



CREATIVE



GREEN



Young Vic Theatre

CREATIVE GREEN REPORT

2017/18

Young Vic Theatre
CREATIVE GREEN KEY RESULTS

Environmental assessment of:

| | |
|---------------|---------|
| COMMITMENT | 37 / 40 |
| UNDERSTANDING | 23 / 25 |
| IMPROVEMENT | 10 / 35 |

TOTAL POINTS 70 / 100



COMMITMENT to the environment

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



UNDERSTANDING of the following environmental impacts

energy

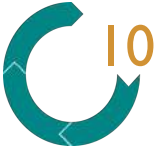
emissions

water

waste

travel

people

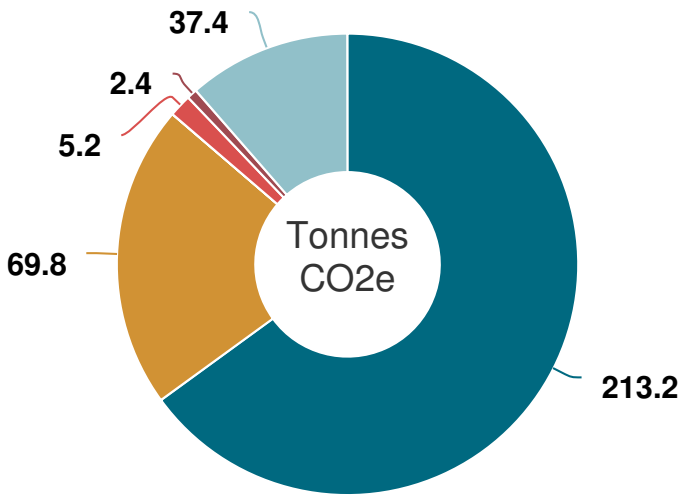


IMPROVEMENT towards reducing environmental impacts

| RELATIVE REDUCTION | ENERGY | EMISSIONS | WATER | WASTE | TRAVEL |
|--------------------------|--------|-----------|-------|-------|---------|
| Current vs previous year | ↑ | ↑ | ↑ | ↑ | ↓ |
| Current vs baseline year | ↑ | ↑ | ↑ | ↑ | No data |

PROFILE

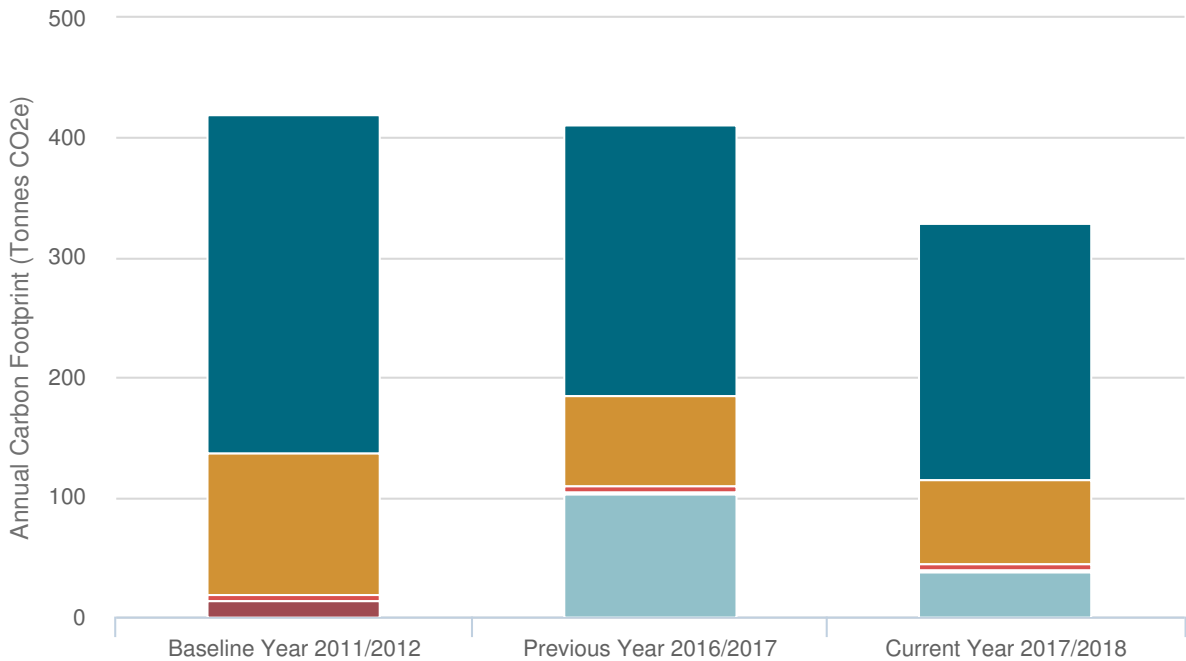
| YOUNG VIC THEATRE | STATISTICS |
|------------------------|------------|
| Type | venue |
| Floor area | 4,400 |
| Tickets sold | 107,056 |
| Number of performances | 458 |
| Number of staff | 54 |



Note: All figures are rounded

The total carbon footprint in 2017/2018 was 328 Tonnes CO2e

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



CARBON FOOTPRINT

HIGHLIGHTS



COMMITMENT to the environment

- Young Vic won 'Best Cultural Venue' at the 2018 Creative Green Awards for their exceptional work on integrating environmental sustainability at the Young Vic.
- Young Vic have a committed sustainability panel in place who meet bi-monthly and includes representatives from all key theatre departments.
- Young Vic are an active member of London Theatre Consortium's Green Group, working collaboratively with other London theatres on environmental sustainability.
- Young Vic work to source environmental sustainable products and services where possible including through partnerships with First Mile, Commercial, Scenery Salvage and the onsite Cut Bar, which is a member of the Sustainable Restaurant Association.
- At Christmas, Young Vic ran a series of engagement workshops around the theme of sustainability including a talk from the Centre for Alternative Technology and a workshop disseminating the learnings from the Creative Climate Leadership course Young Vic's Green Champion attended in 2017.
- Young Vic took a leading role in arranging the LTC Artists Climate Lab where each venue put forwarded an artists to attend a week long climate lab retreat.

