

Julie's Bicycle

CREATIVE • CLIMATE • ACTION



Creative Green
Certified

2019/20 - Young Vic
Theatre

CREATIVE GREEN REPORT
2019/20

Environmental assessment of:

| | |
|---------------|---------|
| COMMITMENT | 34 / 40 |
| UNDERSTANDING | 21 / 25 |
| IMPROVEMENT | 26 / 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



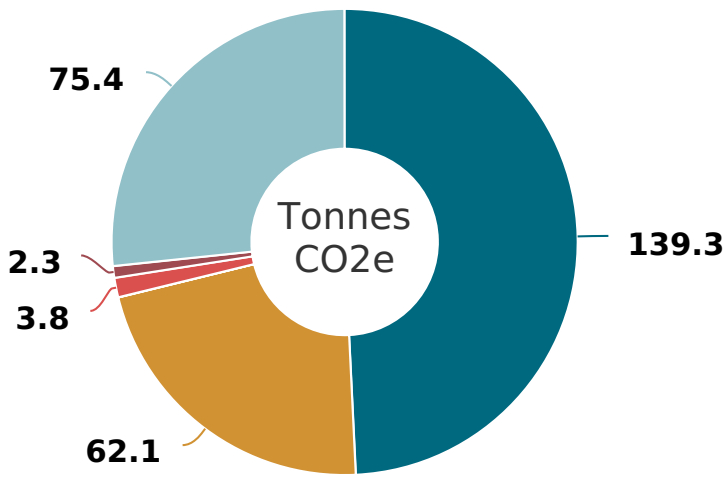
people



IMPROVEMENT towards reducing environmental impacts

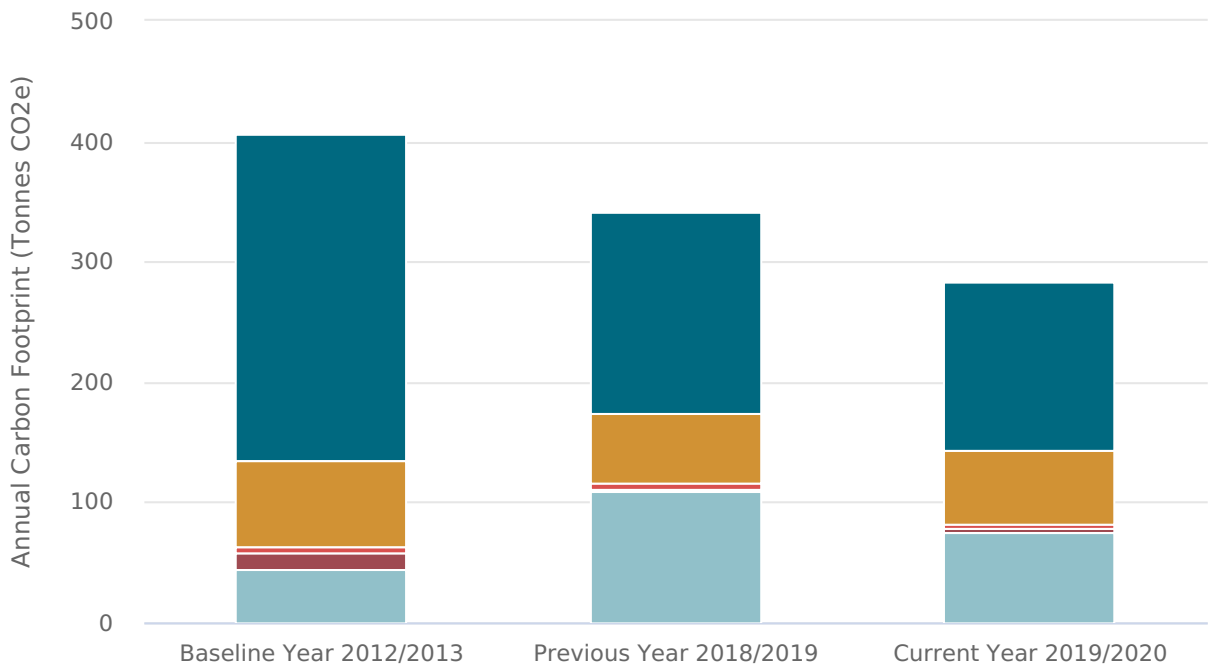
| RELATIVE REDUCTION | ENERGY | EMISSIONS | WATER | WASTE | TRAVEL |
|--------------------------|--------|-----------|-------|-------|--------|
| Current vs previous year | ↓ | ↓ | ↓ | ↓ | ↓ |
| Current vs baseline year | ↓ | ↓ | ↓ | ↑ | ↑ |

| 2019/20 - YOUNG VIC THEATRE | | STATISTICS |
|-----------------------------|---------|------------|
| Type | venue | |
| Floor area | 4,400 | |
| Tickets sold | 129,036 | |
| Number of performances | 363 | |
| Number of staff | 54 | |



The total carbon footprint in 2019/2020 was 283 Tonnes CO2e

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



HIGHLIGHTS



COMMITMENT to the environment

- The Young Vic shows their commitment to reducing their environmental impact through an environmental policy and an environmental action plan
- The Young Vic has a 'Green Champion' who also works with the London Theatre Consortium on climate justice issues. There is also a bi-monthly Sustainability Panel, comprised of staff from across departments
- Sustainability is part of the Business Plan, which is reviewed regularly
- The digital staff handbook for new members of staff features a section on the Young Vic's commitments on sustainability, with information on recent initiatives and improvements
- For the second year running, the Young Vic participated in the LTC Artist Climate Lab
- A website [environmental sustainability section](#) with clear communication of commitments and achievements of the Young Vic

UNDERSTANDING of the following environmental impacts

- Updates are provided and staff feedback is sought through the Sustainability Panel and all-staff meetings
- Environmental sustainability is part of the update to the Board, donors and funders
- In the last year, the Young Vic have undertaken an energy audit and an energy management plan
- Good understanding of energy/water usage and waste generation
- In-depth understanding of staff business/production/touring travel both nationally and internationally

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 | 4 |
| Communication and engagement | 23 | 18 |
| Total Points | 40 | 34 |

