



Sustainable Development

Annual Report 2019/20



Contents

Introduction by the London Fire Commissioner	3
1 Introduction	4
Policies and Plans.....	4
Key Achievements for 2019/20	4
Our Performance	4
2 Prevention, Protection, Response	6
Key Initiatives.....	6
3 Health, Safety & Wellbeing	7
Key Initiatives.....	7
4 Equalities and Inclusion	8
Key Initiatives.....	8
5 Climate change and environment	9
Key Initiatives.....	9
6 Economic Value	10
Key Initiatives.....	10
7 Ensuring that sustainability runs through all our activities	11
Key Initiatives.....	11
Appendix A: Environmental Data Summary	12
Appendix B: Sustainability Legislation Changes.....	15

Introduction by the London Fire Commissioner



I am pleased to introduce my first sustainable development annual report as the London Fire Commissioner. I'm acutely aware that this year's report reflects the ongoing good progress the Brigade has made over many years on the Sustainability agenda. Regardless, there is still improvement to be made in areas such as carbon, air quality and inclusion. Climate Emergency Declarations and the impact of air quality on COVID-19 patients has demonstrated the scale and importance of those challenges. For this reason I have tasked my teams with providing me with more frequent updates on our progress on existing plans and strategies that address air quality and carbon. This will enable me to provide the support required to achieve our targets.

Protecting Londoners is our primary focus for improving the sustainability of the community we serve. I am proud to say that last year we delivered our one millionth Home Fire Safety Visit, and saw a 10 per cent reduction in the number of fires we attended on the previous year. To protect Londoners to our best ability, our intake of trainee fire fighters must represent the communities we serve. Whilst I'm pleased that our intake of women doubled from last year, and we saw increases in those from the Black, Asian and Minority Ethnic Groups, we are still some way short of representing London's diversity. That is why our Togetherness strategy is at the top of my priority list.

We know that air quality is a key challenge for London, affecting the health of us all, with Transport a major source of emissions. To address this we are working to replace our fleet with cleaner vehicles as quickly as we can. Currently 68 per cent of our fleet are ready for the Ultra Low Emission Zone extension in 2021. Achieving zero emissions for an emergency services fleet is a significant task, but one that we must take on to protect Londoners from the impacts of polluted air. As a result, this year we have invested in additional electric vehicle charging points, achieving 95 per cent coverage of fire stations, additionally, my fleet team are working on the longer-term challenge of introducing zero emission capable heavy vehicles.

We are now over half way to carbon zero, and on track for our first carbon budget. However, we know the challenge is getting tougher and more urgent, as the impact on our service continues to grow. Last year we saw an increase in flooding incidents and attended the fallout from significant storms, this follows the previous years spike in grass fires due to heatwaves. Reducing the other half of our emissions will be difficult, and we don't yet have all the solutions. I know our new Carbon Reduction Strategy gives us a solid plan to make further reductions over the next 5 years, I also expect my teams to be looking over the horizon to what comes next.

The impact of COVID-19 on our service and community cannot be ignored. Its impact will however be far more noticeable in the performance set out in next year's report, from the majority of our non-operational staff working from home, to taking on additional activities to support partner organisations and the wider community. I am proud of how our staff have stepped up to the challenges presented, as I expect they will to the challenge of recovery, and supporting a fair and inclusive recovery that tackles the climate emergency, air pollution and builds long-term, community-led resilience.

A handwritten signature in black ink, appearing to read 'Andy Roe'.

Andy Roe
London Fire Commissioner

1 Introduction

The London Fire Brigade (LFB) is run by the London Fire Commissioner. We are one of the largest firefighting and rescue organisations in the world, employing some 5770 people. We know that our continued prevention work such as carrying out Home Fire Safety Visits (HFSVs) help to reduced the number of fires across London. This year we attended our one millionth visit, meaning that approximately one quarter of the City's population have been visited. The advice and installation of smoke alarms provided by the Brigade saves lives and reduces the devastating impact fires can have on communities. Aside from fatalities, injuries and other health impacts, fires can also result in financial loss, pollution, and loss of resources impacting Londoners.

Policies and Plans

The [London Safety Plan 2017](#) sets out our plans for 2017-2021 to deliver against our corporate strategic aims: prevention and protection; response and resilience; and people and resources, which are supported by the underlying principles of inclusion, safety, sustainability, accountability and collaboration. Our [Sustainable Development Strategy 2016-20](#), (extended to 2021), sets out how we intend to deliver on that principle and lead the way on sustainable development within the UK fire and rescue service.