UNDERSTANDING of the following environmental impacts

- Young Vic gage staff views on sustainability and provide a platform for new ideas at the Sustainability Panel and all-staff updates at meetings.
- As part of the Neighbourhood Theatre initiative, Young Vic's Green Champion informed the group of Young Vic's environmental commitments and gathered ideas from the group on new ideas around issues such as eradicating single-use plastic.
- Young Vic have been monitoring their energy, water and waste impacts for the past 8 years with all data recorded annually through the IG Tools.
- Young Vic's Production Managers monitor all set construction and set build parameters are worked out by a producer team in preproduction to help reduce unnecessary disposal.
- Young Vic collect audience travel figures via post show surveys which request transport type and distance travelled.

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



ENVIRONMENTAL COMMITMENT

| ASSESSMENT AREAS | POINTS AVAILABLE | POINTS AWARDED |
|-------------------------------------|------------------|----------------|
| Policy, strategy & responsibilities | 12 | 12 |
| Procurement | 5 | 3 |
| Communication and engagement | 23 | 22 |
| Total Points | 40 | 37 |

HIGHLIGHTS

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RECOMMENDATIONS

- Align Young Vic’s internal commitments on sustainability to the wider international context of the Paris Agreement and the UK Climate Change Act.
- At the end of the current contract consider switching to a 100% renewable energy supplier. See [Julie’s Bicycle’s Renewable Energy Factsheet](#).
- Formalise Young Vic’s approach to sustainable procurement in a specific policy which includes detail on contracting, tendering, green clauses and requirements specific to individual procurement options. See [Julie’s Bicycle’s Sustainable Procurement Guide](#)
- Following the example set by Lyric Hammersmith’s #PlasticFreeLyric campaign, consider developing a behavioural change campaign that can engage staff, audiences, artists and suppliers to reduce their environmental impacts.
- Following the success of the Christmas workshops, plan further activities to engage internal and external audiences on sustainability, both showcasing Young Vic’s internal achievements on sustainability and sector and non-sector examples of best practice.
- Consider commissioning, producing or programming some creative content based around environmental themes and consider contribute to upcoming [Season for 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 | 3 |
| Evaluation of learning and outcomes | 2 | 1 |
| Total Points | 25 | 23 |

HIGHLIGHTS

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- Young Vic collect audience travel figures via post show surveys which request transport type and distance travelled.

RECOMMENDATIONS

- Use Young Vic's post show surveys and other channels to collect audience feedback on Young Vic's sustainability initiatives and ambitions to allow Young Vic to plan future events/activities in line with audience interests.
- Ensure half-hourly data is analysed for trends and anomalies monthly, with results and required actions fed back at Sustainability Panel meetings.
- Continue to work with First Mile, the Cut and the Production Department to expand waste recycling capacity onsite making sure monitoring is in place before and after to enable stories of change to be communicated to stakeholders.
- Use environmental impact data set meaningful KPIs and targets which are documented in Young Vic's environmental action plan.

ENVIRONMENTAL IMPROVEMENT

HIGHLIGHTS

Current year: 2017/2018

Baseline: energy use 2011/2012, energy related emissions 2011/2012, water use 2011/2012, waste generation 2011/2012, and business travel 2011/2012

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 | -23 % | 2 % | 3 | 1 |
| Energy use related emissions | -26 % | -5 % | 3 | 3 |
| Water | 23 % | -1 % | 2 | 1 |
| Waste | 26 % | 34 % | 2 | 0 |
| Transport | No data | -63 % | 2 | 1 |
| Total Points | | | 12 | 6 |

| RELATIVE | RELATIVE METRIC | CURRENT VS. BASELINE | CURRENT VS. PREVIOUS | POINTS AVAILABLE | POINTS AWARDED |
|------------------------------|-----------------|----------------------|----------------------|------------------|----------------|
| Energy use | per Performance | 96 % | 42 % | 5 | 0 |
| Energy use related emissions | per Performance | 89 % | 31 % | 5 | 0 |
| Water | per Visitor | 49 % | 18 % | 4 | 0 |
| Waste | per Visitor | 52 % | 61 % | 4 | 0 |
| Transport | per Employee | No data | -66 % | 4 | 3 |
| Total Points | | | | 22 | 3 |



ENVIRONMENTAL IMPROVEMENT

RECOMMENDATIONS

Highlights

- Energy use decreased 23% between 2011/12 and 2016/17 with energy use remaining stable between 2016/17 and 2017/18.
- Energy use related emissions decreased 5% between 2016/17 and 2017/18 and by a further 26% since 2011/12.
- Young Vic is now a zero waste-to-landfill venue.

Next Steps: Onsite

- Ensure half-hourly data is being inputted to Pilio and that results are analysed for trends and anomalies monthly, with results and required actions fed back at Green Team meetings.
- Establish an energy management subgroup with LTC that can review and help reduce Young Vic's current energy use rates.
- Formalise Young Vic's approach to sustainable procurement in a specific policy which includes detail on contracting, tendering, green clauses and requirements specific to individual procurement options.