HIGHLIGHTS

- The Young Vic shows their commitment to reducing their environmental impact through an environmental policy and an environmental action plan
- The Young Vic has a 'Green Champion' who also works with the London Theatre Consortium on climate justice issues. There is also a bi-monthly Sustainability Panel, comprised of staff from across departments
- Sustainability is part of the Business Plan, which is reviewed regularly
- The digital staff handbook for new members of staff features a section on the Young Vic's commitments on sustainability, with information on recent initiatives and improvements
- For the second year running, the Young Vic participated in the LTC Artist Climate Lab
- A website [environmental sustainability section](#) with clear communication of commitments and achievements of the Young Vic

RECOMMENDATIONS

- Define key performance objectives (ideally a quantitative figure, where possible) and targets for all main environmental impacts areas within the Environmental Action Plan (EAP). Further, assigning responsibilities within the EAP will help driving and to measure progress
- Add a date, version and a signature from a member of the senior management to the Environmental Policy
- Consider developing a sustainable procurement policy. Further guidance can be found in the [Sustainable Procurement Guide](#)
- 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 | 3 |
| In-depth understanding of energy, water and waste | 8 | 7 |
| Monitoring of other impact | 3 | 3 |
| Use of data for setting targets and Key Performance Indicators in policy and action plans | 4 | 2 |
| Evaluation of learning and outcomes | 2 | 2 |
| Total Points | 25 | 21 |

HIGHLIGHTS

- Updates are provided and staff feedback is sought through the Sustainability Panel and all-staff meetings
- Environmental sustainability is part of the update to the Board, donors and funders
- In the last year, the Young Vic have undertaken an energy audit and an energy management plan
- Good understanding of energy/water usage and waste generation
- In-depth understanding of staff business/production/touring travel both nationally and internationally

RECOMMENDATIONS

- Explore training/professional development options to staff where needed to allow staff to take on greater roles within the environmental strategy e.g. Carbon Literacy Training
- As done with energy usage, consider analysing water usage, potentially by using audits, walkthroughs to identify further areas for savings
- Review the results of the audience and staff travel survey to set new areas for improvement against the recorded travel baseline data

ENVIRONMENTAL IMPROVEMENT

HIGHLIGHTS

Current year: 2019/2020

Baseline: energy use 2012/2013, energy related emissions 2012/2013, water use 2012/2013, waste generation 2012/2013, and business travel 2012/2013

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 | -6 % | -2 % | 3 | 1 |
| Energy use related emissions | -46 % | -14 % | 3 | 3 |
| Water | -11 % | -24 % | 2 | 2 |
| Waste | 68 % | -14 % | 2 | 2 |
| Transport | 67 % | -30 % | 2 | 2 |
| Total Points | | | 12 | 10 |

| RELATIVE | RELATIVE METRIC | CURRENT VS. BASELINE | CURRENT VS. PREVIOUS | POINTS AVAILABLE | POINTS AWARDED |
|------------------------------|-----------------|----------------------|----------------------|------------------|----------------|
| Energy use | per m2 | -6 % | -2 % | 5 | 2 |
| Energy use related emissions | per m2 | -46 % | -14 % | 5 | 4 |
| Water | per Visitor | -14 % | -25 % | 4 | 4 |
| Waste | per Visitor | 62 % | -16 % | 4 | 2 |
| Transport | per Employee | 53 % | -30 % | 4 | 3 |
| Total Points | | | | 22 | 15 |



ENVIRONMENTAL IMPROVEMENT RECOMMENDATIONS

Highlights

- Energy use decreased 2% between 2018/19 and 2019/20
- Energy use emissions decreased 14% between 2018/19 and 2019/20
- Water use decreased 24% between 2018/19 and 2019/20
- Waste decreased 14% between 2018/19 and 2019/20

Next Steps

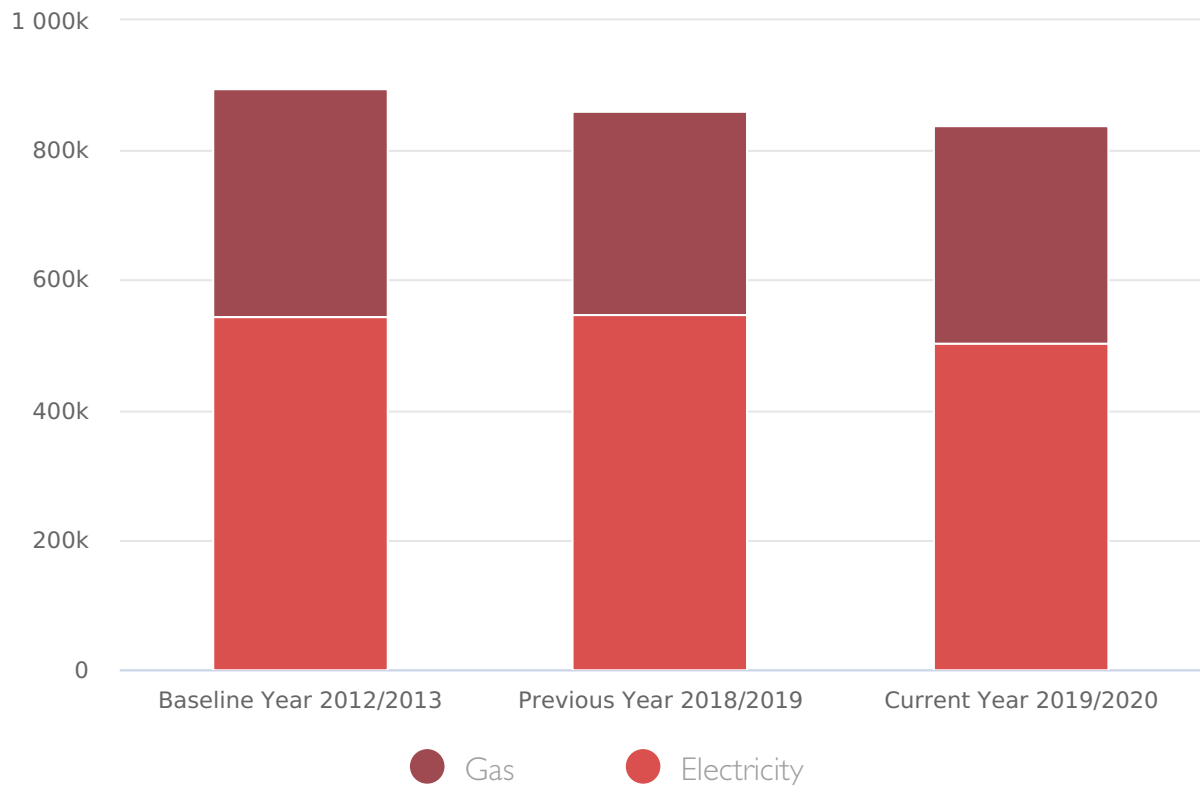
- Consider the impact of UK projected energy scenarios for carbon-neutrality in the building sector by 2050 in any discussions surrounding future capital work at The Young Vic e.g. electrified buildings, heat pumps etc.
- Consider using the [UN's Sustainable Development Goals](#) (SDGs) indicators to set KPIs for the sustainability action or as part of your communications
- Continue to engage with local projects or community groups on different sustainability projects, e.g. costumes or food recycling schemes, inclusion projects, etc.
- Explore environmental/ethical banking/insurance options available for the Young Vic
- Consider [Seacourt's Planet Positive Printing](#) to improve printed materials environmental impact. For further information, visit the [Closed Loop Printing Guide](#)
- Continue to further greening Young Vic's productions, considering key decisions made in scoping and pre-production including production materials, marketing materials and crew/artists travel
- Map out the Young Vic's work coming up in 2021 which holds environmental themes to help align best practice and potential joint staff/audience engagement campaigns. Further guidance can be found in the [Communicating Sustainability Guide](#)

