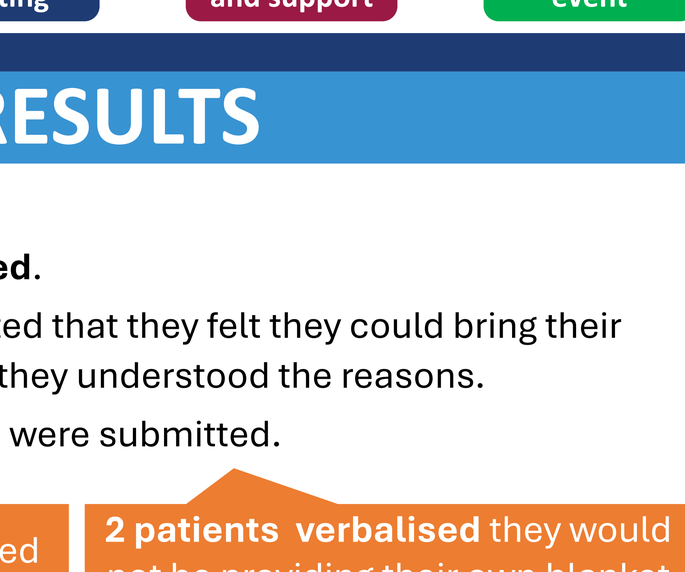
Trying to reduce carbon emissions by empowering in-centre haemodialysis patients to bring their own blankets and cups

INTRODUCTION

Reducing carbon emissions from in-centre haemodialysis (ICHD) is one of the key priorities for the **Yorkshire and Humber Kidney Network (YHKN).** In partnership with the **UK Kidney Association (UKKA) Kidney Quality Improvement Partnership (KQIP),** a regional project was set up. This project was named **Trying to Reduce UnNecessary Carbon in Haemodialysis (TRUNC_HD).**



The aim of the project was to **reduce carbon emissions by empowering in-centre haemodialysis patients to bring their own blankets and cups by June 2024**

Image X Y&H TRUNC-HD Programme

Jan – March 2024	March	April – June	June	July – Sept	Sept	Oct – Dec	May 2025
Unit face to face QI training and support	Y&H virtual sharing progress meeting	Unit face to face QI training and support	Y&H virtual sharing progress meeting	Unit face to face QI training and support	Y&H virtual sharing progress meeting	Unit face to face QI training and support	Y&H face to face celebration event

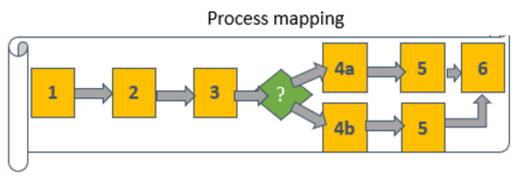
METHODS

Project leads were identified and participated in the **Y&H TRUNC-HD programme (see image X). Some QI tools and concepts used to help shape and develop ideas:**

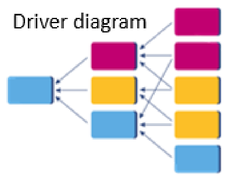
Stakeholder analysis



Process mapping



Driver diagram



- A patient survey was developed to gain understanding of patients' thoughts on the potential change providing baseline data.
- Unit staff shared leadership in the project.
- After patients and staff agreed, patients started to bring in their own blankets and cups

Before and after the implementation of changes, data was collected to calculate the **environmental, financial and social impact** of the project

RESULTS

Patient survey:

- **80 patients responded**.
- **100% of patients** stated that they felt they could bring their own blanket and that they understood the reasons.
- No written comments were submitted.

3 patients verbally stated they did not have a blanket to bring to the unit

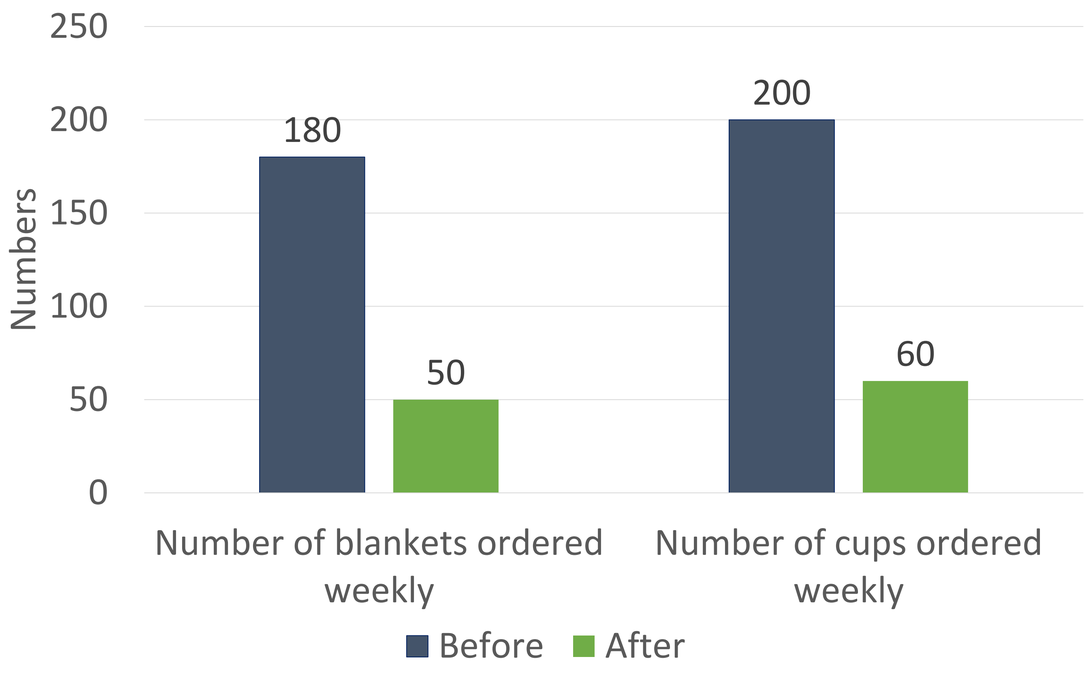
2 patients verbalised they would not be providing their own blanket due to feeling the change was financially motivated and inconvenient for them.

Staff comments:

- **Patients have more conversation with each other** discussing their blankets and cups
- The unit is more vibrant with the different colours.
- **Culture shift** on the unit

RESULTS

kgCO2e = kilograms of carbon dioxide equivalent*



Total carbon savings

1.4 – 1.7 kgco2e*

CONCLUSION

Project highlights how **patient involvement** can drive small but impactful changes. Estimated reductions demonstrate potential benefits.

Initial barriers overcame by **staff encouragement and determination**

The project raised awareness:

- **carbon reduction strategies**,
- provided insights into **KQIP methodology**,
- and **gained recognition** (other units in the region adapting project)

There are plans to source **a welcome pack for patients** which will include their own blanket and mug

INSERT CONTACT DETAILS

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