Next Steps: Communications and Engagement

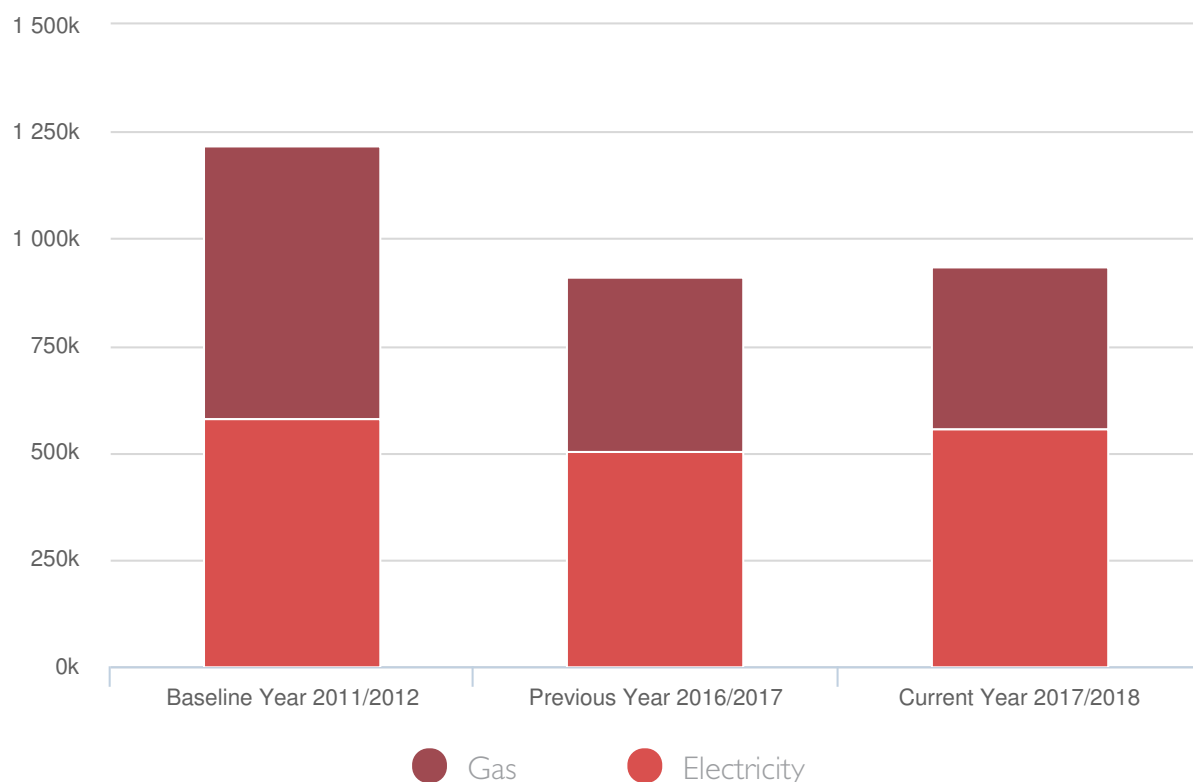
- Building on the success of the LTC Artist Climate Lab develop further programmes with the LTC network.
- Plan further activities to engage internal and external audiences on sustainability, both showcasing Young Vic's internal achievements on sustainability and showcasing sector and non-sector examples and new ideas.
- Following the example set by Lyric Hammersmith's #PlasticFreeLyric campaign, consider developing a behavioural change campaign that can engage staff, audiences, artists and suppliers to reduce their environmental impacts.



ENERGY USE

| ENERGY USE | UNIT | BASELINE YEAR 2011/2012 | PREVIOUS YEAR 2016/2017 | CURRENT YEAR 2017/2018 | % CHANGE CURRENT VS PREVIOUS | % CHANGE CURRENT VS BASELINE |
|----------------------------------------------|---------------------|----------------------------|----------------------------|---------------------------|---------------------------------------|---------------------------------------|
| Energy use (electricity and gas) -- absolute | kWh | 1,217,367 | 911,376 | 933,571 | 2 % | -23 % |
| Electricity | kWh | 577,765 | 502,758 | 554,569 | 10 % | -4 % |
| Gas (weather normalised) | kWh | 639,602 | 408,618 | 379,002 | -7 % | -40 % |
| Energy use (electricity and gas) -- relative | kWh per Performance | 2,742 | 3,797 | 5,396 | 42 % | 96 % |
| Electricity | kWh per Performance | 1,301 | 2,095 | 3,206 | 53 % | 146 % |
| Gas (weather normalised) | kWh per Performance | 1,441 | 1,703 | 2,191 | 28 % | 52 % |
| Mains electricity - absolute | kWh | 577,765 | 502,758 | 554,569 | 10 % | -4 % |
| Mains gas - absolute | kWh | 461,686 | 338,980 | 322,682 | -4 % | -30 % |
| Weather gas normalised - absolute | kWh | 639,602 | 408,618 | 379,002 | -7 % | -40 % |

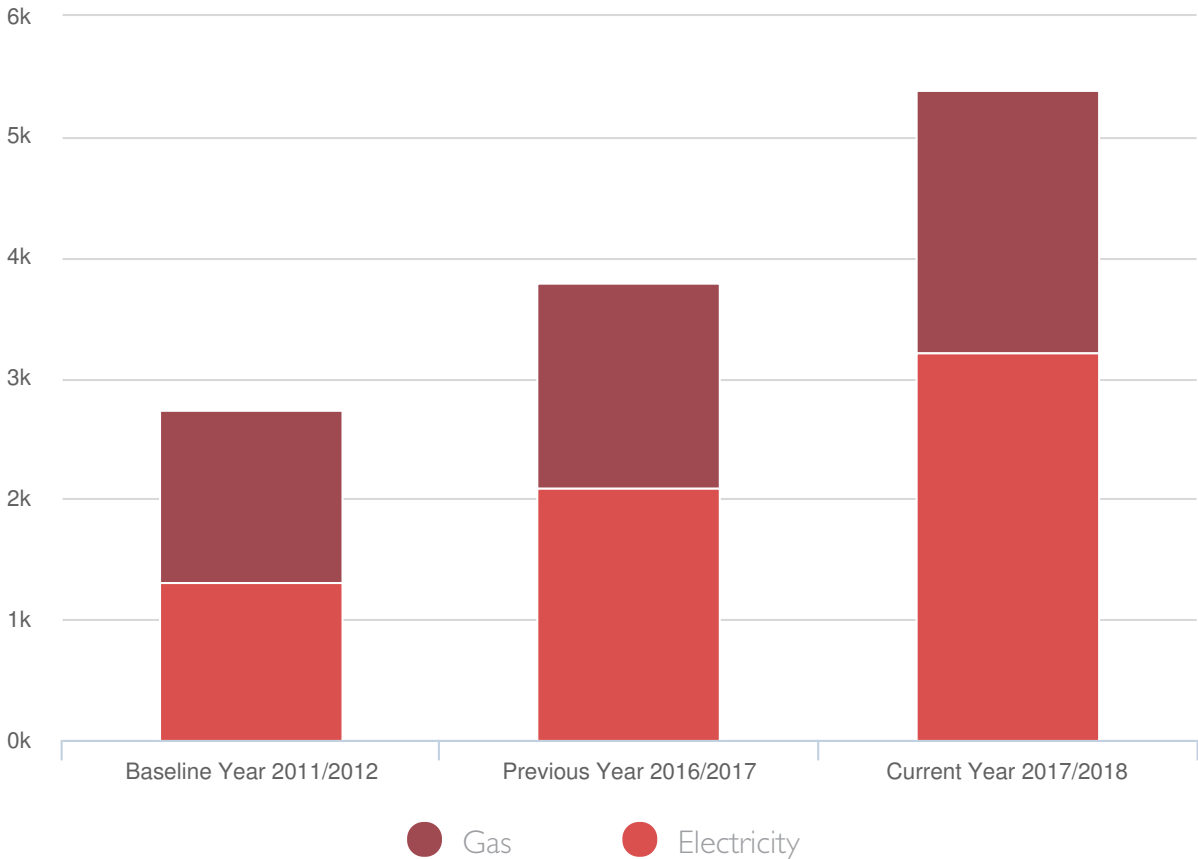
Energy consumption (kWh)





