



Sustainability Annual Report 2022-23

5th January 2024

Updated August 2024 – added KPIs

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1. Environmental Sustainability Plan

Current Environmental Sustainability Plan approved in Feb 2021, focus on operational impact



Environmental Management

On-Track



Our Goals

Maintain ISO 14001 and ISO 50001 certification

Reduce pollution risk

Maintain compliance with environmental legislation and other requirements

Our Performance 2022/23

Achieved – maintained certification

Achieved – zero pollution incidents

Achieved – zero major non-conformities related to compliance

Our Progress

- Estates Team: Carbon and Energy Manager April 2023, Environmental Sustainability Manager September 2023
- EEMS Internal audit July 2023 and external ISO Surveillance audit September 2023



2023/24 Plans

- Maintain ISO certifications
- Review scope (currently Estates)

Energy, Water and Carbon

On-Track



Our Goals

Net Zero Carbon by 2038

Improve energy efficiency –155kW/m² by 2030

Reduce water consumption – 20% reduction from 2018/19 by 2025

Our Performance 2022/23

On Track – 69% reduction since 2005/6

On Track – 171kW/m², 19% reduction since 2016/17

On Track – 16% reduction since 2018/19

Our Progress

- PSDS funded decarbonisation project Clifford Whitworth (forecast 95% reduction in carbon)
- 4No PV schemes on campus: New Adelphi, NERIC, SEE and Clifford Whitworth (and small panels on Z House and outside Cockcroft). In August 2023 accounted for 1.4% of campus electricity use.
- Building Management System and data points improvements: ~£250k energy savings identified between April and Sept 2023

2023/24 Plans

- Progress Buildings Decarbonisation Plan (Final draft due April 2024)
- Develop Net Zero Carbon Tool
- Continue energy efficiency through gain share model
- Align with sector Standardised Carbon Emissions Reporting Framework
- Establish Science Based Target when framework available
- Maintain Scope 3 emissions reporting and consider target setting

Waste

Behind Schedule



Our Goals

Reduce waste disposal – 12% reduction from 2018/19 by 2025

Increase waste recycled – 65% by 2025

Eliminate avoidable single use plastics

Our Performance 2022/23

Achieved – 59% reduction since 2018/19

Behind Schedule – 48%

Not Achieved – progress made but data not available

Our Progress

- Limited due to resources

2023/24 Plans

- New waste reduction and recycling targets based on sector benchmarks
- Improved communications and engagement
- Implementation of food waste recycling across campus
- Single use plastic action plan and reporting development
- Circular economy opportunity assessment - reuse

Travel

Behind Schedule



Our Goals

Improve facilities for cyclists on campus: 500 cycle spaces by end 2023/24

Support use of EV by staff and students: increase number of EV charge points

Increase use of EV on campus by Estates: 20% of Estates fleet EV by end 2025

Our Performance 2022/23

Behind Schedule – 379

Achieved – 9 public maintained

Achieved – 10 Estates electric vehicles (40%)

Our Progress

- E-bike hire scheme continued
- Funding obtained for additional e-cargo bike
- Increase in Estates EVs
- Cycle Friendly Employer Gold Award



2023/24 Plans

- Establish Sustainable Travel Group
- Travel Survey
- Car Park Management Strategy development
- EV Charging Strategy development
- E-Bike Hire scheme review and proposal for continuation
- Business Travel

Sustainable Purchasing

At Risk



Our Goals

To develop and apply an ethical and sustainable procurement system to ensure social and environmental impacts of purchases are appropriately considered

- Achieve flexible framework Level 4 in all areas
- All estate tender evaluations to include sustainability

Our Performance 2022/23

Not Achieved – no progress

At Risk – some excellent examples but improved monitoring required

Our Progress

- Some good examples of sustainability in Estates purchasing to use as case studies across University

2023/24 Plans

- Continue Estates engagement and monitoring
- Develop and launch University Responsible Procurement Strategy
- Continue engagement with EDI team

Sustainable Construction

On-Track



Our Goals

All construction projects to meet sustainable construction policy requirements

Our Performance 2022/23

Achieved – SSEE, NERIC and EH2 all achieved BREEAM Excellent and all electric with some PV

