

Julie's Bicycle

CREATIVE • CLIMATE • ACTION



Creative Green
Certified

Gate Theatre

CREATIVE GREEN REPORT
2019/20

Gate Theatre

CREATIVE GREEN KEY RESULTS

Environmental assessment of:

COMMITMENT	40 / 40
UNDERSTANDING	25 / 25
IMPROVEMENT	16 / 35

TOTAL POINTS 81 / 100



COMMITMENT to the environment

- ✓ Policy
- ✓ Action plan
- ✓ Procurement policy
- ✓ Communication and engagement with key stakeholders
- ✓ Staff roles and responsibilities
- ✓ Creative programming
- ✓ Integration with core organisational development



UNDERSTANDING of the following environmental impacts



energy



emissions



water



waste



travel



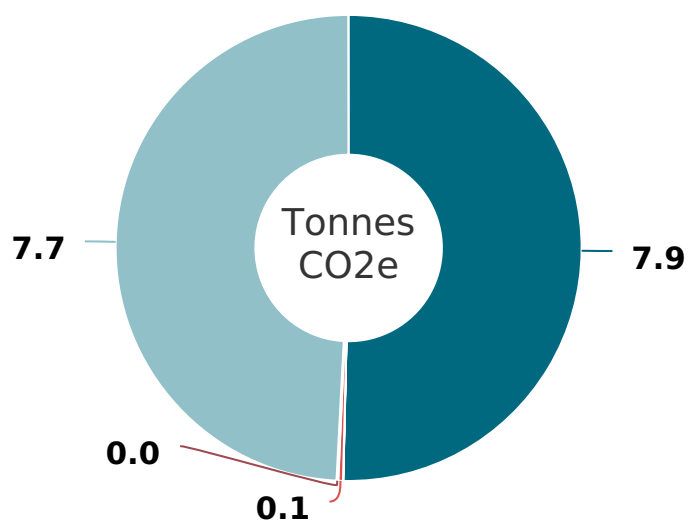
people



IMPROVEMENT towards reducing environmental impacts

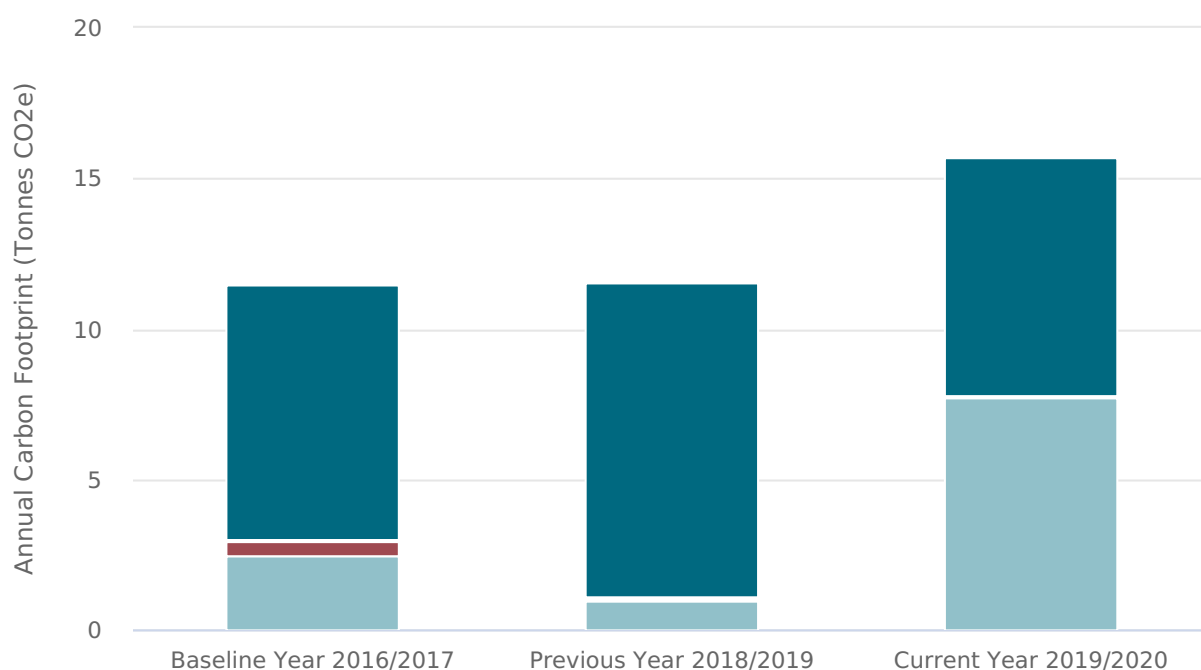
RELATIVE REDUCTION	ENERGY	EMISSIONS	WATER	WASTE	TRAVEL
Current vs previous year	↑	↑	↑	↓	↑
Current vs baseline year	↑	↑	↑	↓	↑

GATE THEATRE		STATISTICS
Type		venue
Floor area		186
Tickets sold		4,808
Number of performances		110
Number of staff		6



The total carbon footprint in 2019/2020 was 16 Tonnes CO2e

- Electricity
- Total water use and waste water
- Waste
- Transport



HIGHLIGHTS



COMMITMENT to the environment

- This year, the Gate released their Manifesto for the Future, where they declared a climate emergency and made a commitment to working in a circular economy
- The Gate shows their commitment to reducing their environmental impact through an ambitious and well detailed Environmental Policy
- The Gate has an environmental programme, Green Gate, designed and implemented to minimise their environmental impact, carbon footprint and to engage their stakeholders
- Environmental sustainability is embedded in Gate's vision, mission, organisational values, business plan, ethical policy and their manifesto for the future
- The Gate takes into consideration their procurement policy and reviews suppliers' environmental impact and credentials when considering new suppliers
- An engaging website [environmental sustainability section](#) with visual and clear communication of commitments, updates, and news

UNDERSTANDING of the following environmental impacts

- Keeping Green Gate is part of the staff's appraisals, the outcome of the appraisals is reviewed by the Executive team to monitor internal engagement and attitude
- Good understanding of energy usage across three sites (theatre, office, arch storage) through monthly monitoring and annual comparison of usage
- Good understanding of water usage (office) and waste production through monthly monitoring
- In-depth understanding of staff business/production/touring travel both nationally and internationally
- Sustainable Production guidelines are shared with incoming artist and production teams, also these guidelines are reviewed in meetings for every show and project

ABOUT CERTIFICATION



Creative Green is more than a certification scheme - it's an international community of pioneering creative and cultural organisations, recognised for their ambition and action on environmental sustainability. With over 250 certificates awarded since its launch in 2009, Creative Green remains the only environmental certification designed specifically for the creative and cultural sector.