ENERGY USE



| ENERGY USE | UNIT | BASELINE YEAR 2012/2013 | PREVIOUS YEAR 2018/2019 | CURRENT YEAR 2019/2020 | % CHANGE CURRENT VS PREVIOUS | % CHANGE CURRENT VS BASELINE |
|--|------------|----------------------------|----------------------------|---------------------------|---------------------------------------|---------------------------------------|
| Energy use (electricity and gas) -- absolute | kWh | 896,292 | 859,556 | 840,030 | -2 % | -6 % |
| Electricity | kWh | 545,263 | 546,075 | 502,402 | -7 % | -7 % |
| Gas (weather normalised) | kWh | 351,029 | 313,481 | 337,628 | 7 % | -3 % |
| Energy use (electricity and gas) -- relative | kWh per m2 | 204 | 195 | 191 | -2 % | -6 % |
| Electricity | kWh per m2 | 124 | 124 | 114 | -7 % | -7 % |
| Gas (weather normalised) | kWh per m2 | 80 | 71 | 77 | 7 % | -3 % |
| Mains electricity - absolute | kWh | 545,263 | 546,075 | 502,402 | -7 % | -7 % |
| Mains gas - absolute | kWh | 352,563 | 249,609 | 237,782 | -4 % | -32 % |
| Weather gas normalised - absolute | kWh | 351,029 | 313,481 | 337,628 | 7 % | -3 % |

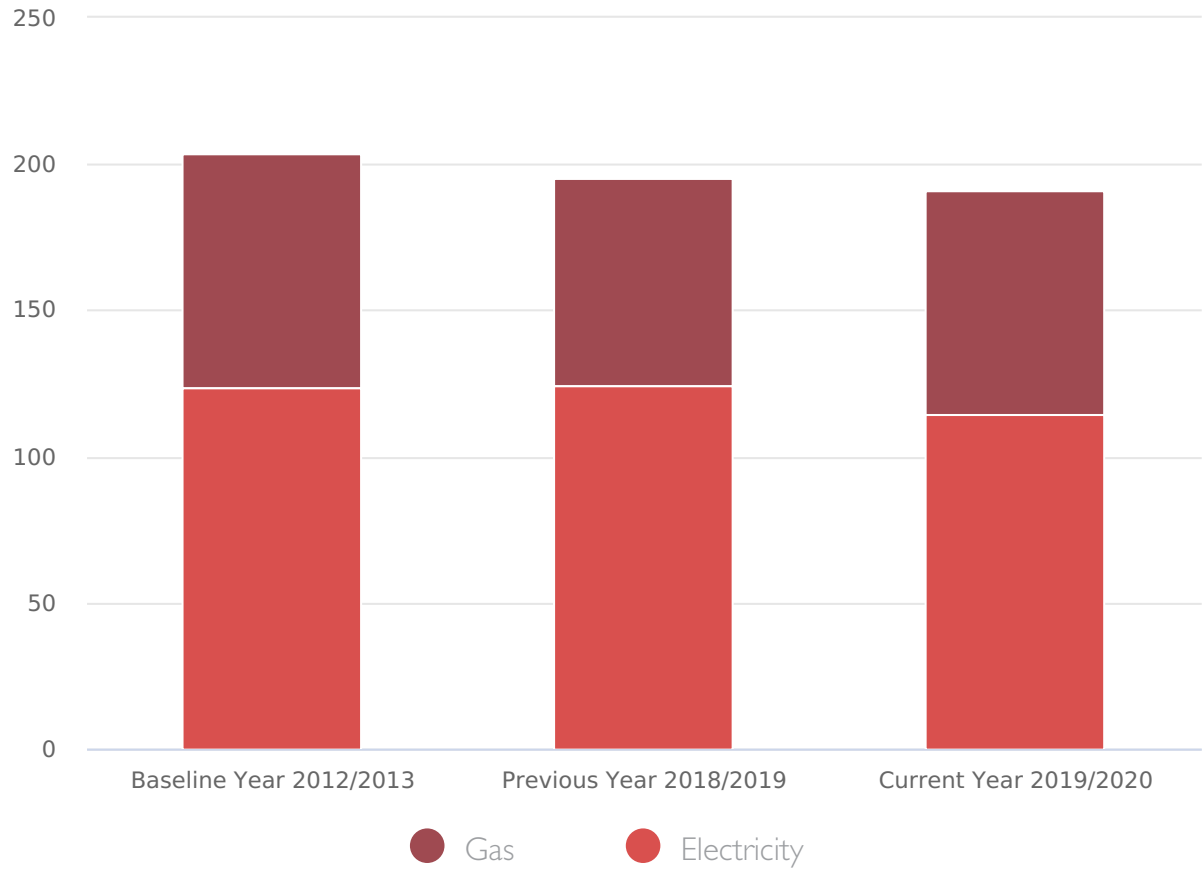
Energy consumption (kWh)





ENERGY USE

Energy consumption (kWh per m2)



