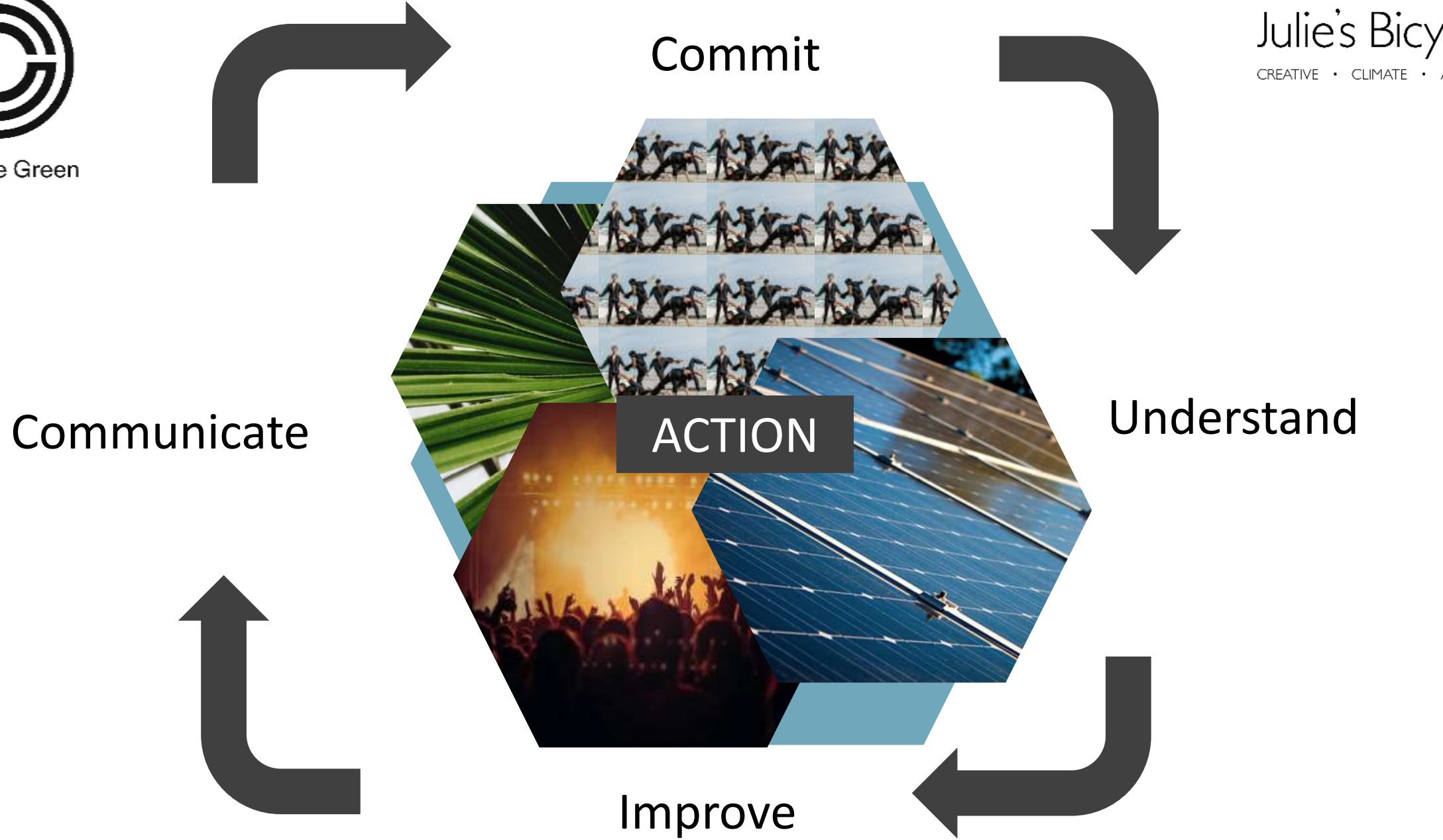




Creative Green

Julie's Bicycle  
CREATIVE • CLIMATE • ACTION





**museums & heritage:**  
creative climate action starts here

**TIPS, GUIDES & RESOURCES**

**First steps: Tips for everyone**

- ✓ Commit to action
- ✓ Understand your impacts
- ✓ Take action & improve
- ✓ Get creative, Speak out and Push for change

**Sign up to JB's monthly digest for more events, opportunities and resources**

**Julie's Bicycle**  
CREATIVE + CLIMATE + ACTION

**SECTOR NETWORKS & PROJECTS**

- Climate Literacy 101
- Creative Green Tools – free carbon calculator
- Holistic environmental framework for museums
- Learn how to understand your data
- Create an Environmental Policy and Action Plan
- Switch to 100% renewables
- Reduce your plastic use
- Learn about biodiversity
- Consider pricing your impacts
- Join the Creative Green Community with consultancy, audits and certification
- Join and support the Culture Declares Emergency campaign
- Follow the Climate Heritage Network