Creative Green offers venues, museums, galleries, festivals and offices a transparent, methodical and inspiring framework for achieving environmental best practice, as well as a forum for recognition and celebration. It supports organisations' environmental impact reductions through its three strands: Commitment, Understanding and Improvement. Points are accrued within each strand and a one to five star certification is awarded based on the total number gained.

The methodology of Creative Green follows best practice and international standards for measurement, reporting and reduction of environmental impacts and it has been designed in partnership with arts, cultural and entertainment organisations.

The continuing emphasis on carbon emissions reductions align the Creative Green community to the ambitions of the Paris Agreement, reached at COP21 in 2015, to keep global temperatures well below 2 degrees of warming.

ASSESSMENT AREAS

COMMITMENT

- Environmental policy and action plan
- Integration of environmental sustainability in broader business mission, strategy or planning
- Environmental responsibilities
- Environmental procurement and sourcing
- Stakeholder communications and engagement

UNDERSTANDING

- Breadth and depth of understanding of environmental impacts
- Extent to which environmental data is used inform action and track progress in reducing impacts

IMPROVEMENT

- Quantifiable reductions in direct environmental impacts, i.e. impacts over which an organisation has direct control such as energy use and waste generation, both total relative impacts
- Actions to address indirect environmental impacts, i.e. impacts over which an event has limited or no direct control, such as audience travel

RESULTS IN FULL



ENVIRONMENTAL COMMITMENT

ASSESSMENT AREAS	POINTS AVAILABLE	POINTS AWARDED
Policy, strategy & responsibilities	12	12
Procurement	5	5
Communication and engagement	23	23
Total Points	40	40

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RECOMMENDATIONS

- Continue further exploring staff training, especially explore training/professional development options to allow staff to take on greater roles within the environmental strategy e.g. investigate Carbon Literacy Training
- Consider exploring green rewards for staff as part of appraisal and engagement with the Green Gate programme and the internal values
- Include an environmental impact/performance clause as part of the suppliers' contract
- Sign up for [Season for Change 2021](#), a nationwide festival of artistic work celebrating the environment and inspiring urgent action on climate change

ENVIRONMENTAL UNDERSTANDING

ASSESSMENT AREAS	POINTS AVAILABLE	POINTS SCORED
Submission of energy, water, waste, transport, production	4	4
Attitudinal insights	4	4
In-depth understanding of energy, water and waste	8	8
Monitoring of other impact	3	3
Use of data for setting targets and Key Performance Indicators in policy and action plans	4	4
Evaluation of learning and outcomes	2	2
Total Points	25	25

HIGHLIGHTS

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RECOMMENDATIONS

- Continue to explore current energy and water use, waste production and travel data and ways to reduce current metrics
- During venue closure, consider a walk-through audit to seek ways to further minimise energy consumption and minimise energy waste during low operation
- Consider running an internal staff and external audience attitudinal survey to help gauge interest in sustainability. This method can provide good quantitative data that can not be obtained through direct feedback in meetings

ENVIRONMENTAL IMPROVEMENT

HIGHLIGHTS

Current year: 2019/2020

Baseline: energy use 2016/2017, energy related emissions 2016/2017, water use 2016/2017, waste generation 2016/2017, and business travel 2016/2017

This tables present your percentage change in environmental impacts in absolute and relative terms against the previous and baseline years.

ABSOLUTE	CURRENT VS. BASELINE	CURRENT VS. PREVIOUS	POINTS AVAILABLE	POINTS AWARDED
Energy use	51 %	-16 %	3	3
Energy use related emissions	-6 %	-24 %	3	3
Water	-7 %	-1 %	2	2
Waste	-69 %	-79 %	2	2
Transport	215 %	700 %	2	1
Total Points			12	11

RELATIVE	RELATIVE METRIC	CURRENT VS. BASELINE	CURRENT VS. PREVIOUS	POINTS AVAILABLE	POINTS AWARDED
Energy use	per Performance	114 %	29 %	5	0
Energy use related emissions	per Performance	32 %	17 %	5	0
Water	per Visitor	103 %	69 %	4	0
Waste	per Visitor	-33 %	-64 %	4	4
Transport	per Employee	320 %	1233 %	4	0
Total Points				22	4



ENVIRONMENTAL IMPROVEMENT

RECOMMENDATIONS

Highlights

- Energy use decreased 16% between 2018/20 and 2019/20
- Energy use related emissions decreased 24% between 2018/19 and 2019/20

