Institute of Contemporary Art San José
Facing West Shadows: The Endless End

Exhibition Carbon Emissions Calculation

2023

This is the inaugural baseline emissions calculation, reduction planning, and Strategic Climate Fund contribution undertaken by Institute for Contemporary Art San José

Calculation References

Institution:	Institute of Contemporary Art San José
Institution Type:	Non-collecting museum
Institution Address:	560 South 1st Street, San José, California 95113
Artist(s) Name:	Facing West Shadows
Exhibition Title:	*Facing West Shadows: The Endless End*
Exhibition Curators:	Zoë Latzer
Exhibition Type:	Temporary
Exhibition Size:	722 sq ft.
Exhibition Website:	ICASANJOSE.org
Audit Dates:	Exhibition dates: April 1-August 21, 2022
Carbon Calculation Dates:	2023
Calculation Scope:	Energy, travel, printing for exhibition
Metrics Source:	Link
Calculation History:	This is the inaugural calculation for ICA San Jose
Calculation Initiated by:	Haley Mellin, Artist, Art into Acres
Editorial and Metrics:	Jodi Roberts, Managing Director, Art + Climate Action
Secondary Audit:	Amanda Lipari Maxson, Environmental Consultant
Carbon Calculators:	Gallery Climate Coalition (GCC) (Primary Calculator) Sustainability Tools in Cultural Heritage (STiCH) Carbon Accounting Company (CAC)
Advisors:	Danny Chivers, Environmental Advisor to Gallery Climate Coalition Leslie Durschinger, Founder and CEO, Terra Global Capital Matthew Eckelman, Associate Professor, Northeastern University Ian Lipton, Founder, Carbon Accounting Company Laura Lupton, Co-founder, Artists Commit, Galleries Commit, Barder.art Heath Lowndes, Managing Director, Gallery Climate Coalition Shayna McClelland, Sustainability Consultant, McClelland Co. Sarah Sutton, Co-Founder and CEO, Environment & Culture Partners
Calculation Grant Support:	Teiger Foundation
SCF Support:	Art into Acres
Report Contact:	haley@arttoacres.org

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Section 1: Carbon Report Assessment

Institution Summary

Established in 1980, The Institute of Contemporary Art San José (ICA) is a non-collecting contemporary art museum committed to examining the most urgent contemporary issues through the lens of artistic practice. Located in downtown San José, the ICA provides a platform for changing and broadening the art historical canon, providing visibility and critical examination for an inclusive selection of artists of the Bay Area and beyond. The ICA is equally committed to reflecting the diversity of its audiences and offering engagement with the best contemporary art practice for free.

Founded in 1980, the ICA is a vital member of the many arts groups that make up the cultural fabric of San José, engaging audiences through innovative visual art exhibitions and public programs. Our exhibitions are designed to build community – to provide a space in which artists can access the resources needed to express their creative spirit and the public may experience a rich range of artistic expression.

In April 2006, the ICA made the ultimate commitment to downtown San José by purchasing a 7,500-square-foot building located at 560 South First Street. With the opening of our new facility in June 2007, we greatly expanded our programming. Annually, we originate 8 – 12 exhibitions in all media, including our Sandbox Projects – ambitious, large-scale site-specific installations. First Friday events activate the galleries each month and Facade includes installations that illuminate the front windows after dark. Public programs include panel discussions, artist presentations, art demos, performances, and portfolio reviews. Located in SoFA, San José's arts and entertainment district, the ICA attracts nearly 20,000 visitors each year.

Institution Carbon Calculation History

This is the inaugural exhibition carbon emissions calculation for ICA San José.

Exhibition Summary

Facing West Shadows: The Endless End is a cinematic, sculptural installation created by Facing West Shadows at the Institute of Contemporary Art San José. *Facing West Shadows: The Endless End* illuminates the perpetuation of extinction and survival; the disrupted life cycles of native plants and animals, aquatic systems, and fire ecologies as affected by anthropogenic climate change. The viewer's attention is guided through projected moving images, hand-made animation, and cast shadows with a multi-dimensional soundscape. Collapsing and expanding time, species will live and die over the span of an hour of looping, overlapping, multichannel and multidirectional projection. In a sculptural environment, our role as animals within a system and as the planet's apex predator is illuminated.

