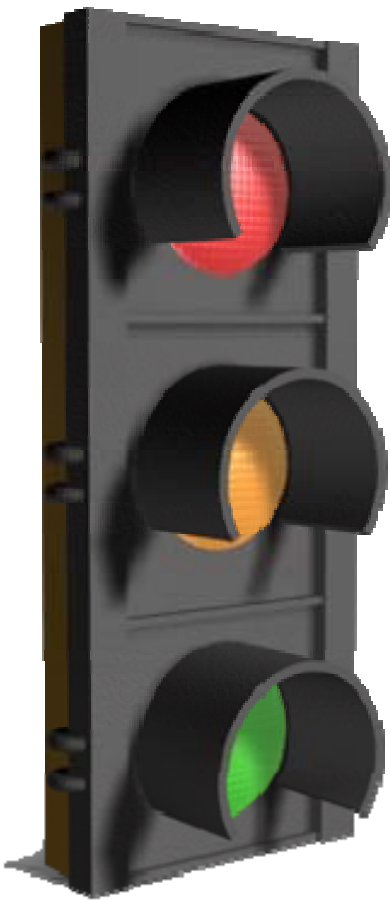


**BOTTOM UP APPROACH TO RESOURCE EFFICIENCY
FOR CARBON REDUCTION**

RENAL UNIT GREEN PROJECT



Guidance on setting performance indicators can be found at:

<http://sap.greenerhealthcare.org/sap-resource-efficiency-tool-14-setting-targets-and-kpis>

THE PROJECT

Our Green project has been developing since autumn 2008 with the participation of Renal Unit staff and patients to cover a range of mitigation and adaptation issues to address a resource efficiency action plan.

Integrating the green project template into the Renal Unit operation policy has had positive outcomes for staff, patients and the organisations strategic planners.

The bottom up approach was successful in reducing some carbon outputs, where local decision making was made by front line staff and patients on methods of care delivery, purchasing of dialysis stock and use of hotel services. Cost avoidances and evidence of carbon reduction has been extremely encouraging and motivating.

Actions for reducing carbon from energy consumption were difficult with no changes on lighting control, heating control and water reuse.

Key performance indicators where identified in the following areas;

- Energy/lighting
- Energy/heating
- Pharmaceuticals
- Water (from reverse osmosis unit)
- Water reduction
- Transport (patient)
- Transport (staff)
- Food waste
- Effects of Climate Change
- Human Resource Management
- Treatment Programmes
- Recycling of raw materials

- Minimise the use of all packaged / disposable physical resources

Internally, the Renal Unit aims to support productive ward projects and will help steer the Organisation's green agenda through participation in the newly formed strategic carbon reduction group.

Externally the Green action plan initiatives have been communicated to UK renal units through signposting from Donal O' Donoghue's blog and the Campaign for Greener Healthcare.

Both national and local media have supported our project.

The Royal Cornwall Hospital Renal Unit is motivated to managing its own carbon agenda and will always be delighted to support partners.

OBJECTIVES OF THE PROJECT

- Reducing physical resource waste.
- Improving partnerships with patients.
- Improving operation efficiency.
- Evidence of carbon reduction.
- Evidence of cost avoidance.

PROCESS

Development of a traffic light action plan following staff and patient consultation to address carbon reduction in procurement, heating/ energy and transport.

Communication with stakeholders and suppliers to reduce deliveries, explore reasons for waste and select alternative sustainable physical resources and methods of delivering care.

CONTACT

Simon.Edwards@rcht.cornwall.nhs.uk
Rob.Parry@rcht.cornwall.nhs.uk