Next Steps

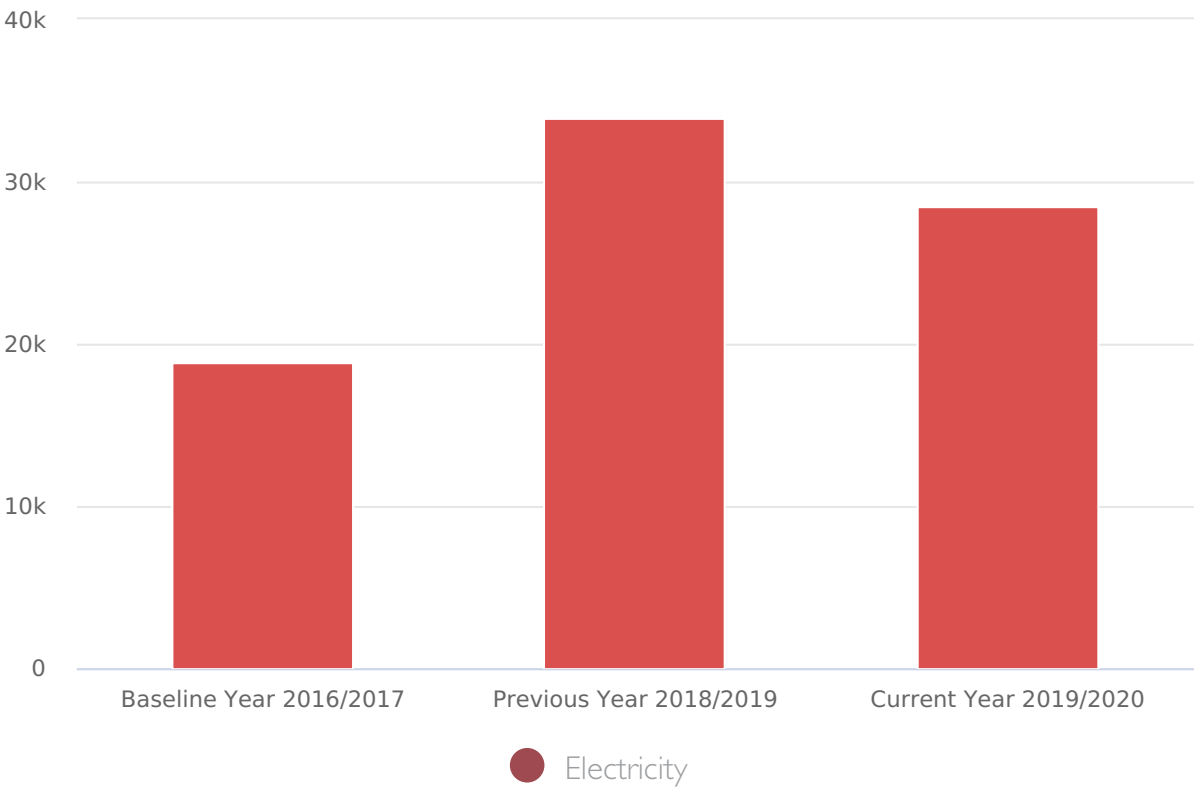
- Continue to use environmental impact data to set meaningful KPIs
- Consider energy, water and waste audits to obtain a tailored plan to identify areas for improvements
- Continue to map out the Gate's work coming up in 2021 which holds environmental themes to help align best practice and potential joint staff/audience engagement campaigns
- For printed materials, explore the use of recycled, sustainably sourced, un-chlorinated and uncoated paper or card, using water or vegetable-based inks to reduce the use of chemicals. For further information, visit the [Closed Loop Printing Guide](#)
- Continue to explore incentives to encourage the audience to use public transport e.g. discount on a public transport ticket, fast track entry to the event, etc.
- Explore new ways to engage audiences/artists/contractors to help drive down current impact e.g. incentives, discounts, educational workshops, partnership with green zero waste products, etc.
- Continue to explore new partnerships with organisations that can provide green solutions to existing areas of environmental impact within the theatre e.g. Scenery Salvage, Orca Sound Project, City to Sea, etc.
- Continue to look at the best way to offset current carbon consumption while taking into consideration credible standards such as the Voluntary Carbon Standard, or the Gold Standard for the Global Goals (GS4GG)



ENERGY USE

ENERGY USE	UNIT	BASELINE YEAR 2016/2017	PREVIOUS YEAR 2018/2019	CURRENT YEAR 2019/2020	% CHANGE CURRENT VS PREVIOUS	% CHANGE CURRENT VS BASELINE
Energy use (electricity and gas) -- absolute	kWh	18,811	33,985	28,508	-16 %	51 %
Electricity	kWh	18,811	33,985	28,508	-16 %	51 %
Gas (weather normalised)	kWh	0.0	0.0	0.0	No data	No data
Energy use (electricity and gas) -- relative	kWh per Performance	121	200	259	29 %	114 %
Electricity	kWh per Performance	121	200	259	29 %	114 %
Gas (weather normalised)	kWh per Performance	0.0	0.0	0.0	No data	No data
Mains electricity - absolute	kWh	18,811	33,985	28,508	-16 %	51 %
Mains gas - absolute	kWh	0.0	0.0	0.0	No data	No data
Weather gas normalised - absolute	kWh	0.0	0.0	0.0	No data	No data

