

Health & Social Care Climate Emergency National Programme – NHS Wales Decarbonisation Action Plans

In completing the qualitative review document and providing any additional evidence of your organisation’s progress and delivery of your Decarbonisation Action Plan, the Climate Emergency Programme Team will be able to make an accurate assessment of your organisations progress and delivery in 2023-24.

The Programme Team reports its assessment to the Climate Emergency Programme Board and shares this with the Minister for Health and Social Services (MHSS) and WG HSS Executive Directors Team. The assessment also feeds into the annual WG HSS Joint Executive Team meetings held with every organisation and Chair’s assessment meetings.

1. Report general information

Organisation	Hywel Dda University Health Board	Date of Report	08.04.24	Report Prepared By Please include name, job title and email addresses	Sharon Hughes, Principal Programme Manager
DAP Senior Sponsor Please include name, job title and email address	Lee Davies, Executive Director of Strategy and Planning	Finance Allocated to Support Delivery (£s) Total figure of all funding allocated to support the delivery of your Decarbonisation Action Plan during 2023-24.	EFAB – c. £0.8m (LPG Project) ReFit: £40k (Framework fees) Heat network grant: c. £24k (PPH Site)	FTE Resource allocated to support delivery Resource specifically allocated to the delivery of your Decarbonisation Action Plan during 2023-24.	1/3 of a FT Programme Manager’s time.
Qualitative review agreed by/ to be agreed by (Board name or individual) Note this is new for the 2023-24 review. Date	Approved by Lee Davies, Executive Director of Strategy and Planning Sited at: Decarbonisation TFG and Sustainable Resources Committee	Date agreed	8.04.24		

Reporting Schedule:

Progress is to be reported annually at end of year. This form is to be submitted **on 14 April 2024** (covering the period 1 April 2023 to 31 March 2024).

Please attach:

- A copy of or a link to your organisation’s Decarbonisation Action Plan for this review period.

Completed form to be returned to: hss.performance@gov.wales

Reporting requirements:

Please provide an update for the reporting period which should focus on:

- Providing evidence of your progress and key achievements.
- High level key risks to delivery and mitigating actions.

2. Delivery progress RAG

RAG Rating: The Programme Team in assessing your qualitative review will use the following RAG descriptors to measure and score the organisation’s delivery progress against their Decarbonisation Action Plan.

Delivery Progress RAG Rating Guidance: Please use the following measures to assess the delivery progress of your Organisation’s Decarbonisation Action Plan (DAP).

Red	Majority of the DAP activity/actions have stalled and are not being delivered. High level risks and issues need to be mitigated to restart progress.
Amber	Majority of the DAP activity/actions are being delivered in part. Progress is slow, and/or delays due to existing low-level issues that need to be mitigated.
Green	DAP activity/actions are being delivered in full, are on track and progressing well within set timescales, budget, and scope.

RAG status of delivery against Decarbonisation Action Plan.					
Current RAG Status	Red	Previous RAG Status	Amber	Reason for current RAG delivery progress	<p>Risk to delivering NHS Wales Decarbonisation Strategic Delivery Plan by 2030 due to lack of investment/resource and as such, the UHB will not achieve the Welsh Government ambition for a net zero public sector by 2030, as outlined in the NHS Wales Decarbonisation Strategic Delivery Plan. The reasons for this are:-</p> <p>a) timescales for Health Board’s existing organisational transformational do not align to UHBs decarbonisation ambitions (e.g. AHMWW), with capital build process/regime impacting ability to drive forward changes to our estate.</p> <p>b) not securing sufficient funding for dedicated staffing and external specialist decarbonisation support to fully enable delivery.</p> <p>c) significant operational and financial pressures (targeted intervention) have impacted our ability to deliver the programme within planned timescales.</p> <p>d) current estate infrastructure/electrical capacity is aged and not fit for purpose to deliver decarbonisation improvements.</p> <p>f) the significant demand and competition for WGov and other relevant funding to be able to deliver decarbonisation feasibility and net zero initiatives successfully</p> <p>g) Lack of NHS systems and structures around climate change and decarbonisation/route to net zero to create the necessary internal priorities and the unrealistic expectation that this entire agenda will be delivered from within existing NHS resources that are already under significant pressure.</p>

3. Delivery confidence RAG

Confidence Progress RAG Rating Guidance: Please use the following measures to assess your organisation’s overall confidence of contributing towards the NHS collective minimum 16% reduction in emissions by 2025.

