

Julie's Bicycle

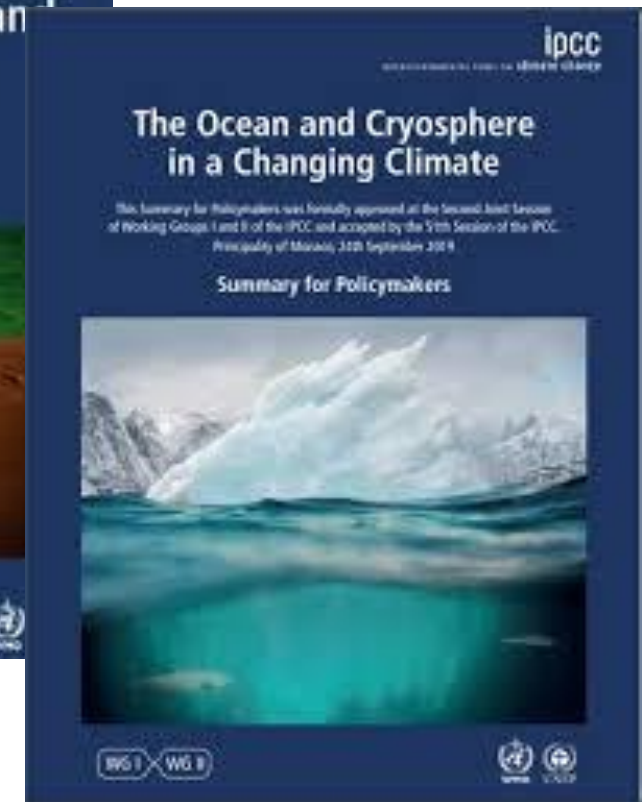
CREATIVE • CLIMATE • ACTION



1968 Club of Rome founded
1972 Club of Rome *Limits to Growth*
1974 James Lovelock and Lynn Margulis *Gaia hypothesis*
1987 Brundtland Commission *Our Common Future*
1992 Earth Summit: Rio de Janeiro
UNFCCC (Climate Change) and Agenda 21 (Sustainable Development)
1995 First COP (Berlin)
1997 Kyoto Protocol
2000 Millennium Development Goals
2004 Agenda 21 for Culture
2005 Kyoto Protocol enters into effect
2009 Stockholm Resilience Centre *Nine Planetary Boundaries*
2015 Sustainable Development Goals
2015 COP21 Paris Agreement
2016 Paris Agreement enters into force
2019 3 IPCC Reports, 1 IPBES
2020 Green Deal for Europe
2020 COP26



ipcc
INTERGOVERNMENTAL PANEL ON
climate change

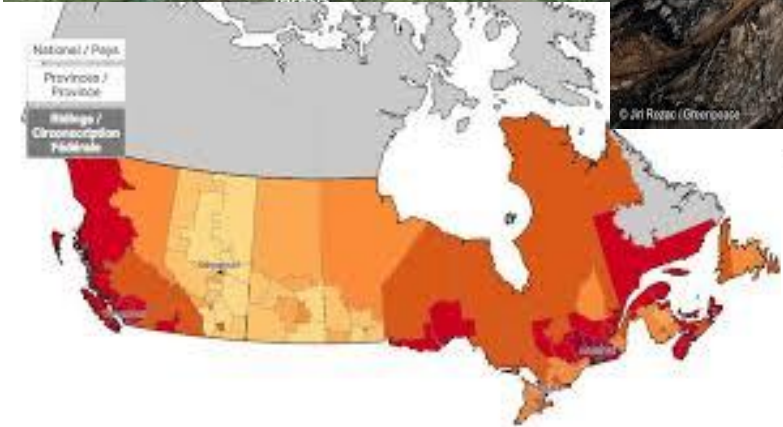


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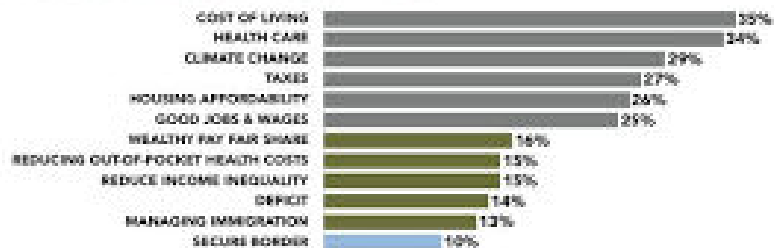
4.



SKOLSTREJK
FÖR
KLIMATET



TOP 3 ISSUES IMPACTING YOUR VOTE





i
d
e
n
t
i
t
y

community

values

aspiration

heritage

history

context

METAPHORS

Nature

- a machine
- a hostile agent
- to be dominated

Nature

- a giving parent
- a web of life
- a teacher

Culture

- an engine of growth
- the pinnacle of our achievement
- nature transcendent

Culture

- a creative child
- an ecosystem
- a learner



FRAMES

Nature has no intrinsic value

- should be conquered
- exploited
- Engineered
- bought and sold

Everything is connected

- Humans are part of nature
- Earth is a holistic living organism
- Earth is creative beyond our imagination and humans have much to learn

Culture can conquer the world

- will drive economic growth
- artistic priorities are supreme
- can buy, own, exploit, sell natural resources

Culture is reliant on a thriving world

- is tangible and intangible heritage
- is dependent on the Earth
- has much to learn from nature



