

NHS Board Meeting
27 October 2021

Lanarkshire NHS Board
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SUBJECT: 2021/21 PUBLIC SECTOR CLIMATE CHANGE DUTIES REPORT

1. PURPOSE

The purpose of this paper is seek approval from Board Members for submission of the 2020-21 Public Sector Climate Change Duties report (PSCCD). This paper acts as a summary of the full PSCCD report, which is available electronically in Excel format.

2. ROUTE TO THE BOARD

This paper has been prepared by the Head of Sustainability and Environment Manager and endorsed by the Sustainability & Environment working Group, which is a cross purpose working group chaired by the Director of Property, Planning & Performance.

3. SUMMARY OF KEY ISSUES

This paper is to update the Board on NHSL Sustainability & Climate Change performance and reporting requirements for 2020-21.

Scotland as a whole has almost halved emissions since 1990 and NHS Lanarkshire has made the most progress of all Scottish Boards in meeting national energy & emissions targets since monitoring and reporting began in 1990. This has been achieved mainly through;

- Property Rationalisation.
- Ongoing identification and funding of energy efficiency and carbon reduction measures, including;
 - o Upgrade & replacement of equipment with energy efficient alternatives
 - o Combined Heat & Power
 - o LED lighting
 - o Upgrading controls
 - o Insulation & draught proofing
 - o Replacement of oil fired boilers
 - o Replacement of gas fired boilers and burners with more efficient models

It is hugely encouraging to note that NHSL have reduced emissions by 74% against the Scottish Government target of 75% on a 1990 baseline. In September 2020 a paper was submitted to PPRC on the Sustainability Workplan, setting out the Board's progress on the National Sustainability Assessment Toolkit and noted that work is underway on the Boards first Sustainability & Climate Change Strategy that will set out the Board's plans to reach net-zero by 2045 at the latest.

Whilst we have seen a slight uplift in emissions for year 20/21, NHS Lanarkshire remains on course to achieve the aforementioned Scottish Government target by 2030. Increases in emissions can be attributed to the following:

- Increased mains electricity use due to the combined heat and power plant (CHP) being out of commission at University Hospital Wishaw for the majority of the year;
- Increased activity, and therefore energy consumption, attributable to COVID-19;
- Increases in the conversion factor for fossil fuels, increasing the emissions as a result.

4. STRATEGIC CONTEXT

Through the Climate Change (Scotland) Act 2009, all Public Sector Bodies have been named ‘major players’ and must report to Scottish Government through Public Bodies Climate Change Duties (PBCCD) Reporting. NHS Lanarkshire have been reporting annually in November through the Scottish Government online portal for the last 5 years.

The aim of the reports is to;

- Improve the quality of climate change data.
- Standardise reporting methodology across the public sector.
- Encourage transparency.
- Guide future Scottish Government strategic reports, support and policy-making
- Improve engagement with leadership

5. CONTRIBUTION TO QUALITY

The annual review ensures that all activities are carried out in a sustainable manner with due care for the environment against the requirements outlined in the current CEL 2 (2012) which are described in the following table;



6. MEASURES FOR IMPROVEMENT

The immediate challenges for NHS Lanarkshire is to identify and prioritise climate change impacts posing the greatest threat to the organisation. This is part of the Workplan for 2021-22 and will be carried out using the newly developed NHS Scotland Climate Change Risk Assessment Toolkit by November 2021.

The following table shows NHS Lanarkshire reported carbon footprint since reporting began in 2014-15.

Year	Scope 1* (tCO ₂ e)	Scope 2* (tCO ₂ e)	Scope 3* (tCO ₂ e)	Total tCO ₂ e	Comments
2014/15	13,630	17,189	3,223	34,042	Baseline footprint is 2014 -15 in line with other NHS Scotland Boards.
2015/16	16,989	15,528	3,283	35,800	
2016/17	14,862	14,966	3,383	33,211	
2017/18	15,833	12,488	2,589	30,910	
2018/19	16,635	9,010	2,606	28,251	
2019/20	16,370	7,307	380	24,057	
2020/21	16,011	7,648	888	24,546	

*The GHG Protocol Corporate Standard classifies GHG emissions into three ‘scopes’. Scope 1 emissions are direct emissions from owned or controlled sources. Scope 2 emissions are indirect emissions from the generation of purchased energy. Scope 3 emissions are all indirect emissions (not included in scope 2) that occur in the value chain of the reporting organisation, including both upstream and downstream emissions.

7. FINANCIAL IMPLICATIONS

In order to meet the ambitious Scottish Government targets noted above a wide range of energy efficiency and low carbon initiatives will require to be identified and implemented within the timescales noted.

NHSL are currently working with Health Facilities Scotland on an audit programme as part of the “Route To Zero” strategy. Projects identified as part of this work will be developed into business cases and submitted to CIG for funding on a case by case basis.

8. RISK ASSESSMENT/MANAGEMENT IMPLICATIONS

There is currently a reputational risk that the Board would fail to meet NHS Scotland and Scottish Government targets as follows;

- 56% lower than the baseline of 1990 by 2020
- 75% lower than the baseline of 1990 by 2030
- 90% lower than the baseline of 1990 by 2040

It is also known that investment is required in the gas and electricity generation industries in the coming years to ensure renewable energy generation targets are met. This means that utility costs are likely to increase annually. As such energy efficiency and dependence on more renewable electricity and heat will limit NHSL exposure to fluctuations in costs.

9. FIT WITH BEST VALUE CRITERIA

NHS Lanarkshire is committed to delivering world-leading and high quality innovative health and social care that is person-centred. This commitment supports Scottish Government’s five strategic objectives of a Scotland that is “Wealthier and Fairer, Smarter, Healthier, Safer and Stronger and Greener”.

10. EQUALITY IMPACT ASSESSMENT / FAIRER SCOTLAND DUTY

An EQIA is currently being carried out on the wider Sustainability Work Programme and is in the early stages of development.

11. CONSULTATION AND ENGAGEMENT

Not Applicable.

12. ACTIONS FOR THE BOARD

Approve	<input checked="" type="checkbox"/>	Accept the assurance provided	<input type="checkbox"/>	Note the information provided	<input checked="" type="checkbox"/>
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The Board is asked to

- Note the content of the report and support delivery of the resulting Action Plan from the Sustainability Assessment Toolkit 2020 – 21; and
- Approve for submission the Board's Public Sector Climate Change Duties report prior to the 30th November deadline.

13. FURTHER INFORMATION

For further information about any aspect of this paper, please contact:

Colin Lauder, Director of Planning, Property & Performance
20th October 2021