



GREEN ADVISORY SUMMARY

Green Tourism Business Scheme - England

CONTACT NAME:	Dr Ben Todd	ESTABLISHMENT:	Arcola Theatre
ADDRESS:	27 Arcola Street London E8 2DJ	DATE OF VISIT:	28th November 2007
		AUDITOR:	Jonathan Proctor
		MEMBERSHIP Code:	LO Pilot

Following our on site Visit we can confirm that you have achieved the following level or award/membership in the green tourism business scheme. We will display your award on our website and can provide digital images for your own use.

Level of membership	Going Green	Your percentage is	34%
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OVERALL COMMENTS

Site is below the requirements to achieve a Bronze award at present. The staff team do have objectives to be the greenest theatre but some of these objectives rely on significant financial support. At the present time the business could establish a plan with specific projects to ensure all theatre goers get some practical concept of the green issues and achievements to date. Will start energy monitoring and could also keep a tally of water and travel issues to prove the actions taken and develop a good more carbon friendly explanation of the building and its practical management. Metering systems are complicated but with appliance monitors such as cost plugs and an enthusiastic green team significant benefits may be achieved which will show through in green grading. Site may then consider further awards such as the BCE, ISO14001 and queens award.

RECOMMENDATIONS & ACTIONS

Measure	Recommendation
Green Management File	not established as yet could develop inventory of equipment and review existing performance and set practical projects for green team
Monitoring: Waste & Recycling	could keep a tally of quantities and volumes of products recycled etc could look at changing purchasing arrangements to avoid waste
Monitoring: Travel and transport	could consider monitoring how staff and guests arrive possibly periodic travel surveys looking at links with transport for london
Green Marketing	could develop further with marketing officer gauging visitor interests and building green messages into theatre info
Green Events Package (HO/VA/CO only)	should do a green theatre week and alter standard products to green alternatives as an awareness action and change to business and get feedback
Joint marketing with other GTBS members	could develop this idea as a joint green initiative with other theatres possible linking offers and tickets GTBS could look at a green card next year as part of ongoing developments
Community work on Local Environment	could look at having more outdoor related activities for green team as a team building and awareness programme
Local social community projects	a wide range of community and social activities related to social interpretation and comment and participation
International Social Responsibility Projects	could develop this further and use theatre as a springboard for broader community development and exchange projects
Use of A-rated air conditioners and refrigeration	some old units need to be replaced with A rated units (eca.gov.uk for commercial lists) glass fronted units some poor seals cost plugs will reveal saving potential likely £60/annum/unit

Whole-system heating and cooling controls (HO/ VA/CO)	could develop zone controls with major refurb plans
Boiler Maintenance and Burn Efficiency	should keep records of the boiler efficiency with annual services
Roof Insulation	could look at options and a programme of increasing insulation levels look at eco-wool.co.uk
Thermostatic settings on heating air conditioners and hot water	no zone stats should ensure any general wall stat controls are set to 19c domestic hot water at 55-60c
Water Flow through Taps – Basins and Sinks (8l)	flow rates are reasonable
Self-closing or sensor Taps	could consider self closing taps in case guests leave taps running
Urinal Controllers or Waterless Urinals	worthwhile installing a PIR detector to reduce flushing periods between shows
Low flush toilets	should install a bottle in cisterns to reduce flush volume and switch to ifo cera or other low flush dual units in refurb
Water efficient washing machine	could consider A rated units
Water Efficient Dishwasher and Kitchen	commercial glass wash is old could look at ECA.gov.uk for water technology list from government
Chlorine-free cleaners	could switch to a chlorine free toilet cleaner and general floor cleaner (alternatives use acetic/citric acid, alcohol or orange oil)
Paper products in housekeeping	possibly some recycled in paper towels but not toilet rolls should change to 100% recycled products or look at chlorine free etc
Drinking Water	should look at britas type small filter and offer water jugs with ice as a cheaper local water alternative
Electric and electronic equipment	should ensure any older electrical appliances are taken away with new supplies as part of WEEE directive
Hazardous waste disposal	need to ensure fluorescent tubes batteries and cfl units are recycled
Staff Travel (not SSA)	many staff cycle could keep an annual travel log to demonstrate how site is minimising its carbon footprint
Business Vehicles are Ecofriendly	could promote green tomato cabs and other eco alternatives
Carbon management	objectives to become carbon neutral should start by converting existing emissions to their carbon use

GREEN TOURISM BUSINESS SCHEME - SITE AUDIT REPORT

SITE NAME:

Arcola Theatre

DATE: 28th November 2007

AUDITOR : Jonathan Proctor

Code LO Pilot

Key to symbols	<input checked="" type="checkbox"/>	This measure has been completed or partly completed and has been scored
	<input checked="" type="checkbox"/>	This measure has not been scored and reviewed in this advisory assessment but has been tackled to some extent
	<input type="checkbox"/>	This measure is a recommended action to be completed

No.	Measure	Nos	Score	Action / Comments
Compulsory				
1.1	Commitment to Sustainability	<input checked="" type="checkbox"/>	5	Dr Ben Todd
1.2	Minimum Standards and Risk management	<input checked="" type="checkbox"/>	4	
	No pollution risk from oil tanks and car parks			
	Suitable waste containment and disposal (including			albany waste services
	Proper chemical storage			
	Good general maintenance			
	Litter and visual impression			generally good waste management has a skip at back which could do more effective waste minimisation (new project planned)
1.3	Annual Performance Information	<input checked="" type="checkbox"/>		need to return forms would be interested in any standard benchmark figures for theatres
1.4	Green policy	<input checked="" type="checkbox"/>		not established and nothing in entrance area or bar/reception general statement on green objectives (bit overhyped)
	Total	3	9	
Management				
2.1	Green Management File			not established as yet could develop inventory of equipment and review existing performance and set practical projects for green team
2.2	Establish a green action plan	<input checked="" type="checkbox"/>	3	have a general set of objectives seeking funding at present
2.3	Staff environmental awareness			could develop this further GTBS to send induction powerpoint
2.4	Establish a green team (not SSA)	<input checked="" type="checkbox"/>	3	core actions of main staff have management meetings with green element in agenda will look at minutes and actions next time
2.5	Attendance at Green Training Event	<input checked="" type="checkbox"/>	5	attended launch and lots of green related meetings encouraging national theatre etc
2.6	Green Business Network or Initiative			part of an artists group called tipping point re climate change
2.7	Specialist Environmental Advice			would find it useful to get some cost plugs see datasheet to help in energy awareness and monitor appliances
2.8	Monitoring: Energy			to establish more meter readings to measure energy savings etc
2.9	Monitoring: Water			not yet business uses 185 cubic metres per annum
2.1	Monitoring: Waste & Recycling			could keep a tally of quantities and volumes of products recycled etc could look at changing purchasing arrangements to avoid waste
2.11	Monitoring: Travel and transport			could consider monitoring how staff and guests arrive possibly periodic travel surveys looking at links with transport for london
2.12	Monitoring Flora and/or Fauna			
2.13	Green Marketing			could develop further with marketing officer gauging visitor interests and building green messages into theatre info

2.14	Green Events Package (HO/VA/CO only)			should do a green theatre week and alter standard products to green alternatives as an awareness action and change to business and get feedback
2.15	Joint marketing with other GTBS members			could develop this idea as a joint green initiative with other theatres possible linking offers and tickets GTBS could look at a green card next year as part of ongoing developments
2.16	Visitor Feedback			could have a feedback sheet see ideas in gtbs attachments
	TOTAL	3	11	
No.	Measure			
	Communication			
3.1	Responsible Visitor Charter	✓	3	interested in ideas for a responsible theatre goer
3.2	Use of GTBS brand in on-site promotion			
3.3	Use of GTBS brand in off-site promotion			
3.4	Green information for customers			would be interested in tips and hints
3.5	Towel and linen policy (SSA/HO only)			
3.6	Encourage green laundry practices (SC/HP only)			could consider for costumes
3.7	Natural & healthy Living spaces			
3.8	Education on Sustainability (VA/CO only)			will have a strong sustainability focus of the theatre but presently many significant issues re build heating system and controls
3.9	Community work on Local Environment			could look at having more outdoor related activities for green team as a team building and awareness programme
3.1	Local social community projects	✓	5	a wide range of community and social activities related to social interpretation and comment and participation
3.11	International Social Responsibility Projects	✓	4	could develop this further and use theatre as a springboard for broader community development and exchange projects
3.12	Visitor Payback Schemes			
3.13	Family focused Green Activities (not SSA/SC)			
3.14	Physical & Spiritual Health & Wellbeing			
3.15	Extensive facilities for disabled			general facilities
3.16	Social Responsibility Reporting (CSR) (Not SSA/SC)			
	TOTAL	3	12	
No.	Measure			
	Energy			
4.1	Use of A-rated air conditioners and refrigeration			some old units need to be replaced with A rated units (eca.gov.uk for commercial lists) glass fronted units some poor seals cost plugs will reveal saving potential likely £60/annum/unit
4.2	Refrigeration: Condition and Positioning	✓	2	need to replace older poor units
4.3	Mini kettles			
4.4	Use of low energy lighting			trialled a low e spot but light is not popular could try coloured filter other units could install 10x 150w spots to low energy
4.5	Use of Light Emitting Diode (LED) lighting			have done an LED show could develop this further
4.6	Internal lighting controls & sensors			
4.7	External Low Energy Lighting and controls	✓	4	timed lights and use of SONS and metal halides
4.8	Individual room heating controls	✓	3	have installed TRVS in most areas and do have different boiler zones