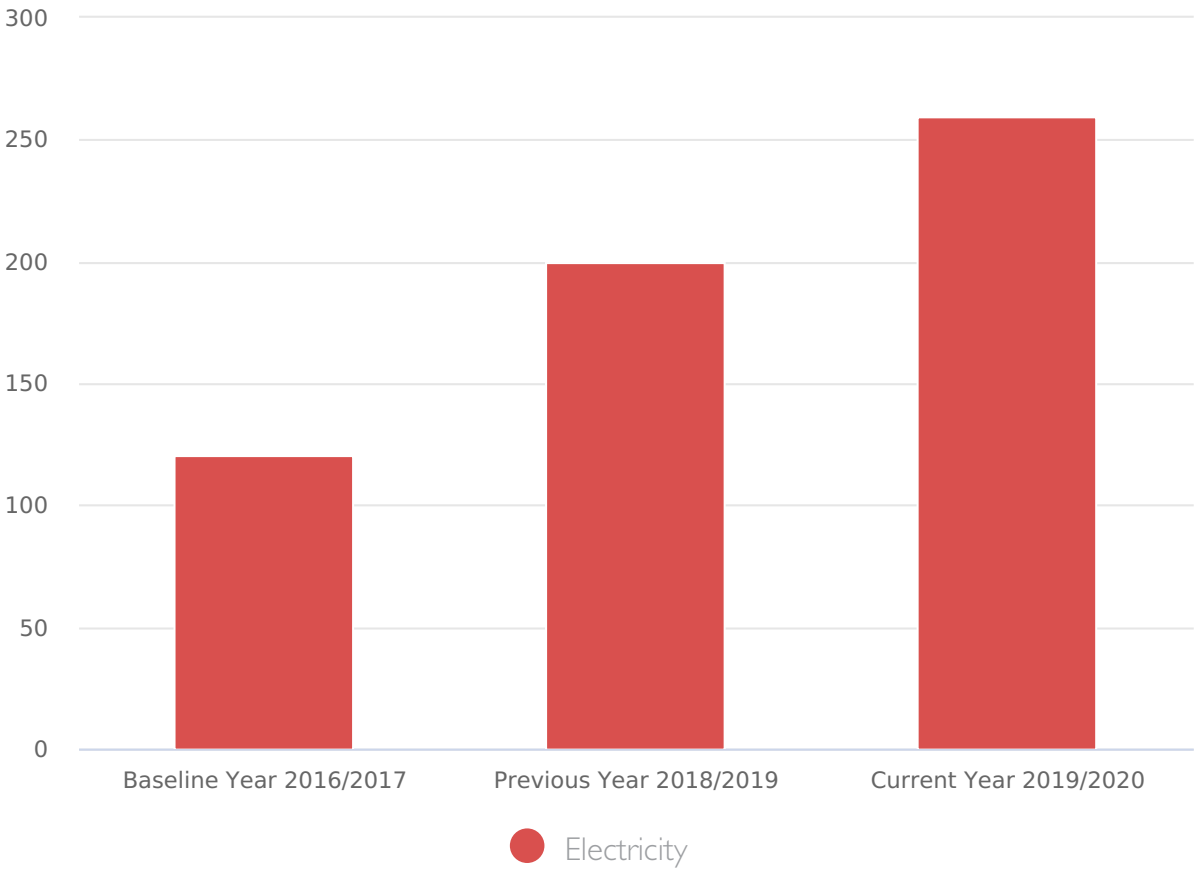
Energy consumption (kWh)





ENERGY USE

Energy consumption (kWh per performance)



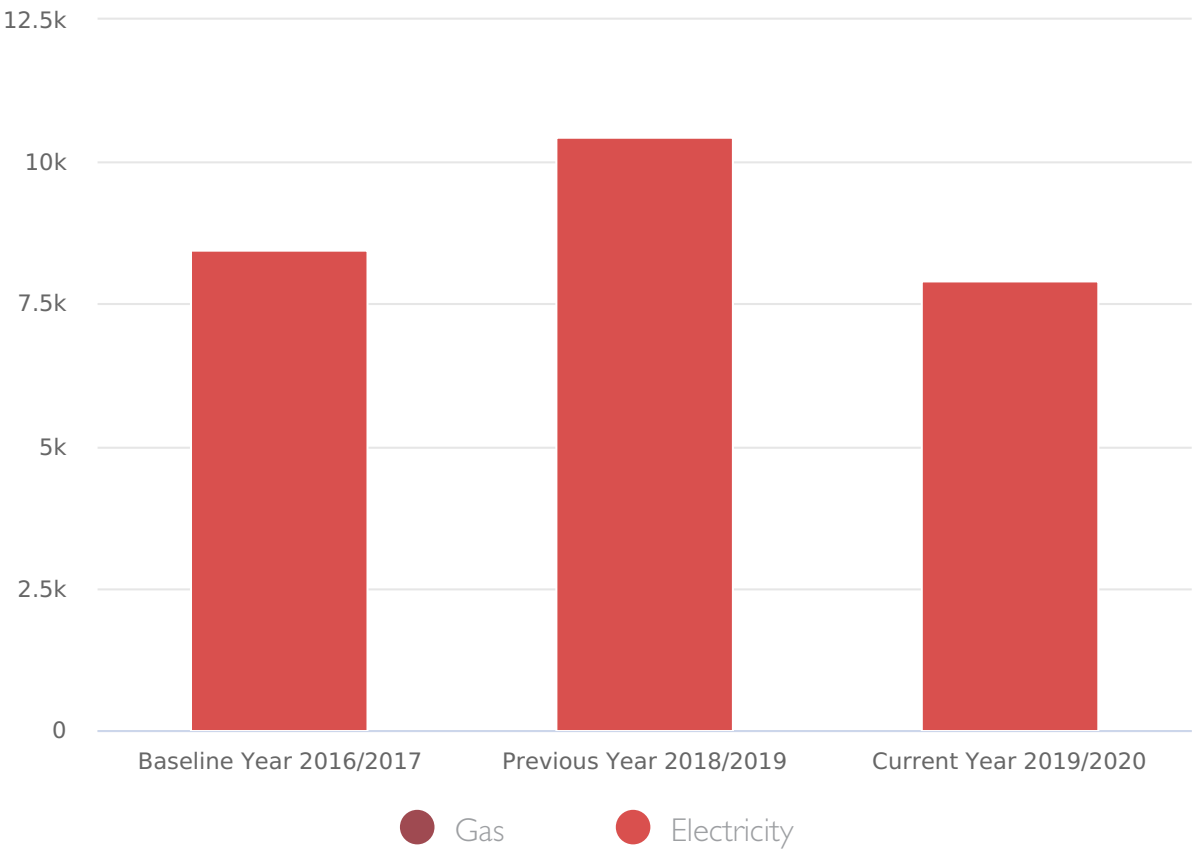


ENERGY USE RELATED EMISSIONS

ENERGY RELATED EMISSIONS	UNIT	BASELINE YEAR 2016/2017	PREVIOUS YEAR 2018/2019	CURRENT YEAR 2019/2020	% CHANGE CURRENT VS PREVIOUS	% CHANGE CURRENT VS BASELINE
Energy use emissions (all sources) - absolute	kg CO2e	8,452	10,440	7,905	-24 %	-6 %
Energy use emissions (all sources) - relative	kg CO2e per Performance	54	61	72	17 %	32 %
Electricity	kg CO2e	8,452	10,440	7,905	-24 %	-6 %
Normalised gas	kg CO2e	0.0	0.0	0.0	No data	No data