Julie's Bicycle

Creative Climate Action

Creativity and culture powering environmental action

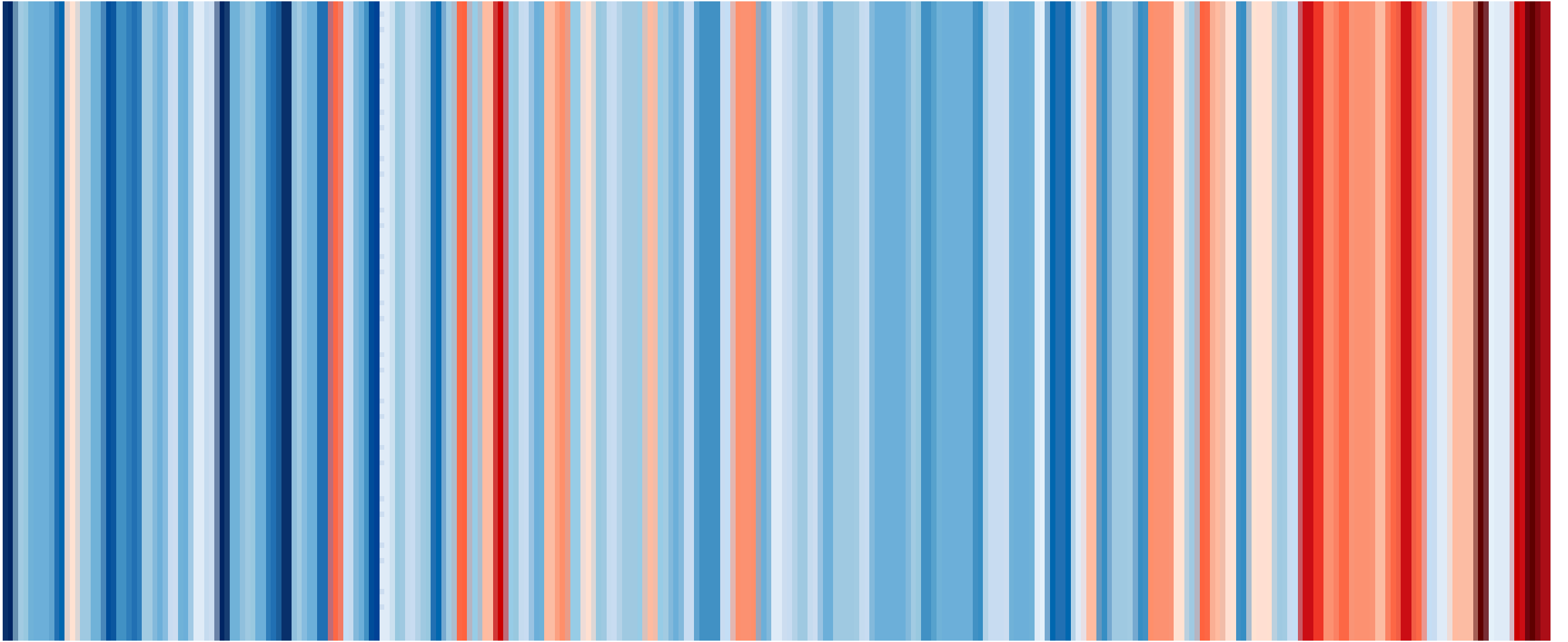


OUR OBJECTIVES

- Cultural activities are restorative & net zero carbon
- Culture inspires action on the climate & ecological crisis



Metrics

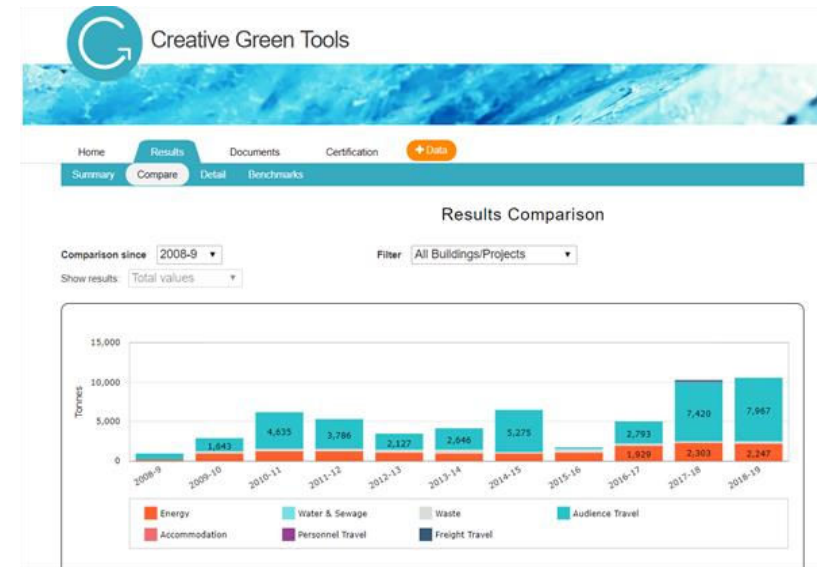
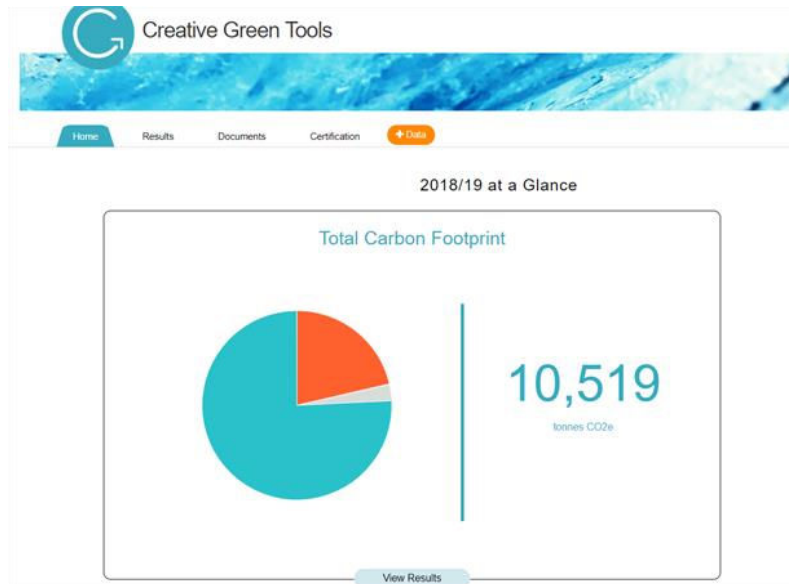