As in proto-cinematic cave paintings and ancient shadow theater storytelling traditions, Facing West Shadows seeks to understand non-human species and our relationships with them. Among their inspirations are the Bay Area's own precarious and diverse ecologies and Eadweard Muybridge's electro-photographic investigation of consecutive phases of animal movements. By weaving multiple moving images of Bay Area ecologies, mycorrhizal networks, fire, and water, *Facing West Shadows: The Endless End* takes the viewer on a time-based and immersive journey through cycles of ecological and species extinction and sometimes, survival.

About Facing West Shadows

Facing West Shadows (principal members: Lydia Greer (artistic director) and Caryl Kientz (theatrical director) in collaboration with artist Ya Wen Chien is a collective of artists, puppeteers, filmmakers, and musicians hybridizing art forms to create magical acts of rebellion as experimental art that is sustainable in the current gold rush climate of the Bay Area. Facing West Shadows combines analog shadow theater with original animation, video projection of found footage, and sometimes Opera performed live. Expanding into film, theater, and installation, Facing West Shadows depicts stories re-imagined with unique visual storytelling to create surprising experiences for the audience by seamlessly combining old and new technologies and art forms.

Facing West Shadows: The Endless End is generously supported by The John S. and James L. Knight Foundation.

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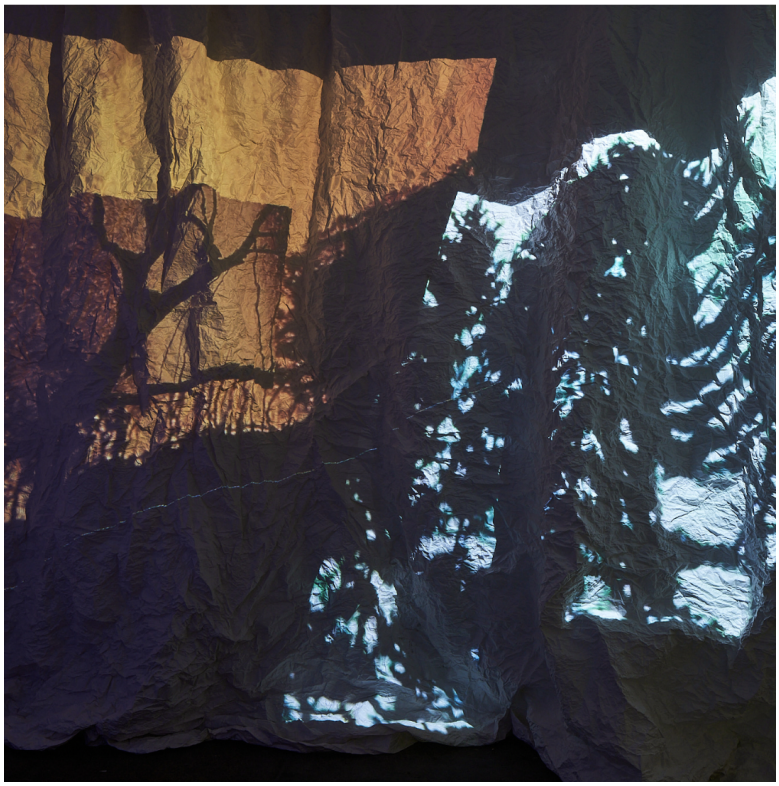
Exhibition Images

Facing West Shadows: The Endless End, 2022.. Installation view. Photo: Impart Photography



Facing West Shadows: The Endless End, 2022.. Installation view. Photo: Impart Photography

Facing West Shadows: The Endless End, 2022.. Installation view. Photo: Impart Photography

Emissions Calculation
The purpose of this CO2 emissions report is to quantify the carbon footprint of the *Facing West Shadows: The Endless End* exhibition at ICA San Jose in 2022. All data was provided by ICA San José as extracted from their operational database. It is our understanding that the results of this report will be used by ICA San José in its voluntary efforts to reduce the organization's environmental impact. The data presents the relative calculated emissions in energy, shipping, flights and other forms of travel, printing, and reported materials. The tabulation of contributing factors are visible for transparency purposes and the total emissions created from the calculated factors are listed as the Calculation Results.

