



GREEN TOURISM AUDIT REPORT

Prepared By: Wendy Fail

Meigle Stones Museum

Site Environmental Coordinator: Doreen Waller & Fiona Hall

Date of Visit: 23/09/2013

Site Address:
Dundee Road
Meigle
Perthshire
PH12 8SB

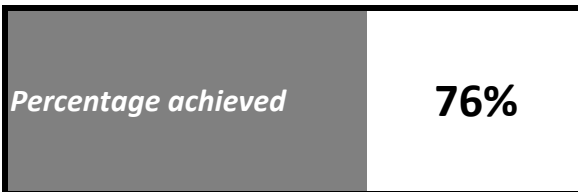
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Meigle Stones Museum

A qualified assessor for the Green Tourism Business Scheme undertook an accreditation grading visit at the above named site. This is a summary of the activities being undertaken on site in relation to the Green Tourism criteria. This audit report is a statement on the performance of the business as a sustainable tourism operation



Gold >80%
Silver 65-79%
Bronze 40-64%
Going Green <40%



What's Green about:

Meigle Stones Museum

Meigle Stones Museum has successfully retained its SILVER Green Tourism Award. Although the criteria have not changed in the last two years, the GTBS scoring has become more rigorous owing to advancements in technology, increasing awareness and the continuous improvement ethos of the scheme. Therefore, retaining this grading level should be commended. The site also benefits from the strong over-arching Historic Scotland procurement policies and there is a comprehensive selection of information for visitors, both in the folder and through the EAE leaflet rack which helps to promote other local attractions.

Summary of general recommendations and observations

This report should be seen as part of Meigle Stones Museum's on-going environmental management. This report is based on a site audit that identified a number of measures that can be developed to reduce the site's environmental impact, reduce costs and enhance the guest experience. An initial step will be to update the existing action plan with this report's recommendations and to consider some form of water monitoring to reduce consumption and cost. There are also opportunities to monitor water consumption across all of the Historic Scotland property portfolio. This could lead to potential cost savings and reductions in consumption over time. Further recommendations have been made throughout the audit report, which should be read in conjunction with the criteria document. Additional supporting information can be found in the members area on the GTBS website.

Conditions for use of the Green Tourism Brand

The Member may use the appropriate Green Tourism logo at any publicly accessible location including signs, promotional and marketing materials, letterhead stationery and customer information. The logo should also appear on the Member's website, linked to the home page of www.green-business.co.uk, to enable consumers to understand its significance. A green/environmental page can also be included on the website explaining the actions taken toward gaining an award. The award relates ONLY to the named business and its management. The award must not be used in promotions involving any other named business which has not met at least the same overall grading. Please note that the percentage achieved must not be promoted, only the award level itself.

FURTHER RECOMMENDATIONS & ACTIONS

Reference	Measure	Comment
2.01	Green Management File	Green folder; should continue to update with information relevant to Green Tourism as necessary (see Members' Area on GTBS website for more info)
2.02	Establish a green action plan	Green action plan for each individual site. Based upon the GTBS report for the site and reviewed every two years.
2.07	Specialist Environmental Advice	There would be scope for specialist advice from bodies such as Envirowise who could advise on water and waste issues.
2.08	Monitoring: Energy	Monthly readings taken by MCU. There should be analysis of data and options for reduction considered and incorporated into action plan. (see Members' Area on GTBS website for more info)
2.09	Monitoring: Water	N/A
2.10	Monitoring: Waste & Recycling	Waste prevention and re-use plan in place for HS. Mitie contract commenced August 2013 - too soon to obtain useful data (see Members' Area on GTBS website for more info)
3.05	Green information for customers	All HS sites provide green information for customers. Good green visitors folder. Ensure content is up to date.
3.14	Family focused Green Activities	Meigle quiz. See www.ecofriendlykids.co.uk for further information
5.02	Water Flow through Taps – Basins and Sinks (8I)	Could consider restricting flow rate to < 6lts/min
5.13	Phosphate-free soaps and detergents	HS should investigate and consider phosphate free products. (see Members' Area on GTBS website for more info)
6.17	Local Craft Products	Good variety of Scottish products; could further promote as locally/nationally made
6.20	Sustainable Timber	All sites have sustainable timber products for sale. HS could provide details of other timber products used for restorations etc.
7.03	Dosing and Dispenser Systems	Could investigate switching to foam dispensers for hand wash