Creative Green Tools



- carbon calculators specifically for culture (venues, tours, productions, festivals, etc.)
- ~5000 registered from **50** countries (40% international)

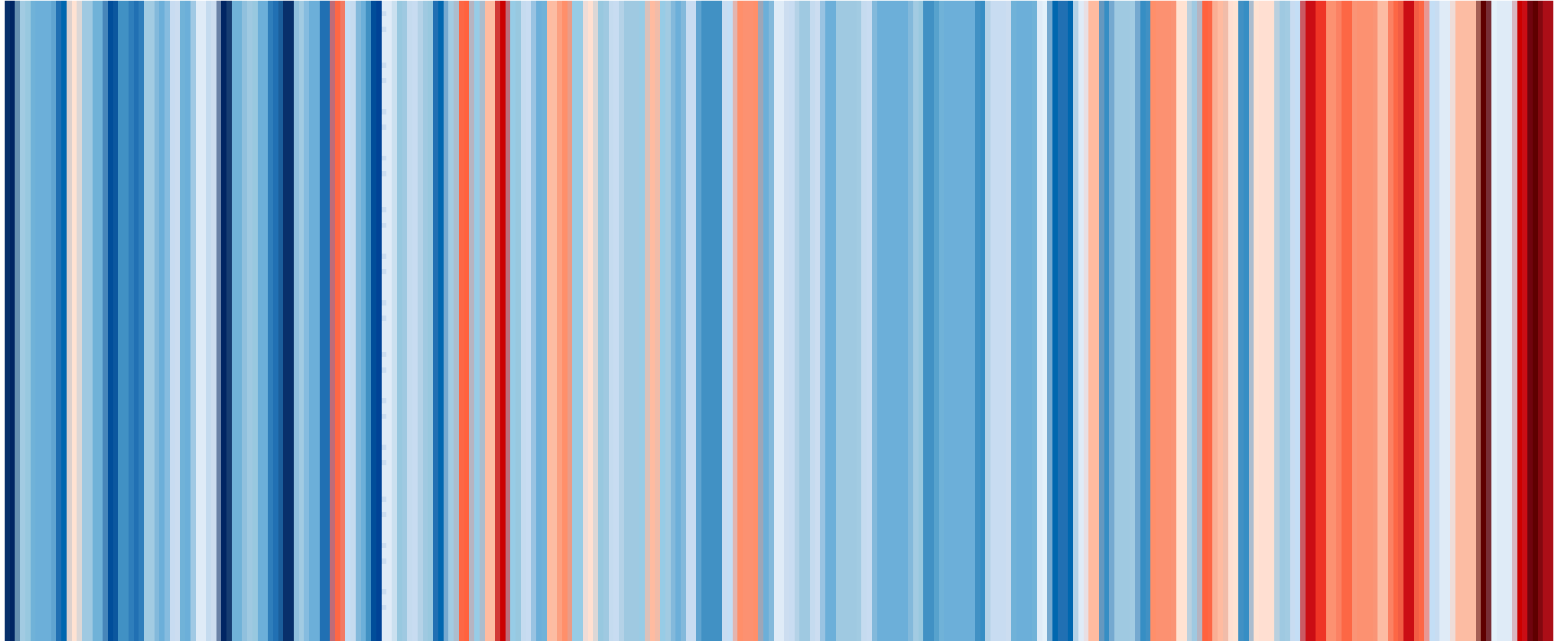
www.ig-tools.com



largest evidence base for cultural impacts globally: ~5000 active users

- 
- A high-speed photograph of a water droplet falling into a pool of water. The droplet is captured mid-fall, just above the surface, creating a small splash and concentric ripples. The background is a solid blue color.
- International carbon dataset for culture
 - Value metrics (well-being, commissions, actions)
 - Library of guides, resources, case studies
 - 4500 companies actively tracking & managing impacts

Growing knowledge



Research * Resources * Networks * Events

JULIE'S BICYCLE ****
TAKING THE HEAT OUT OF MUSIC

REPORT

First Step UK Music Industry Greenhouse Gas Emissions for 2007

"The UK music industry is a pivotal cultural and creative industry, nationally and internationally; it therefore has the power – and the responsibility – to be a proactive leader in taking and driving climate change action"