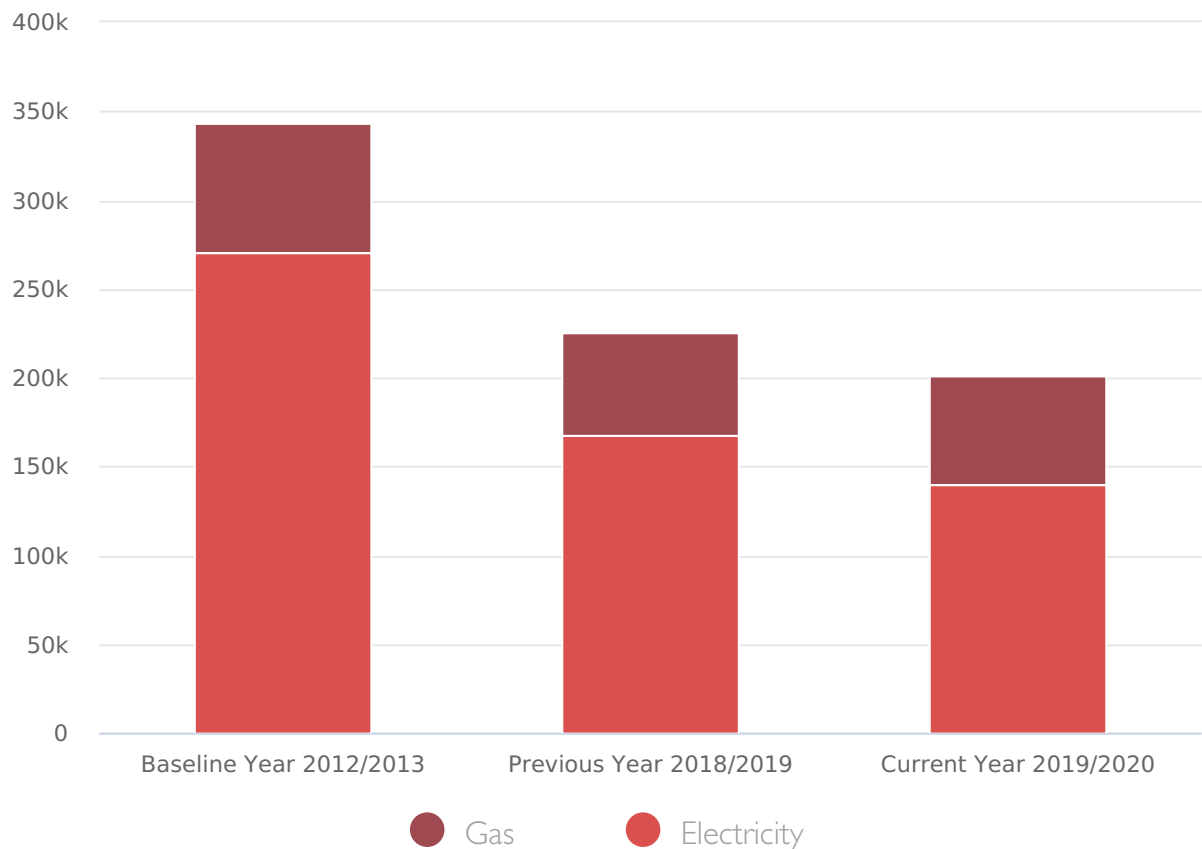


ENERGY USE RELATED EMISSIONS

| ENERGY RELATED EMISSIONS | UNIT | BASELINE YEAR 2012/2013 | PREVIOUS YEAR 2018/2019 | CURRENT YEAR 2019/2020 | % CHANGE CURRENT VS PREVIOUS | % CHANGE CURRENT VS BASELINE |
|---|----------------|----------------------------|----------------------------|---------------------------|------------------------------------|------------------------------------|
| Energy use emissions (all sources) - absolute | kg CO2e | 343,099 | 213,672 | 183,032 | -14 % | -46 % |
| Energy use emissions (all sources) - relative | kg CO2e per m2 | 78 | 49 | 42 | -14 % | -46 % |
| Electricity | kg CO2e | 270,647 | 167,754 | 139,316 | -16 % | -48 % |
| Normalised gas | kg CO2e | 72,136 | 57,668 | 62,073 | 7 % | -13 % |



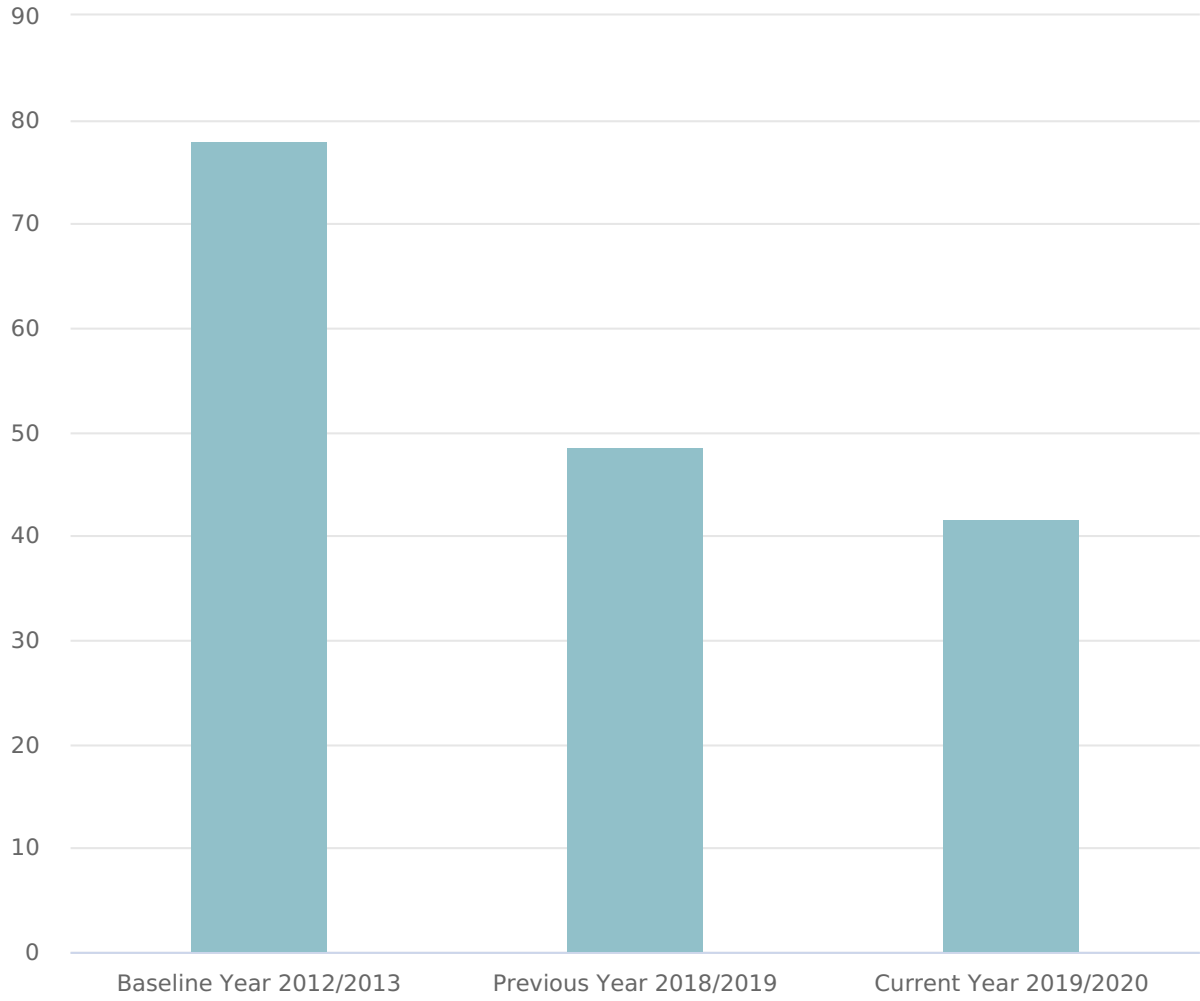
Energy use emissions (kg CO2e)