ENERGY USE

Energy consumption (kWh per performance)

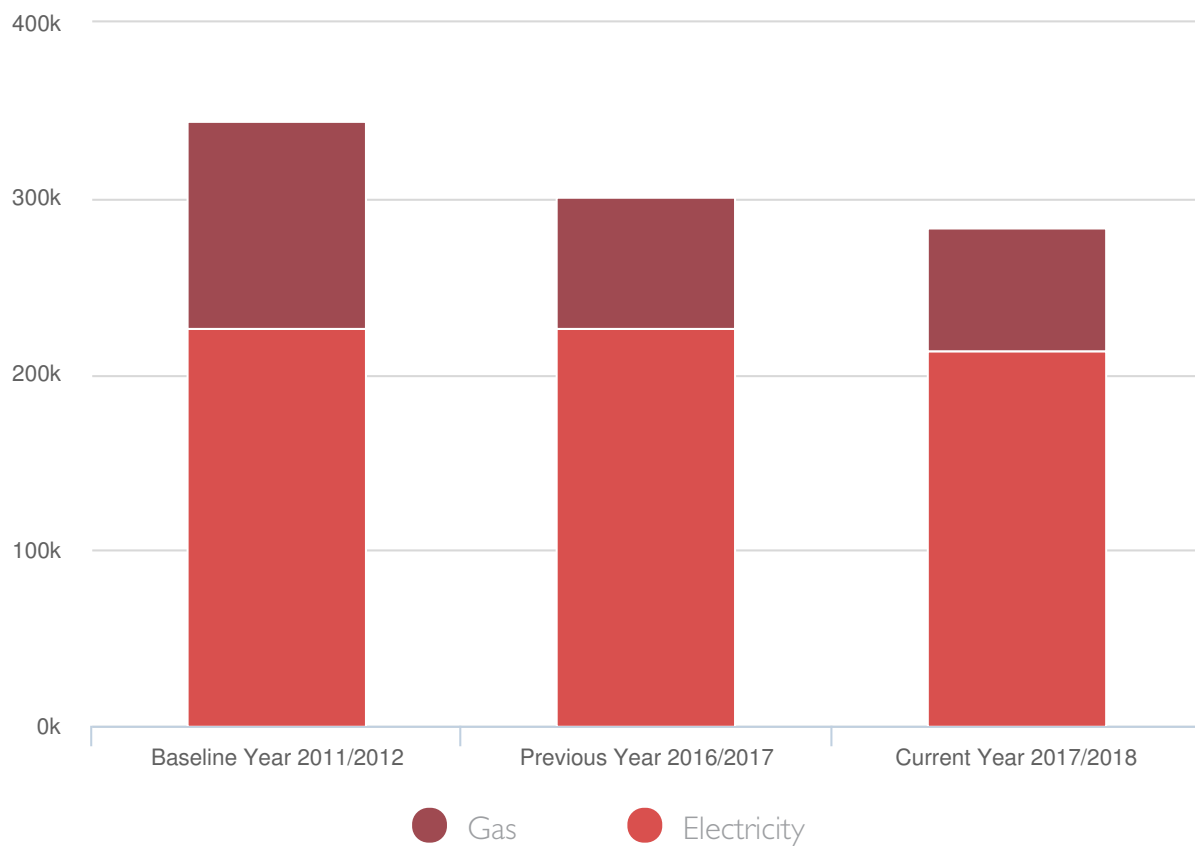




ENERGY USE RELATED EMISSIONS

| ENERGY RELATED EMISSIONS | UNIT | BASELINE YEAR 2011/2012 | PREVIOUS YEAR 2016/2017 | CURRENT YEAR 2017/2018 | % CHANGE CURRENT VS PREVIOUS | % CHANGE CURRENT VS BASELINE |
|-----------------------------------------------|-------------------------|----------------------------|----------------------------|---------------------------|---------------------------------------|---------------------------------------|
| Energy use emissions (all sources) - absolute | kg CO2e | 368,897 | 288,272 | 272,618 | -5 % | -26 % |
| Energy use emissions (all sources) - relative | kg CO2e per Performance | 831 | 1,201 | 1,576 | 31 % | 89 % |
| Electricity | kg CO2e | 283,498 | 225,899 | 213,193 | -5 % | -24 % |
| Normalised gas | kg CO2e | 118,309 | 75,186 | 69,797 | -7 % | -41 % |