Our Progress

- Sustainable Construction Policy aligns with Salford Crescent Masterplan Sustainability Strategy and GMCA position
- Tenders all evaluated on their sustainability responses
- Ongoing close consultation with current capital projects
- Sustainability team attend progress & stakeholder consultation meetings

2023/24 Plans

- Sustainable Construction Workshop with Capital Projects Team
- Sustainability Office representation at Project Boards
- Increase engagement with smaller projects
- Increase focus of Net Zero Carbon
- Post Occupancy Evaluations

Biodiversity

Behind Schedule



Our Goals

Protect and enhance the natural habitats and biodiversity on the University estate (Policy Commitment)

To maintain Green Flag status (Objective)

Our Performance 2022/23

At Risk – loss of green space on campus

Achieved



Our Progress

- Gold Hedgehog Friendly Campus Award Feb 2023
- Successful Green Flag Award Jul 23
- Community Growing Space in regular use
- 650 Trees Planted but green spaces will be lost with GMIoT and Residences Projects

2023/24 Plans

- New more ambitious objectives to be set around protection / enhancement of green spaces and biodiversity
- Platinum Hedgehog Friendly Campus
- Development of Landscape & Biodiversity Policy Statement

Community Engagement

Behind Schedule



Our Goals

Increasing engagement with students and staff at the University with sustainability

Increasing the influence of the Green Impact initiative at the University

Our Performance 2022/23

Not Achieved – 1107 engagements compared to target of 1500

On Track – programme relaunched

Our Progress

- 74 events, 15 guest lectures and live briefs, 5 student projects
- Green Impact: number of teams increased from 3 to 6
- Student projects: 2 placements, Climate Café, Wildlife Documentary live brief, Plastic Free UoS art project (+ 5 events run by students)
- Increased number of on-campus events, including bi-weekly litter picks
- Successful Go Green Salford 2023: 25 in-person events, 100-200 attendees)

2023/24 Plans

- Green Impact: further increase in number of teams
- Further increase in reach and engagement
- Increase in engagement with the School of Health and Society
- Increase in engagement with the Plastic Free UoS campaign
- Develop relationship with the SU
- Support the ESD work (Responsible Futures)

Teaching, Learning and Research

On Track



Our Goals

Continuing to share our environmental sustainability experience and challenges through guest lectures

Offering our environmental sustainability challenges as live briefs for students

Encourage and support the implementation of a living laboratory on the campus showcasing sustainability solutions

Our Performance 2022/23

Achieved – 15 guest lectures and live briefs, 5 student projects

Ignition Living Lab ongoing

Our Progress

- Continued link with operational sustainability and teaching, learning and research where possible
- Appointment of Sustainability Innovation Manager and Education for Sustainable Development Officer posts

2023/24 Plans

- Develop Education for Sustainable Development strategy aligned with the SOS-UK Responsible Futures framework
- Review opportunity to establish a decarbonisation living lab
- Consider submission to Times Higher Impact Ranking to showcase sustainability impact

2. Environmental Sustainability Highlights 2022-23



University of
Salford
MANCHESTER



Maintained a 70% reduction in scope 1 and 2 carbon emissions since 2005/6



19% improvement in energy efficiency
(kWh/m²) (from 2016/17)



48% waste recycled
59% reduction in waste
(kg per staff & student FTE)
(from 2018/19)



9th place

3. Clifford Whitworth Building Decarbonisation



- Boiler replacement with Air Source Heat Pumps
- Whole building approach - fabric improvements to reduce heat demand, upgraded controls for heating, ventilation and cooling, lighting controls and upgrades
- Solar photovoltaics on the roof