ENERGY USE RELATED EMISSIONS



Energy use emissions (kg CO₂e per m²)

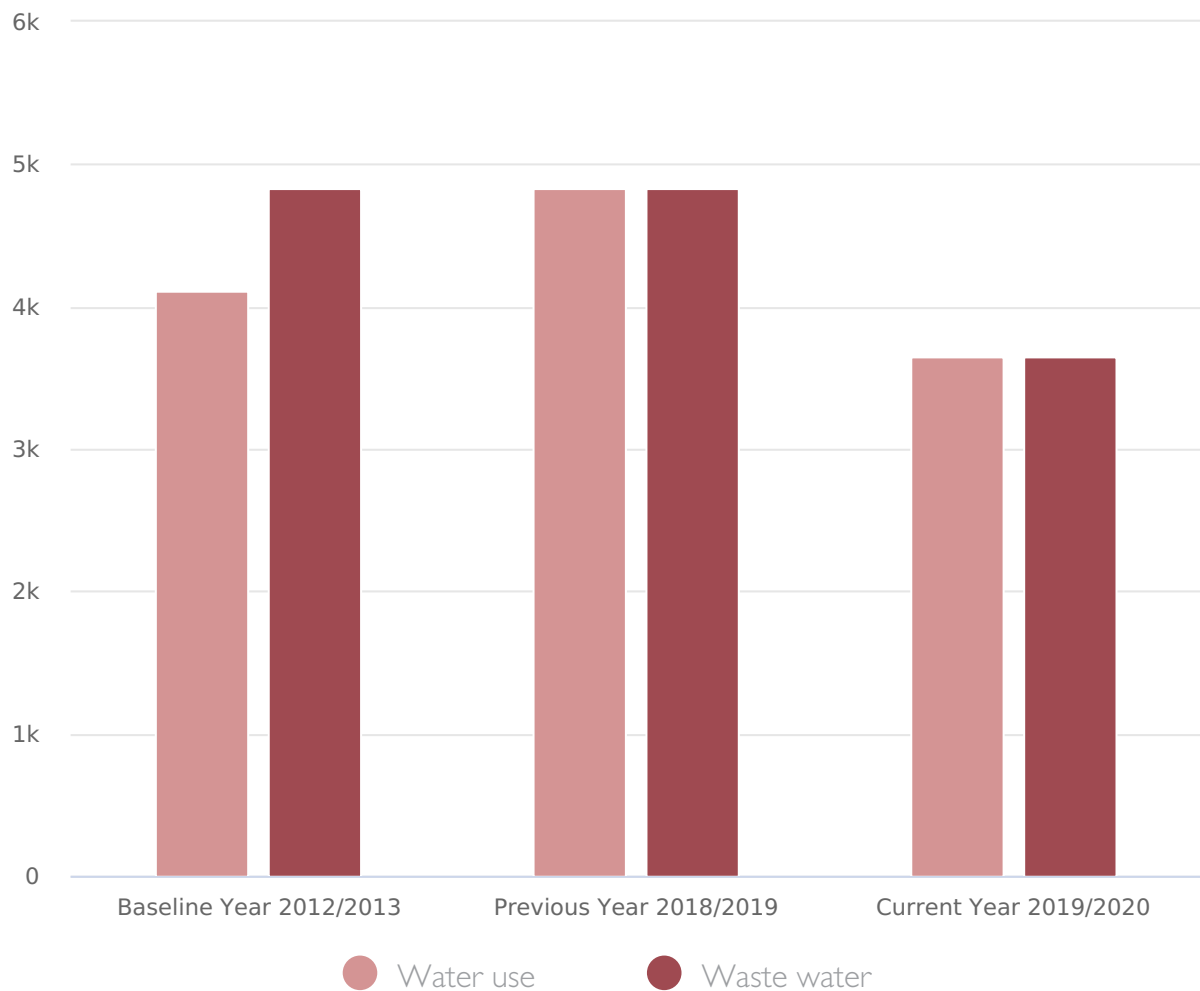


WATER USE



| WATER USE | UNIT | BASELINE YEAR 2012/2013 | PREVIOUS YEAR 2018/2019 | CURRENT YEAR 2019/2020 | % CHANGE CURRENT VS PREVIOUS | % CHANGE CURRENT VS BASELINE |
|------------------------------------|--------------------|----------------------------|----------------------------|---------------------------|---------------------------------------|---------------------------------------|
| Total water use and waste water | m3 | 4,117 | 4,836 | 3,653 | -24 % | -11 % |
| Relative water use and waste water | litres per Visitor | 33 | 38 | 28 | -25 % | -14 % |
| Water use | m3 | 4,117 | 4,836 | 3,653 | -24 % | -11 % |
| Waste water | m3 | 4,117 | 4,836 | 3,653 | -24 % | -11 % |