> **Travel:** The calculation considers travel by passenger vehicle.
> **Energy:** This report accounts for electricity and natural gas use coinciding with the dates of the calculation period.
> **Printing:** This report accounts for the printing of gallery guides produced for the exhibition.

Travel by Car
All travel done in preparation for this exhibition was by passenger car. Lydia Greer, Caryl Kientz, and Ya Wen Chien of Facing West Shadows are all based in the Bay Area. Ya Wen Chien reported that she made 22 round trips to ICA San José in preparation for the exhibition. This report assumes that Lydia Greer and Caryl Kientz made the same number of trips to the ICA from the East Bay. Since we don't have exact addresses or confirmation of the total number of trips from Greer and Kientz, the below calculation is a rough estimation of emissions from car travel.

	Amount	Carbon (tCO2e)
Distance travelled on business (in miles, from mileage claims):	4268	1.22
Fuel purchased for company cars (gallons):		

Total emissions from travel: **1.22 tons CO2 equivalent**

Energy
This report calculates emissions from electricity and natural gas used at ICA San José during the period roughly coinciding with the run of the exhibition. The below total accounts for the portion of the building occupied by *Facing West Shadows: The Endless End*.

	Premises/Gallery name	Country/Location	Electricity (KWh)	Piped Gas (KWh)	% share of premises	Supplier (optional)*	Carbon (tCO2e)
1	ICA San Jose	USA – California	8247.94	2285.41	11		0.23
2							

*The carbon saving from green tariffs is complicated and varies between suppliers and tariffs. This tool calculates your carbon footprint based on normal grid electricity.

Carbon footprint (energy): **0.23** (tCO2e)

Total emissions from energy: **.23 tons CO2 equivalent**

Printing

The below calculation reflects emissions from the printing of gallery guides for the exhibition. The ICS San José's records that the total weight for all gallery guides was roughly 5 lbs. The below chart adjusts the quantity of guides to fit this weight when converted to kgs.

	Item printed (book, brochure, etc.)	Weight per item (g)	Number printed	Total weight (kg)	Carbon (tCO2e)
1	Gallery guide	23	100	2.3	Less than 0.01
2					

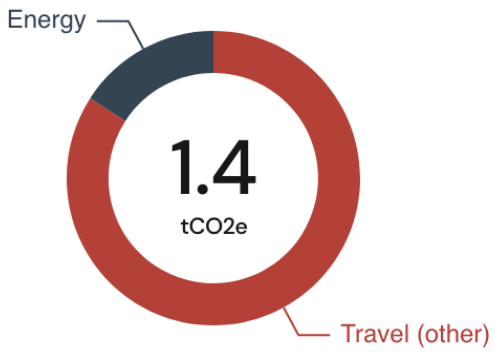
Carbon footprint (printing): **0.00** (tCO2e)

Total emissions from printing: **less than .01 tons CO2 equivalent**

Calculation Results

Total CO2 emissions for the exhibition: **1.4 metric tons CO2 equivalent**

The below pie chart visualizes the relative proportion of emissions related to travel, energy use, and printing.



Section 2: Next Steps

Emissions Reductions

Travel
Based on your report, travel, and especially travel by passenger car, was the highest emissions-generating activity undertaken for the exhibition. For future exhibitions with Bay Area-based artists, opting for public transit and/or carpooling whenever possible will reduce emissions from this activity.

Energy
Over the course of a year, energy likely accounts for a large part of ICA San José's overall carbon footprint. For specific tips to reduce emissions from this activity, please see the **Emissions Reduction, Energy: San José** document compiled by Art + Climate Action. This resource includes suggestions ranging from behavioral changes that can be implemented immediately to considerable infrastructural investment in ICA San José's building. It also includes a directory of rebates and incentives from government agencies and foundations to enable building upgrades.