Herbert Art Gallery
Energy and Carbon
Opportunities

January 2018



The Whitworth Gallery:
Energy and Carbon Trends and Saving
Opportunities Report

December 2017



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SUSTAINING CREATIVITY



IND

1 Touring Webinar
October; 10-11am

ham
Manager
liesbicycle.com

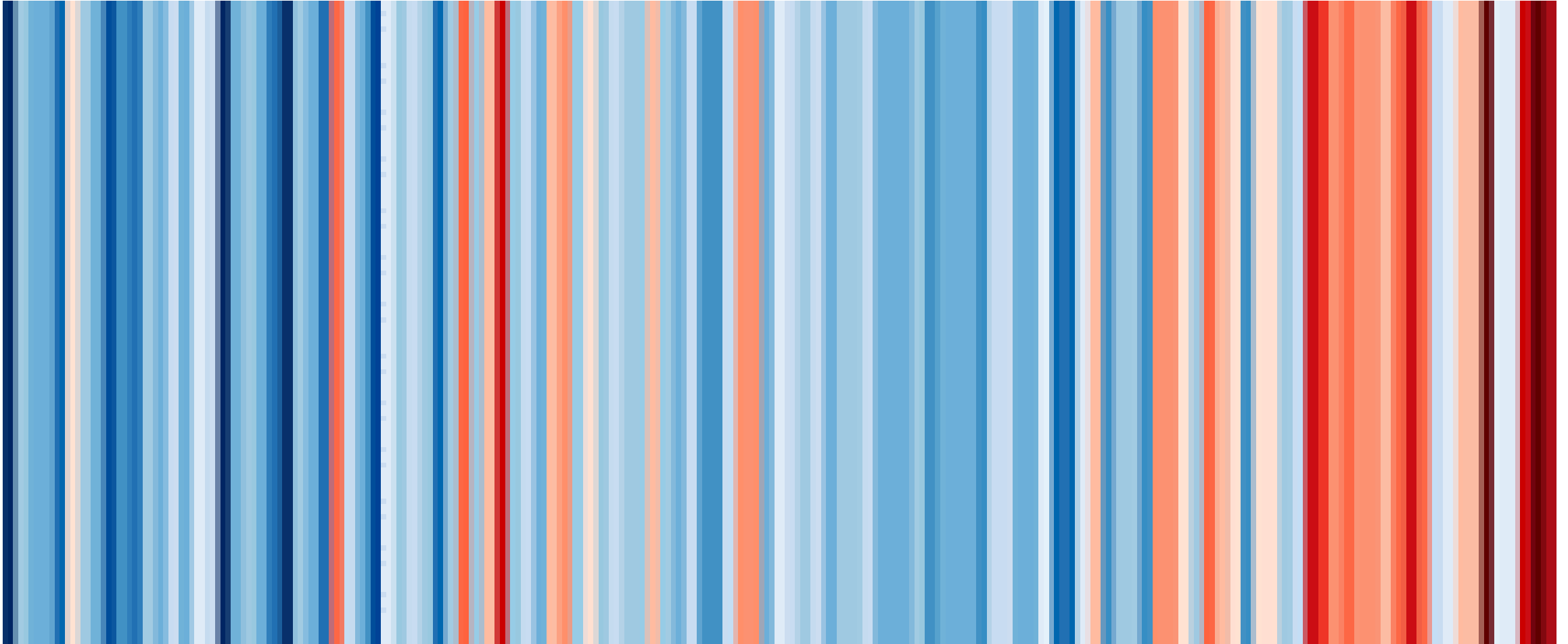
Special guest: Louise Allen
General Manager
New Adventures



CREATIVE SPACES
FOR NATURE



Taking Action





- 350 awards
~100 consultancies



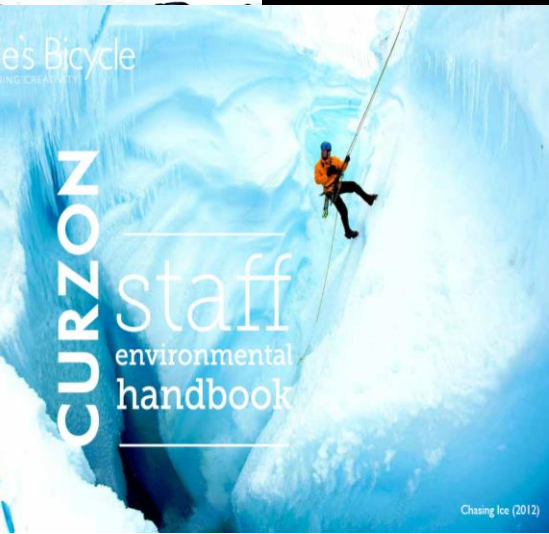
GREENING
THE BRITs
2018

“What we were all trying to do is raise an issue of great importance...to protect our beautiful planet...The future of all life now depends on us.”
DAVID ATTENBOROUGH, 2018

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A grid of logos for various organizations that have joined Creative Green. The logos include: Manchester Science Festival, HOME, opera north, barbican, V&A, SHAMBALA, LTC, TYNE & WEAR archives & museums, Festival REPUBLIC, Sheffield Theatres, NORWICH THEATRE ROYAL, and SADLER'S WELLS. At the bottom of the grid, the text 'Look who has joined Creative Green' is written in a teal color.





creative green
certification



*	1-15
**	16-30
***	31-60
****	61-80
*****	81-100
POINTS	



**2012 –
22**



What is arts and culture's carbon footprint?



Energy efficiency and carbon reductions

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SUSTAINING CREATIVITY

ENVIRONMENTAL PROGRAMME

ARTS COUNCIL
ENGLAND

23%

decrease in energy
use between 2012/13
and 2017/18

35%

decrease in energy use
emissions (based on electricity
and gas) from 67,600 to
44,000 tonnes of CO₂
between 2012/13
and 2017/18¹

7%

average annual reduction
in energy use emissions
(based on electricity
and gas) since
2012/13

¹ This reduction is partly related to the UK's grid decarbonisation as fossil fuel energy generation is phased out and replaced with renewables.

Image: I am the Universe anthology FC

Increasing Resilience

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£16.5m

saved by the reporting
portfolio since 2012/13 due
to year on year
reductions in energy
use 1

75%

of organisations find their
environmental policy
useful for supporting
funding applications

Image: The Colour Green by Julie's Bicycle

1. Based on results from applying the 5% average annual reduction achieved by the core group on energy spend to the whole portfolio (based on 2012/13 electricity and gas on 439 organisations)

Taking action

64%

taking steps to
eliminate single-use
plastics

54%

have installed energy
efficient lighting and
controls

70%

actively promote
virtual communications
technology as
an alternative
to travelling

49%

have produced,
programmed or
curated work exploring
environmental
themes

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ARTS COUNCIL
ENGLAND

Aerjou Wheelhouse –
Bournemouth Arts by the Sea 2016
Photo © Steve Edwin



- CO2 emissions down 35%
- Direct energy consumption down by 23%
- Financial savings of ~£16.5 million
- New skills and knowledge – clean technologies, goods & services, solutions & circular economy