Business Site Name: Meigle Stones Museum
Green Co-ordinator: Fiona Hall
Membership Code: VO270
Date of Visit: 23/09/2013
Assessor: Wendy Fail

Key to symbols

✓	Scoring measure (0-5) - included in the grading score
☑	Measure in place to some extent, but a sufficient number of relevant measures have already been scored to achieve award.
⊙	Recommended measure to focus on in future

No.	Measure	✓	Score	Action / Comments
Compulsory				
1.01	Commitment to Sustainability	✓	5	Fully committed
1.02	Minimum Standards and Risk management	✓	5	
	No pollution risk from oil tanks and car parks			No issues
	Suitable waste containment and disposal (including sanitary waste)			PHS
	Proper chemical storage			
	Good general maintenance			
	Litter and visual impression			
1.03	Annual Performance Information	✓	5	Received
1.04	Green policy	✓	5	Good policy on display and on website
	Total	4	20	Compulsory actions completed

Management				
2.01	Green Management File	✓	5	Green folder; should continue to update with information relevant to Green Tourism as necessary (see Members' Area on GTBS website for more info)
2.02	Establish a green action plan	✓	5	Green action plan for each individual site. Based upon the GTBS report for the site and reviewed every two years.
2.03	Staff environmental awareness	✓	4	
2.04	Establish a green team	✓	4	Green Champions; should keep minutes in the site green management file.
2.05	Attendance at Green Training Event	✓	3	Green Champions meeting
2.06	Green Business Network or Initiative			
2.07	Specialist Environmental Advice	⊙		There would be scope for specialist advice from bodies such as Envirowise who could advise on water and waste issues.
2.08	Monitoring: Energy	✓	4	Monthly readings taken by MCU. There should be analysis of data and options for reduction considered and incorporated into action plan. (see Members' Area on GTBS website for more info)
2.09	Monitoring: Water			N/A
2.10	Monitoring: Waste & Recycling	☑		Waste prevention and re-use plan in place for HS. Mitie contract commenced August 2013 - too soon to obtain useful data (see Members' Area on GTBS website for more info)
2.11	Monitoring: Travel and transport	☑		Mileage log for pool car (see Members' Area on GTBS website for more info)
2.12	Monitoring Flora and/or Fauna			
2.13	Green Marketing			
2.14	Green Events Package			
2.15	Joint marketing with other GTBS members			
2.16	Visitor Feedback	✓	2	Visitor feedback collected at all sites; limited responses, various visitor surveys carried out over the years.
	TOTAL	7	27	<i>Minimum of 3, 4, 5 ticks and 12, 16, 20 points required for Bronze, Silver & Gold respectively</i>

Communication				
3.01	Responsible Visitor Charter	✓	5	HS producing a generic responsible visitors charter for visitors, posted on the website and available/displayed on site. (see Members' Area on GTBS website for more info)
3.02	Use of GTBS brand in on-site promotion	✓	5	Plaque well displayed on site
3.03	Use of GTBS brand in off-site promotion	✓	5	Logo on website and on promotional materials
3.04	The GTBS supply chain			
3.05	Green information for customers	✓	5	All HS sites provide green information for customers. Good green visitors folder. Ensure content is up to date.
3.06	Green laundry practices			(see Members' Area on GTBS website for more info)
3.07	Natural & healthy Living spaces			
3.08	Totally no smoking			
3.09	Education on Sustainability			
3.10	Community work on Local Environment	✓	1	Ad hoc litter picking
3.11	Local social community projects	✓	5	Work with local history society, local school and local art group
3.12	International Social Responsibility Projects			
3.13	Visitor Payback Schemes			
3.14	Family focused Green Activities	✓	3	Meigle quiz. See www.ecofriendlykids.co.uk for further information
3.15	Physical & Spiritual Health & Wellbeing			
3.16	Social Responsibility Reporting (CSR)			
	TOTAL	7	29	<i>Minimum of 3, 4, 5 ticks and 12, 16, 20 points required for Bronze, Silver & Gold respectively</i>