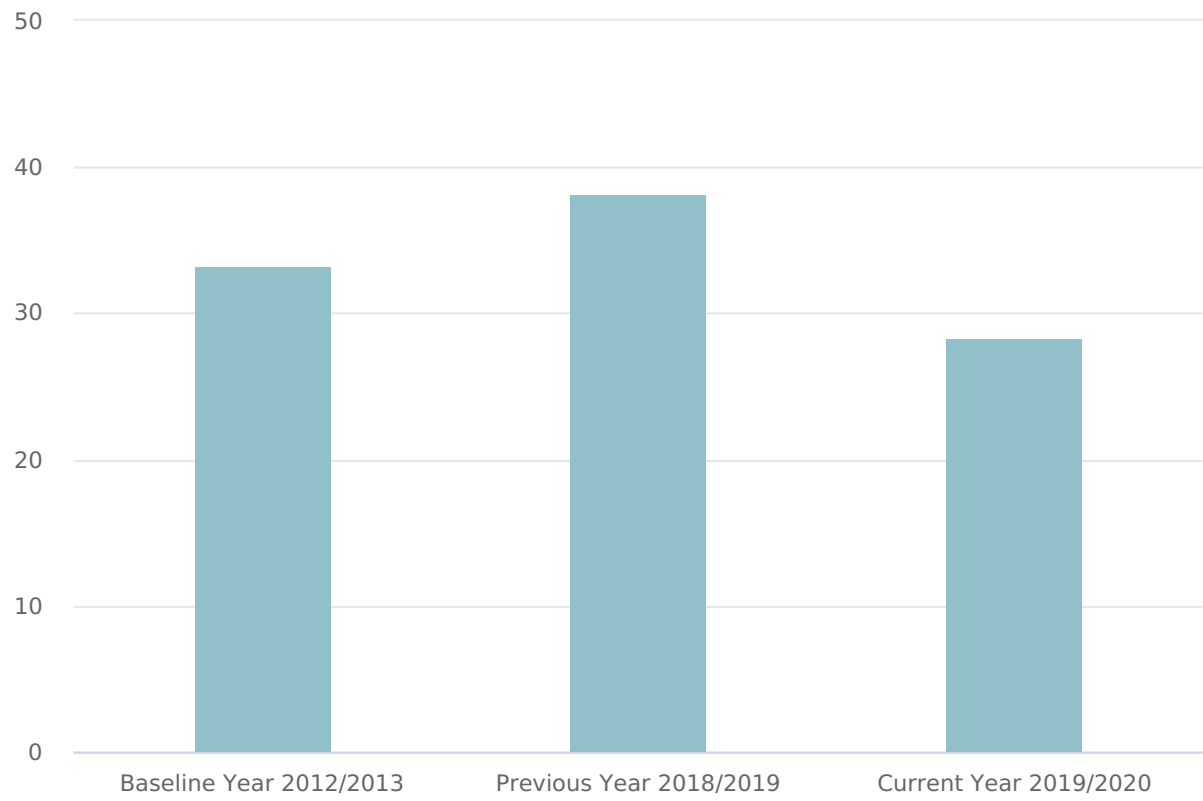
Water use (m3)



WATER USE



Water use (litres per visitor)

