COMMUNITIES TOGETHER



Sustaining our Future Goals

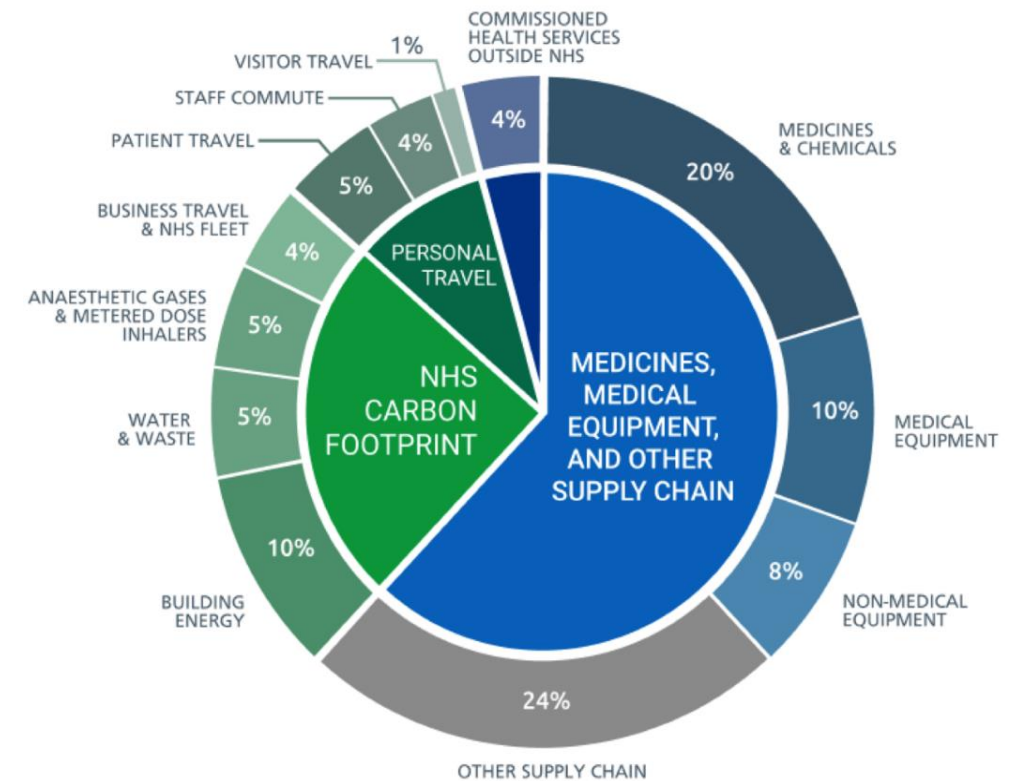
Work with staff, the public and CTM board agreed the following as our over-arching approach to ensuring we deliver our strategic goal of 'Sustaining our Future':

- Becoming a greener organisation
- Ensuring our services' financial sustainability
- Embedding value-based healthcare
- Ensuring our estate is fit for the future

As part of this work and in response to [Welsh Government's NHS Decarbonisation Delivery Implementation plan](#) we have developed a CMT Decarbonisation plan

Decarbonisation Policy Context

- The NHS is one of the largest contributors to the UK's total carbon footprint.
- Welsh Government (WG) declared a [Climate Emergency](#) in 2019 and expects the public sector to be net zero by 2030.
- WG have created a specific [NHS Decarbonisation strategy delivery plan](#).





CTM Carbon Footprint



Over the course of the 2020/21 we used:

- **35,400,103 kWh of Electricity** - that's the same as 6,000 family homes* would use annually
- **88,011,180 kWh of Gas** – that's almost what 10,000 family homes would a year
- **339,019,000 litres of Water** – the equivalent to almost 5,000 family homes annual water consumption

All our Electricity is Zero Carbon procured on an all-Wales basis under the Renewable Energy Guarantees of Origin (REGO) scheme

We work with Re:fit Cymru, the Welsh Government Energy Service programme helping us to make our buildings more energy efficient.