Energy				
4.01	Use of A-rated air conditioners and refrigeration			
4.02	Refrigeration: Condition and Positioning			
4.03	Mini kettles			
4.04	Use of low energy lighting	✓	5	Low E throughout; rarely used
4.05	Use of Light Emitting Diode (LED) lighting			
4.06	Internal lighting controls & sensors			
4.07	External Low Energy Lighting and controls			
4.08	Individual room heating controls	✓	2	Electric heaters; as per last audit score achieved due to well managed use of controls and timers
4.09	Whole-system heating and cooling controls (HO/VA/CO only)			
4.10	High Efficiency Boiler			
4.11	Boiler Maintenance and Burn Efficiency			
4.12	Heat Recovery			
4.13	Roof Insulation			
4.14	Glazing and draught proofing	✓	1	Single glazed; could consider options for draught proofing
4.15	Other Insulation and low energy design			
4.16	Thermostatic settings on heating air conditioners and hot water			
4.17	Hot water storage	✓	5	Instant hot water
4.18	Solar Hot Water Heating			
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	4	13	<i>Minimum of 3, 4, 5 ticks required for Bronze, Silver & Gold respectively</i>

Water				
5.01	Water Flow Through Showers (12l)			
5.02	Water Flow through Taps – Basins and Sinks (8l)	✓	1	Could consider restricting flow rate to < 6lts/min
5.03	Self-closing or sensor Taps	✓	0	Could consider
5.04	Urinal Controllers or Waterless Urinals			
5.05	Low flush toilets	✓	3	Displacement device installed
5.06	Water efficient washing machine			
5.07	Water Efficient Dishwasher and Kitchen			
5.08	Drip irrigation systems			
5.09	Chlorine-free water treatments			
5.10	Water Butts			
5.11	Rainwater and grey water harvesting			
5.12	Bag It and Bin It	✓	5	Bags, bins and signs in place (see Members' Area on GTBS website for more info)
5.13	Phosphate-free soaps and detergents	✓	3	HS should investigate and consider phosphate free products. (see Members' Area on GTBS website for more info)
5.14	Chlorine-free cleaners	✓	5	HS policy not to use chlorine based bleach
5.15	Natural based surface cleaners	☑		Microfibre cloths
5.16	Natural cleaning recipes			(see Members' Area on GTBS website for more info)
5.17	Ecological Water Treatment			
	TOTAL	6	17	<i>Minimum of 3, 4, 5 ticks required for Bronze, Silver & Gold respectively</i>

Purchasing				
6.01	Supplier screening	✓	4	Do have sustainable purchasing policy though cost and quality are over riding (see Members' Area on GTBS website for more info)
6.02	Paper products in housekeeping	✓	5	100% recycled
6.03	Recycled content plastics and bio plastics			
6.04	Recycled Glass Products			
6.05	Business Stationery & Marketing Materials	✓	4	Office Depot 100% recycled (see Members' Area on GTBS website for more info)
6.06	Home Produced Food & Drink			
6.07	Local Meat & Dairy	✓	2	Promotion of local farmers markets in visitor folder
6.08	Sustainably Sourced Fish			
6.09	Local Fruit or Vegetable Products	✓	2	As 6.07
6.10	Local Food (non-meat & veg) & Drink	✓	3	Deans, Rizzas, Walkers, Irn Bru
6.11	Drinking Water	✓	4	Strathmore
6.12	Local Organic Food			
6.13	Vegetarian and vegan Food options			
6.14	Local Food Network or club			
6.15	Fair Trade Food & Drink			
6.16	Ethical and Organic Products (non-food)			
6.17	Local Craft Products	✓	3	Good variety of Scottish products; could further promote as locally/nationally made
6.18	Traditional Building Products & Techniques	✓	5	
6.19	Building and Decorative Products			
6.20	Sustainable Timber	☑		All sites have sustainable timber products for sale. HS could provide details of other timber products used for restorations etc.
6.21	Natural shampoos and Hygiene Products			
6.22	Green Energy Tariff	✓	5	All sites will receive full credit. SSE 100% renewable. (see Members' Area on GTBS website for more info)
6.23	Financial Services			
	TOTAL	10	37	<i>Minimum of 3, 4, 5 ticks required for Bronze, Silver & Gold respectively</i>