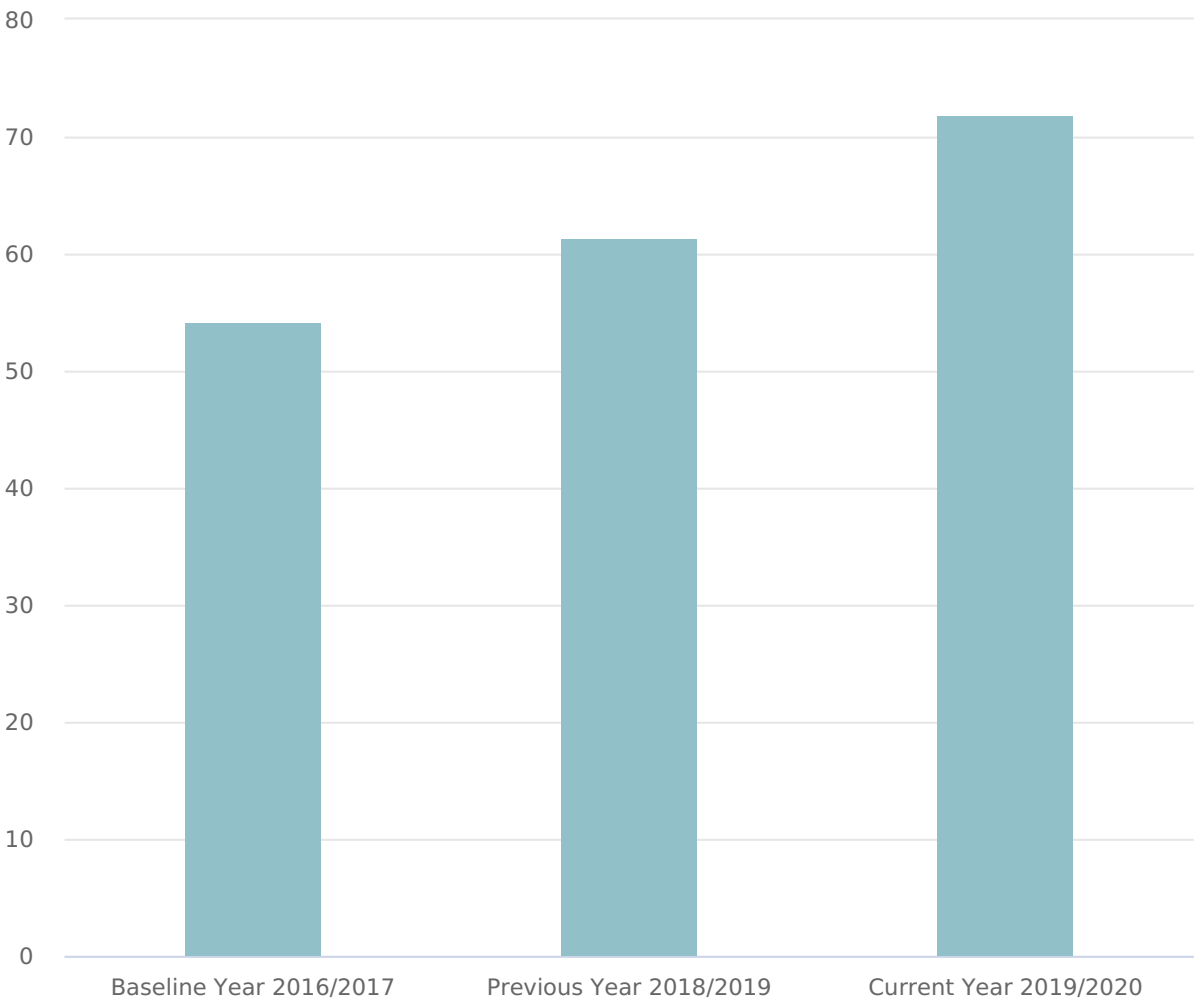
Energy use emissions (kg CO2e)





ENERGY USE RELATED EMISSIONS

Energy use emissions (kg CO2e per performance)