Red	Successful delivery of the initiatives/actions appears to be unachievable. There are major issues which at this stage do not appear to be manageable or resolvable.
Amber	Successful delivery appears feasible but significant risks and issues already exist requiring management attention. These appear resolvable at this stage if addressed promptly.
Green	Successful delivery of the initiatives/actions to cost/quality appears highly likely and there are no major outstanding issues that at this stage that appear to threaten delivery.

Provide the RAG status of the organisations overall confidence of delivering a minimum of 16% reduction in emissions by 2025.					
Current RAG Status	Red	Previous RAG Status	Amber	Reason for current RAG delivery confidence	Same reasons as highlighted above

4. Summary of key achievements

Summarise your key achievements

The NWSSP Decarbonisation Co-ordination Reporting (DCR) Team will provide the Programme Team with your Organisation's quarterly Progress Reports for Q1-Q3. If you are providing a progress update on actions/initiatives in the Q4 report, please copy that into this report.

These reports will be considered as part of the annual review on each organisation's progress and delivery of their Decarbonisation Action Plan.

Please provide any additional information below not submitted in Q1-Q3 reports or to be submitted in the Q4 report.

Procurement	<p>**See NWSSP submission for information**</p> <p>Locally:</p> <ul style="list-style-type: none"> – Awarded Improving asthma management in school contract - Educating pupils, parents and staff about all aspects of asthma to better equip them to manage their condition and the opportunity to switch from the traditional metered dose inhaler (MDI) to dry powder inhalers (DPI) which resulted in a decrease of 16kg CO2 per inhaler changed. – 10% weighting for 'sustainability' implemented across several tender activities.
Buildings, estates, land use and planning	<ul style="list-style-type: none"> – The Energy Performance Contract with Centrica continues to deliver guaranteed annual savings and carbon reduction. Since its commencement in March 2015, a total reduction in carbon emissions of circa 28,137 tonnes has been saved. – A new Energy Performance Contract is being arranged via the Refit 4 Wales Framework, with selection of a new partner planned in April 24. – Installation of solar canopies at South Pembrokeshire Hospital (target completion April 24). – The Liquid Petroleum Gas (LPG) project has been successfully delivered and replaces c. 70% oil consumption at Glangwili site, reduces carbon by c. 300 tonnes and provides a financial benefit in the region of £200k. – We successfully acquired Heat Network Efficiency Scheme (HNES) grant funding to the value of £24,000 to support an efficiency optimisation project at PPH to target heating efficiencies. Further applications submitted to secure grant monies for Glangwili and Bronglais Hospital optimisation study. – The first in NHS Wales Shared Prosperity' funded project in partnership with the National Botanic Garden of Wales that integrates biodiversity/green spaces across HDdUHB estates for health benefits/improvements. – Public Sector Low Carbon District Heat Project in Aberystwyth feasibility (on hold pending resources being made available) – Wildlife gardens implemented at Hafan Derwen and Withybush General Hospital – Water management – The Health Board partner with a company to manage and monitor water consumption to target efficiencies and minimise over consumption and costs. – Following implementation of the Solar Farm at Hafan Derwen, the energy performance between April and December 2023, comparing with the same period the previous year, consumption was 33% or 134MWh less electricity used and we spent 33% or £38,200 less on our electricity bill.
Transport	<ul style="list-style-type: none"> – EV Charging Points – feasibility study conducted, cost estimates for providing 7kW EV chargers at 10 main sites is approximately. £650,000. No suitable funding was identified/secured to fund this cost in 2023/24. – Pool Car Vehicles – transition from Internal Combustion Engine to self-charging Hybrid. As of March 2024, 10 of the 27 pool car vehicles are EV/hybrid. – Salary Sacrifice EV Scheme - As of March 2024, 75% of all vehicles supplied as part of the Health Board's lease car schemes are EV/hybrid. – The transport team have launched their Healthy Travel Charter making 14-16 commitments for reducing our carbon footprint over a 3-year period. – We launched a pilot project in partnership with Transport for Wales, securing a month of free bus travel for Hywel Dda UHB staff travelling to and from Glangwili and Bronglais Hospitals on the T1, T2 and T28 TrawsCymru bus services operating between Carmarthen and Aberystwyth via Aberaeron, Lampeter and Llandysul. This is the first ever free bus trial provided by TfW and has been extremely successful with over 600 passenger journeys in the first 3 weeks of the trial. Furthermore, due to its success, it has been extended until the end of April.
Approach to health care	<ul style="list-style-type: none"> – Switching inhaler devices continues in primary & secondary care. HDUHB is the leading health board for prescribing dry powder inhalers, and soft mist inhalers as opposed to pressurised metered dose inhalers and we have demonstrated the highest percentage increase quarter on quarter this financial year. – Carbon Literacy & Sustainable Healthcare training has been made available to all our staff via HEIW. The internal request for the 'Achieving Net Zero' e-learning module to be made mandatory for all staff was denied.

