

D-FUSE
IMMERSIVE
INSTALLATION
PROPOSAL



D-FUSE IMMERSIVE INSTALLATION PROPOSAL SMALL GLOBAL

OVERVIEW

Small Global is an ongoing series of immersive installations - created in association with academic researchers and environmental NGOs - combining data visualisation with powerful imagery and surround sound to dramatise these issues of interdependence, consumption and environmental degradation.

Multiple layers of transparent screens create an invisible cube of projected images that echo onto walls, ceiling and floor of the exhibition space. Members of the audience can walk inside the cube as well as around it, their bodies becoming part of the projection surfaces, interaction sensors allowing visitors to reveal multiple levels of visual information with their very presence.

Small Global has been shown internationally in a range of settings, including Chinese shopping malls, UK universities, galleries in the US, Argentina, New Zealand, the Netherlands and Germany, the Greenpeace Field at Glastonbury Festival and an exhibition at [arts patron] Pia Getty's residence in London. The installation has also featured in two academic books: Atlas: Geography, Architecture and Change in an Interdependent World (Black Dog Publishing, 2012); Art and Politics Now (Thames and Hudson, 2014).

EXHIBITIONS:

WOOD STREET GALLERIES - PITTSBURGH, USA.
GREENPEACE FIELD - GLASTONBURY FESTIVAL, UK.
GREEN WEEK - LCC, LONDON, UK.
BLOOMSBURY FESTIVAL - LONDON, UK.
DIGITAL SHOREDITCH FESTIVAL - LONDON, UK.
CYNETART - DRESDEN, GERMANY.
MIC GALLERY - AUCKLAND, NEW ZEALAND.
DIE GREEN LIVE PRETTY - PIA GETTY SHOW - LONDON, UK.
CENTRO CULTURAL RECOLETA - BUENOS AIRES, ARGENTINA.
GET IT LOUDER - CHENGDU, BEIJING, SHANGHAI, GUANGZHOU, CHINA.
MU SPACE - EINDHOVEN, NETHERLANDS.
INTERDEPENDENCE DAY - ROYAL GEOGRAPHICAL SOCIETY, LONDON, UK.
IDN DESIGNEDGE - SINGAPORE.
EYEBEAM - NEW YORK CITY, USA.

RELATED WORK

CARBON CRISIS BLIPVERTS
- A series of five 40 second animations exploring aspects of global warming issues. Commissioned by SOS/Live Earth and endorsed by Al Gore, each blipvert focuses on a cause of CO2 emissions - Cars, Rubbish, Aviation, Deforestation, and Electricity consumption. The Deforestation blipvert is currently used as part of Al Gore's presentation 'New Thinking on the Climate Crisis.'



SMALL GLOBAL - COLTAN - BLOOMSBURY FESTIVAL, LONDON, UK.



SMALL GLOBAL - DEFORESTATION - EYEBEAM, NYC, USA.



SMALL GLOBAL - DEFORESTATION - EYEBEAM, NYC, USA.



SMALL GLOBAL - EXTREME ENERGYWOOD ST GALLERY, PITTSBURGH, USA.

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PROJECT CONTENT

Small Global currently consists of three modules - Deforestation, Coltan, Extreme Energy, with one in production, Atmosphere.

Module #01 - Deforestation
Commissioned by Eyebeam [NYC], Deforestation contrasts data connected with McDonald's economic growth mapped graphically relative to the destruction of the world's rainforests. In line with campaigns by a number of environmental NGOs, McDonald's was chosen as project content as it is the most widely acknowledged symbol of mass global consumption.

Module #02 - Coltan
Explores the correlation between Coltan - the metal used in cellular phone chips - and the human death toll, and extermination of gorillas, in the Democratic Republic of Congo (DRC). Since 1996, DRC has been embroiled in violence that has killed as many as 5.4 million people.

Module #03 - Extreme Energy
Produced in collaboration with academics from the School of Advanced Study, University of London, with support from the Arts Council England, this module describes the process by which energy extraction grows more intense over time. Increasingly desperate measures include the exploitation of tar sands, open-cast mining and 'fracking' for shale gas.

Module #04 - Atmosphere
All weather events are now influenced by climate change as all weather patterns now develop in a different environment than previously, such changes having an increasingly dramatic impact on populations across the globe. This module aims to dramatise these issues within an immersive installation, using live data feeds to visualise global weather patterns, alongside video footage of extreme weather events including floods, droughts, heatwaves, wildfires and storms.

Future Modules: issues under consideration include the Anthropocene Extinction, industrial farming, meat production, air pollution and water supply.

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EXHIBITION SPACE

The perfect space for Small Global is a large darkened room, which facilitates a very immersive experience. Ideally, seating will be provided for audience members within the installation area and around the wider exhibition space.

The set-up is very adaptable and can be modified for different locations, the screen size also being modified to fit smaller or larger spaces.