Strategic Climate Funds
The calculation process involves 1) determining what to calculate, 2) calculating, 3) reduction strategies, 4) taking responsibility for emissions that cannot be avoided by donating to environmental charities also known as Strategic Climate Funds. These sustainability schemes cover areas where urgent climate action is needed, including keeping fossil fuels in the ground and defending and expanding forests, wetlands, and their inhabitants. These strategic donations will not make your emissions impacts disappear, but they are an effective way to support organizations that will have a positive impact within our 2030 timeline. In order to donate you must first calculate your CO2e price per ton. There is considerable debate over exactly how to do this and guidelines vary on who you ask. It is advised that £50-100 / $70-140 / €60-115 per tonne of CO2e is high enough to act as a useful spur to reduce emissions. For more information about Strategic Climate Funds (SCFs) vs conventional 'offsetting', as well as approved schemes, visit SCF page on Gallery Climate Coalition (GCC) website.

For its Strategic Climate Funds donation, ICA San José made a contribution to Art into Acres, an approved SCF charity by GCC, to support permanent land conservation in a high biodiversity area. The conservation is locally-led and supports a municipal conserved area in El Torno, Bolivia. The non-profit partners are AAF and Re:wild and these funds engage the declaration of a new permanent protected area. Art into Acres is a U.S.-based artist founded initiative that permanently conserves large-scale terrestrial landscapes on behalf of artists, institutions and collectors. The conservation is targeted toward irrecoverable carbon and high biodiversity forests, with a focus on National Parks and indigenous reserves.

Sharing Results
Publishing carbon reports promotes transparency and collegiality across the sector. Making results available for all to see helps to establish best practice, track progress, and build up a bank of data, which in turn allows us to refine and improve our tools and research. GCC, which produced the primary calculator used in this report, strongly encourages members to publish their results via the GCC website and cannot emphasize enough how important and useful this is. The data sheet enclosed with this report should be emailed to: info@galleryclimatecoalition.org with permission for the results to be made public.

While using the GCC calculator, data is shared with GCC. This data is anonymous and is not linked to any one organization or individual. The collection of data is useful in a few key ways.

- Collected data allows for a clearer picture of the carbon footprint of the art world
- It allows for more accurate advice and guidance across a range of scale and sectors, as well as in continually refining the accuracy of GCC tools
- It allows for the development and publishing of innovative research based upon this data. This data may be shared anonymously for research purposes
- Data will always be treated as anonymous unless otherwise specified

Circulation of Final Report
Partners for Arts Climate Targets (PACT) is an international coalition of organizations within the visual arts engaged in collaborative efforts to accelerate the sector's broad adoption of collective climate action. Art into Acres is a founding member of PACT. PACT encourages its partners to publish the results of emissions reports and all future climate-impact assessments with the organization's staff, board members, visitors, and the public at large. Transparency is key as we establish best practices for our arts spaces and elevate them as climate-conscious, publicly responsible institutions. Some ideas for circulating the information in this report are:

- Circulate the report to your staff and present it to board members
- Publish the report on your website
- Publish on the Climate Action Database, organized and updated by Galleries Commit and Art + Climate Action
- Create a social media campaign around your efforts to understand and improve your organization's climate impact

Continued Emission Reporting
Emissions reports are most helpful when they are done consistently so that the climate impact of one project can be compared to another. Art into Acres recommends that arts organizations track emissions-generating activities – especially energy use, shipping, and travel – for all exhibitions and events. The GCC calculator used for this report is available free of charge to all cultural institutions. Regular use of this tool over time will reveal the most effective shifts in behavior and practice when it comes to reducing CO2 emissions.

Improving Accuracy of Next Emissions Assessments
For a more detailed analysis of the emissions and waste, Art into Acres recommends commissioning an emissions audit of all activity across a significant period of time, such as one year. Art into Acres works with the Carbon Accounting Company in Ottawa to produce verified, third-party reports for arts organizations. An ambitious, third-party audit will reveal emissions from your organization's full range of programming, as well as visitor travel and staff commutes.

Art Sector Initiatives
The climate crisis is a collective crisis that requires a collective solution. Consider engaging with broader sector-wide initiatives to align your emissions reduction with the art community at large.

PACT is an international coalition of organizations within the visual arts engaged in collaborative efforts to accelerate the sector's broad adoption of collective climate action.