The LFB's core sustainability policy covers: sustainable development; environmental, social and economic pillars; and Responsible Procurement, covering social, economic and environmental issues, including ethical sourcing and whole life costing. We also have an overarching environment policy along with procedures covering the specific areas of energy conservation, waste management, pollution prevention and gardens. The Mayor's London Environment Strategy has set out the key actions to deliver through to 2050, which is supported by a more specific short term single environment plan for the LFB.

Key Achievements for 2019/20

- We completed our one millionth Home Fire Safety Visit, helping to keep Londoners safe and the number of Fires attended reduced by 10 per cent on 2018/19.
- Our latest intake of women as trainee fire fighters doubled from last year to 16.7 per cent.
- 68 per cent of our fleet are ready for Ultra Low Emission Zone extension and 95 per cent of our fire stations have electric vehicle charging points, supporting our move to fleet electrification.
- CO₂ reduction is down 52.9per cent from 1990, and on track for our first carbon budget and a reduction of 60 per cent by 2025.
- Our recycling rate has increased by 5 per cent to 67.8 per cent.
- Our second tier Small to Medium Enterprise spend increased, taking combined spend to 40.9 per cent



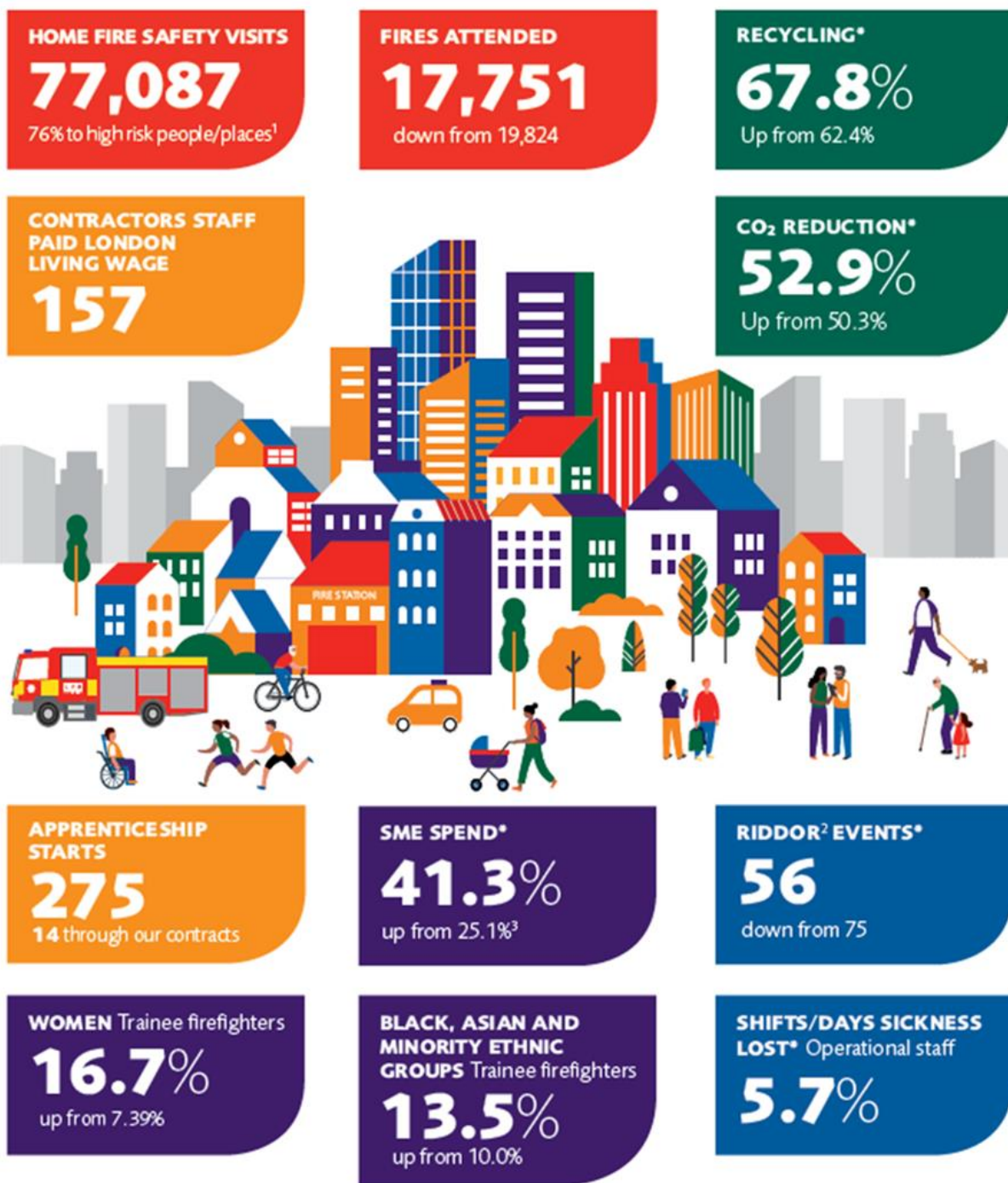
Our Performance

This report highlights performance against the objectives of our Sustainable Development Strategy and our sustainable development framework. More detailed performance data on Inclusion; Fire Safety; and Health Safety & Wellbeing, as well as previous years and at borough and ward level is available through the [London Data Store](#).

Our sustainability performance is summarised by 10 indicators on page 6. We are on target for 5 of the 8 core indicators that have targets.

The figures provided in the performance summary chart and the body of this report for sickness, safety and fires are annual performance compared to our 5 year direction of travel (▼, ▲, ►) which we consider, to be more appropriate measures to show trends in performance, the remainder are annual trends.

PERFORMANCE AT A GLANCE



KEY	Prevention, protection and response	Climate change and environment	Economic value
	Health, Safety and Wellbeing	Equalities and inclusion	

Comparison figures throughout this report are annual comparisons, other than fire related, which are on a five year trend unless otherwise indicated.

1 High risk people include those at greater risk of experiencing a fire or with reduced ability to escape a fire such as being over 60, a smoker, disabled, living alone, single parents with young children, living in social housing, drug and alcohol addictions, mental health issues and those living in social care or domiciliary care.
 2 Reporting of Injuries, Diseases and Dangerous Occurrences Regulations.