Signs of a new creative ecology

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ARTS COUNCIL
ENGLAND

78%

included environmental sustainability in core business strategies

38%

have director or board level representatives with a specific environmental remit

47%

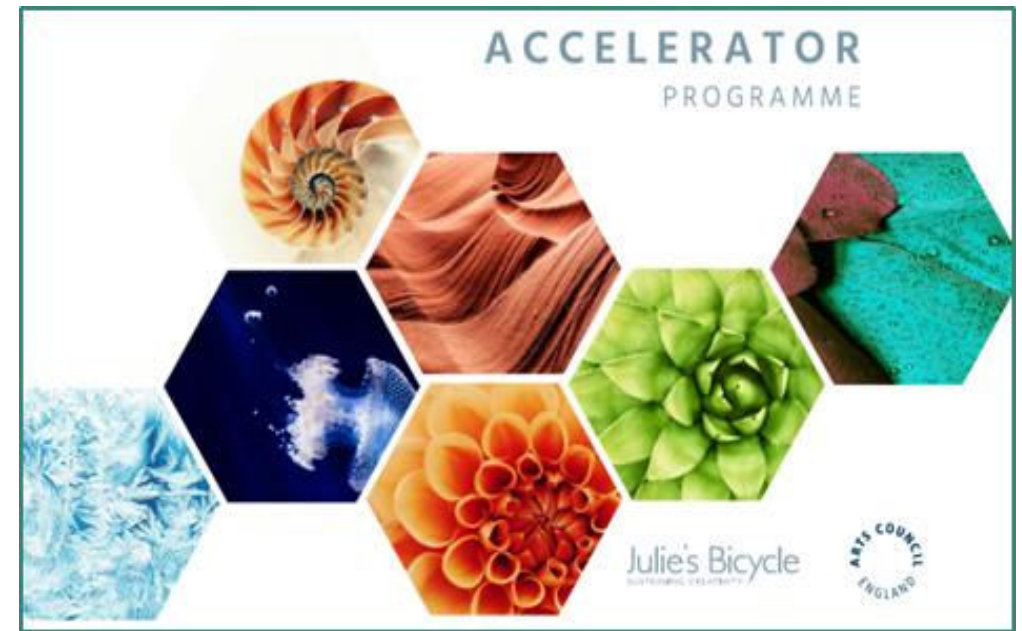
trialling sustainable production or exhibition methods

29%

with an ethical sponsorship or partnerships policy

In Between Time – Fog Bridge, Fujiko Nakaya.
Presented in partnership with Bristol2015, Green Capital. Photo © Max McClure

2018-22



GLYNDEBOURNE

opera
north

ROYAL
LIVERPOOL
PHILHARMONIC
ORCHESTRA

Sage
Gateshead

SOUTHBANK
CENTRE

Leeds
Museums
& Galleries

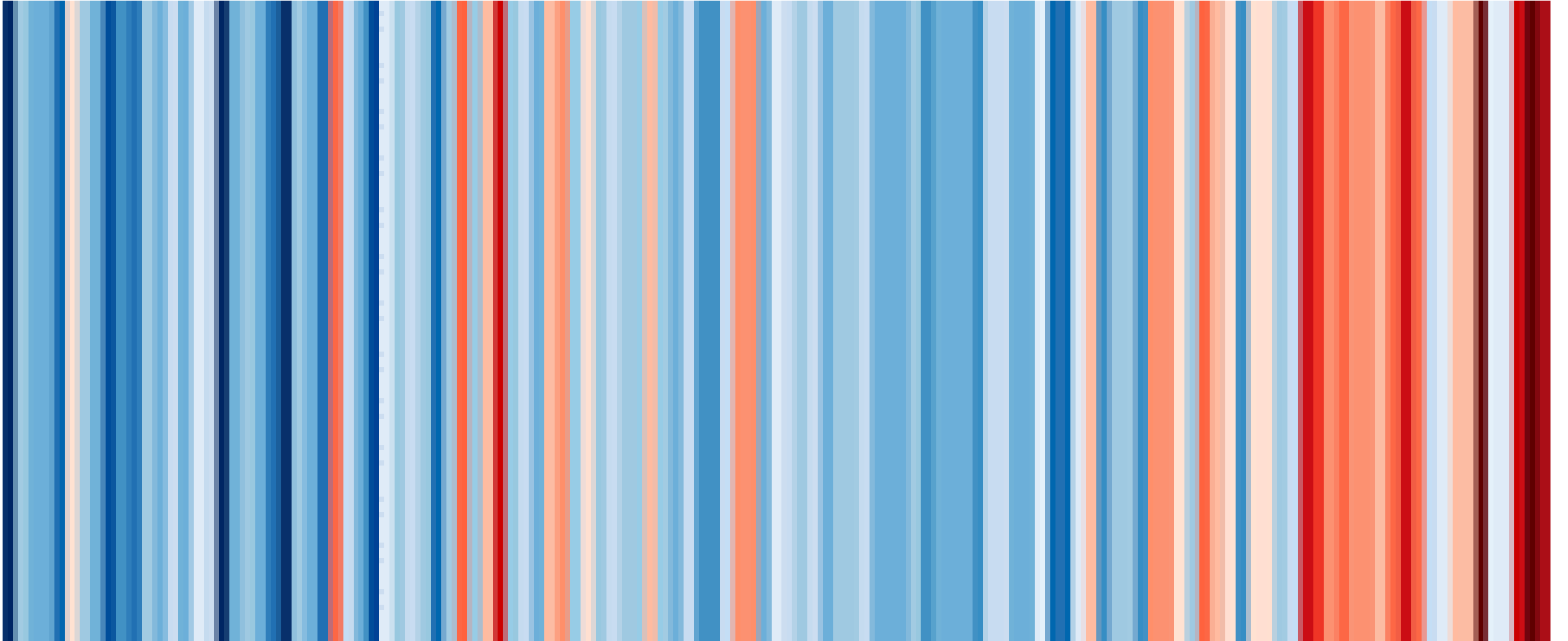
TULLIE
HOUSE
MUSEUM AND
ART GALLERY
CARLISLE


ROYAL
OPERA
HOUSE

National
Theatre



Creative Connections



SEASON FOR
CHANGE

Celebrating the environment through culture
and inspiring urgent action on climate change

