

Customer Case Study

Reducing environmental impact in the laboratory



Royal Oldham Hospital Laboratory was seeking solutions to reduce its environmental impact quickly

Northern Care Alliance – The Royal Oldham



Oldham, United Kingdom



Lab Profile

The Royal Oldham Hospital is the first UK lab to adopt FlexLab X, supporting biochemistry, serology, haematology, and coagulation services across the Northern Care Alliance NHS Foundation Trust.



Challenge

- The Northern Care Alliance NHS Foundation Trust has a strong commitment to greener, more responsible healthcare practices.
- Because clinical labs have a major environmental impact, the Royal Oldham Hospital biochemistry laboratory aimed to support this commitment with measurable outcomes.



Risk

- High upfront costs for audits, certification or infrastructure upgrades.
- Choosing a partner with weak credentials or a poor reputation could compromise certification and might reflect negatively on the laboratory.
- Disruption of workflows during certification and implementation of greener practices.
- Inability to quantify and report to the Trust the costs or savings from implementing greener practices.
- Risk of greenwashing if improvements are superficial or not verified.

[Learn more about sustainability for clinical labs](#)

My Green Lab Certification drove culture change and measurable outcomes at the Royal Oldham Hospital Laboratory



Solution

The three pillars of the program:

- **Engagement Survey** helps identifying current and new sustainable practices
- **Assessment Tool** determines a large portion of your Certification score and acts as a project management tool
- **Impact Estimator** provides measurable resource impact and cost savings for the laboratory

Considered as the gold standard for life sciences laboratory sustainability best practices around the world.



my green lab.
Certification



Outcomes of My Green Lab Certification



Energy

↓ 94,864
kWh/year



Water

↓ 137,000
liters

Platinum

-level My Green Lab certification

\$46,284

in cost savings in a year

1,442%

return on investment for NCA NHS Trust generated by My Green Lab Certification

“The My Green Lab project confirmed that the biochemistry department at The Royal Oldham Hospital, which is part of Northern Care Alliance NHS Foundation Trust (NCA), was already well under way in implementing strategies to work towards delivering a Net Zero NHS. Taking part in the My Green Lab certification program has helped raise awareness in the laboratory with staff and is expected to create a positive culture change with staff working together towards the NCA Green Plan.”



Lubomyra Szymanskyj
Technical Manager

The statements by Siemens Healthineers' customers described herein are based on results that were achieved in the customer's unique setting. Because there is no "typical" hospital or laboratory and many variables exist (e.g., hospital size, samples mix, case mix, level of IT and/or automation adoption) there can be no guarantee that other customers will achieve the same results.

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