

# Adapt Consulting Company Limited

**Task: Energy Saving Review of systems and behaviours to reduce electricity bill of £2million and boost environmental credentials.**

**ROLE:** Business Analysis / Consultancy

**ISSUES:** The organisation has an electricity bill of £2million. However because everybody uses electricity and nobody owns electricity there was no responsibility or accountability for the bill or drive to reduce costs or create efficiencies.

**ACTION:** Key steps: [1] Took a top-level look at electricity usage across the business from big infrastructure to small office consumption and worked with people passionate about environment and ecology to create a series of big projects and small initiatives. [2] Big projects substantially looked at solar, grey-water and CHP technologies [3] Big small initiatives substantially looked at LED lighting, and education to get people to switch-off items when not in use. [4] Worked to gain controls over electricity usage by reviewing the metering systems for the organisation in an attempt to understand consumption zone-by-zone and department-by- department [5] Also reviewed electricity usage of customers who use business services and who ostensibly should be paying for heat, light, electricity but frequently are not because of errors of admin, finance or metering systems. [6] Progressed a major capital project replacing floodlighting systems, which saved a lot of money. [7] Progressed a review, report and recommendations on metering systems to establish a better method for re-charging and revenue protection.

**OUTCOME:** Better awareness of environment and ecology issues and reduction in electricity usage across the business. Better awareness of re-charging and revenue protection.

**TESTIMONY:** Tim Rogers led a number of energy saving initiatives as part of a drive to reduce costs. This included some analysis and review of electrical and utility metering, costs and charges. As part of this we undertook a review to rationalise the various metering systems for the harbours and airport both on land (buildings) and water (berths).The project identified a number of cost saving and commercial opportunities which we hope to take advantage of. In addition to this, Tim co-ordinated the delivery of a complex and detailed requirements document for the replacement of the current system. The combination of these works has equipped us to move forwards with confidence to deliver enhancements to our energy use, monitoring and charging systems **Steve Le Lere (2016)**