



**ENVIRONMENTAL OBJECTIVES AND TARGETS
January 2011 to December 2011**

Objectives and targets will be annually reviewed as part of the management review meeting.

Progress against objectives will be assessed as part of the management review meeting.

<p>Objective 1: To monitor and reduce CO₂ produced through combustion and electricity processes managed directly by KING STURGE as a shopping centre portfolio. To reduce consumption where possible and maintain performance where reductions not viable</p>	<p>Relevant Links Carbon Trust</p>		
<p>Project Leader: Environmental Manager John Hopkins (EM)</p>	<p>Location: CrownGate</p>		
<p>Background to Objective: CO₂ is produced from all King Sturge (JLL) managed shopping centre's through the use of heating, cooling, lighting and general electricity use and KING STURGE is aware that it is contributing to climate change. This objective only relates to the energy consumed directly by KING STURGE in those areas of landlord demise, although the company recognises its role in influencing tenants to reduce their energy consumption.</p> <p>Further to the environmental advantages a reduction in CO₂ will result in energy costs being kept as low as possible bearing in mind the recent rises in energy costs.</p>			
<p>Targets</p> <ol style="list-style-type: none"> To monitor and maintain accurate data and regular central reporting - monthly To investigate 15% fluctuations in utility consumption over the previous year To operate equipment at maximum efficiency, within capabilities of equipment Build tenant awareness of energy efficiency and particularly consumption with the medium term objective of tenants participating in reduction initiatives. Encourage clients to consider more energy efficient equipment Initiate and investigate new environmental systems for the benefit of CrownGate and it's users 			
<p>Actions Required</p> <ol style="list-style-type: none"> Centre management and Power Efficiency to read electricity and water meters at monthly Power Efficiency to produce total CO₂ production figures for sites Environmental Manager to investigate 15% fluctuations in monthly use over previous year Environmental Managers to provide tenants with regular updates on energy data and information on reducing energy. At least twice yearly via newsletter Sign up to participate in Earth Hour. Participate in Earth Hour March 2012 	<p>Responsibility</p> <p>EM</p> <p>EM</p> <p>EM</p> <p>EM</p> <p>EM</p>	<p>Timescale</p> <p>monthly 2011</p> <p>Quarterly 2011</p> <p>monthly 2011</p> <p>Quarterly</p> <p>Annual</p>	<p>Completed</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p>

Specific Targets 2011

Site	Target	Reporting/target date
CrownGate, Worcester	Maintain water consumption at 2010 levels within 2%	Quarterly
	Reduce electricity consumption by 2% based on 2010 levels	Quarterly
	Install minimum of 2no electric car charge points	December 2011

Objective 2: Implement improved waste segregation and monitoring – meet recycling targets and reduce waste to landfill	Relevant Links Envirowise Envirowise – Free Site Visit Recycle More Lets Recycle Recycle Now		
	Project Leader: Erica Burlace	Location: CrownGate	
Actions Required ALL CENTRES 1. Raise awareness of recycling at tenants meetings, tenants inspections and through newsletters. Provide data on waste produced and recycled. At least six monthly 2. Report on progress against targets quarterly through management review	Responsibility EM EM	Timescale Bi Annually Quarterly	Completed Ongoing Ongoing

SUMMARY OF RECYCLING TARGETS 2011

Site	Targets set	Reporting/By when
CrownGate	To reduce landfill to 38% of overall waste To continue to reduce mass kilograms of landfill	End of Dec 2011

Objective 3: To reduce environmental impact of activities and purchases made by shopping centres and that of contractors.			
Relevant Links Waste Recycling Advisory Panel – Procurement			
Project Leader: Erica Burlace		Location: CrownGate	
Background to Objective: KING STURGE in undertaking its activities purchases and contracts services, both of which will have an impact on the environment. Through careful control this impact can be controlled.			
Actions Required	Responsibility	Timescale:	Completed
1. Contractors to complete environmental risk assessments for PPM and contracted tasks	EM	June Dec 2011	
2. Centre management to log top ten consumables on site and review how sustainable supply is	EM	June Dec 2011	

Objective 4: Ensure compliance of liquid effluent produced			
Relevant Links List of Sewerage Undertakers			
Project Leader: Erica Burlace		Location: CrownGate	
Background to Objective: Shopping Centres would generally be deemed to produce a ‘domestic’ effluent consisting of cleaning and sewerage. However, this cannot be presumed and certain ‘high risk’ tenants may produce effluents that contain potentially hazardous substances, e.g. dry cleaners and catering outlets. Furthermore, the chlorination of water tanks may produce an effluent that requires appropriate disposal.			
Actions Required:	Responsibility	Timescale	Completed
1. Environmental Manager to identify high risk tenants and likely contaminants to effluent	EM	: June Dec 2010	
2. Environmental Manager to check Severn Trent waste discharge conditions remain unchanged	EM	June 2010	

Objective 5: Implement measures to reduce employees, tenants, contractors and visitors on single occupancy car journeys to and from work

Relevant Links
[Travel Plan Publications](#)
www.worcestercountycouncil.gov.uk

Project Leader: Erica Burlace

Location: CrownGate

Background to Objective:
Travel to and from a shopping centre is likely to significantly impact on the local environment, causing congestion at peak times and the associated pollution. For some centres the opportunity to provide alternative methods of transport to and from the Centre will increase the number of people attending the Centre. Also by reducing the number of tenant, contractor and employee cars being parked in the shopping centre car parks will lessen the pressure on car parking at peak times.

It is recognised that transport is an emotive subject and the shopping centre management has a limited control over transport in the area. KING STURGE must ensure that any transport initiatives increase access to the centre and must not hinder visitor's progress to site.

Targets:
1. To lobby for continued full public bus services, to offer reduced rate parking and car share facilities, to install electric car charge points to encourage CE friendly users

Objective 6: To increase environmental awareness within our buildings and tenants

Project Leader: Erica Burlace

Location: CrownGate

Background to Objective:
It is recognised that our centres can play a part in raising awareness of environmental issues through of management of schemes and the numbers of tenants and occupiers that we come into contact with.

Targets:
1. Environmental Managers – Continue working with local and county council on hosting environmental awareness days within the Centre (including contractors, tenants and other interested parties)
2. Environmental Manager to continue with newsletters
3. Environmental Manager to continue with Environment as agenda item for staff and tenant meetings