2020

ABOUT ▾

EVENTS

TAKE PART

RESOURCES

NEWS

#SEASONFORCHANGE2020



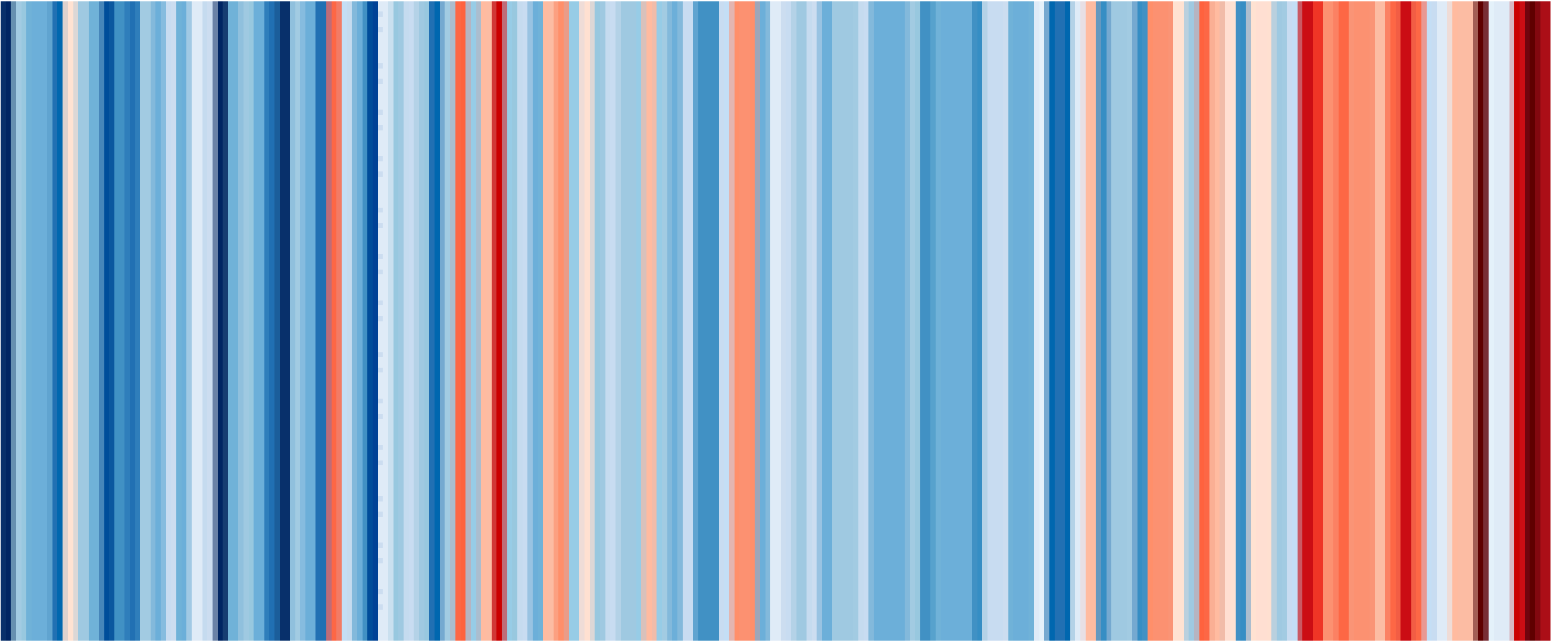
CELEBRATING THE ENVIRONMENT THROUGH CULTURE

A national season of events inspiring urgent action on
climate change

Find out more



ecoCultural policy



ADVOCACY PROGRAM

2017



United Nations
Framework Convention on
Climate Change

Co-developed Art4Climate, a
weekly spotlight on climate
change

SALZBURG
GLOBAL
SEMINAR

Facilitating a session
on cities incubating
cultural climate action



Writing a policy handbook and
20 city profiles on how to better
integrate culture and climate
change. Building an
international cities programme.



A European project
supporting historic
city centres to
become labs for
regeneration.

C-CHANGE

Developing responses for
arts and culture leading
climate action in cities

2019: World Cities tackling climate crisis thru' culture



<https://www.juliesbicycle.com/resource-tackling-climate-through-culture-2019>

WHAT IS A MOVEMENT?

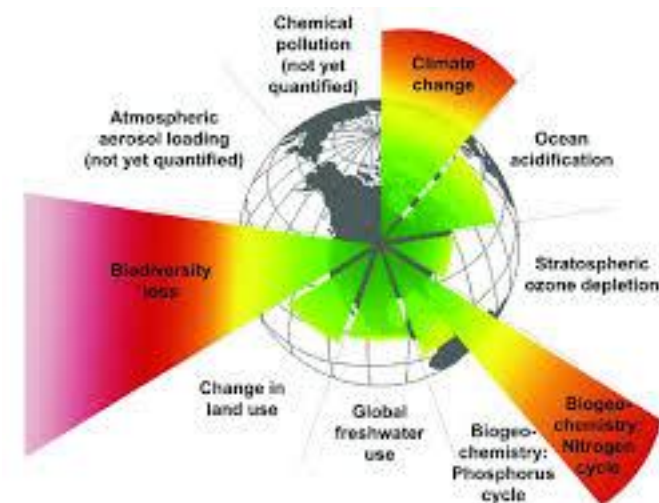


Photo by Flickr user aaddaamn, published under Creative Commons CC BY 2.0

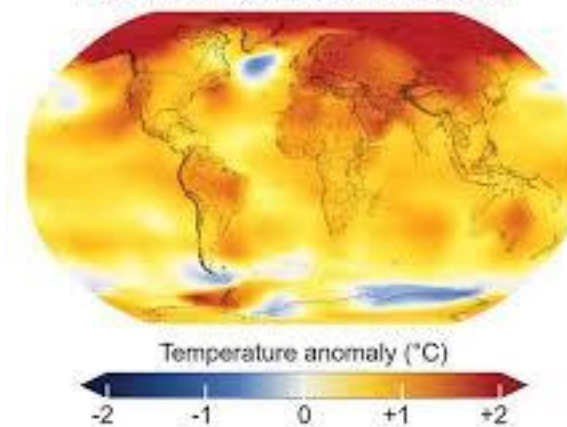
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CREATIVE CLIMATE CENSUS