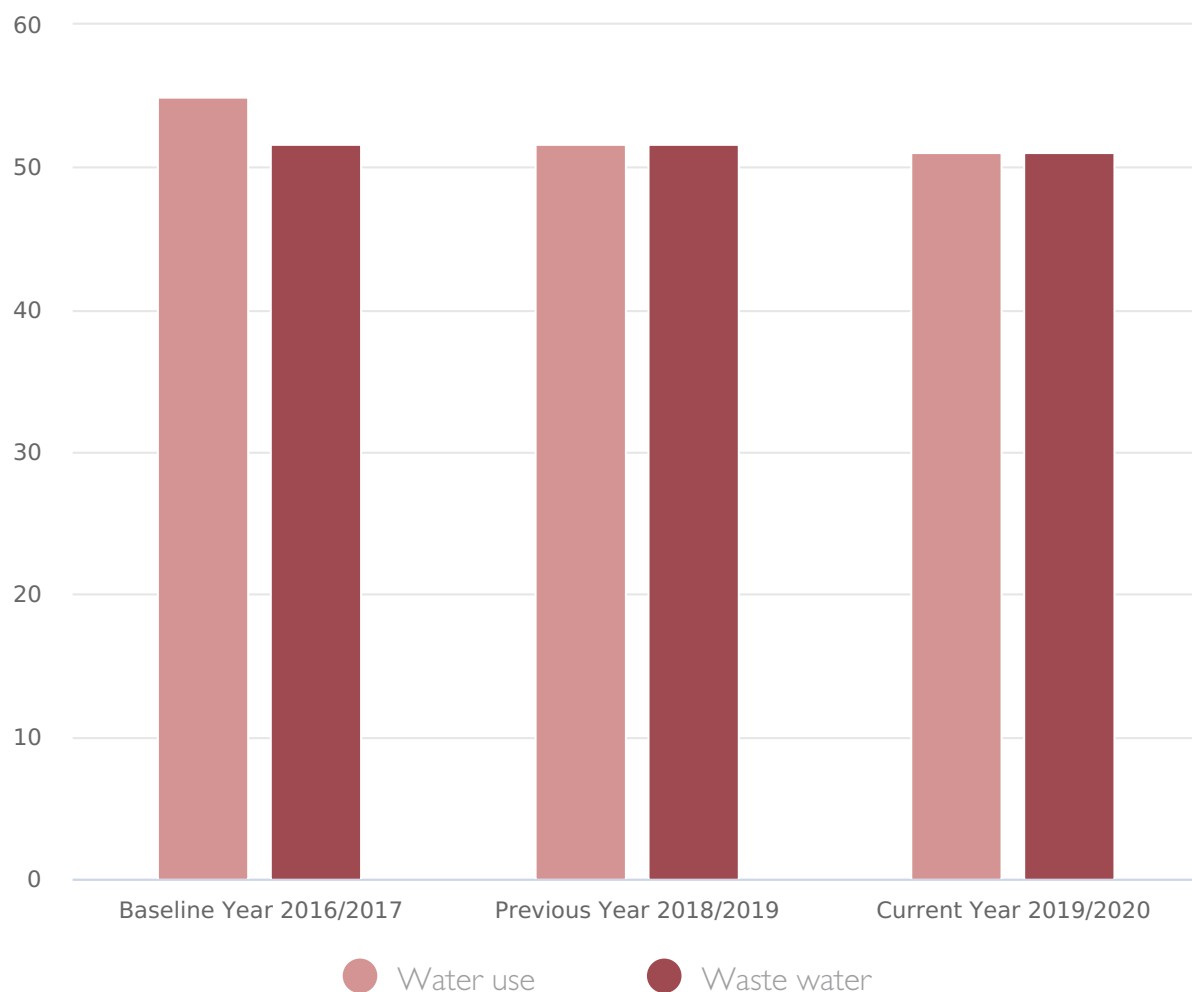


WATER USE



WATER USE	UNIT	BASELINE YEAR 2016/2017	PREVIOUS YEAR 2018/2019	CURRENT YEAR 2019/2020	% CHANGE CURRENT VS PREVIOUS	% CHANGE CURRENT VS BASELINE
Total water use and waste water	m3	55	52	51	-1 %	-7 %
Relative water use and waste water	litres per Visitor	5	6	11	69 %	103 %
Water use	m3	55	52	51	-1 %	-7 %
Waste water	m3	52	52	51	-1 %	-1 %

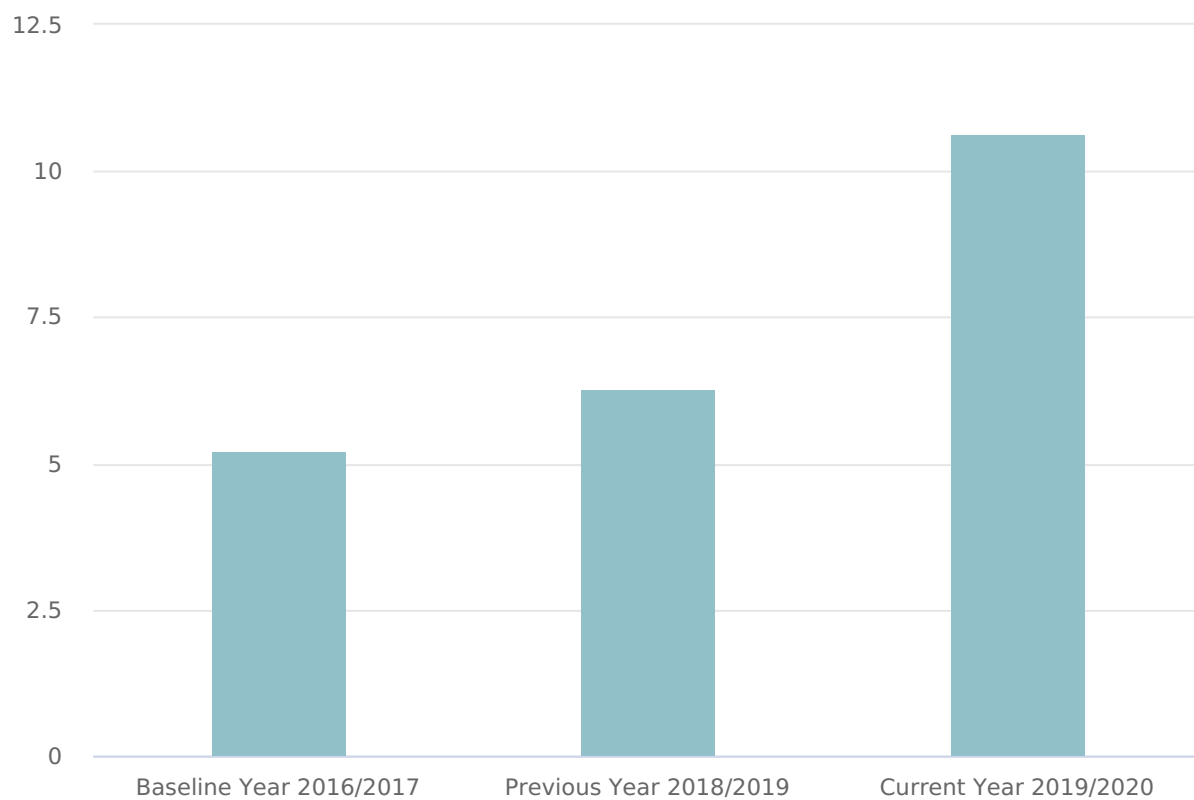
Water use (m3)



WATER USE



Water use (litres per visitor)