	<ul style="list-style-type: none"> – Project diverting nappy/sanitary product waste from land fill to recycling facility, this has created a 96% reduction in carbon and a c. 30k annual saving. The HB is planning on using the by-product for own road resurfacing supporting circular economy ambitions. – Organisation/Planning of the Welsh National Sustainability Conference and Awards.
Additional	<ul style="list-style-type: none"> – The ‘Switch it Off’ Campaign was launched in December to coincide with Wales Climate Week and COP28, encouraging colleagues across all our estates to switch off electrical items that do not need to be kept turned on. – Awarded the Platinum level of the Corporate Health Standard for our range of greenhouse gas reduction initiatives. – The HDUHB Executive Director of Strategy & Planning wrote to Deputy Director, Climate Change and Environmental Public Health Division in Welsh Government to highlight the significant risks around the lack of funding and investment for Decarbonisation initiatives and in delivering the strategic plan. – Decarbonisation Programme Internal Audit – limited assurance was given due to the uncertainty and lack of funding and investment for Decarbonisation initiatives and the lack of a having fully costed delivery plan which is also due to not having funding to conduct the necessary feasibility studies.

5. Risks

High level risks to delivery	Mitigating Measures
Datix risk 1544 on corporate risk register – Risk to delivering the NHS Wales Decarbonisation Strategic Plan due to the lack of funding and investment, an aging estate and lack of value for money due to higher costs of being early adopters of decarbonisation initiatives. NB – the lack of funding/investment and the ability to produce a fully costed plan (due to lack of funds/resource) was also highlighted in the HDUHB Decarbonisation Programme Audit report.	Exploring external funding options. Formally written to WGov Deputy Director, Climate Change and Environmental Public Health Division to highlight the risk and mitigation challenges.

Background information:

Wales has legally binding targets to deliver the goal of Net Zero emissions by 2050 this target is underpinned by an ambition for the Public Sector to be collectively Net Zero by 2030. Action is needed not only because NHS Wales continues to be one of the biggest public sector emitters but also because the health and social care system are at the forefront of responding to the impact of the climate and nature emergency on health outcomes. In response the Health and Social Care Climate Emergency National Programme has been established to support both National and Local action across the sector including the delivery of the *NHS Decarbonisation Strategic Delivery Plan 2021-2030* Decarbonisation Action Plans (DAP) form the basis of how organisations are implementing Delivery Plan initiatives and more generally demonstrate the organisation’s contribution to the collective ambition and target. This qualitative monitoring return supports the implementation of DAPs and the aims of the National Programme by providing a mechanism for reporting on progress and improvements.

NHS Wales Organisations are asked to report detailing the progress of their contribution to the Climate and Nature Emergency and associated targets as outlined in the organisation’s plan (Policy Assurance Quadruple Aim Four, Efficient Services).

Relevant Strategies and Guidance

- [Net Zero Wales](#) sets out the actions needed to meet Wales’s second carbon budget (2021-2025).
- [Prosperity for All; A Climate Conscious Wales](#) is the climate change Adaptation Plan for Wales. This plan provides the overarching framework for Adaptation Planning within Health and Social Care.
- [NHS Wales Decarbonisation Strategic Delivery Plan](#) provides an ambitious mandate for National and Local action across NHS Wales including the requirement for NHS organisations to produce Decarbonisation Actions Plans.
- The requirement for NHS Wales to develop plans in response to the Climate Emergency is referenced in the [NHS Wales Planning Framework 2022-2025](#). NHS Wales Chairs have also been briefed on the need for plans to reflect the milestones that need to be achieved to respond to climate change and achieve the goal of the Public Sector being collectively carbon neutral by 2030.
- Details of how NHS Wales will measure and report performance in health care are referenced in the [NHS Wales performance framework 2023 - 2024](#).
- Best practice and case studies from NHS Organisations can be found:
 - [Home | Green Health Wales | Iechyd Gwyrdd Cymru | Sustainable Healthcare Network](#)
 - [How NHS Wales is responding to the climate emergency | NHS Confederation](#)
- The [Public sector net zero reporting guide](#) provides a guide and reporting requirements for the public sector in Wales to estimate their net carbon footprint, including direct and indirect emissions.