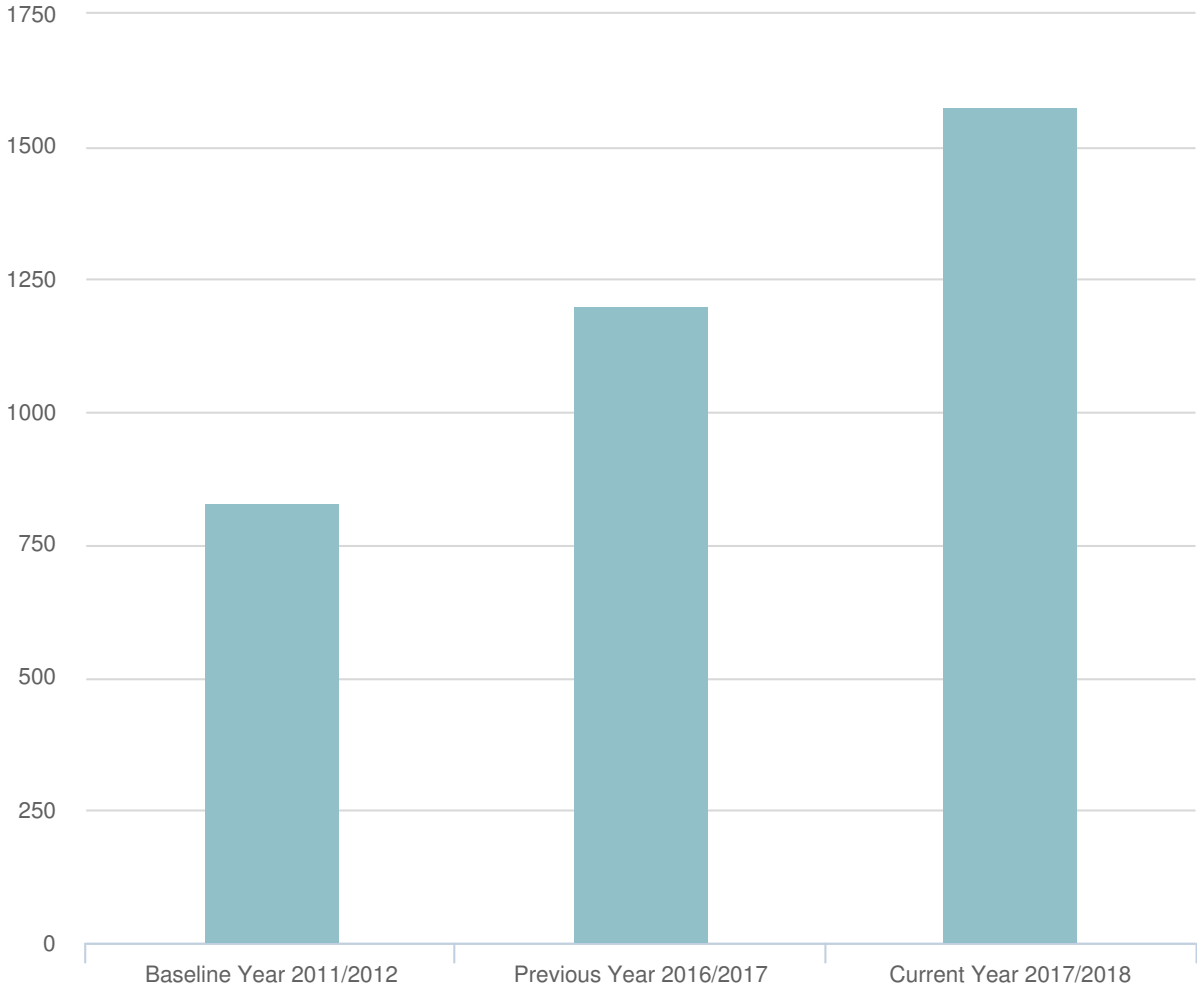
Energy use emissions (kg CO2e)





ENERGY USE RELATED EMISSIONS

Energy use emissions (kg CO2e per performance)

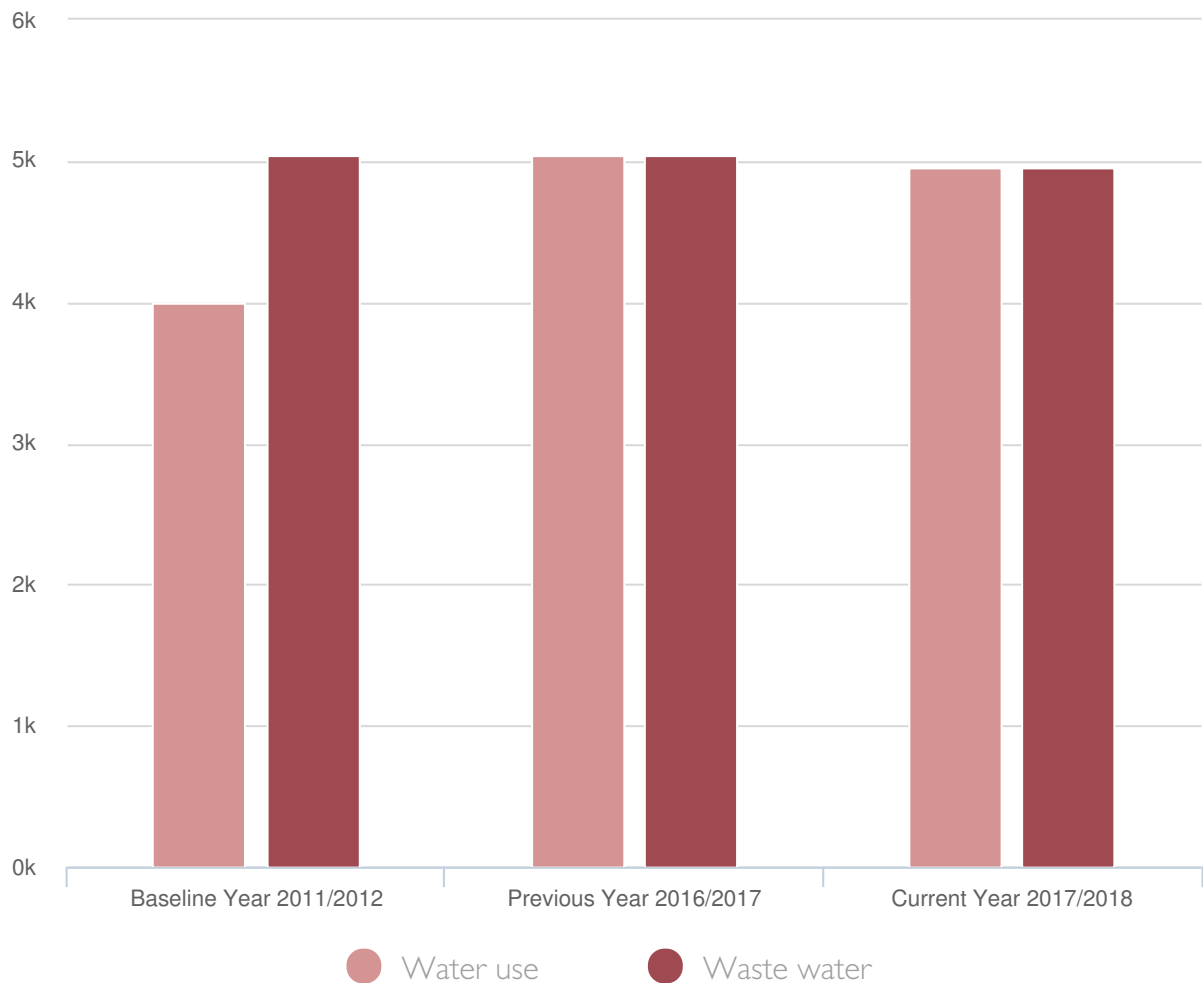




WATER USE

| WATER USE | UNIT | BASELINE YEAR 2011/2012 | PREVIOUS YEAR 2016/2017 | CURRENT YEAR 2017/2018 | % CHANGE CURRENT VS PREVIOUS | % CHANGE CURRENT VS BASELINE |
|------------------------------------|-----------------------|----------------------------|----------------------------|---------------------------|---------------------------------------|---------------------------------------|
| Total water use and waste water | m3 | 3,993 | 5,044 | 4,949 | -1 % | 23 % |
| Relative water use and waste water | litres per Visitor | 31 | 39 | 46 | 18 % | 49 % |
| Water use | m3 | 3,993 | 5,044 | 4,949 | -1 % | 23 % |
| Waste water | m3 | 3,993 | 5,044 | 4,949 | -1 % | 23 % |