4.9	Whole-system heating and cooling controls (HO/ VA/CO only)			could develop zone controls with major refurb plans
4.10	High Efficiency Boiler			existing potterton info indicates highest efficiency of 52/70 70% new boiler will save 25% in consumption
4.11	Boiler Maintenance and Burn Efficiency			should keep records of the boiler efficiency with annual services
4.12	Heat Recovery			
4.13	Roof Insulation			could look at options and a programme of increasing insulation levels look at eco-wool.co.uk
4.14	Glazing and draughtproofing			
4.15	Other Insulation and low energy design			
4.16	Thermostatic settings on heating air conditioners and hot water			no zone stats should ensure any general wall stat controls are set to 19c domestic hot water at 55-60c
4.17	Hot water storage			using a valiant thermo compact in some areas 3-4years old
4.18	Solar Hot Water Heating			could consider
4.19	Renewable Energy for Heating and Hot water			
4.20	Renewable Energy for Appliances and Lighting			
4.21	District heating systems and CHP			
	TOTAL	3	9	
No.	Measure			

Water				
5.1	Water Flow Through Showers (12l)	✓	3	check flow rates next time
5.2	Water Flow through Taps – Basins and Sinks (8l)	✓	3	flow rates are reasonable
5.3	Self-closing or sensor Taps			could consider self closing taps in case guests leave taps running
5.4	Urinal Controllers or Waterless Urinals			worthwhile installing a PIR detector to reduce flushing periods between shows
5.5	Low flush toilets			should install a bottle in cisterns to reduce flush volume and switch to ifo cera or other low flush dual units in refurb
5.6	Water efficient washing machine			could consider A rated units
5.7	Water Efficient Dishwasher and Kitchen			commercial glass wash is old could look at ECA.gov.uk for water technology list from government
5.8	Drip irrigation systems			
5.9	Chlorine-free water treatments			
5.1	Water Butts			
5.11	Rainwater and grey water harvesting			
5.12	Bag It and Bin It			
5.13	Phosphate-free soaps and detergents	✓	5	use maxim green very good green product
5.14	Chlorine-free cleaners	✓	0	could switch to a chlorine free toilet cleaner and general floor cleaner (alternatives use acetic/citric acid, alcohol or orange oil)
5.15	Natural based surface cleaners			
5.16	Natural cleaning recipes			
5.17	Ecological Water Treatment			

	TOTAL	4	11	
No.	Measure			
Purchasing				
6.1	Supplier screening			GTBS to send out a general supplier screening datasheet
6.2	Paper products in housekeeping	✓	1	possibly some recycled in paper towels but not toilet rolls should change to 100% recycled products or look at chlorine free etc
6.3	Recycled content plastics and bio plastics			looking at BETU bottles as an alternative biodegradable packaging
6.4	Recycled Glass Products			
6.5	Business Stationery & Marketing Materials	✓	0	not as yet all standard copy paper no point recycling if you don't buy recycled
6.6	Home Produced Food & Drink			
6.7	Local Meat			
6.8	Sustainably Sourced Fish			
6.9	Local Fruit or Vegetable Products			
6.1	Local Food (non-meat & veg) & Drink			
6.11	Drinking Water			should look at britas type small filter and offer water jugs with ice as a cheaper local water alternative
6.12	Local Organic Food	✓	2	organic chocolate could look at organic beer and wines etc
6.13	Vegetarian and vegan Food options			
6.14	Local Food Network or club			
6.15	Fair Trade Food & Drink	✓	3	fair trade chocolate interested in fair trade cola
6.16	Ethical and Organic Products (non-food)			could use ethical products elsewhere
6.17	Local Craft Products			
6.18	Traditional Building Products & Techniques			
6.19	Building and Decorative Products			
6.2	Sustainable Timber			
6.21	Natural shampoos and Hygiene Products			
6.22	Green Energy Tariff			considering a green energy tariff (EDF)
6.23	Financial Services			
	TOTAL	4	6	
No.	Measure			
Waste minimisation				
7.1	Returnable Packaging (bottles crates etc)			
7.2	Use less paper in marketing			looking at introducing more pdfs and ticketless options GTBS should look at green points for theatre etc
7.3	Dosing and Dispenser Systems	✓	3	dosers for handwash etc
7.4	Food portion control			
7.5	Specialist waste reduction measures			

