



Eastbourne Airshow

18-21 August 2022

Environmental impact overview



site energy

Mains power (100% renewable energy): Event control, Airbourne Office, Stewards Rest Tent*, Radio Tent*, Press Tent*, Wish Tower Catering Village, Flight Control Cabin*, Radio Airbourne*, Medical Centre*

*Previously on generated power

Generated Power: Promenade Traders, Trade Control, Hospitality, RAF Engagement, Army Engagement, Lighting Towers, Big Screen

Fuel used:

3000L x Hydrotreated Vegetable Oil

1801L x Road diesel**

**Road diesel was present in the generators on arrival to site (remaining from prior use) and further road diesel was purchased due to a delayed HVO delivery

Energy efficient equipment:

LED Lighting tower, LED strip lighting

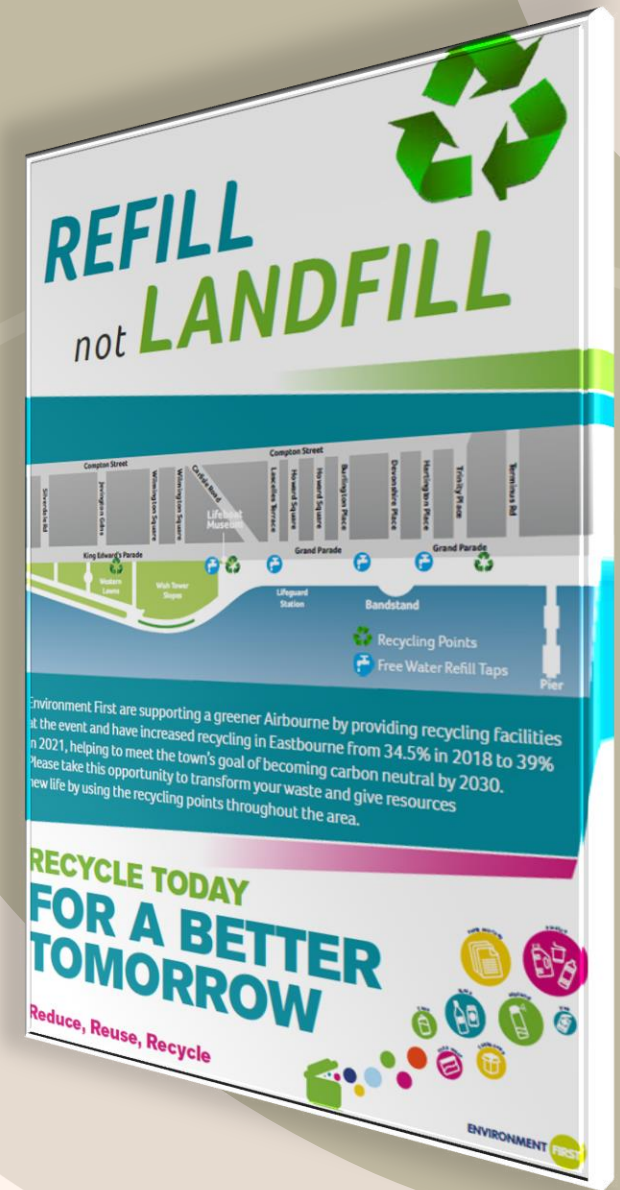
water

Free mains water provision:
Event control, Western Lawns, Wish Tower Slopes, Lifeguards station, Bandstand

Refill not Landfill campaign:
Free water tap locations promoted to reduce single use waste

Bottled water: Staff encouraged to bring reusable water bottles to the event

Monitoring: 360 bottles of water handed out to staff & contractors (less than 1 bottle per day per person). Bottled water utilised used from stock and not purchased from new for the event



WASTE & CLEANSING

Waste facility provided: Dry Mixed Recycling (DMR) & General Waste

Measurement: 34.2 ton collected

Recycling points provided: 3 recycling zones

Contamination:

100% DMR contaminated – Public contaminated the DMR containers with general waste. All waste was sent to Newhaven Energy Recovery Facility. No waste sent to landfill. Further work required to educate and manage DMR waste stream and reduce contamination

travel

CAMPAIGN

Promoted low/zero carbon transport options on the website, social media & at staff briefings*

**Industrial action on rail network increased travel by car and promotion of car parks*

PARK & WALK / BUS

Facility reduces overall emissions. Euro 5 emission standard buses used. Parking capacity increased due to industrial action

TRANSPORT

Pilot transport: 3 All-electric vehicles

Logistics: 1x All-electric van, 4x Diesel vans

MEASURE

710 responses to the onsite and online survey: Public travel type and distance
Staff & Trader travel distance calculated

CYCLE PARK

Zero emission cycle park offered on event site

STEM Zone

STEM activities at the event included the World's first certified electric plane and local renewable energy company OHM Energy who provided advice and guidance on Solar PV, Solar Thermal, Battery Storage, Air Source heat Pumps, EV charging points & engineering courses on renewable energy.



food & drink traders

SINGLE USE
PLASTIC

Traders prohibited from selling plastic*

*All caterers complied. Some caterers used up stock of plastic bottles from a previous event before switching to canned drinks

ADVICE

Caterers asked to place recyclable items into recycling points

MONITOR

Traders actions monitored during the event

LOCAL

Local trader discount offered to incentivise local trader participation

VEGAN

Preference given to caterers who offered vegan options

ELECTRIC

Preference given to vendors that did not require electric

Production

Banner advertising: 17x PVC banners were purchased for the purposes of advertising and sponsorship. The banners have been stored for reuse. Big screen advertising was used to reduce the volume of banners required

Single use cable ties: 1,250 single use cable ties were used across the event site for installing emergency PA cables, power cable & advertising banners

Hazard tape: 1 reel of single use hazard tape was used to highlight H&S hazards. 3 reels of reusable traffic tape was used to section of parking

Plastic bags: 40x plastic bags (old stock) and 60x brown paper bags used for distribution of staff uniform.

Batteries: Rechargeable batteries used across the entire event for hand held equipment

Programme Printing: Vegetable based ink and FSC Mix certified materials from FSC certified forests, recycled materials and FSC controlled wood. Marshal handbook provided as digital version only

Staff Lanyards: Printed in house



Air Displays

Monitor: Display teams required to submit data regarding their display (fuel & smoke)*

*Data to follow

Carbon offsetting: Priority was given to teams signed up to carbon offsetting schemes*

*Data to follow

Local display teams: Priority was given to local display teams

Reduced displays: In 2019 56 displays were booked in 2022 50 displays were booked**

Tree planting: Donation towards tree planting will follow once environmental impact data has been assessed

Local Communities & Economy

Raise profile: Event used to raise the profile of the resort, local businesses, recycling, free water refill points, volunteering, military recruitment & STEM

Job opportunities: Over 100 residents received paid employment to work at the event

Tourist economy: Significant boost to hotel, retail, transport providers, restaurants and pubs

Monitor: Photos taken of crowds to assess daily attendance*

*Data to follow

Tree planting: Donation towards tree planting will follow once environmental impact data has been assessed

Next steps

EVALUATE DATA FROM SURVEYS AND DATA RECEIVED FROM EVENT PARTNERS (1-2 MONTHS)

PRODUCE 2022 AIRBOURNE ENVIRONMENTAL IMPACT REPORT

CREATE AIRBOURNE ENVIRONMENT POLICY

CREATE ACTION PLAN TO FURTHER REDUCE ENVIRONMENTAL IMPACT

CONTINUE TO WORK TOWARDS A GREENER FUTURE