TECH SET-UP

Small Global's usual set-up comprises a cube of transparent gauze screens (approx. 5m x 5m), with four 5k+ lumen projectors and four speakers plus subwoofer/s. Ideally, the projectors are ceiling-mounted, but they may be floor-standing. Depending on the site, corner gaps, between the transparent screens, are usually 1-3m in length.

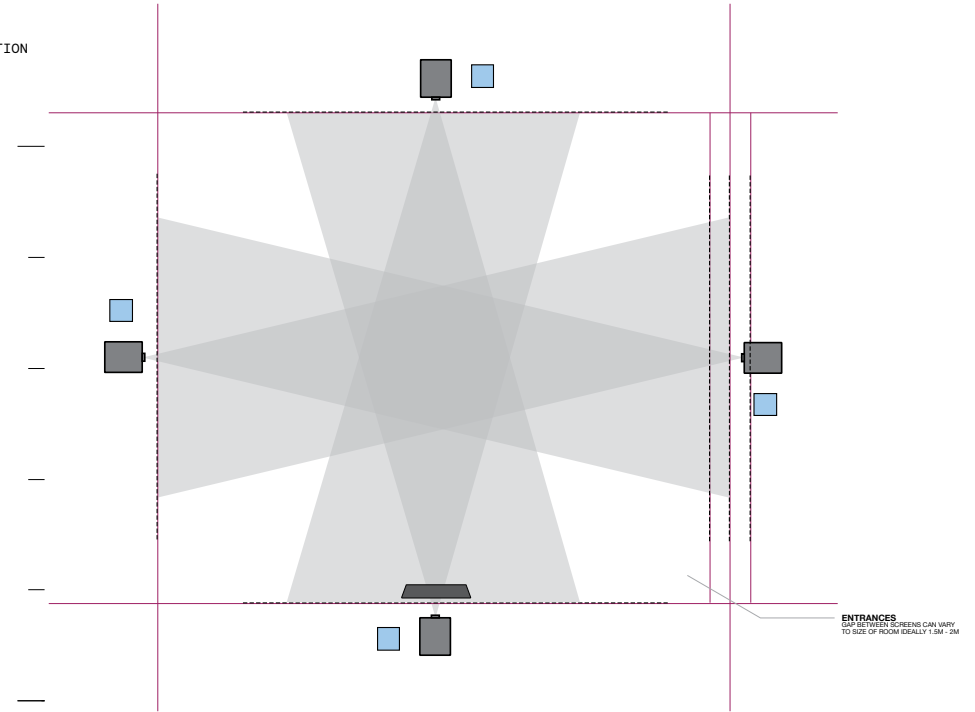
A Kinect box driven by Apple's Quartz Composer is used for interactivity.

Video playback can be achieved with the help of a Datapath X4 interface (which can be supplied) or a computer with at least five video outputs, e.g. a 2nd-generation (late-2013) Mac Pro. Sound playback requires a sound card with at least 5 discrete outputs.

