Protecting the environment

As the UK market leader, NCP is committed to reducing the environmental and social impact of our car parks' activities on the communities in which we operate.

We have reduced our CO_2 emissions by more than 5,600 tonnes since 2006. Not only does 92% of our energy now come from carbon neutral sources, we have also reduced our overall energy consumption by 15%.

Some of the ways in which we have done this include the introduction of:

- **New state of the art electricity meters** to monitor electricity use at our car parks in real time, enabling us to address any over-consumption
- **Intelligent lighting controls and wireless movement detectors** to ensure that lights are only switched on in parts of the car park that are in use, or where natural lighting levels are insufficient – yielding a reduction of 20 million kilowatt hours each year
- **Modern car park ventilation with variable speeds** reducing electricity consumption by a further 275,000 kilowatt hours.

Reduce, Reuse, Recycle

We are continually looking at ways of reducing consumption still further. Our operations team are required to *Reduce*, *Reuse and Recycle* wherever possible.

NCP has an ongoing programme to replace mains powered car park payment machines with solar and wind powered ones across our estate. And we incorporate environmentally friendly measures in the design of new car parks – for example, at our new Addenbrooke's hospital multistorey car park in Cambridge, we have included a roof to reduce light pollution together with a wind turbine and photovoltaic panels to supply energy to parts of the car park.

We also encourage and assist our customers to reduce their carbon footprint. Bay monitoring technology reduces circulation time by up to four minutes, thereby reducing emissions; and we have installed electric charging points in our car parks for electric cars. In Manchester, we are piloting the Green Badge scheme, giving discounted parking to drivers of cars with low carbon emissions.

Technical Services Director, Tim Duke, who has led NCP's activity in this area explained: "By managing the environmental aspects of our business activities more effectively, NCP is ahead of the game when it comes to compliance with environmental legislation, and is making a positive contribution towards reducing the effects of climate change".