7.6	Garden waste – composting and peat free			
7.7	Rechargeable Batteries and alternatives & eco gadgets			could consider could recycle via recycle london battery options
7.8	Electric and electronic equipment			should ensure any older electrical appliances are taken away with new supplies as part of WEEE directive
7.9	Printer & Toner Cartridges (purchase & recycle)	✓	4	recycle via ricoh could also try recycle4charity.co.uk
7.1	Textiles, Fixtures and Fittings			
7.11	Kitchen Waste Composting			
7.12	Construction Waste			need to reuse lots of wood waste in london
7.13	Conservation of Buildings			
7.14	Paper reuse and recycling	✓	2	some bins and shredding but not everywhere yet
7.15	Cardboard Reuse or recycle	✓	4	
7.16	Glass Reuse or recycle	✓	4	
7.17	Aluminium and Steel Recycling			
7.18	Plastics Reuse or recycle			
7.19	Hazardous waste disposal	✓	0	need to ensure fluorescent tubes batteries and cfl units are recycled
7.2	Dog Waste eco-treatment			
7.21	Compactors			
	TOTAL	6	17	
No.	Measure			
	Travel			
8.1	Information on Public Transport	✓	4	
8.2	Marketing Materials have Details of Public Transport	✓	5	good links to public transport and search tools transport for london
8.3	Car Free Activities (not VA)			
8.4	Public Transport Drop Off	✓	5	
8.5	Travel Incentives (not SSA)			could consider
8.6	Information on Walking and Cycling			
8.7	Cycle hire information			
8.8	Walking and cycling organisations (HO/SSA/ SC)			
8.9	Cycle Storage	✓	2	could develop more cycle storage locally problems with thefts
8.1	Coach Parking and Switch Off Policy			
8.11	Staff Travel (not SSA)			many staff cycle could keep an annual travel log to demonstrate how site is minimising its carbon footprint
8.12	Public Service Vehicle (PSV) (Hotels/VA?)			
8.13	Business Vehicles are Ecofriendly			could promote green tomato cabs and other eco alternatives
8.14	Pitches for Touring Caravans (HP)			
8.15	Carbon management	✓	0	objectives to become carbon neutral should start by converting existin emissions to their carbon use
	TOTAL	5	16	

No.	Measure			
Nature and Culture				
9.1	Natural and Cultural Heritage Initiatives	✓	5	is a charitable type project
9.2	Information on local cultural attractions			
9.3	Cultural events and festivals	✓	5	ongoing significant number of events and cultural activities
9.4	Information about nature-related attractions in the area			
9.5	Information on natural heritage			
9.6	Nature Diary			
9.7	Native Tree Planting			
9.8	Wildlife Habitats			
9.9	Wildlife Refuges			
9.1	Specialist Heritage and Cultural Buildings			
9.11	Light Pollution			
9.12	Accessibility to nature			
	TOTAL	2	10	
Innovation				
10.1	Green Rated Building			
10.2	Radiant heaters not gas patio heaters			
10.3	Drought resistant gardening			
10.4	Extensive facilities for disabled/minorities			
	TOTAL	0	0	

SCORING SUMMARY			
Sections	Done	Score	Percentage
COMPULSORY	3	9	60%
MARKETING & MANAGEMENT	3	11	73%
COMMUNICATION	3	12	80%
ENERGY SAVING	3	9	60%
WATER ISSUES	4	11	55%
PURCHASING	4	6	30%
WASTE MINIMISATION	6	17	57%
TRAVEL & TRANSPORT	5	16	64%
NATURE & CULTURE	2	10	100%
INNOVATION	0	0	
TOTAL	33	101	Going Green

Max	Nos	AWARD ACHIEVED	
300	BRONZE	60	40%
	SILVER	60	65%
	GOLD	60	80%
			34%
			Going Green

General Green Tourism Observations & Recommendations

Site is below the requirements to achieve a Bronze award at present. The staff team do have objectives to be the greenest theatre but some of these objectives rely on significant financial support. At the present time the business could establish a plan with specific projects to ensure all theatre goers get some practical concept of the green issues and achievements to date. Will start energy monitoring and could also keep a tally of water and travel issues to prove the actions taken and develop a good more carbon friendly explanation of the building and its practical management. Metering systems are complicated but with appliance monitors such as cost plugs and an enthusiastic green team significant benefits may be achieved which will show through in green grading. Site may then consider further awards such as the BCE, ISO14001 and queens award.

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