 3 Previously reported as 32.7%, corrected following identification of error against total spend.
 * Corporate indicators.

2 Prevention, Protection, Response

Our Objectives

1. Improve the safety and security of Londoners through our prevention and protection activities

**10 year average*

5 year average

Our Performance

- ✓ Time spent on community safety work by station staff: 11.4% ▼
- ✓ Home Fire Safety Visits (HFSVs): 77,087 ▼
- ✓ All fires attended: 17,751 ▼
- ✓ All fire deaths*: 49 ▼
- ✓ Injuries from fire#: 897 ▼

We know home fire safety visits and fitting smoke alarms save lives and reduces the number of fires and their devastating impacts on the community, and despite a drop off in time spent on community safety work, it remains above target. The Brigade continues to work with partners to raise awareness, identify high risk persons and provide a referral pathways for our prevention activity, with fires in the home falling by 8 per cent over the last five years. Fire related fatalities and injuries, continue to be influenced by the significance of the Grenfell Tower fire as they are averaged over multiple years.

Key Initiatives

- The Waltham Forest cycle team was launched in response to the Wanstead Flats wildfires, providing a visual presence, increased community engagement, fire safety advice and prevention work.
- After years of Brigade campaigns to lower the threshold for sprinklers in flats from 30 m, the Government held a public consultation to reduce it to 18 m, the Brigade continues to press for 11 m.
- Erith, Bexley and Sidcup fire stations worked with Bexley council to deliver over 50 HFSVs and fit arson reduction letterboxes to domestic abuse survivors, protecting them from the use of fire as a weapon.
- Our Juvenile Firesetters Intervention Scheme (JFIS) provided 1:1 tailored interventions to 154 children/young people and ran a pilot with Feltham Young Offenders Institute (18 to 21yrs), completing 706 visits by caseworkers and multi agency meetings to support the child and family.
- Over 300 volunteers supported the Brigade's 18 Fire Cadet Units, offering young people the opportunity to gain a BTEC qualification, develop teamwork skills and build confidence. At present we have 256 Cadets and 67 Officers, giving us a total of 323 young people currently attached to the Brigade.
- We reached 59,000 young people through school visits and 151,000 through youth engagement programs Junior Citizens and Crossfire in partnership with the Metropolitan Police and London Ambulance Service. These programs help young people to appreciate the dangers and consequences of playing with fire, and the importance of keeping the Brigade's crews available for real emergencies.
- We are now the go to commentator on product recalls thanks to our Total Recalls campaign and ongoing promotion of the Whirlpool recall of over 500,000 washing machines, affecting 1 in every 60 homes.