Attitudes and actions of UK cultural leaders on climate change and
environmental sustainability



Temperature Change in the Last 50 Years
(2014-2018 Average vs 1951-1980 Baseline)





7

TRENDS



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Creative Climate Movement

PATH-FINDING

C-CHANGE

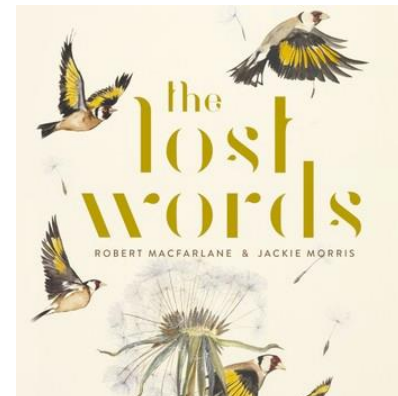
ARTS + CULTURE
LEADING CLIMATE ACTION IN CITIES



Climate Heritage
N E T W O R K

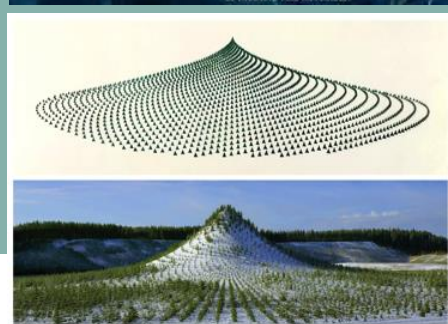


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Creative Climate Movement

ART WORK



01

Creative Climate Movement

ACTIVISM

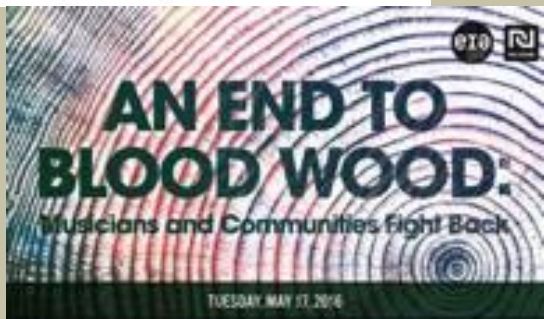


Mark Rylance heads list of artists calling for end to BP cultural sponsorship

Oscar-winning actor among 214 signatories of an open letter demanding cancellation of oil firm's new five-year arts sponsorship deal



**MUSIC
DECLARES
EMERGENCY**



**CULTURE
DECLARES**



02

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CREATIVE • CLIMATE • ACTION

Creative Climate Movement

and JUSTICE



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CREATIVE • CLIMATE • ACTION

Creative Climate Movement ORGANISATIONS

03

CREATIVE



GREEN



CURZON



UNIVERSAL MUSIC GROUP



Royal Albert Hall



National
Theatre

The Lapworth Museum of Geology



Aspire



LOTTERY FUNDED
ARIENNIR GAN Y LOTERI

ArtFund

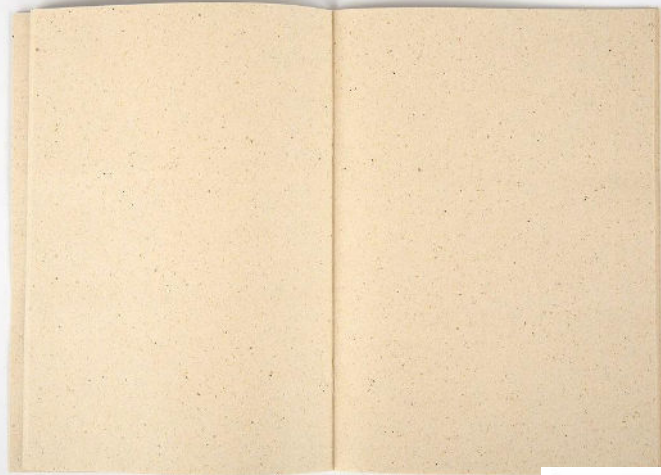
TATE

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Notweed Paper

Locally sourced paper from invasive plants



Creative Climate Movement

DESIGN & INNOVATION

04

open house



ART31

BREATHING CANTERBURY

21 July – 30 September 2018

The Beane House of Art & Knowledge,
Canterbury
Museums, Visual Arts



V&A

FASHIONED FROM NATURE

21 April 2018 – 27 January 2019

V&A, London



COAL FOREST

27 October 2018 – 22 April 2019

Woodhorn Museum, Ashington
Museums, Visual Arts

Innovating humanitarian aid

Festival grounds and refugee camps have more in common than you may think. Together with The Netherlands Red Cross, Open-House is developing innovative solutions for (re)building shelters using renewable energy and electrical tools.



TOM JAMES AND ALEX HARTLEY

THE CLEARING

26 June 2018

Castlefield Gallery, Manchester
Talk

Creative Climate Movement

POLICY CHANGING

05

**Green Events**
18 mins · 🌐

Gemeente Amsterdam zet grote stap richting afvalvrije festivals: vanaf 2020 is het gebruik van herbruikbare bekertjes verplicht.

Municipality of Amsterdam takes a big step towards waste festivals: from 2020, the use of reusable cups is mandatory.