Art into Acres
Art to Acres (A/A) is a U.S.-based artist founded initiative that permanently conserves large-scale terrestrial landscapes on behalf of artists, institutions and collectors. The conservation is targeted toward irrecoverable carbon and high biodiversity forests, with a focus on National Parks and Indigenous reserves.

Art + Climate Action
Art + Climate Action (ACA) is a California-based collective uniting non-profit arts spaces, commercial endeavors, art workers, patrons, and artist studios to serve environmental justice. We help organizations (large and small) understand their carbon output and provide strategic solutions for reducing waste and achieving zero-emissions practices.

Art / Switch
Art / Switch is a NYC/Amsterdam-based nonprofit started in 2019 in order to mediate and accelerate a climate conscious shift in the arts. We are an international hub and idea foundry bringing together art professionals and academia to share new knowledge and existing experiences, network, and publish.

Art to Zero
Art to Zero (A>0) is an NYC-based organization dedicated to accelerating the visual art's just transition to a net-zero emissions future. Building capacity, Art to Zero engages with organizations of all sizes and types to develop and implement climate action plans. Building community, Art to Zero facilitates intra-sector collaboration and cross-sector knowledge-sharing, advancing education and innovation through partnerships with local and global climate action + sustainability leaders.

Artists Commit
Artists Commit (AC) is an artist-led collective committed to a climate-conscious, resilient, and equitable future. AC focuses on ways artists can catalyze change within the sector, specifically through collaborations with presenting partners exhibiting and circulating their work.

Galleries Commit
Galleries Commit (GC) is a worker-led collective committed to a climate-conscious, resilient, and equitable future for New York City galleries. With a focus on building community, sharing knowledge, and responding to what gallery workers need, Galleries Commit currently maintains a community platform of workers, artists and allies from a range of galleries, a database for intersectional climate action, and a collective conservation partnership for the visual arts sector.

Gallery Climate Coalition
Gallery Climate Coalition (GCC) was founded in 2020 by a group of gallerists and professionals working in the commercial arts sector as an attempt to develop a meaningful and industry-specific response to the growing climate crisis. The goal of GCC is to facilitate a greener, more sustainable art world and to reduce the sector’s carbon footprint by at least 50% by 2030 in line with the Paris Agreement. This will be achieved by providing members with industry specific guidelines and practical tools including a carbon calculator to measure emissions.

Ki Culture
Ki Culture is a non-profit organization promoting sustainability through culture. We believe in the capacity of the cultural sector to inspire and educate the world on sustainability - but that to do so effectively, the field must also be sustainable itself. Ki Culture empowers individuals and institutions to become leaders for a sustainable future through original programming, resources, tools and an international network.

Section 3: About Carbon Reporting

What is CO_2? Defining Carbon Dioxide

Carbon dioxide (CO_2) is the primary greenhouse gas emitted during human activities. It is a spacious gas that is odorless and colorless, thus measuring it is one way we learn about it and know how and where to act to reduce our emissions. In 2020, CO_2 accounted for about 79% of all U.S. greenhouse gas emissions from human activities. Carbon dioxide is naturally present in the atmosphere as part of the Earth's carbon cycle (the natural circulation of carbon among the atmosphere, oceans, soil, plants, and animals). Human activities are altering the carbon cycle, both by adding more CO_2 to the atmosphere and by influencing the ability of natural sinks, like forests and soils, to remove and store CO_2 from the atmosphere. While CO_2 emissions come from a variety of natural sources, human-related emissions are responsible for the increase that has occurred in the atmosphere since the Industrial Revolution. The main human activity that emits CO_2 is the combustion of fossil fuels (coal, natural gas, and oil) for energy and transportation, in particular human or freight flights, and heating and cooling. Certain industrial processes and land-use changes also emit CO_2.