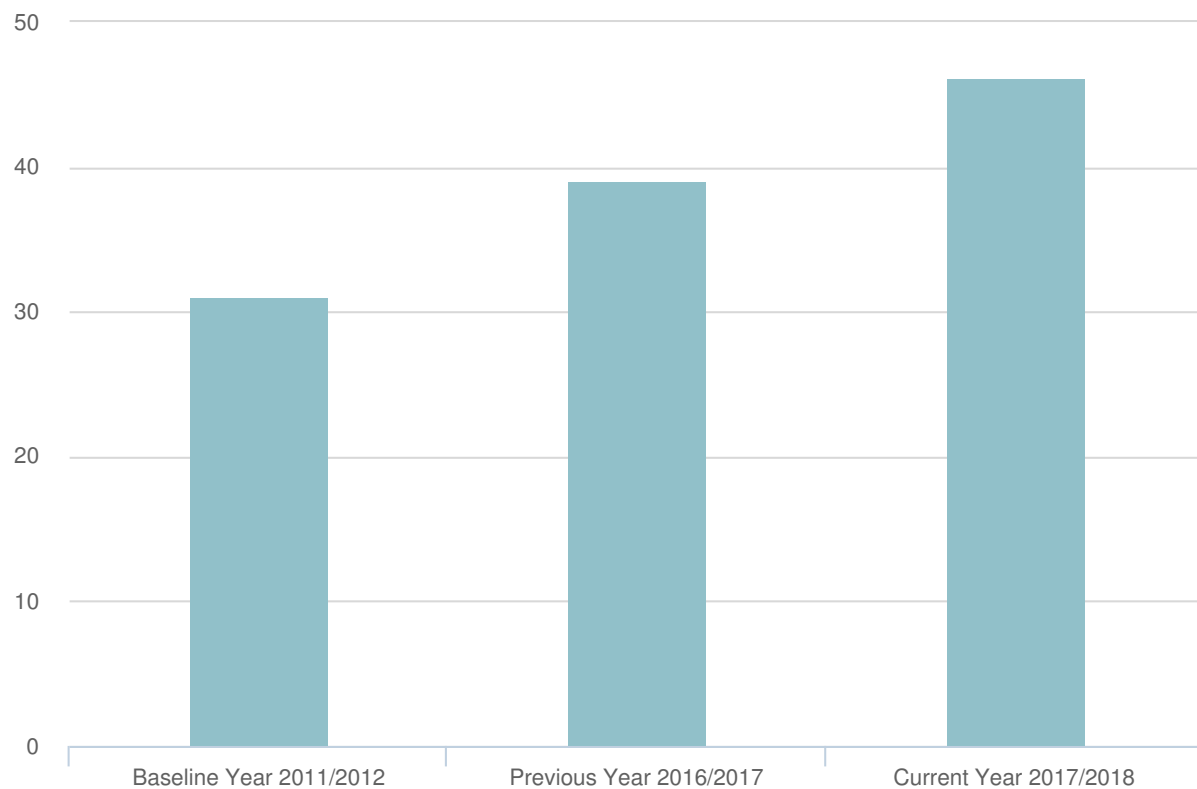
Water use (m3)





WATER USE

Water use (litres per visitor)