One million home fire safety visits

We passed a tremendous milestone in the summer, completing our one millionth home fire safety visit (HFSV) in London, this means that over a quarter of the City's population have received free advice and been helped to make their homes safer. The achievement makes the Brigade the first fire and rescue service in the country to give fire safety advice to one million homes and some two million residents.



3 Health, Safety & Wellbeing

Our Objectives

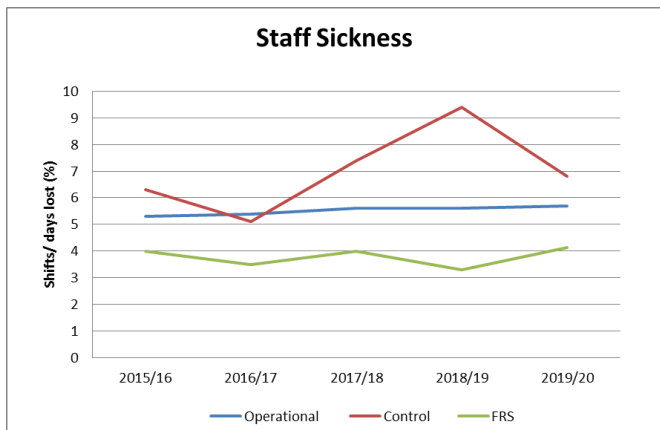
- 2. Protect and promote the health safety and wellbeing of our staff

Our Performance

- ✓ RIDDOR events: 56▼
- ✓ Vehicle Events: 434▼

Our staff are placed in stressful situations, posing risks to their physical and mental health. Health, safety and wellbeing are very important for us, to maintain a productive workforce that can provide a quality service.

- Stress, anxiety and depression (SAD) remains the main reason for sickness amongst all staff.
- Whilst the majority of illness associated with the Grenfell Tower response has been resolved, a number of employees continue to experience intermittent related sickness absence.



Key Initiatives

- Vehicle events dropped 12 per cent as a majority of drivers completed the Emergency Response Driving Revalidation course, reassessing driver skills and providing instruction in preventing accidental vehicle damage.
- Improved forced entry equipment and training materials were developed as forcing entry to premises at incidents was identified as leading to a significant number of more serious staff injuries. Injuries reportable to the Health and Safety Executive (RIDDOR) have reduced by 40 per cent over 5 years.
- To reduce the exposure of fire fighters to contaminants, the Salvation Army Canteen van that provides refreshments at larger incidents is now equipped with hand washing facilities.
- The Counselling and Trauma Service (CTS) are now part of the welcome day for new Firefighters, to ensure they are aware of, understand, and know what the service offers and how to access it. Additionally, mental health and wellbeing feature prominently in the Brigade's new Wellbeing Strategy.
- Our United MINDs support group held its first World Mental Health Day event for over 130 members of staff from across the Brigade and partner organisations. The key theme was 'Making the Invisible Visible' by creating a space to normalise mental health conversations, discuss tackling the stigma and signposting staff to key resources and support available to help them, including our CTS.
- Marking World Menopause Day, our Menopause Action Group held an event to raise awareness of the impact of menopause in the workplace, and how to better support colleagues dealing with the symptoms.



Prioritising Mental Health and Wellbeing

LFB ran its first 2 day Mental Health First Aid Training course, delivered by Mental Health First Aid England, in March 2020 for 16 members of staff. There have been over 120 expressions of interest in becoming an MHFA. 60 people are awaiting training that will recommence once the Coronavirus outbreak reaches a point where face to face training activities are permitted.