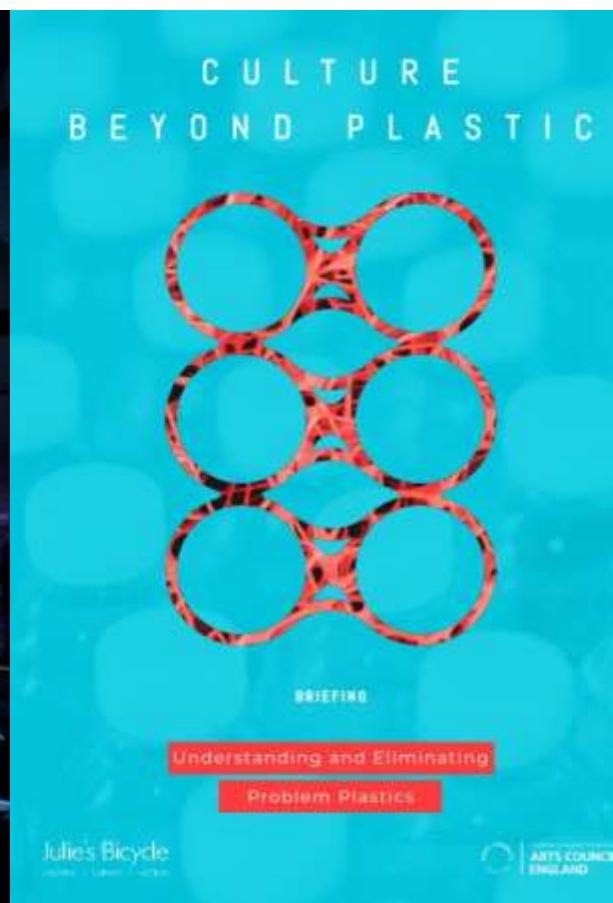
**#CreativeClimateAction**

**Edición en español**  
Traducción realizada por la Plataforma #Culture Sostenible con el permiso de Julie's Bicycle

**1**

<https://juliesbicycle.com/resources/>







# Sector role and response



# Green Museums: Tackling the Climate Crisis

National Museum Directors' Council, 2021

[nationalmuseums.org.uk](https://nationalmuseums.org.uk)

## 01 Research

04

### Butterflies Through Time

University Museum  
of Zoology,  
Cambridge

04

### Testing Climate Change at the Extinction Event

Manchester  
Museum

05

### Reef Refugia Project: Adaptation of the Coral Triangle over 30 million Years

Natural History  
Museum

## 02 Public Engagement

07

### Growing Together

Royal Albert  
Memorial  
Museum  
and Art Gallery

07

### Urban Biodiversity

National  
Museums  
Scotland

08

### Beat Plastic Pollution

Horniman  
Museum and  
Gardens

08

### Story:web

Tyne & Wear  
Archives &  
Museums

## 03 Estates and Operations

10

### Sustainable Travel

National Galleries  
Scotland

10

### Greening our Estates & Operations

Science Museum  
Group

11

### Virtual First Courier Policy

Tate

11

### Managing Repository Environments

The National  
Archives

**barbican**

# Our Time on Earth

Thu 5 May—Mon 29 Aug 2022, The Curve

**Our Time on Earth looks to transform the conversation on climate emergency. Harnessing the power of global creativity, it presents radical visions and possibilities for the future of all species.**



## Sustainability Manifesto

*Our Time on Earth* gives us an opportunity to pilot new ways of sustainable working at the Barbican. Initiated and led by Guest Curators Caroline Till and Kate Franklin with support from Julie's Bicycle, we have developed a set of guidelines for sustainable touring exhibitions and asked all our partners and collaborators to sign up to our sustainability commitment to ensure all involved in delivery of the exhibition are working to the highest possible environmental standards. We are developing this practice in collaboration with other departments as part of our five-year sustainability strategy that will be published in early 2022.





# BIO27 Super Vernaculars, exhibition view of the section Negotiating Traditions.

Exhibition design by Medprostor architects. Photo:  
Klemen Ilovár / MAO Ljubljana, Slovenia



Partnerships for Innovation: Seeking innovators creating or reinventing materials to be utilised in the exhibition design and creative production for the 23rd Biennale of Sydney (2022)





Coexistence Project,  
Elephant Family and  
British Asian Trust


# Waste Exhibition at Design Museum

- Renewable energy
- Reuse plinths
- Cross laminated Timber frames instead of traditional aluminium
- Recycled plastic signage
- Wall made of unfired bricks that can be reused again
- Challenge the usual ways of doing things



<https://www.dezeen.com/2021/10/27/waste-age-design-museum-urge-audit/>



A small green seedling with several leaves is growing out of a crack in a dark, textured rock surface. The background is blurred, showing more of the rocky terrain and some distant light patches.