Waste Minimisation				
7.01	Returnable Packaging (bottles crates etc.)			
7.02	Use less paper in marketing			
7.03	Dosing and Dispenser Systems	✓	3	Could investigate switching to foam dispensers for hand wash
7.04	Food portion control			
7.05	Specialist waste reduction measures			
7.06	Garden waste – composting and peat free			
7.07	Rechargeable Batteries and alternatives & eco gadgets			
7.08	Electric and electronic equipment			
7.09	Printer & Toner Cartridges (purchase & recycle)	✓	4	Returned to MCU
7.10	Textiles, Fixtures and Fittings			
7.11	Kitchen Waste Composting			
7.12	Construction Waste			
7.13	Conservation of Buildings			
7.14	Paper reuse and recycling	✓	4	Good recycling practices in place. MCU collect any waste from the site. (see Members' Area on GTBS website for more info)
7.15	Cardboard Reuse or recycle	✓	4	As 7.14
7.16	Glass Reuse or recycle	✓	4	As 7.14
7.17	Aluminium and Steel Recycling	✓	4	As 7.14
7.18	Plastics Reuse or recycle	✓	4	As 7.14
7.19	Hazardous waste disposal	✓	5	HS policy - all sites will receive full credit. (see Members' Area on GTBS website for more info)
7.20	Dog Waste eco-treatment			
7.21	Compactors			
	TOTAL	8	32	<i>Minimum of 3, 4, 5 ticks required for Bronze, Silver & Gold respectively</i>

Travel				
8.01	Information on Public Transport	✓	4	Good information in visitor folder
8.02	Marketing Materials have Details of Public Transport	✓	4	Traveline link on home page
8.03	Car Free Activities (not VA)			
8.04	Public Transport Drop Off	✓	3	Some travel information in guest folder; options are fairly limited due to location
8.05	Travel Incentives (not SSA)			
8.06	Information on Walking and Cycling	✓	4	Good information in guest folder
8.07	Cycle hire information	<input checked="" type="checkbox"/>		
8.08	Walking and cycling organisations (HO/SSA/SC)			
8.09	Cycle Storage			
8.10	Coach Parking and Switch Off Policy			
8.11	Staff Travel (not SSA)	✓	2	Staff travel survey undertaken
8.12	Public Service Vehicle (PSV) (Hotels/VA)			
8.13	Business Vehicles are Eco-friendly			
8.14	Pitches for Touring Caravans (HP)			
8.15	Carbon management	✓	5	HS Sustainability Report; 25% CO2 reduction by 2015
	TOTAL	6	22	<i>Minimum of 3, 4, 5 ticks required for Bronze, Silver & Gold respectively</i>

Nature and Culture				
9.01	Natural and Cultural Heritage Initiatives	✓	5	All sites should receive full credit.
9.02	Information on local cultural attractions	✓	4	Good range of information available on site
9.03	Cultural events and festivals	✓	5	
9.04	Information about nature-related attractions in the area	✓	4	As 9.02
9.05	Information on natural heritage	✓	4	
9.06	Nature Diary	✓	2	What I saw today sheets in visitor folder. Could further develop a specific nature diary and share any results with the local wildlife trust (see Members' Area on GTBS website for more info)
9.07	Native Tree Planting			
9.08	Wildlife Habitats			
9.09	Wildlife Refuges	✓	1	In planning
9.10	Specialist Heritage and Cultural Buildings	✓	5	All sites will receive full credit
9.11	Light Pollution			
9.12	Accessibility to nature			
	TOTAL	8	30	<i>Minimum of 3, 4, 5 ticks required for Bronze, Silver & Gold respectively</i>
Innovation				
10				
10				
10				
10				
	TOTAL	0	0	

SCORING SUMMARY			
Sections	Done	Score	Percentage per section for measures scored
COMPULSORY	4	20	100%
MARKETING & MANAGEMENT	7	27	77%
COMMUNICATION	7	29	83%
ENERGY SAVING	4	13	65%
WATER ISSUES	6	17	57%
PURCHASING	10	37	74%
WASTE MINIMISATION	8	32	80%
TRAVEL & TRANSPORT	6	22	73%
NATURE & CULTURE	8	30	75%
INNOVATION	0	0	
TOTAL	60	227	SILVER

Maximum No. of measures scored	60	300	Total Percentage based on 300 pts
<i>Bronze award status</i>	40%	120	75.7%
<i>Silver award status</i>	65%	195	Award achieved
<i>Gold award status</i>	80%	240	SILVER