4 Equalities and Inclusion

Our Objectives

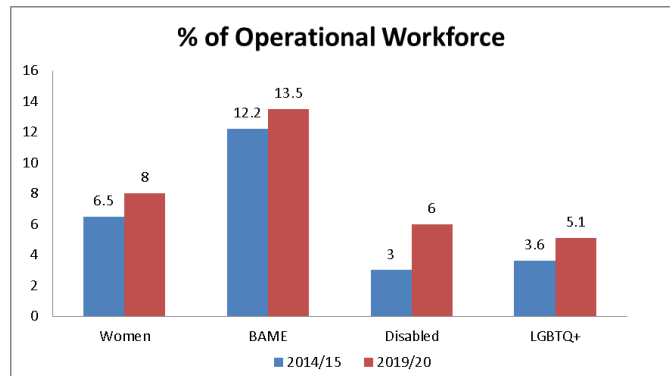
3. Developing a diverse and inclusive workforce, supported by a diverse and inclusive supply chain, serving diverse communities

Our Performance

- ✓ SME Invoices paid in 10 days: 97.2% ▼
- ✓ Spend with SMEs: 41.3% ▲

London is one of the most diverse cities in the world and we want our workforce as well as our suppliers to reflect this, with staff and suppliers from all backgrounds, regardless of race, gender, disability, sexual orientation, faith or religion and age.

- The latest recruitment drive attracted significantly more applications from under-represented groups than previously. With 40 per cent of applicants of Black, Asian and minority ethnic groups, 29 per cent women and 7.4 per cent LGBTQ+. Of the 565 applicants assessed, 275 were successful, including 103 (60 per cent) women, 96 (42 per cent) Black, Asian and minority ethnic groups applicants, and 53 (67 per cent) LGBTQ+ applicants, and 8 (35 per cent) disabled applicants.
- Our median gender pay gap narrowed to -2.84 per cent from the previous report of -4.62 per cent.
- Spend with SMEs increased significantly due to second tier SME spend on vehicle replacements.



Key Initiatives

- Newly appointed firefighters from underrepresented groups are now supported by being placed into inclusive stations, giving them the best chance to succeed in their careers.
- Partnering with IntoUniversity we supported 35 young people from disadvantaged backgrounds with Blue Light Experience, allowing them to see first-hand the opportunities available across the Brigade.
- 5 of our professional women joined the Mayoral initiative 'Our Time: Supporting Future Leaders', pairing them with senior managers for a year to tackle gender inequality by improving access to professional networks and opportunities to progress into leadership positions.
- We supported the 2019 Rip up the Dress Code campaign during Black History Month, to dispel the notion that black hair, in certain styles, is not professional, to support dress codes to be more inclusive of afro hair at all levels of business and education.

The book **'My Mummy is a Firefighter'** was launched at Soho Fire Station, as part of the ongoing campaign to promote women in the fire service.

London Pride: Staff from across the organisation marched alongside our rainbow #SaferTogether appliance in London's pride march, continuing the celebrations with an open day for the public at Soho Fire Station.



5 Climate change and environment

Our Objectives

4. Reduce our CO₂ emissions by 60 per cent from 1990 levels by 2025
5. Ensure that we have the capacity to respond to the challenges posed by climate change
6. Protect the environment from harm through emergency response and delivery of our service

Our Performance

- ✓ **CO₂ Reduction** 52.9% ▲
- ✗ **Onsite Renewable energy** 8.6% ▲
- **Water Consumption** 165,872m³ ▲
- ✗ **Recycling rate** 67.8% ▲
- ✓ **Zero Emission Capable Fleet** 14.3% ▲

Climate change affects the number and size of weather related incidents the LFB attends, and they can vary considerably from year to year. Flooding incidents were up 8 per cent on the previous year to 507. Firefighters dealt with 160 incidents in a 12 hour period in February 2020 due to storm Ciara, including damage to the gantry at Victoria Station, with nearly double the average number of calls to the Brigade's 999 control centre from this one event. Whilst grass fires decreased by almost a half to 2,264, following last years spike after the 2018 heatwave, and a Brigade's awareness campaign to educate the public on the dangers of grass fires.

Key Initiatives

- New flood response assets, including inflatable rescue boats, were used in training on the Thames, demonstrating the new capability to a group of our national tactical advisers.
- 86 fleet vehicles were replaced, ready for the ULEZ expansion, achieving 63 per cent compliance, with 9 zero emission capable.
- Inspecting Officers were provided with a refresher on the importance of environmental protection for businesses adjacent to Sites of Special Scientific Interest.
- 24 electric vehicle charge points were installed, to support fleet vehicles and encourage staff to choose cleaner vehicles, achieving 95 per cent coverage of fire stations, with 226 points across 102 sites.
- Solar Photovoltaics were installed at 8 fire stations and Combined Heat and Power units at 3, increasing onsite renewable energy generation.
- Cadets and Instructors from Havering & Dagenham planted new trees at Braidwood Forest, improving biodiversity with Dogwood, Silver Birch, Hawthorn and Wildcherry.