What examples  
would you add?



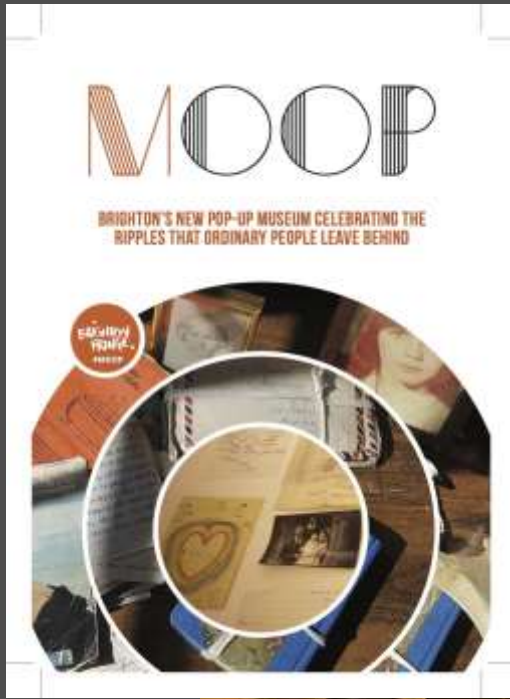
- Fashion From Nature terrariums and buffalo grass panels donated to local schools
- Textile waste donated to women's refugee art project
- Fashion From Nature hemp tables donated to Hempen Farm





**COMPOSTING sign from Food: Bigger Than the Plate**





V&A protean walls, Perspex hoods, plinths and cradles donated to the award-winning *Museum of Ordinary People*, Brighton





Setworks and vintage TV sets from *You Say You Want a Revolution* donated to







# Day of Design Solutions to the Climate Crisis, 22 September







# People's Kitchen Food Waste Feast on 'Museum Waste' Furniture

Day of Design Solutions to the Climate Crisis 2019



# Day of Design Solutions to the Climate Crisis, 2019



999Club Furniture Upcycling Collaboration



*“This project spoke volumes to me. Not only were we given the opportunity to bring a new life to the V&A’s crates through their eco-friendly project but also, as a designer/maker, have the chance to use my experience to help towards a truly rewarding cause” [Jacob]*





# People's Kitchen Food Waste Feast on 'Museum Waste' Furniture



*"It has given me a taste of what to expect as I get closer to graduating as a furniture designer/maker in 2020. The V&A has a special place in my heart as I have spent many hours learning about design and social history from the thousands of artefacts on display. I sincerely hope that my bench can go on to a worthy course and give someone as much pleasure as I have had making it." [Rob Parker, Student at Building Crafts College]*



# Legacy Projects - Participatory City





# A Collaborative Project



# Roots and Branches

## Roots:

Creating a **nationally significant co-working hub of cultural environmental action** at Manchester Museum

## Branches:

Creating a **carbon literate** environmentally aware and active **museum sector**





# Branches

- Develop museum sector specific Carbon Literacy Toolkit
- Build capacity, skills and knowledge to reduce carbon and take climate action
- 9 regional Museum Development teams across England supported by new Carbon Literacy Officer role
- Trainer support and deep-dive sessions enabling roll out of courses and action across museums and networks

The logo consists of a light blue rectangular background. Inside, there is a black speech bubble pointing downwards. The text "Carbon Literacy for Museums" is written in white, bold, sans-serif font inside the speech bubble.

