BAFTA albert Venue Requirements for a Sustainable Broadcast

The BAFTA albert sports working group recognises and welcomes the increasing commitment to environmental sustainability across sporting venues. As an industry, we are committed to delivering sustainable productions and we want to work with venues to minimise the environmental impact of productions.

Different organisations are at different stages along their sustainability journey. To help venues work towards achieving sustainable events, we have complied a list of recommendations that will help broadcasters and sports production companies using your venue to achieve our shared sustainability goals. Hopefully, many of these measures support efforts and/or commitments that you have already made or are planning to make, promote greater environmental action.

We hope that, as an industry, and in partnership with all who contribute to producing and hosting our cherished sporting events, we can actively contribute to reducing the harmful environmental impact of all spectator and televised sport. The recommendations below are a product of cross-industry collaboration supported by the following organisations:

Environmental data, information and commitments

- Venues should begin to share environmental commitments, targets, plans, and actions with broadcasters, specifically on operations which directly impact broadcaster emissions, e.g. renewable energy, food provision, waste disposal processes.[1]
- Venues should begin to engage with partners to track and reduce supplier emissions and biodiversity impacts.[2]
- Venues should seek to obtain and share primary activity data for greenhouse gas emissions for services provided by the venue relating to broadcaster activity.

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[1] In line with the 12 BASIS Principles for Sustainable Sport

[2] Scope 3 definition - Understand key concepts - Net Zero Guidebook (EN) (theclimatedrive.org)
"Scope 3 – Other indirect GHG emissions, i.e. from assets not owned or controlled, but that your company indirectly impacts in its value chain."

- Venues should encourage their suppliers to be equally committed to reducing waste, single -use plastics and preferably have verifiable sustainability commitments for their own activities.

Compound Infrastructure

Compound facilities

- OB Compounds should be hard standing/Trakway able to take the weight of multiple HGVs.
- OB Compounds should be well lit with tower lights.
- Secure fenced compound to provide crew safety.
- At least 1 x men's, 1 x women's and 1 x gender neutral toilet with hot water that are open at all times for crew that are onsite.
- Provision of adequate bins and clear signage to separate general waste, paper/ cardboard, plastic/ glass, food waste and collection and disposal of the separated waste by a reputable company. Zero waste to landfill policies and measureable waste reduction targets are strongly encouraged.
- Accreditation should be single-use plastic free and recyclable.
- A security hut with power to provide shelter, light and warmth for overnight guards.
- A minimum of 4 EV charging points should be available in the compound.

Compound Power

- 2x125A 3 phase power provision to be positioned within the OB Compound and easy reach of the OB truck, on a 5 pin Ceeform with a minimum of 50mA RCD with isolation switch, and the supply should be measurable to allow broadcasters and venue to understand usage (most traditional [non-remote] OB units use a 125 3 phase).*****
- 2 x 63A 3 phase power provision to be positioned within the OB Compound and easy reach of the OB truck, on a 5 pin Ceeform with a minimum of 50mA RCD with isolation switch, and the supply should be measurable to allow broadcasters and venue to understand power usage.*****
- Venues to provide evidence of green energy sourcing information i.e. on-site renewable generation and/or green tariff evidence (Renewable Energy Guarantees of Origin (REGO), Power Purchase Agreements (PPA) where appropriate.
- Secondary power source should be made available to provide broadcasting redundancy, this requires an AMF (automatic mains failure) switchover system to ensure to in loss in power. This secondary power source should be capable of powering the whole load if the primary power source has failed.

*****_A venue will need to provide either 2 x 125A or 2 x 63A, subject to venue and event specifications which will require further detailed discussion between the venue and production._

For more detail on protective devices and power supply please see appendix item one.

Compound and venue cabling

- Venues should have cable installs with cabinets at all the key broadcast points.
- Cabling should be specified as SMPTE Camera cable, ST single mode Fibre, Analogue audio multiway cable (8 cores), Composite Video cable, 16A power cable (a full spec can be produced per venue – based on existing permanent cable infrastructures).
- Fibre installation to support remote production model.
- Compound internet access point providing a minimum of 500MB/s and dedicated to broadcast.

For stadiums, and where applicable to other venue types:

- Permanent cabling to receive match feeds for Big Screens etc should be within the compound and clearly labelled.
- Satellite dish should be part of the compound features, to allow for off air monitoring.

Camera positions

- For regularly used camera positions, permanent structures should be erected with H&S of the camera operator in mind.

Crew facilities

- Food & Drink
    - Catering options to be seasonal, locally sourced, and waste minimized where possible
    - At least two meal options including a plant-based meal
    - Phasing out of red meat to be discussed with venue or a measured reduction of meat per portion
    - Dietary requirements catered for where necessary
    - Meals to be served in crockery or reusable containers
    - Dining area to be made available for crew during meal times
    - TV Crew to be treated in the same manner as the written press
    - Excess food to be distributed to local food waste schemes or charities where possible
    - All food/organic waste to be captured for anaerobic digestion
- Wet weather area to be provided for crew to sit outside of operating times

TAP venue assessment

- Broadcasters and venues to be prepared to collaborate on the TV Access Project venue assessment, which includes information and guidelines on how to adapt equipment, solutions and facilities to support Deaf, Disabled, Visually Impaired, and Neuro-divergent attendees.[3]

Travel

- Cycle parking available
- Public transport should be available to arrive 5 hours pre-event and for 3 hours post event.
- Clear information provided on what public transport is available
  Venues to consider a plan for EV charging points for their own staff that could be reserved for TV crew on match days and provide details of location of additional nearby facilities.

[3] Read the Guidelines for Disability Inclusion in UK Television Production produced by TAP https://www.channel4.com/4producers/creative-equity/tv-access-project#Guidelines%20for%20Disability%20Inclusion%20in%20UK%20Television%20Production%C2%A0

Appendix One – additional detail on power supply/protective devices

- We recommend that the protective devices are specified at a minimum of;
    - 125a 3phase outlets – 4pole 125a MCB Type C (60898) & 500mA RCD*
    - 63a 3phase outlets – 4pole 63a MCB Type C (60898) & 300mA RCD*
    - 32a 1phase outlets – 2pole 30mA RCBO Type C (61009)
- Protective devices need to be accessible without the use of tools or behind locked cabinets/enclosures, this includes both overcurrent (MCB) and earth leakage (RCD).**
- Distance from power supply to OB parking should be no more than 30metres. This is the same basis used for the generator location and means that in most cases the electrical system will conform with resistance values required in BS7671/BS7909. *This assumes that the impedance of the supply is less than or equal to 0.09*Ω
- Each install should display in the near vicinity of the power OB Compound outlets details of the supply parameters to enable our engineer to complete BS7909 certification

*Ideally a variable earth leakage device would be fitted as supplied with the Mennekes part numbers 956871 (63a 3phase) & 8074482 (125a 3phase)

**The Mennekes socket outlets have both MCB & RCD housed in the same enclosure.