

## **Museum of British Surfing**

### **Sustainability Report**

**2010-11**

#### **Introduction**

This is the Museum of British Surfing's first sustainability report for the year 1<sup>st</sup> April 2010 – 31<sup>st</sup> March 2011. It sets out the actions taken by the Museum to help achieve its objectives of its Sustainability Policy and its plans for the future.

The report has been agreed by the Museum's Board of Trustees and made available to the Charity Commission and the Museum's funders. It will be placed on the Museum's website.

During 2010-11, the Museum was planning its move into a permanent home in North Devon. The Museum was operating from an office in the Director's home and also running temporary touring exhibitions. The Sustainability Policy was adopted towards the end of the year and an implementation plan has yet to be agreed by the Board of Trustees and Director. For the above reasons, this Report does not provide a 'baseline' against to compare against future sustainability performance.

#### **Progress**

The Museum's Board of Trustees approved a Sustainability Policy (see Appendix) in November 2010, following circulation and discussion of drafts. The Sustainability Policy was drafted following an analysis of the Museum's likely significant environmental and social effects, taking into account its Objectives, planned activities and the particular circumstances around its intended occupation of The Yard in Braunton, North Devon, which involved contributing to the work of Devon Youth Services. The Sustainability Policy was also drafted to be compliant with the international environmental management standard ISO 14001, should the Museum decide to apply for certification in future.

Environmental feasibility studies by footPRINT Energy were commissioned to help create a formal Business Plan – this work was funded by Leader 4, North Devon Coast Areas of Outstanding Natural Beauty (AONB) and the Museum of British Surfing. The studies explored the likely environmental effects and identified the potential to protect and enhance the environment of locating in the North Devon area and of 2 specific locations. Unfortunately, neither of these locations were viable permanent homes for the Museum. However, the environmental feasibility studies have been instrumental in helping the Museum to achieve its Sustainability Policy objectives.

The following sections set out the actions taken under each of the Museum's Sustainability Policy headings.

#### **Energy and Resources**

As the Museum has yet to move into The Yard, the energy used is limited to electricity used in its store, touring exhibitions and the Director's office in his home and the transport used on Museum business. The Museum Director's home electricity supplier was EDF. The company's fuel mix resulted in [carbon emissions of 280g/kWh](#), compared with a UK average of 450 g/kWh. It is not possible to estimate accurately the proportion of electricity used for Museum purposes. The

electricity supplier for the Museum's store is Good Energy, which supplies 100% renewable energy. Carbon emissions from transport are estimated at 2521 kgCO<sub>2</sub><sup>1</sup>.

The environmental feasibility study has identified the potential to encourage staff and visitors to use less carbon intensive transport to reach the Museum. The Yard is located in the centre of Braunton next to the long distance walking / cycling route, the Tarka Trail, and is ideally placed to make the most of access by cycling, bus and walking. Its visitors are also likely to be making multi-purpose trips, also visiting Braunton for shopping or other leisure reasons or on the way to or from the beach. There are cycle racks in close proximity to the Yard to provide secure cycle parking.

## **Waste**

During 2010-11 the Museum Director operated from his home and the minimal paper waste was recycled with household paper recycling. Printer ink cartridges were recycled through 'Reclaim-it'. Rubbish collected from almost weekly litter picks at the Braunton skate bowl was recycled where possible with remainder removed by North Devon District Council.

All office materials (paper, ink cartridges) bought were made of recycled materials.

No water was specifically used by the Museum during 2010-11.

## **Pollution**

The only pollution to air, land or water were emissions from vehicles.

The Museum Directors 1966 VW camper passed its 2010 MoT without advisories but because of its age, it does not have to meet modern emission limits.

## **Suppliers and Customers**

Since being approved by the Trustees, every potential supplier has been given a copy of the Museum's Sustainability Policy.

## **Global and Local Environment**

The retrofit design phase of the Museum building takes into account the location of The Yard in the floodplain and will include raising electric circuits above any projected flood levels. The retrofit design of The Yard also includes natural ventilation to enable adaptation to higher summer temperatures.