⚙️ Rate this translation



Vanaf 2020 geen single-use plastics meer op Amsterdamse evenementen en festivals - Plastic Soup Foundation

PLASTICSOUPFOUNDATION.ORG

 4

2 Comments



ARTS COUNCIL
ENGLAND

16
17

sustaining
great art

Policy and Practice Series

WORLD CITIES CLIMATE FORUM

CULTURE AND CLIMATE CHANGE

Handbook for City Leaders

COLLABORATION

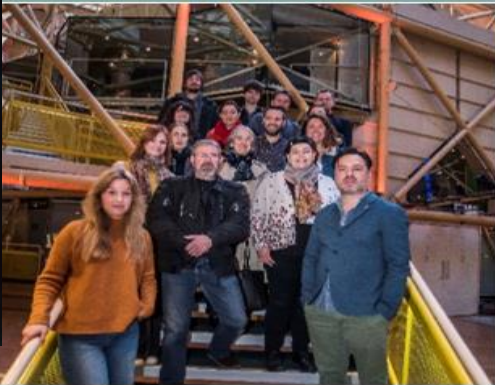
THE POWERFUL
THINKING GUIDE 2017

Smart Energy for Festivals
and Events

SEASON FOR
CHANGE

MUSEUMS AND
SUSTAINABILITY
#SustainableMuseums

MANCHESTER ARTS SUSTAINABILITY TEAM



Reasons for Diesel Use at Different Events

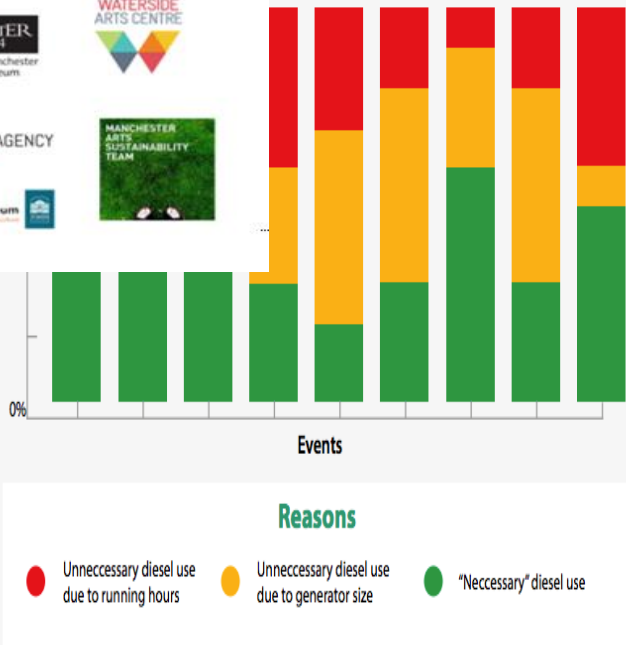
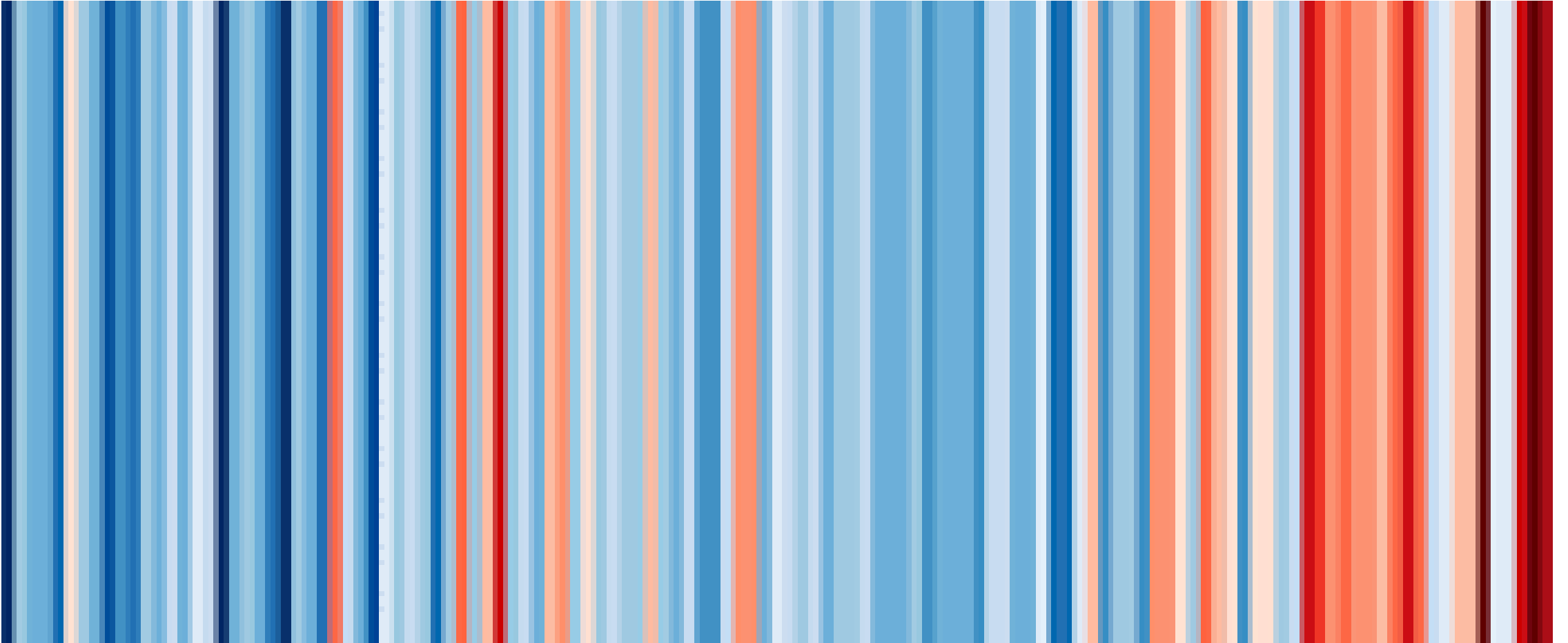


Figure 3. Reasons for Diesel Use at Different Events, Watt-Now, 2015

Strengthening the Movement



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Resources

FAQs

Partners

Alumni



A global network of artists and cultural leaders

What can culture and creativity do for
the climate challenge?

Find out more



The rocks are beyond slow, beyond strong, and yet yielding to a soft, green breath as powerful as a glacier, the mosses wearing away their surfaces grain by grain, bringing them slowly back to sand. *Robin Wall Kimmerer*