Carbon dioxide enters the atmosphere through burning fossil fuels (coal, natural gas, and oil), solid waste, trees and other biological materials, and also as a result of certain chemical reactions (e.g., manufacture of cement). Carbon dioxide is removed from the atmosphere (or "sequestered") when it is absorbed by plants as part of the biological carbon cycle. Carbon dioxide is constantly being exchanged among the atmosphere, ocean, and land surface, as it is both produced and absorbed by many microorganisms, plants, and animals. However, emissions and removal of CO_2 by these natural processes tend to balance, absent anthropogenic impacts. Since the Industrial Revolution began around 1750, human activities have contributed substantially to climate change by adding CO_2 and other heat-trapping gasses to the atmosphere.

Carbon Factors and CO_2 Equivalents

A metric ton of carbon dioxide equivalent (MTCO2e) is the unit of measurement in this calculation. The unit represents an amount of a greenhouse gas (GHG) whose atmospheric impact has been standardized to that of one unit mass of carbon dioxide (CO_2), based on the global warming potential (GWP) of the gas. The activities analyzed in this report produce a range of greenhouse gasses, including carbon dioxide (CO_2), methane (CH4), and nitrous oxide (N20). Emissions from gasses other than CO_2 have been quantified and converted into an equivalent amount of CO_2. This practice is in keeping with international standards for organizational carbon emissions inventories. Tool formulas convert standard metrics for electricity, green energy, fuel use, chemical use, water use, and materials management into MTCO2e. Carbon factors are the amount of greenhouse gas emissions per km, per liter, per KWh etc. Most of the conversion factors utilized in the GCC calculator are taken from the UK Government’s official annual set of Greenhouse Gas Reporting Conversion Factors, provided by BEIS (Department of Business, Energy & Industrial Strategy), and advising from its Environmental Consultants, Danny Chivers and Harris Kuemmerle. Some data is taken from other sources around the world where available, and wherever possible, the calculator mirrors the sustainable arts charity Julie’s Bicycle in their online carbon tools, to allow compatibility between footprints calculated by both. The GCC calculator uses some averages and shortcuts, such as:

- Using a standard assumption that artworks are transported 40 km in an average truck at either end of a flight.
- Calculating flights based on the average footprint per km of the average plane, rather than assessing the specific planes used on particular routes by particular airlines.

- Estimating road transport based on average trucks, and ocean transport based on average ships, rather than requiring details on the precise vehicles used in each case.

For other elements of the footprint such as packaging, printing, taxis etc, the calculator asks for very basic information to calculate a rough ballpark figure based on averages and these elements make up only a small part of your footprint (around 5%). Art into Acres utilizes conversion factors related to particular materials used to make, store, care for, and install art works. These conversion factors have been researched and implemented by the makers of the STiCH calculator, as well as independent carbon emissions auditors. Conversion factors key to this report include:

- Mobile fossil-fuel combustion (gasoline/petrol, average biofuel blend): 1 liter = 2.19352 kgCO2e
- Mobile fossil-fuel combustion (jet fuel/aviation spirit): 1 liter = 2.33048 kgCO2e
- GCC Calculator Metrics: Link

Scope of Study

Carbon footprints are divided into 3 Scopes. The standard classifications of Scope 1, 2, or 3 are used to refer to activities that generate emissions. These categories refer to the direct or indirect nature of the emissions causality.

> Scope 1: Refers to emissions-generating activities over which an organization has direct operational control. These activities occur on the organization's premises and/or with its property. Examples of Scope 1 activities include onsite electricity generation, the burning of fuels to power a boiler or other onsite equipment, and the use of organization-owned vehicles.
>
> Scope 2: Usually refers to the emissions-generating activities of utility companies or other public services, including the generation and delivery of electricity and natural gas. The arts organization contracts with the utility to purchase energy for its facilities and thus has only indirect operational control over these emissions.
>
> Scope 3: Refers to the emissions-generating activities of companies and individuals that provide goods or services to the arts organization. It also refers to work-related activities that take place outside of the organization's premises. Examples of Scope 3 activities include staff travel by plane, train, or car and the shipment of artwork by a third-party shipping company. The arts organization has only indirect operational control over the emissions these activities generate.