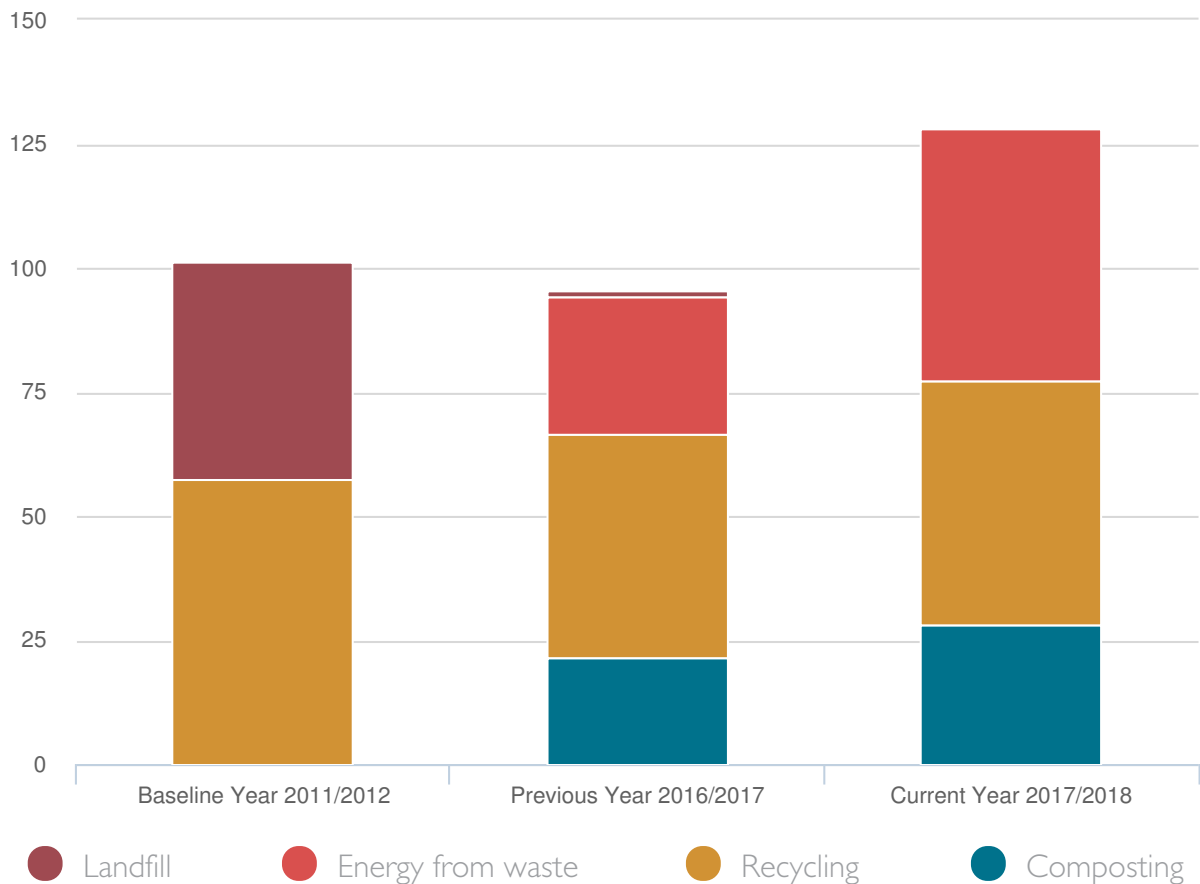




WASTE GENERATION

| WASTE | UNIT | BASELINE YEAR 2011/2012 | PREVIOUS YEAR 2016/2017 | CURRENT YEAR 2017/2018 | % CHANGE CURRENT VS PREVIOUS | % CHANGE CURRENT VS BASELINE |
|-----------------------------|----------------|----------------------------|----------------------------|---------------------------|---------------------------------------|---------------------------------------|
| Waste generation - absolute | tonnes | 101 | 95 | 128 | 34 % | 26 % |
| Waste generation - relative | kg per Visitor | 0.8 | 0.7 | 1 | 61 % | 52 % |
| Landfill waste | tonnes | 44 | 1 | 0.0 | No data | No data |
| Energy from waste | tonnes | 0.0 | 28 | 51 | 83 % | No data |
| Recycling | tonnes | 57 | 45 | 49 | 9 % | -14 % |
| Composting | tonnes | 0.0 | 21 | 28 | 31 % | No data |

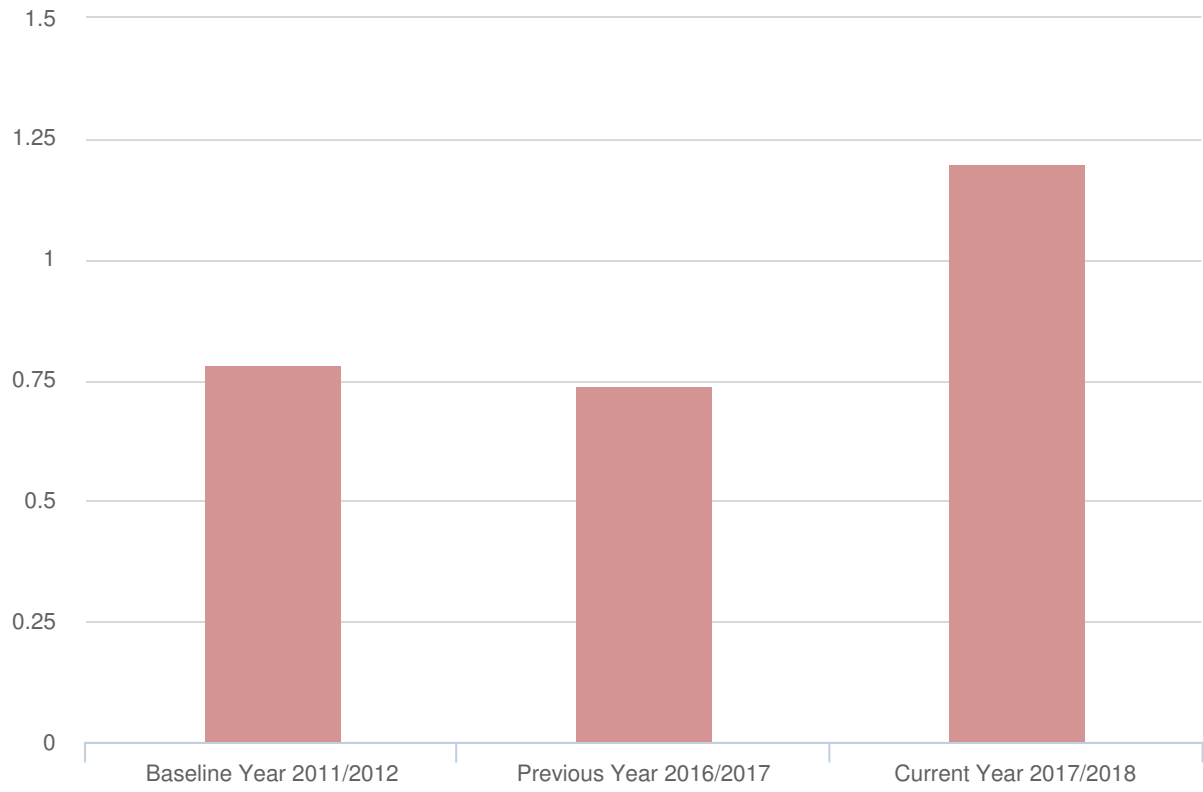
Waste (tonnes)





WASTE GENERATION

Waste (kg per visitor)