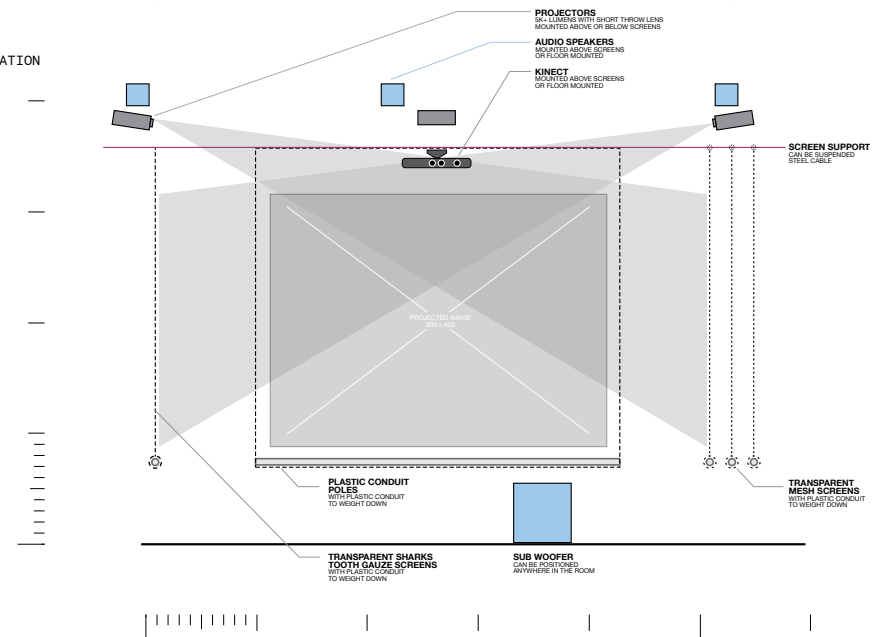
TECH LIST

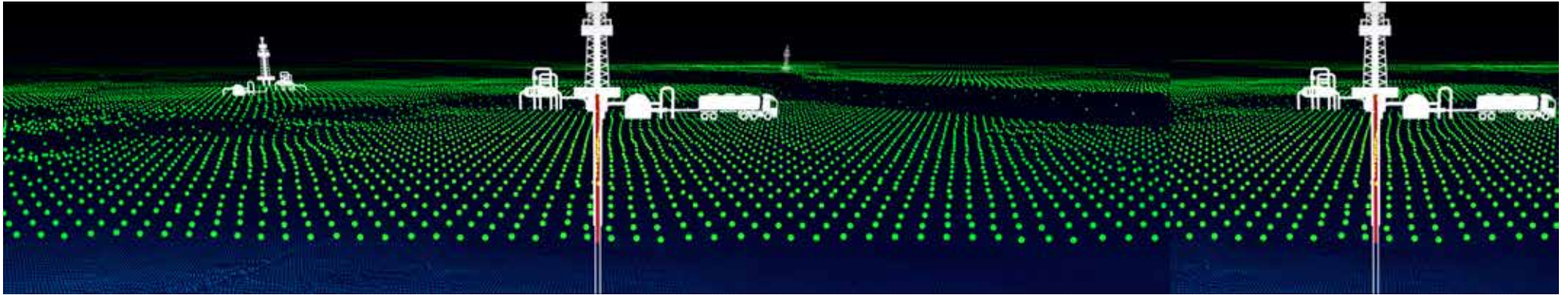
- 3 X TRANSPARENT GAUZE SCREENS. (SOURCED BY D-FUSE)
- 3 X TRANSPARENT MESH SCREENS. (SOURCED BY D-FUSE)
- 1 X SOUND SYSTEM.
- 1 X SOUND CARD.
- 1 X KINECT BOX. (SOURCED BY D-FUSE)
- 1 X MAC PRO OR HIGH-SPEC MAC MINI.
- 1 X DATAPATH X4 VIDEO PROCESSOR. (CAN BE SOURCED BY D-FUSE)
- 4 X DATA PROJECTORS IDEALLY 6-8K LUMENS.
- MESH SCREEN, CABLE AND FIXINGS AS REQUIRED.

TOP ELEVATION

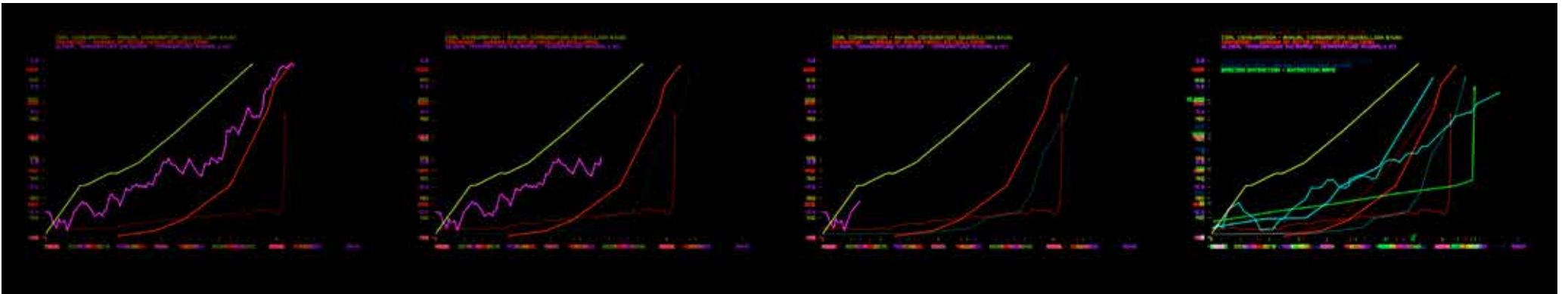


SIDE ELEVATION





SMALL GLOBAL - EXTREME ENERGY



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D-FUSE PROFILE

D-Fuse is a London-based artist collective working across a range of media. Founded in the mid-1990s by Michael Faulkner, its output encompasses installations, film, experimental documentary, photography, live cinema performances, VR/AR and architectural projects. Beginning in graphic/web design and VJing, D-Fuse's work has evolved to address social and environmental themes and explore collaborative processes. Further to working with groundbreaking musicians Steve Reich, Beck, Hauschka, Scanner and Swayzak, many of D-Fuse's projects, since 2004, features sound/music by audio director Matthias Kispert or audio-architect Martyn Ware [of Heaven 17/The Human League].

D-fuse has exhibited internationally at events including SFMOMA, WRO Festival [Wrocław], Prix Ars Electronica [Linz], Sonar [Barcelona], onedotzero Festivals, Eyebeam and TriBeCa Film Festival [NYC], MU and STRP Festival [Eindhoven], Lisbon and Valencia Biennale and the Moscow Architectural Biennale. The D-Fuse-edited book, VJ: Audiovisual Art and VJ Culture, was published by Laurence King in 2007.

www.dfuse.com