Environmental Management System (EMS)

Two stations dropped from an excellent to good degree of control, all remain at minimum acceptable or better. Minor findings related to a lack of spill kit, and hazardous waste storage. Two Department audits were postponed due to Covid -19.

		Degree of Control	Stations*	Depts.*
High	5	Excellent	3 ▼	2 ►
	4	Good	7 ▲	2 ►
	3	Minimum Acceptable	2 ►	0 ►
	2	Poor	0	0
Low	1	Unacceptable	0	0

Further environment and climate data is detailed in [Appendix A](#), and relevant environmental regulatory changes and our response are detailed in [Appendix B](#)

EMS Certificate No. 611954



6 Economic Value

Our Objectives

7. Support skills and employment for Londoners through the provision of apprenticeship opportunities
8. Support businesses in understanding the economic impact and risks of fire and encourage businesses to undertake contingency planning
9. Continually improve the social value obtained from the public money we spend

Our Performance

- **275 LFB apprenticeships**
- **14 through contracts**
- **3 Job starts through contracts**
- **157 Contractors staff paid the London Living Wage**
- ✓ **Mayor's financial savings target: £3.4m**

Economic value encompasses more than just balancing budgets, it's about ensuring that we obtain best value for the public funds we spend in providing our service to the public. That means striving to provide more for Londoners through the things we buy and who we buy them from, ensuring that that our staff and our contractors staff a treated fairly, ethically and are afforded opportunities to prosper, in particular supporting the more vulnerable members of our community. It also means supporting the businesses we engage with through Fire Safety to improvement their approach to risk management to help them prosper for longer.

Key Initiatives

- A further 275 trainees started on the Firefighter apprenticeship scheme.
- We continue to require all our contractors to pay their staff working on our premises the London Living Wage or higher, meeting the Living Wage Employer terms as a Living Wage Employer.
- Monitoring supply chain compliance with the Modern Slavery Act (2015), shows all key suppliers are compliant, compared to the national average of 79 per cent.
- As affiliates of Electronics Watch, we included terms and conditions in our Hardware Maintenance contract, allowing them to monitor our suppliers to improve compliance with labour rights and safety standards in the electronics sector.
- Supporting a STEM (Science, Technology, Engineering and Maths) careers event at Sandhurst Military Academy, we promoted STEM related roles in the fire service such as fire safety, Urban Search and Rescue, fire engineering and drone teams.
- Firefighter charity donations far exceeded previous years with a £51.9k contribution from EAKO as a result of sales of their products made from our redundant fire hose, and £12k from LMB resulting from 55 tonnes of clothing donated through textile recycling bins based at fire stations.



7 Ensuring that sustainability runs through all our activities

Our Objectives

- 10. Support our staff to ensure that sustainability runs through all our activities

Our Performance

- A level projects¹ completing SDIAs: 79% ▲
- Policies completing SDIAs²: 99% ▲
- Green Champions: 356 ▲

Our Sustainable Development Impact Assessment (SDIA) process provides assurance that the LFB is meeting its legal obligations, and complying with LFB and Mayoral targets, policies and strategies to reduce environmental impact and deliver more sustainable outcomes. This forms part of the controls of our certified EMS. The levels of SDIA compliance has increased for policies and has increased by 9 per cent, this is a result of increased communications between the Sustainable Development team and Project Managers.

Key Initiatives

- 66 stations from 8 UK Fire Services participated in the third Energy Savers competition. Three LFB stations placed in the top 20, led by Chelsea for London with an overall energy saving of 26.4 per cent.
- Our Headquarters café introduced further measures to reduce single use packaging: 'Disposable Cup free Wednesdays', cut out 200 cups a day; event catering introduced recyclable sandwich platters; single use sachets were removed; and small events use glasses and crockery rather than disposables.
- 26 staff collected 15 bags of waste from a Thames beach with our waste contractor, raising awareness, and reducing plastic pollution by collecting small and microplastics that endanger aquatic and birdlife.
- 294 staff were helped to start or continue cycling to work through Ride to Work, a 3 fold increase.
- Gardens at 80 of our Fire Station's offer firefighters a place to unwind, supporting their wellbeing, local air quality, zero miles food and pollinators, 12 competed in 'Brigade in Bloom', with Norbury, Tooting (pictured) and Acton winning.
- Our Green Champion of the year salvaged 75 fire escape hood replacements, buckles, pouches, designed improved storage to avoid damage, minimise costs and preserve stocks of vital equipment; and co-ordinated the salvage of old boots, storage boxes and end of life hose reels, giving these materials a second life.