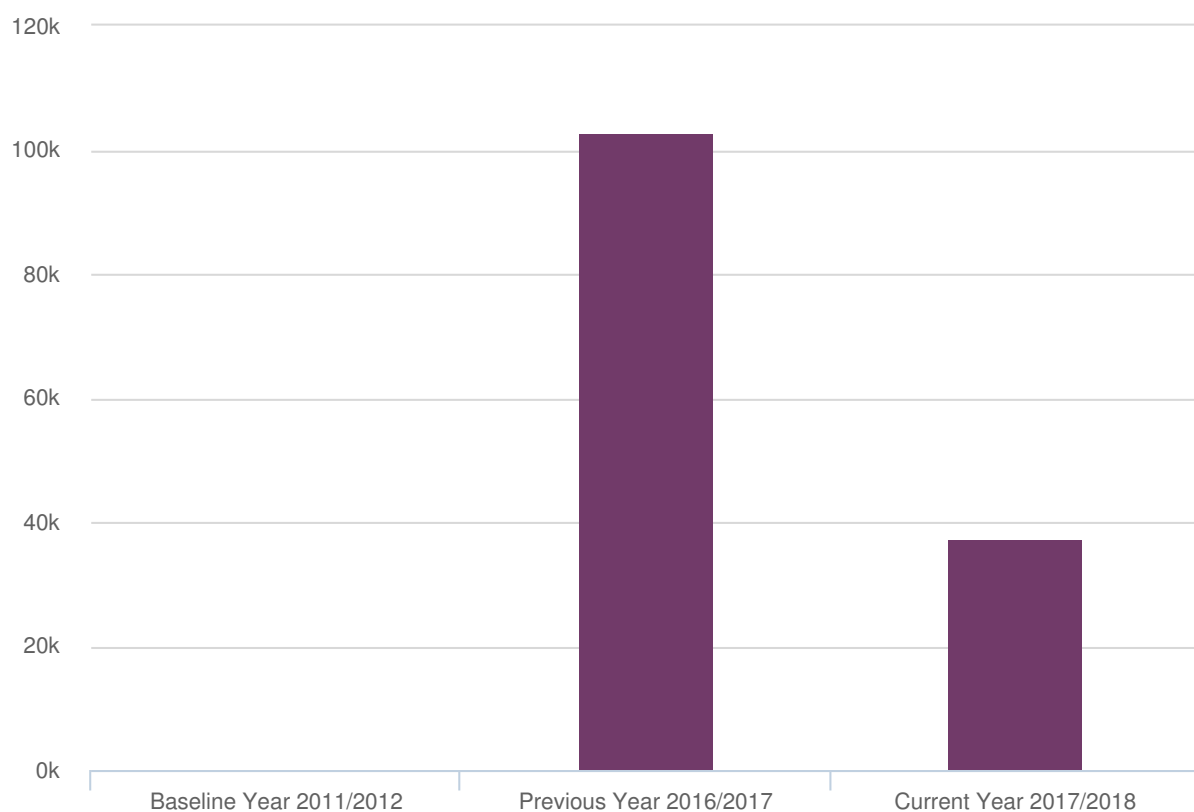




TRANSPORT RELATED EMISSIONS

| TRANSPORT RELATED EMISSIONS | UNIT | BASELINE YEAR 2011/2012 | PREVIOUS YEAR 2016/2017 | CURRENT YEAR 2017/2018 | % CHANGE CURRENT VS PREVIOUS | % CHANGE CURRENT VS BASELINE |
|----------------------------------------------|----------------------|-------------------------|-------------------------|------------------------|------------------------------|------------------------------|
| Total transport related emissions - absolute | kg CO2e | 0.0 | 102,786 | 37,423 | -63 % | No data |
| Total transport related emissions - relative | kg CO2e per Employee | 0.0 | 2,056 | 693 | -66 % | No data |
| 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 | 0.0 | 0.0 | 12,929 | No data | No data |
| | kg CO2e | 0.0 | 0.0 | 605 | No data | No data |
| Taxi - regular | km | 0.0 | 1,408 | 1,650 | 17 % | No data |
| | kg CO2e | 0.0 | 321 | 361 | 12 % | No data |
| Flight - shorthaul | km | 0.0 | 23,376 | 2,175 | -90 % | No data |
| | kg CO2e | 0.0 | 3,859 | 345 | -91 % | No data |
| Flight - longhaul | km | 0.0 | 670,456 | 205,662 | -69 % | No data |
| | kg CO2e | 0.0 | 98,410 | 36,113 | -63 % | No data |

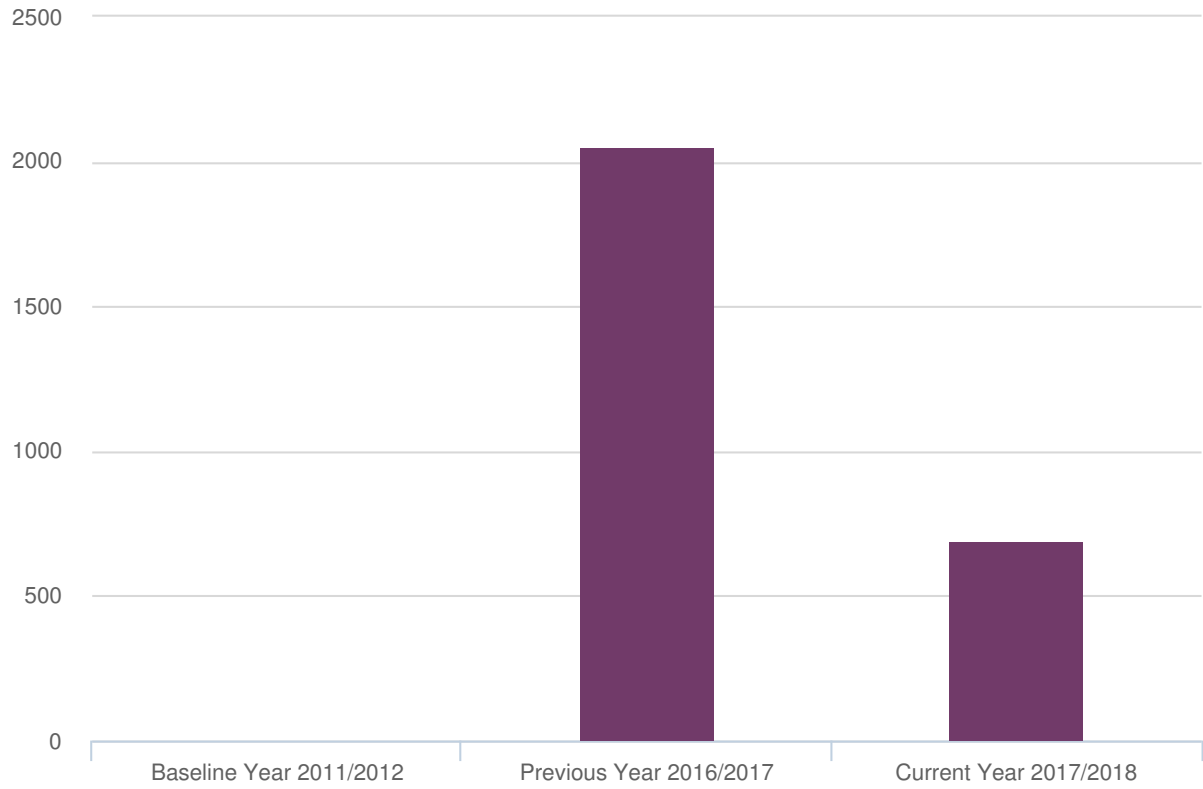
Transport emissions (kg CO2e)





TRANSPORT RELATED EMISSIONS

Transport emissions (kg CO₂e per employee)





Julie's Bicycle
SUSTAINING CREATIVITY

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#creativegreen