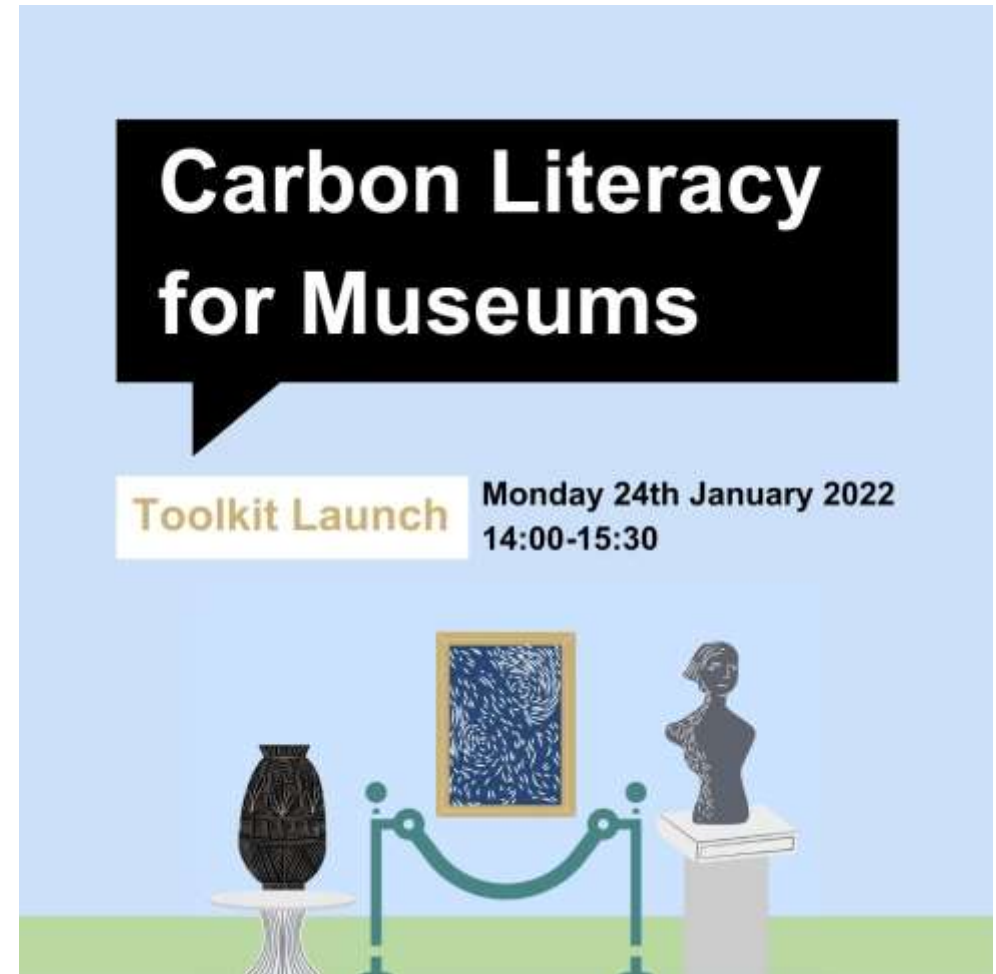
**Carbon Literacy  
for Museums**

The logo features the words "museum development" in a grey, lowercase, sans-serif font. Below this, the letters "md" are written in a large, bold, green, lowercase, sans-serif font. To the right of the "md" is a vertical green bar. Below the "md" and the bar, the word "england" is written in a grey, lowercase, sans-serif font.

museum  
development  
**md**  
england

# The Toolkit

The Toolkit is a catalyst for organisations that are already places of education and engagement to deliver vital societal messages addressing climate change





# Course Outline

## Module 1:

- Introduction
- Climate change science
- Impacts

## Module 2:

- Equity and vulnerability
- The role of museums
- Co-benefits

## Module 3:

- The policy position
- Carbon footprints
- Low carbon museums

## Module 4:

- Spheres of influence
- Action planning
- Having conversations

# Learning Objectives

- Gain an understanding of the **basic science of climate change** and how climate change is affecting us both **globally** and **locally**
- Gain an understanding of how **climate change can affect museums**
- Explore the **impact** that museums can have on tackling climate change
- Create **actions** to help reduce the carbon footprint of your museum
- Explore **strategies** for influencing others to take action on climate change



# Trainer insight

“The ripple effect from this training is going to be massive. Delegates are planning to host monthly lunches across their museum, start a Green Team network for all working at a group of linked museums, and include green objectives in all the policies and actions for a new museum charity being formed. Exciting stuff.”



# Getting to net zero

“We need to actively challenge our employers to **set and achieve climate control related targets** in our work spaces and to work alongside them to achieve them.”

“Museums have a role to play here as **spaces where these discussions can happen, and as institutes of public education** – as well as a sector with lobbying power.”

“Carbon reduction needs to be at the forefront of everyone’s mind, globally. Big businesses need to invest in sustainable future and renewable energy. **Influence, talk to policy makers, visitors, your board members. We can do this.**”



# Governance and influence

“To **open conversations with Trustees** about the carbon footprint of our home and work lives with an aim to **appoint a Trustee to become a Carbon Executive** with whom I can **draw up a reasonable governance policy** to **shape the carbon impact of the Museum moving forward** and that **sets clear goals** for achieving carbon neutrality.”



# Further Information

## **Toolkit for Museums**

[carbonliteracy.com/toolkits/museums](https://carbonliteracy.com/toolkits/museums)

## **Museum Development**

[alison.criddle@manchester.ac.uk](mailto:alison.criddle@manchester.ac.uk)

## **The Carbon Literacy Project**

[info@carbonliteracy.com](mailto:info@carbonliteracy.com)