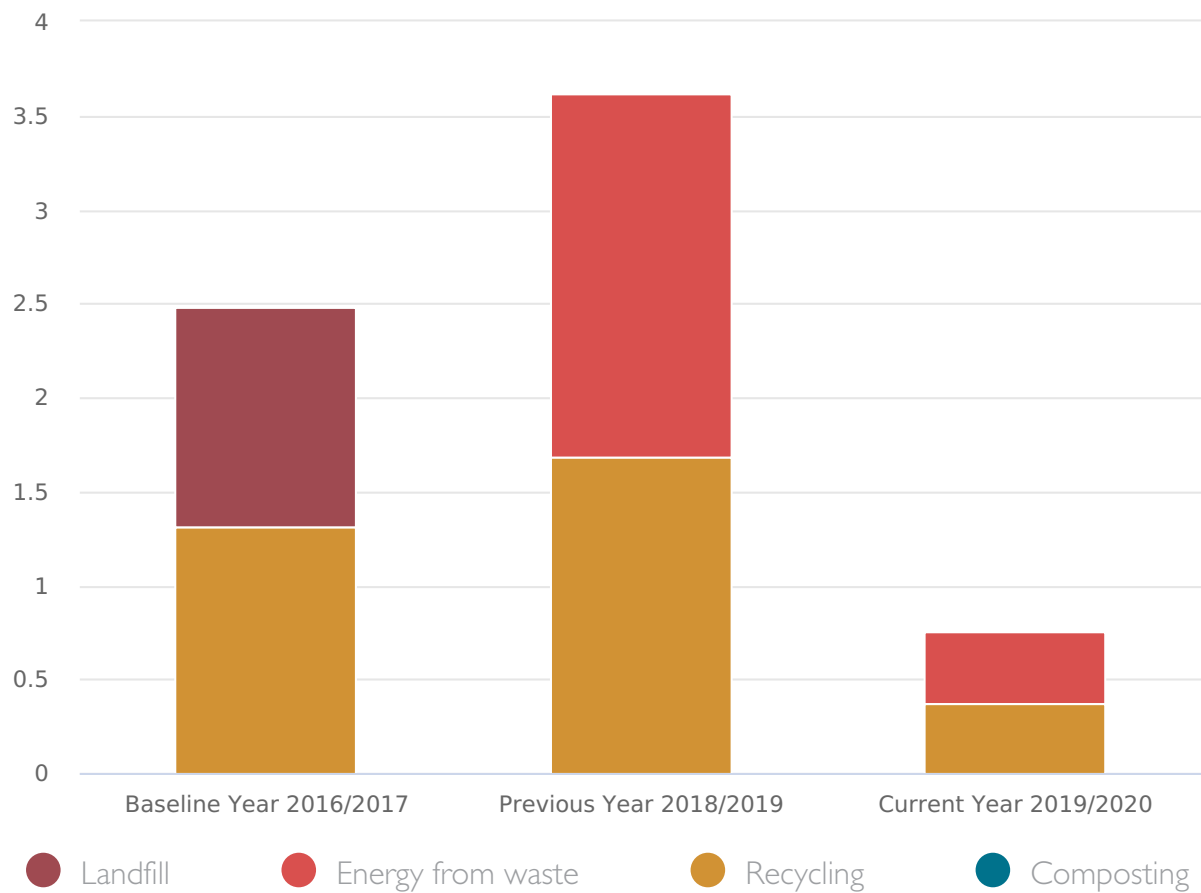


WASTE GENERATION



WASTE	UNIT	BASELINE YEAR 2016/2017	PREVIOUS YEAR 2018/2019	CURRENT YEAR 2019/2020	% CHANGE CURRENT VS PREVIOUS	% CHANGE CURRENT VS BASELINE
Waste generation - absolute	tonnes	2	4	0.8	-79 %	-69 %
Waste generation - relative	kg per Visitor	0.2	0.4	0.2	-64 %	-33 %
Landfill waste	tonnes	1	0.0	0.0	No data	No data
Energy from waste	tonnes	0.0	2	0.4	-80 %	No data
Recycling	tonnes	1	2	0.4	-77 %	-71 %
Composting	tonnes	0.0	0.0	0.0	No data	No data

Waste (tonnes)



WASTE GENERATION



Waste (kg per visitor)