These categories come from the most widely-used set of carbon accounting guidelines, the Greenhouse Gas (GHG) Protocol, which sets the standard for carbon footprinting worldwide. All carbon footprints are expected to include Scopes 1 and 2 as standard. For Scope 3, the items to include are usually determined on a case-by-case basis, based on which parts of the footprint are most significant and the accepted standards of the specific sector. At this time, these calculations are in countries with voluntary carbon emissions reporting. As such, the reporting party can determine what to include in the report. The GCC calculator includes all of an arts organization's significant Scope 1 and 2 emissions (building energy use), and then for Scope 3 it focuses on the parts of a user's carbon footprint that are measurable, significant, and within the gallery's responsibility and control. In other words, the calculator purposely excludes areas of the Scope 3 footprint that would require an excessive amount of work to calculate, compared to their likely impact and the member's ability to actually do something about it. The areas of the Scope 3 footprint that are included are business travel, shipping, packaging, and printing. These are all areas that can be calculated without too much difficulty and where the organization has the ability to make a difference.

Methodology: Calculators Used

To calculate CO_2 emissions generated through energy use, shipping, travel, and publications, this report uses a calculator developed by the Gallery Climate Coalition (GCC), a London-based nonprofit. The GCC calculator is a free online tool created with the specific needs of arts institutions in mind, focusing on metrics common to museums and galleries active in the international world. The calculator was designed and built by Artlogic founder and CEO Peter Chater, with help and guidance from Danny Chivers, an environmental researcher and climate change consultant who works regularly with GCC. The GCC calculator is designed to be robust and reliable. Its regular use is a valuable first step for arts organizations seeking to understand their overall climate impact and set targets for climate action and emissions reduction. For a more granular assessment of an institution's CO2 emissions, GCC recommends commissioning a comprehensive climate audit. See the "Next Steps" section of this report for more information on that process.

To calculate emissions associated with materials used to ship, store, care for, and install artwork, it is recommended to use a calculator called Sustainability Tools in Cultural Heritage (STiCH). First developed by art conservators and museum professionals in 2021, with a National Endowment for the Humanities grant, the STiCH calculator compares the carbon footprint of materials and products as well as their toxicity to humans to enable informed choices.

Assumptions

Provision and entry of data: All data analyzed in this report was furnished by the reporting party. The collection of relevant information from utility bills, shipping statements, travel receipts, and other documentation was conducted by this organization's staff, entered into provided spreadsheets by the respective calculators, and included in the relevant links on Page 2 of this document or located in the Emissions Calculation section of this report. The reporting party holds responsibility that all information entered into the spreadsheets is accurate. Typically, energy use in buildings, shipping, travel, and printing account for the majority of emissions created in the course of organizing an exhibition or conducting other arts-related business. Insofar as the reporting organization has provided the full and accurate information about these activities as they relate to this report, it is reasonable to assume this report captures the majority of emissions stemming from this project.

Accuracy

Based on the information provided, emissions as reported in this document are credible and defensible as an attempt to quantify the emissions sources and resultant emissions levels for the sources provided. As a voluntary carbon audit, the purpose of the report is to calculate the carbon emissions from voluntarily reported activities. If this report is a calculation of an exhibition, it is not a representation of emissions stemming from the organization's full range of activities and programs, which would include calculations for additional data sets such as overall utilities information, staff commute information, and the contracting of goods and services across all departments. Any data in the spreadsheets provided by the reporting party that were problematically inconclusive, incomplete, or indecipherable were excluded from this report. This report also excludes calculations that don't meet a de minimis 1% of emissions for the project as a whole. It is standard practice to exclude activities that do not meet this de minimis threshold in emissions assessments. For suggestions on how to improve the accuracy and scope of future emissions assessments, please see the "Next Steps'' section of this report.

Reliance on Estimations

While the above mentioned calculators are dependable, the resulting total calculation is only as accurate as the information provided. The reporting museum or gallery should be aware that, when reasonable,

Mellin/Art into Acres uses approximations in place of missing spreadsheet data, such as missing distances, weights, and dimensions.

Report Generation

This carbon emissions report was initiated in 2022 with James G. Leventhal of ICA San José and Haley Mellin, artist, and has been a collaborative research endeavor. The work is funded by a grant from the Teiger Foundation to Mellin, for her initiative to support first carbon calculations for art museums, nonprofits and institutions from 2020-2024.

For more information regarding this report, contact:
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