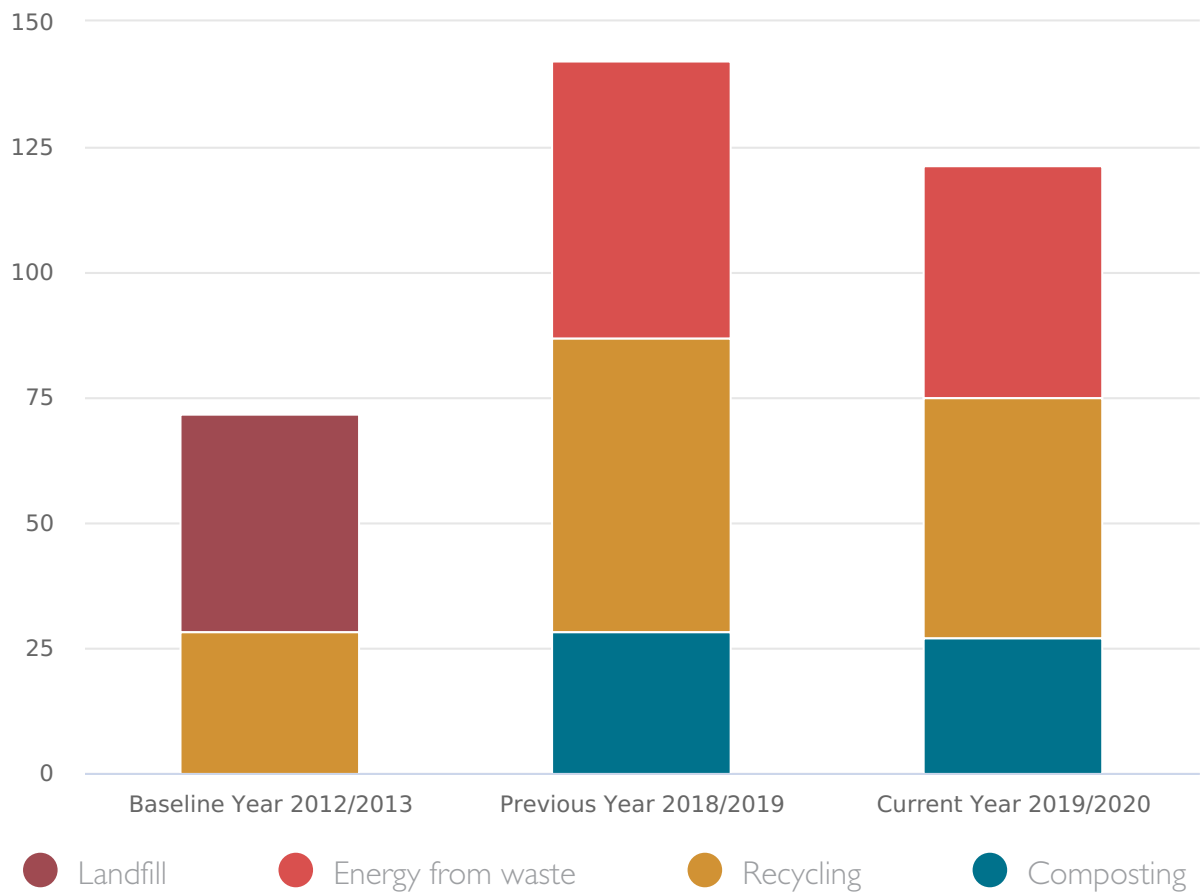


WASTE GENERATION



| WASTE | UNIT | BASELINE YEAR 2012/2013 | PREVIOUS YEAR 2018/2019 | CURRENT YEAR 2019/2020 | % CHANGE CURRENT VS PREVIOUS | % CHANGE CURRENT VS BASELINE |
|-----------------------------|----------------|----------------------------|----------------------------|---------------------------|---------------------------------------|---------------------------------------|
| Waste generation - absolute | tonnes | 72 | 142 | 121 | -14 % | 68 % |
| Waste generation - relative | kg per Visitor | 0.6 | 1 | 0.9 | -16 % | 62 % |
| Landfill waste | tonnes | 44 | 0.0 | 0.0 | No data | No data |
| Energy from waste | tonnes | 0.0 | 55 | 46 | -16 % | No data |
| Recycling | tonnes | 28 | 59 | 48 | -18 % | 68 % |
| Composting | tonnes | 0.0 | 28 | 27 | -3 % | No data |

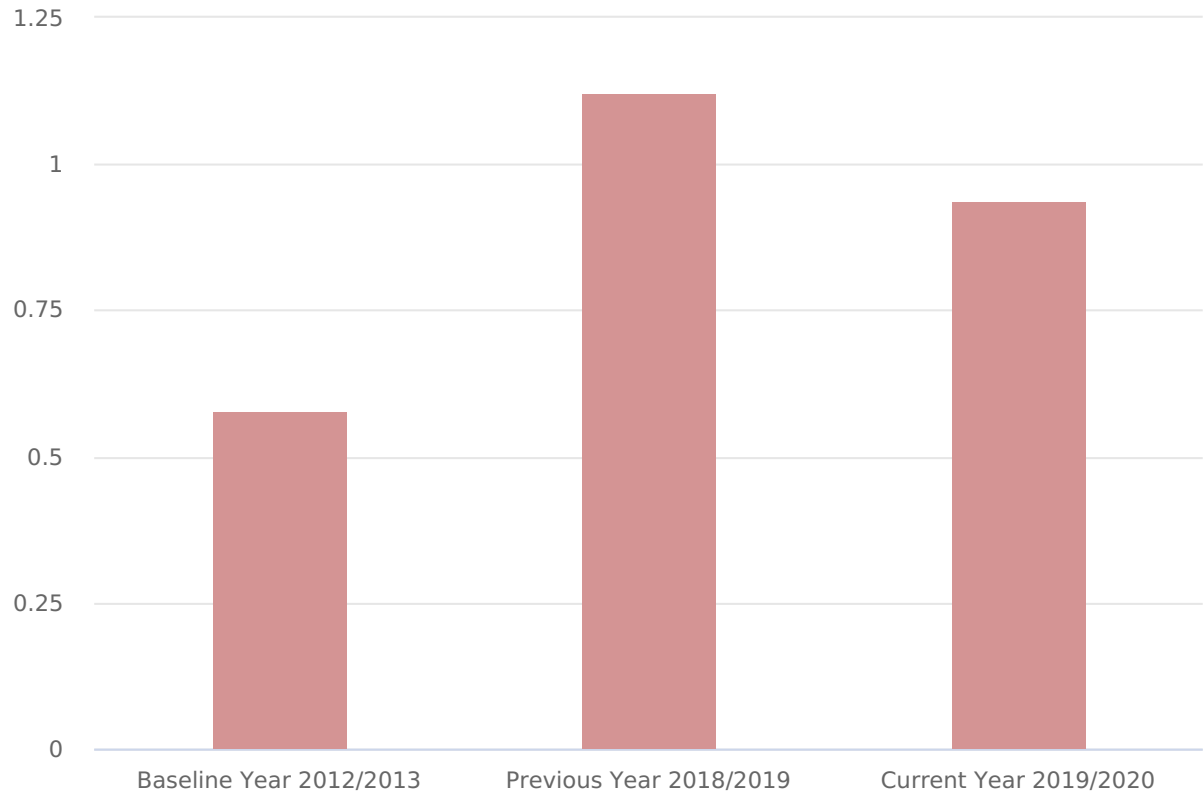
Waste (tonnes)



WASTE GENERATION



Waste (kg per visitor)