* The average 3 bedroom family home is used for these comparisons





CTM Carbon Footprint

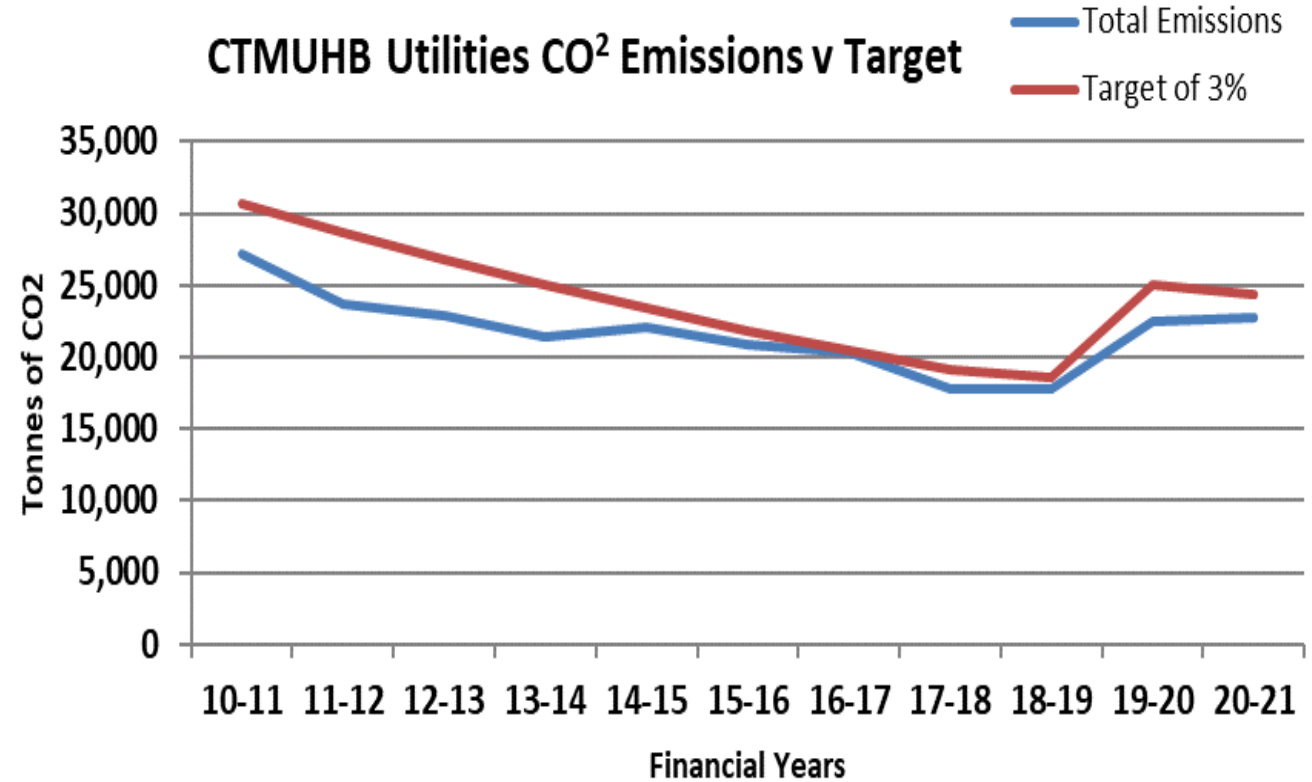


This chart shows carbon emissions from electricity & gas

For 2020/21 CTM emitted 22,711 tCO₂, below the target of 24,320 tCO₂.

We saw an increase in emissions in 2019/20 due to CTM boundary changes, adding 14 properties across Bridgend region.

CTMUHB Utilities CO₂ Emissions v Target



From April 2018 the target was aligned with the Welsh Government target of 3%.





Background



CTMUHB Decarbonisation Strategy

- The strategy builds on existing ongoing work from across CTMUHB
- Our ISO 14001 Environmental Management System and accreditation will support our decarbonisation journey
- Our staff group *Green CTM* provided input helping to shape the strategy and action plan
- We learnt from national networks





Vision Statement



Our Vision is to be a leader in sustainable healthcare delivery through collaboration and innovation with our staff, patients and local communities.

We will work together to achieve the ambitious NHS Wales Carbon Net-Zero target by 2030, implementing the suggested action plan.