Carbon Savings
150 tonnes/year



Financial Savings
£30,000/year

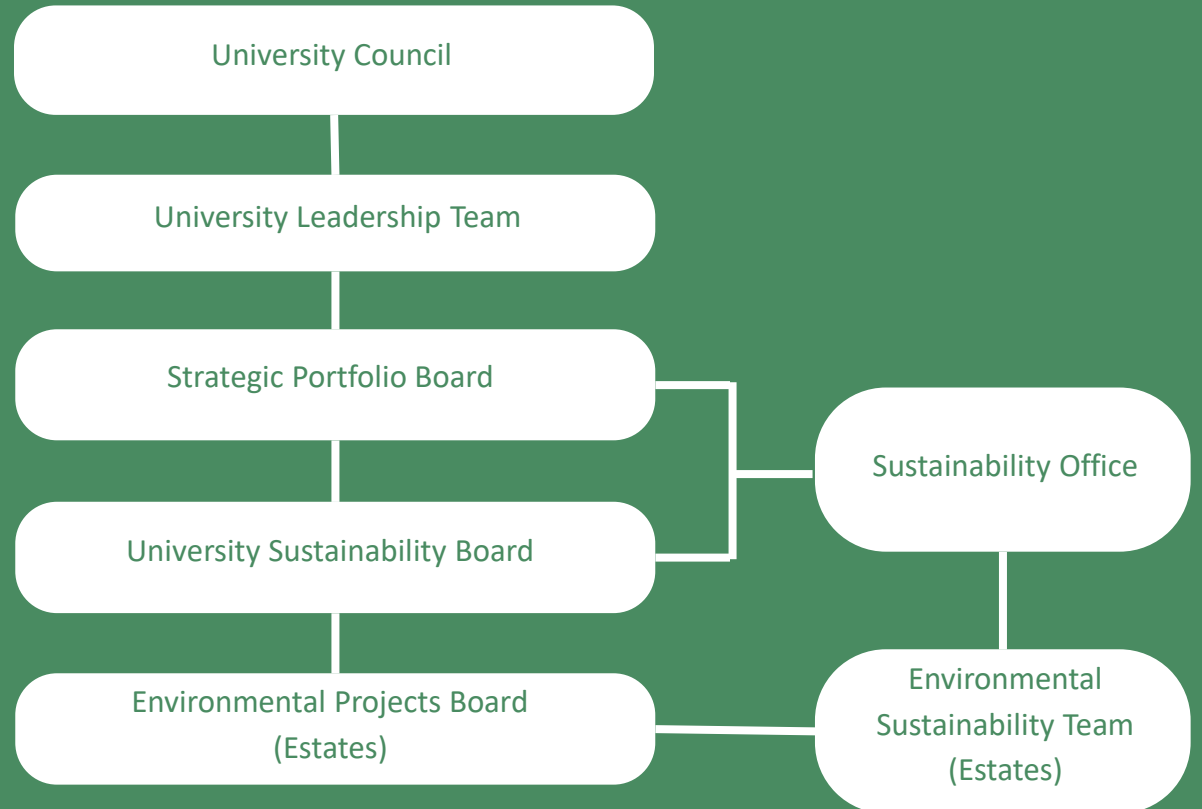


Net Zero

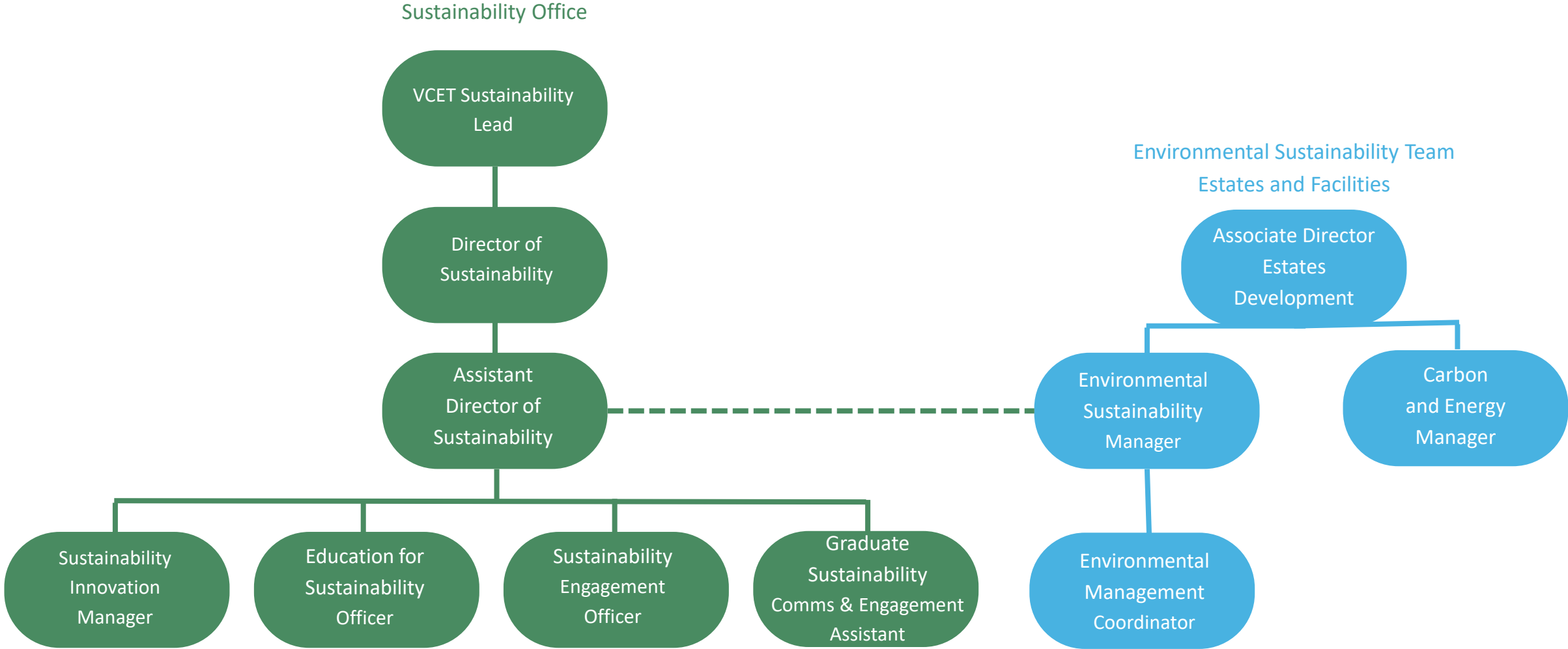
Carbon by 2038

4. Sustainability GOVERNANCE update

- University Leadership Team
Overall oversight
- Strategic Portfolio Board
Reporting and oversight
- University Sustainability Board
Reporting, prioritisation and strategic delivery
- Environmental Projects Board
Campus operations sustainability delivery



4. Sustainability GOVERNANCE update: Team structure



5. Sustainability Strategy FRAMEWORK

There are three layers to our proposed strategy - determined by the level of direct impact they have on the environment and the level of control the University has in driving delivery. This is not exhaustive in terms of issues and activities but gives an indication of the types of activity under each strand.



Sustainable Campus

- Campus Plan
- Capital Projects
- Building Operations
- Waste Strategy
- Travel
- Environmental & Energy Management
- Sustainable Procurement
- Living Lab



Sustainable Impact

- Education for Sustainability
- Research & Innovation
- Partnerships
- Discussion & Events
- Communications & Outreach
- REF



Sustainable Communities

- Training, Advice & Support
- Initiatives & Campaigns
- Signposting
- Community Projects

Embed sustainability
into business as usual

Ensure policies and procedures
support sustainable choices

**Our
Delivery
Principles**

Recognise and
enable good practice

Provide the right
tools and resources

6. Sustainability Strategy PRIORITIES

Action	Owner	22/23	23/24	24/25	25/26	26/27	27/28
Sustainability Strategic Refresh	SO						
Net Zero Carbon Roadmap and Delivery Plan	SO						
Sustainable Construction Policy Refresh and Campus Masterplan Sustainability	SO/Estates						