Environment Matters online induction

In collaboration with Avon & Somerset Fire Service, and endorsed by the Environment Agency, Fire Brigades Union and National Fire Chiefs Council, we developed the online Environment Matters guidance tool for the fire service, available to other fire services to adopt. Highlighting key environmental issues to new and existing operational and non-operational staff, and completed by 772 staff since its launch.

¹ Strategic projects with an A level governance

² Sustainable Development Impact Assessment

Appendix A: Environmental Data Summary

Buildings Resource Use Data	2015/16	2016/17	2017/18	2018/19	2019/20
Actual cost of energy (£m)	1.9	1.3	2.1	2.3	1.8
Total energy consumption (GWh)	34.9	38.2	38.0	36.8	35.7 ⁱ
Total floor area (m ²)	185,565	181,652	177,363	177,363	143,852 ⁱⁱ
Total energy intensity (kWh/m ²)	188.3	210.5	214.2	217.4	248.2
Electricity (GWh)	9.2	13.0	12.2	13.3	11.8
Gas (GWh)	22.9	25.2	25.8	23.5	23.9
Water Consumption (m ³)	94,849	94,277	127,995	99,967	165,872 ⁱⁱⁱ
CO ₂ (t)	9,802	10,165	9,927	8,083	7,359
Onsite renewable energy %	6.9	7.2	8.2	7.3	8.6
Onsite renewable energy kWp		731.9	757.1	847.7	847.7
CO ₂ reduction from buildings from 1990 % ^{iv}	-45.6	-43.7	-45.6	-55.0	-59.1%
Building Energy Ratings	2015/16	2016/17	2017/18	2018/19	2019/20
A	2	1	1	1	1
B	9	13	16	9	12
C	56	54	60	61	56
D	27	31	25	28	26
E	9	7	5	7	7
F	3	3	1	1	2
G	1	1	1	2	0
Not rated	0	2	0	1	0
Fleet Data	2015/16	2016/17	2017/18	2018/19	2019/20
Total No. LFEPAs vehicles	508	467	433	433	463
Diesel fuel frontline fleet (Mlitres)	1,158	1,563	1,165	1,448	1249.2
Petrol fuel frontline fleet (Mlitres)	-	-	10.5	25.7	23.0
% non road vehicles	1.6	3.9	1.9	1.8	2.2
% Pre-Euro to Euro II ^v	4.5	0.9	0.9	0.9	0.9
% Euro III	66.0	61.2	49.6	39.9	25.7
% Euro IV	22.4	9.2	9.5	8.2	6.7
% Euro V	5.5	9.0	9.7	8.2	3.2
% Euro VI		3.6	15.2	28.4	47.1
% Zero Emission Capable		12.2	13.2	13.4	14.3
Frontline fleet CO ₂ Emissions (t)	2,985	4,071	3,162 ^{vi}	3,804	4,006
Fleet Cars EV charging CO ₂ (t)		14.0	15.1	11.5	11.0
Grey fleet miles	617,963	688,459	602,704	813,721	450,694
Grey fleet CO ₂ emissions (t)	183.6	203.6	175.3	234.5	126.5
Air Travel	2015/16	2016/17	2017/18	2018/19	2019/20
Miles Travelled	329,169	839,669	501,898	288,403	167,541
CO ₂ from Air Travel (t)	86	112	94	53.5	45.8 ^{vii}
Total CO ₂	2015/16	2016/17	2017/18	2018/19	2019/20
Total CO ₂ (t) ^{viii}	13,057	14,566	13,359	12,175	11,412.6
Total CO ₂ reduction from 1990 %	-46.7	-40.5	-45.4	-50.3	-52.9