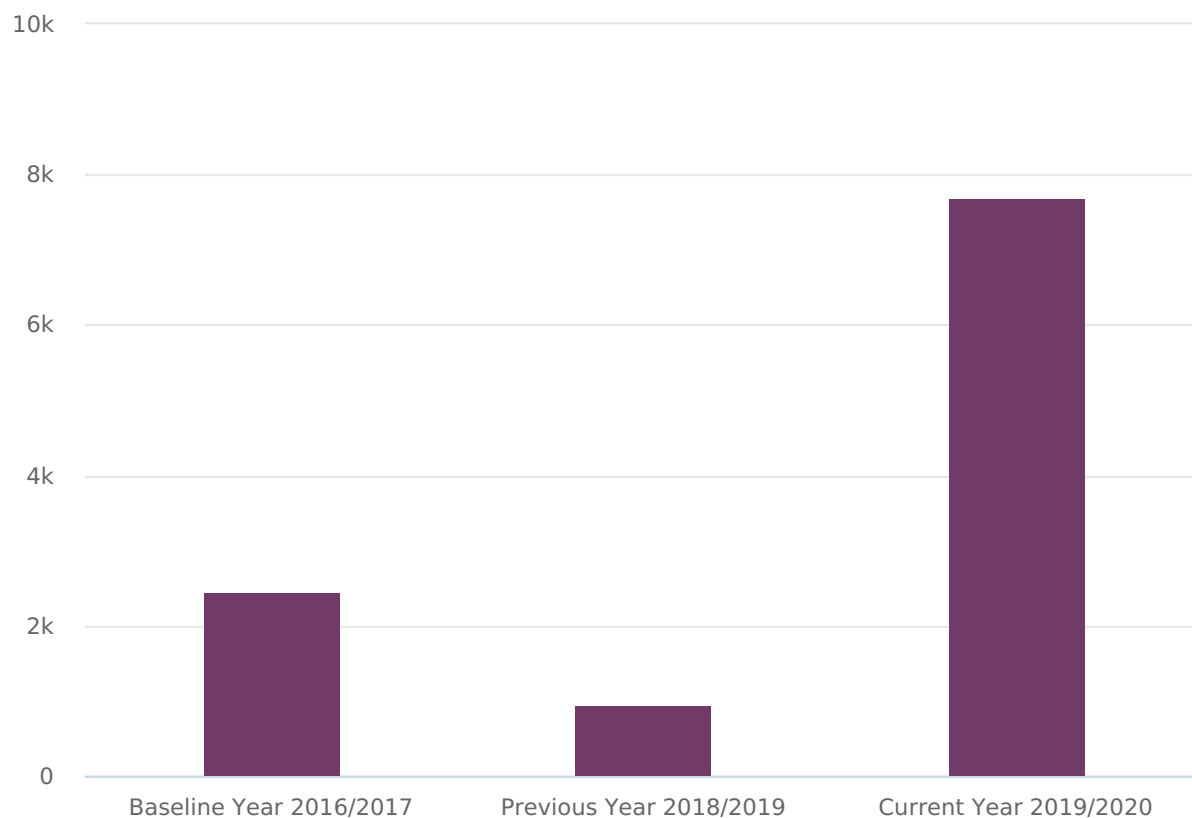


TRANSPORT RELATED EMISSIONS



TRANSPORT RELATED EMISSIONS	UNIT	BASLINE YEAR 2016/2017	PREVIOUS YEAR 2018/2019	CURRENT YEAR 2019/2020	% CHANGE CURRENT VS PREVIOUS	% CHANGE CURRENT VS BASELINE
Total transport related emissions - absolute	kg CO2e	2,449	964	7,715	700 %	215 %
Total transport related emissions - relative	kg CO2e per Employee	306	96	1,286	1233 %	320 %
Car service	km	0.0	0.0	0.0	No data	No data
	kg CO2e	0.0	0.0	0.0	No data	No data
Train - national	km	25,956	6,103	6,590	7 %	-74 %
	kg CO2e	1,268	143	125	-12 %	-90 %
Taxi - regular	km	0.0	76	727	852 %	No data
	kg CO2e	0.0	16	153	832 %	No data
Flight - shorthaul	km	0.0	5,036	19,041	278 %	No data
	kg CO2e	0.0	804	2,965	268 %	No data
Flight - longhaul	km	8,045	0.0	28,746	No data	257 %
	kg CO2e	1,181	0.0	4,306	No data	264 %

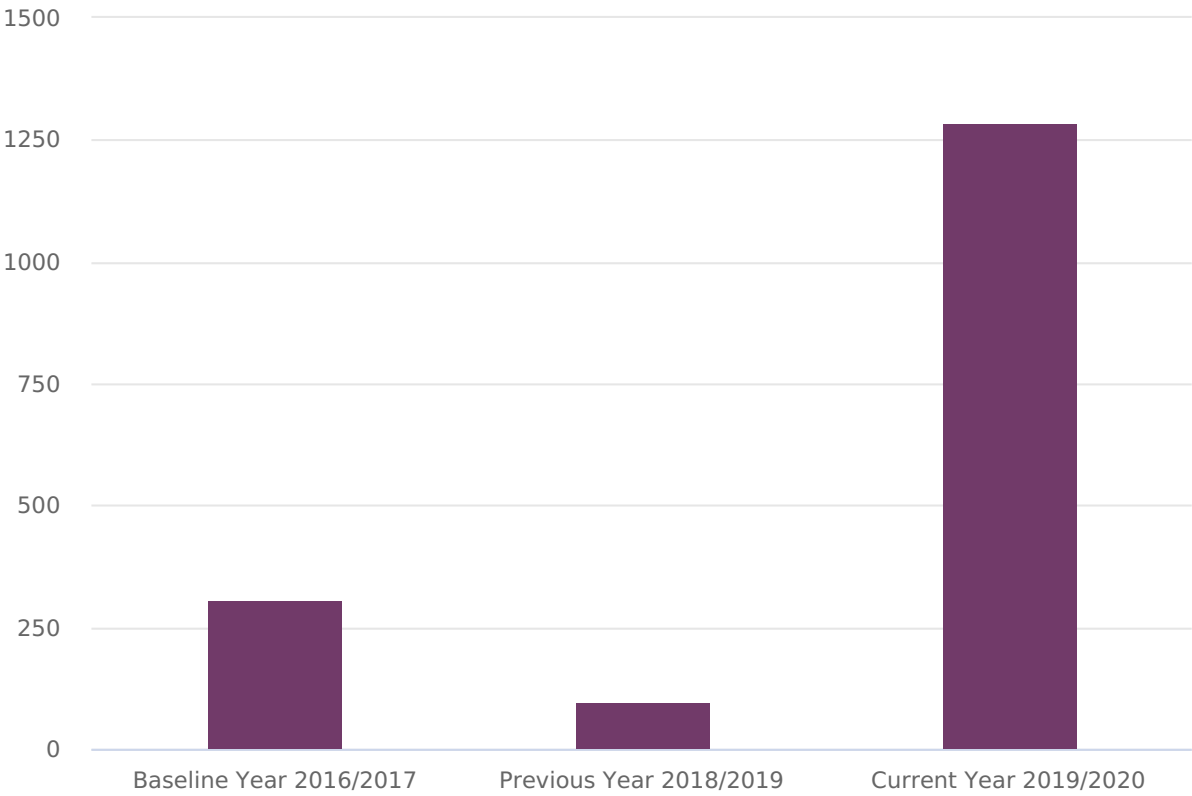
Transport emissions (kg CO2e)





TRANSPORT RELATED EMISSIONS

Transport emissions (kg CO2e per employee)





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