Solar Photovoltaics Business Case and deployment	Estates						
Sustainable Procurement Plan	SO/Procurement						
Sustainable Travel Plan Refresh (inc Car Park Management Strategy)	Estates						
Climate Resilience and Adaptation Plan	SO/Estates						
Responsible Investment Policy	SO/Finance						
Sustainability in University Projects Toolkit	SO/PMO						
Education and Research for Sustainability Strategy	SO						
Sustainability Engagement and Outreach Strategy	SO						
Carbon Literacy Review and Implementation	SO						
Environmental and Energy Management System	Estates						

Development	
Implementation	
Review	




7. Sustainability Risks









7. Sustainability Risks		Risk Level (after mitigation)
Business Resource	Insufficient business resource available to deliver sustainability related actions and projects. This relates to the Sustainability Team and from the resource dependencies from the wider business.	Medium
Communications and Engagement	Poor communication and engagement leading to lack of buy in, support and ability to land individual project and wider programme benefits	Medium
University Reputation	University not meeting sustainability commitments e.g. GMCA Net Zero Carbon commitment, Single Use Plastics pledge	Low
Non-compliance	Not complying with environmental legislation	Medium
Impacts of Climate change on the institution	Climate change impacts forecast e.g. increased rainfall and extreme weather events, could disrupt University business operations such as travel to/from the University, building use, business travel, international student travel etc	High
Technology and infrastructure	Constraints on implementation of low carbon technologies and activities resulting in lack of progress with net zero targets	Medium
Scope 3 Carbon	University not meeting scope 3 carbon objective	Medium