Waste & Recycling	2015/16	2016/17	2017/18	2018/19	2019/20
Mixed recycling (t)	671.6	422.1	408.5	326.6	298.9
Food waste recycled (t)	12.00	80.0	95.5	230.9	268.4
Waste to energy (t)	16.30	424.0	414.2	342	270.0
Waste to landfill (t) ^{ix}	2.99	2.8	0	0	0
Batteries recycled (t)	2.6	2.0	0.97	1.9	0 ^x
Textiles recycled (t)	1.20	1.98	1.62	2.7	1.28
Mobile phones recycled (volume)	925	0	0	0	TBC ^{xi}
Toner cartridges (volume)	1775	995	0	0	2277 ^{xii}
Hose recycled (t)	3.6	5.9	6.0	2.7	5.0
Fire Fighter Charity Donations (£k)	21.6	22	4.1 ^{xiii}	26.9	51.9
Recycling rate (%) ^{xiv}	95.6	54.1	54.9	62.4	67.8
Total Waste produced (tonnes) ^{xv}	722.3	929.0	926.8	899.4	837.3
Environmental Incidents	2015/16	2016/17	2017/18	2018/19	2019/20
Suspected Hazmat incidents	5101	5409	5659	5750	5395
HMEPO incident attendance	596	526	573	837	990
Weather related flooding	466	832	402	469	507
Grass fires	3589	3480	3284	4290	2264
Significant Spills at our premises	0	0	0	0	1 ^{xvi}
Near misses recorded at our premises ^{xvii}	0	2	1	0	1
Compliments and Complaints ^{xviii}	2015/16	2016/17	2017/18	2018/19	2019/20
Corporate Compliments	0	0	0	0	0
Corporate Complaints	0	0	0	0	1 ^{xix}

ⁱ Approximately one third of the gas consumption data from Barnet fire station is missing for January and February 2020.

ⁱⁱ Floor space decreased due to the sales of the former sites of Southwark Training Centre in 2018 and Mitcham fire station in 2019/20.

ⁱⁱⁱ Meter readings have been carried out by the current supplier to adjust previous years estimates provided by the previous supplier, whom read meters biannually. Water usage may have increased due to COVID-19 and additional cleaning and washing.

^{iv} CO₂ emissions are reported as absolute figures, when weather has a significant impact, weather corrected figures are also reported.

^v Figures are based on engine standard on registration only and do not reflect any modifications.

^{vi} Corrected to include electric vehicle charging emissions

^{vii} Reduction in air miles travelled is primarily as a result of further travel reductions by the NFCC team, who work on behalf of the UK Fire and Rescue Service.

^{viii} We report direct and indirect emissions from our buildings, fleet and air travel in line with the Greenhouse Gas Protocol (GGP) and the Mayor's London Environment Strategy.

^{ix} Waste and recycling for our Control centre was managed under a separate contract to our other sites prior to 2017/18.

^x Battery collection unable to occur due to COVID-19.

^{xi} Phones collected in previous years were stored for recycling under the next phone replacement. Recycling data is temporarily unavailable due to COVID-19.

^{xii} Used toner cartridges were stored for recycling due to low volumes prior to 2019/20.

^{xiii} EAKO undertook business investment to provide a more sustainable long term footing including additional employees, reducing profits and therefore donations in 2017/18 for hose recycling.

^{xiv} Our recycling rate refers to tonnes recycled through our waste and recycling contract, excluding hazardous waste. Our contractor operated a dirty Material Recovery Facility prior to 16/17, significantly increasing materials recycled, this approach was re-established in late 2018/19 under a new supplier.

^{xv} Total waste produced includes all materials disposed of through our waste and recycling contract.

^{xvi} During a vehicle equipment test, 90L of foam concentrate spilled onto the station yard due to a suspected blockage. Spill kit was used and the amount of foam entering the drain was limited to around 2L.

^{xvii} A near miss recorded on our premises is were a minor spill occurred and was contained

^{xviii} Specific to the environment theme.

^{xix} Complaint from a member of the public regarding sand used to absorb a fuel leak in the road, not been cleaned up, that subsequently soiled their vehicle.

Appendix B: Sustainability Legislation Changes

Below are details of the changes to legislation for 2019/20 with relevance to sustainable development and the LFB.

Legislation	Action taken
135 updates to environmental legislation and compliance were reviewed and assessed. There were no changes to LFB legal duties, with the majority of changes specific to the European Union exit regulations.	Nil required