## **Social Wellbeing**

During 2010-11 the Museum ran 2 travelling exhibitions at locations around the UK. All were in venues accessible by people with disabilities. The Museum's website contains information and links to help the visually impaired, deaf/hard of hearing people and those with motor or cognitive disabilities.

During 2010-11, the Museum negotiated to take the lease on The Yard building, including delivering maintaining and making accessible Braunton's skate bowl and to provide space free of charge for

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<sup>1</sup> £1123 travel expenses converted into 1123 litres of petrol and CO<sub>2</sub> at <http://www.nef.org.uk/greencompany/co2calculator.htm>

Devon Youth Services which provides youth activities for local young people. As part of its youth outreach work, the Museum gave presentations to a total of 40 students at Braunton Community College and Plymouth University surf science students at the end of 2010.

### **Implementation**

The AGM considered a draft of the Sustainability Policy which was subsequently agreed. One of the trustees started to develop a management system to implement the policy. The Director actively used the policy to inform and educate the Museum's suppliers and potential suppliers.

### **Next steps**

The Museum will use the policy to inform the retrofit of The Yard, ongoing operations, temporary exhibitions and outreach services;

- develop a management system to ensure that implementation of the sustainability policy is measured; and
- will explore and agree methods of publicising the policy.

### **Recommendations**

1. Museum Director to promote Sustainability Policy to all potential suppliers of services to the Museum;
2. Museum Trustee to develop a management plan;
3. Museum Director and Trustee to investigate carbon emissions from VW panel van and viable alternatives;
4. Museum Director and Trustee to investigate need to obtain an exemption from waste licencing;
5. Museum Director to switch electricity provider to one only using renewable energy; and
6. AGM to consider implementation of Sustainability Policy and if changes needed.

### **More details**

For more details about this report, please contact [Peter Robinson](#), Museum Director, or [Andrew Coleman](#), Trustee.

### **February 2012**

### **Appendix**

#### **Museum of British Surfing Sustainability Policy**

**Vision:** *The Museum will strive to have a positive environmental and social impact. It will aim for carbon neutrality in its operations, to enhance the North Devon Coast Areas of Outstanding Natural Beauty and to enrich people's lives through its activities. It will comply with all relevant laws. It will use any financial surplus to further its charitable aims.*

## **Objectives and targets:**

### **Energy and Resources:**

1. To be carbon neutral in 5 years. We will use energy efficient fixtures and fittings in our buildings and reduce emissions from our use of transport. To reduce carbon emissions by 20% per annum (2011/12 baseline)
2. To be waste neutral in 5 years. We will use the 'reduce, reuse, recycle' hierarchy and buy products made from recycled materials. To reduce waste by 20% per annum (2011/12 baseline)
3. To minimise water use. We will use water efficient fixtures and fittings, encourage efficient water use and recycling.

### **Pollution:**

4. To minimise emissions to air, land and water.

### **Suppliers and customers:**

5. To buy greener materials, equipment, products and services. We will use more environmentally friendly suppliers and encourage them to adopt environmental policies and management systems. We aim to have 50% of suppliers with environmental policies and practices within 5 years. We will use BREEAM guidelines for construction specifications.
6. To encourage our customers to adopt environmentally friendly practices and adopt a Green Travel Plan.

### **Global and Local Environment:**

7. To improve the local environment through supporting the North Devon Coast Areas of Outstanding Natural Beauty.
8. To adapt to climate change. The Museum building and operations will be resilient and adaptable to the effects of climate change.

### **Social Wellbeing:**

9. To provide access for all. We will provide education about surf history, surfing, beach and ocean environmental issues to people regardless of age, gender and disability.
10. To work with disadvantaged young people in partnership with organisations including Devon Youth Services.

### **Implementation of the Policy:**

Trustees and the Director will develop a management system to help implement the Policy. This will include measuring progress against the Policy objectives.

Trustees will have overall responsibility to ensure that this Policy is effectively applied and to approve resources, strategic priorities and policy changes.

The Trustees will be supported by the Management Committee.

Implementing the policy will be the responsibility of the Director.

The Director shall submit an annual report on policy implementation to the Management Committee and Trustees. It will contain recommendations for any remedial action needed to meet targets and any other recommendations for reviewing the policy.

All employees will understand and comply with this Policy.