Sustainability Strategy CONSULTATION

- Sustainability Position Paper Feedback
- Encourage ideas, debates and discussion
- Direct feedback
- [Feedback questionnaire](#)



Objective	Key Performance Indicator	Baseline year	2020-21	2021-22	2022-23	Target/date	Performance 2022/23
Environmental Management							
 Maintain ISO 14001 and ISO 50001 certification	ISO 14001 and ISO 50001 certification	N/A	Maintained certification	Achieved re-certification	Maintained certification	Maintain certification	Achieved
 Reduce pollution risk (emissions & discharges) to land, water and groundwater	Number of pollution incidents	N/A	0	0	0	0 annually	Achieved
	Number of major non-conformities related to a breach in compliance obligations	N/A	1	1	0	0 annually	Achieved
Energy, Water & Carbon							
 Net Zero by 2038	% reduction of scope 1 and 2 carbon emissions	2005/06 19,095t	-71%	-71%	-69%	81% reduction by 2030 Net Zero by 2038	On Track
 Improve energy efficiency	kWh energy consumed per m2 gross internal floor area	2016/17 212kWh/m2	169 kWh/m2	185 kWh/m2	171 kWh/m2	155kWh/m2 by 2030	On Track
 Reduce water consumption	L of water used per staff & student FTE (% reduction from baseline shown)	2018/19 3.55L/FTE	-52%	-10%	-16%	20% reduction by 2025 from 2018/19	On Track
Waste Management							
 Reduce waste disposal	% reduction in waste from baseline	2018/19 661t	-69%	-50%	-59%	12% reduction by 2025 from 2018/19	Achieved
 Increase waste recycled	% waste recycled	2016/17 38%	44%	47%	48%	65% by 2025	Behind Schedule
 Eliminate avoidable single use plastics	Number of avoidable single use plastics removed	2019/20	N/A	Data not available	Data not available	Target to be reviewed so measurable	Not Achieved

Objective	Key Performance Indicator	Baseline year	2020-21	2021-22	2022-23	Target/date	Performance 2022/23
Sustainable Procurement							
 Develop and embed sustainable purchasing policy in Estates	Flexible Framework Self Assessment All Estates tender evaluations to include sustainability	2016/17	65% complete	65% complete	65% complete	Meet level 4 in all areas of the Flexible Framework	Behind Schedule
Sustainable Construction							
 Ensure sustainability considered within construction through implementation of the sustainable construction policy	% of construction projects meeting sustainable construction policy requirements	2018/19	100%	75%	100%	100% of construction projects meeting sustainable construction policy requirements	Achieved
Travel & Transport							
 Improve facilities for cyclists on campus	Number of cycle parking spaces	2016/17 410	362	379	379	500 cycle parking spaces on campus by end 2023/24	Behind Schedule
 Support use of Electric Vehicles by staff and students	Number of Electric Vehicle charge points on campus	2016/17 6	6	5	9	Increase number of EV charge points on campus by 2025	Achieved
 Increase use of Electric Vehicles on campus by Estates	% Electric Vehicles in estates fleet	2016/17 0%	0%	19%	41%	20% of Estates fleet by end 2025	Achieved
Community Engagement							
 Increase influence of Green Impact at the University	Number of staff/students influenced in Green Impact	2016/17	Programme deferred	Programme relaunched	Programme relaunched	Increase in number of staff/students influenced	On Track
 Increase engagement with staff and students at the University with sustainability	Number of staff/students engaged with sustainability campaigns & events	2019/20 1,378	1,499 +9%	3276 +119%	1107 -66%	Increase in number of staff/students engaged	Not Achieved
Biodiversity							
 Maintain Green Flag Award	Green Flag Award	2018/19	Green Flag Achieved	Green Flag Achieved	Green Flag Achieved	Maintain Green Flag Award annually	Achieved



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