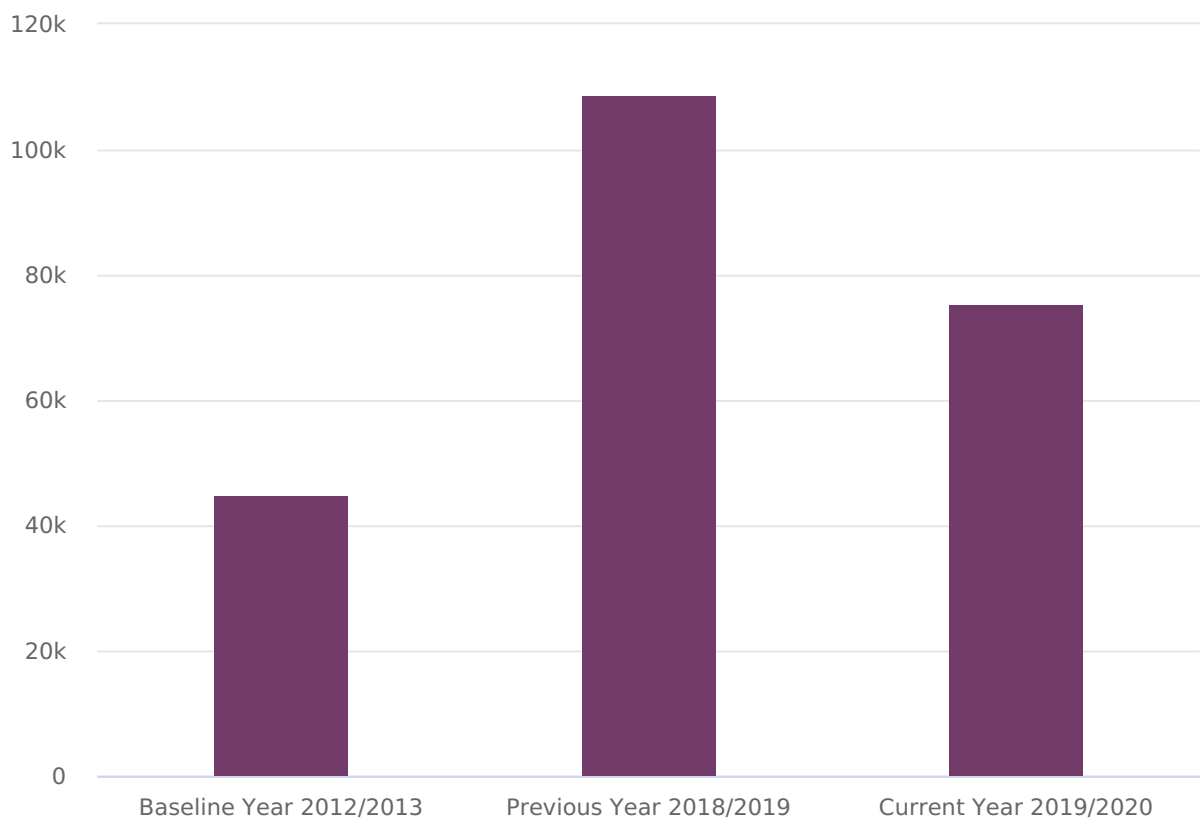


TRANSPORT RELATED EMISSIONS



| TRANSPORT RELATED EMISSIONS | UNIT | BASELINE YEAR 2012/2013 | PREVIOUS YEAR 2018/2019 | CURRENT YEAR 2019/2020 | % CHANGE CURRENT VS PREVIOUS | % CHANGE CURRENT VS BASELINE |
|--|----------------------|----------------------------|----------------------------|---------------------------|------------------------------|------------------------------|
| Total transport related emissions - absolute | kg CO2e | 45,041 | 108,789 | 75,411 | -30 % | 67 % |
| Total transport related emissions - relative | kg CO2e per Employee | 901 | 2,000 | 1,386 | -30 % | 53 % |
| Car service | km | 315 | 0.0 | 107 | No data | -66 % |
| | kg CO2e | 64 | 0.0 | 19 | No data | -69 % |
| Train - national | km | 12,835 | 21,087 | 430 | -97 % | -96 % |
| | kg CO2e | 620 | 933 | 3 | -99 % | -99 % |
| Taxi - regular | km | 1,865 | 2,603 | 0.0 | No data | No data |
| | kg CO2e | 385 | 559 | 0.0 | No data | No data |
| Flight - shorthaul | km | 50,765 | 53,416 | 32,742 | -38 % | -35 % |
| | kg CO2e | 4,834 | 8,530 | 5,443 | -36 % | 12 % |
| Flight - longhaul | km | 485,671 | 504,035 | 252,050 | -49 % | -48 % |
| | kg CO2e | 38,630 | 98,146 | 69,763 | -28 % | 80 % |

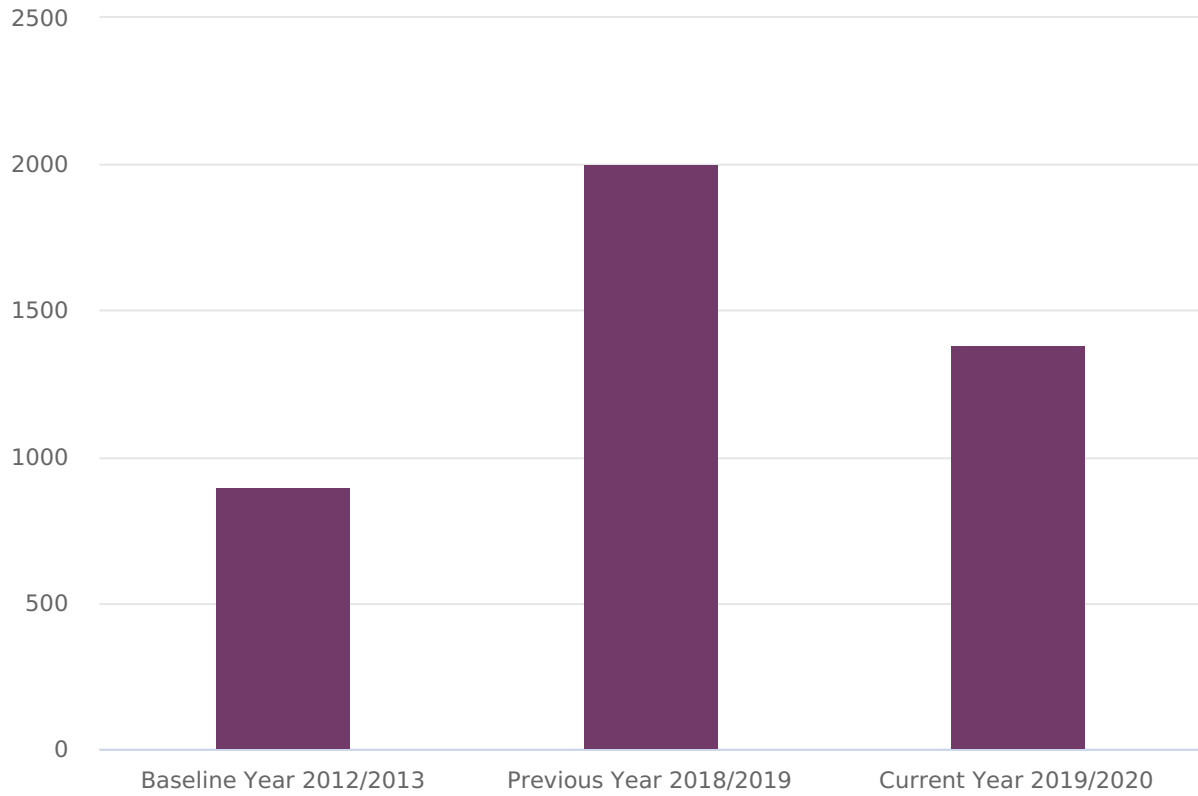
Transport emissions (kg CO2e)



TRANSPORT RELATED EMISSIONS



Transport emissions (kg CO₂e per employee)





Julie's Bicycle

CREATIVE • CLIMATE • ACTION



Creative Green

www.juliesbicycle.com

Somerset House, New Wing, Strand, London, WC2R 1LA

+44 (0)20 8746 0400



#creativegreen