Decarbonisation Themes



The ambitions and high-level actions are in 5 themes:

- People
- Our Buildings and land
- Sustaining our Future Care Services
- Travel and Transport
- Waste

Actions are outlined to 2026 to enable review and reinvigoration as per Welsh Government's decarbonisation plan





People



People covers a range of ambitious actions relating to our workforce to:

- Embed climate change theory into induction and Continuous Service Improvement
- Develop tools and support mechanisms to help individuals and teams to set and achieve local decarbonisation targets
- Expand our workforce via apprenticeships
- Develop a clear agile working policy
- Implement and monitor the strategy
- Support Green CTM members





Our Buildings and Land



Our Buildings and Land focuses on improving the energy efficiency of our buildings and making best use of our estate:

- Developing and implementing a 'Biodiversity action plan' to maximise and protect our green spaces
- Commissioning (2022/23) an external review of our estate to develop a costed carbon neutral implementation plan. Further to the review, business cases for capital and revenue investment to improve our buildings energy efficiency will then be required
- Work with our local authorities to develop solar and wind connections for our acute sites
- Reduce or remove nitrous oxide manifolds from our estate
- Improving our use of smart metering across our sites to target work to reduce our energy and water consumption
 - Supporting staff to understand and use our 'building monitoring systems' to drive down energy consumption





Sustaining our Future



Sustaining our Future Care Services focuses on embedding low carbon options into all of our work by:

- Developing and implementing CTM2030 Clinical Strategy and WISE (Wellness Improvement Service) with sustainable value based healthcare at their core
- Look to identify and champion greener prescribing and practices where possible:
 - Implement a cost neutral approach to inhaler prescribing
 - Adopt green endoscopy practices
- Develop 3rd sector services that support social and green prescribing and reduce pharmaceutical and medical interventions
- Embed digital referrals, booking systems, consultation and monitoring options across services

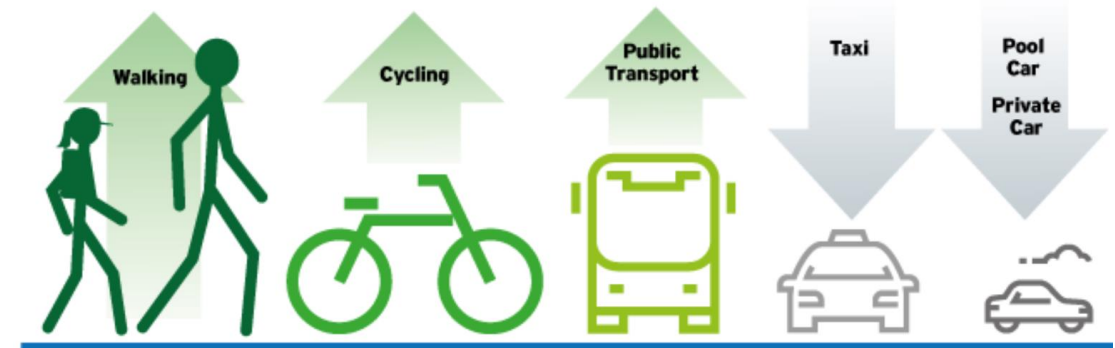


Travel and Transport



Travel and Transport covers:

- Reviewing our fleet use and staff mileage to improve efficiency
- Develop our approach to switching to electric fleet over time – establishing where charging points are needed (working with the National Grid)
- Developing a regional 'Healthy Travel Charter' to promote active travel options for staff and patients
- Creating more bike storage on our sites
- Further develop our agile working offer





Waste



Waste focuses on reducing, reusing and recycling through:

- Securing Cardiff Capital Regional Challenge funding to develop our regional approach to recycling and a circular economy based on innovation in recycling and medical equipment
- Raise staff awareness and understanding of waste segregation
- Work with local and central NWSSP Procurement colleagues to reduce the carbon footprint of medical products, specifically tackling packaging and non-identifiable plastic waste





Proposed Reporting: Decarbonisation Strategy

Planning, Performance & Finance Committee

Strategic Leadership Group

CTM Decarbonisation Strategy Group

- Meet via Teams 1x per quarter
- Bi-annual report to Management Board/ Welsh Government
- Annual presentation to Green CTM
- Members from existing groups as per below

Regional Approach

- Ad-hoc task and finish work with PSB partners as required, e.g. to complete Regional Healthy Travel Charter

Environmental Management Steering Group

- Annual Sustainability Report
- ISO4001 certification
- Progress reports on Energy, Waste, Travel & Transport, Car Parking, Sustainable Healthcare, Biodiversity and Climate Change

Green CTM

- Staff forum to share ideas and learning

Digital & Data Committee

- Digital strategy

Respiratory Health Implementation Group

- Inhaler prescribing

iCTM

- Recycling projects
- Sustainable QSI

People & Culture Committee

- Agile working in CTM
- Embedding climate change into OD offers

Energy Compliance Group

- Re: Fit programme
- Decarbonisation

Existing groups

A number of active groups and projects are already working to deliver carbon net zero agenda.

It is proposed that existing reports are used to monitor implementation.