Epsom's infamous murders

Epsom has witnessed several notable murder cases throughout the 20th century. These incidents, though tragic, have become part of the town's history.

Epsom is best known for its racing heritage, Georgian elegance and green Surrey charm — but it also holds its share of darker history. Between 1901 and 2000, the town was the site of several shocking murders that unsettled its sense of peace and left a permanent imprint on local memory. Here are three of the most notable.

The 1919 Epsom Riot and the Death of Station Sergeant Thomas Green

On the night of **17 June 1919**, only seven months after the Armistice, Epsom found itself in the grip of a riot that had little precedent in the town's history. The trouble came not from locals, but from **hundreds of Canadian soldiers** stationed at nearby Woodcote Park Camp. Frustrated by delays in repatriation after the end of World War I, the men — many of them battle-hardened veterans — were increasingly restless.

After one of their own was arrested during an earlier pub disturbance, a crowd of between **300 and 800 soldiers marched on Epsom Police Station**, demanding his release. Violence broke out, and **Station Sergeant Thomas Green**, a 51-year-old veteran officer and father of five, was struck on the head by a wooden post and seriously injured. He died the next day in hospital.

The aftermath shocked the country. Seven Canadian soldiers were tried at the Surrey Assizes. Though the **murder charge was dropped** and replaced by manslaughter, to avoid the risk of the diplomatic nightmare of execution, they were convicted only of **riot** and received sentences of **one year in prison**. But due to diplomatic sensitivities — and the fact that Britain was hosting Canada's forces — most served just a few months before being quietly released.

To this day, Green is commemorated locally. A **blue plaque** marks the site of the incident, and his grave lies in **Ashley Road Cemetery**. The riot remains a rare example of post-war military unrest spilling onto English streets — and one of the town's earliest 20th-century murders.

The 1930 Horton Lane Murder of Agnes Kesson

In June 1930, the peaceful lanes around Horton — home to several psychiatric hospitals at the time — became the scene of a macabre discovery. The **body of 20-year-old Agnes Kesson**, a young Scottish woman working as a waitress, was found dumped in a ditch beside Horton Lane.

Agnes had been living in Epsom while engaged to a man named **Robert Duncan Harper**, a local labourer with a reputation and a nickname: "**Scotch Bob.**" Initial suspicion naturally fell on Harper, especially as they were last seen together, and witnesses had allegedly overheard arguments. However, police found **no conclusive evidence**, and Harper was released.

Despite inquiries, door-to-door searches and press appeals, **no one was ever charged** with the killing. The murder gripped the town — not only because of its brutality but because of the location: Horton Lane was a route many walked daily, close to the sprawling mental hospital estates that added their own shadows to Epsom's identity.

Though largely forgotten now, the case remains **unsolved**, and Kesson lies in an unmarked grave. Local historians continue to investigate the files, hoping for fresh insight into what was then one of Surrey's most talked-about unsolved crimes.

The 1970 Murder of Ann Smith

On the morning of January 28, 1970, two stable lads from Treadwell Stables, Noel Flanagan and Roger Harris, were exercising horses on Epsom Downs when they discovered the body of a young woman in a ditch near a footpath between Downs Road and Burgh Heath Road. The victim was partially clothed, and her tights and underwear were found nearby, but her shoes, handbag, and money were missing. She had been strangled, battered, and possibly raped before being transported to Epsom and dumped in the ditch.

The woman was later identified as 20-year-old Ann Smith (née Malone), who had been living in Crokerton Road, Tooting. She was separated from her 19-year-old husband, Thomas James Smith, and had a young son. A team of 40 detectives, led by Detective Chief Superintendent Ken Etheridge, investigated the case. Initially, police considered links to other cases, such as the

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Hammersmith Nude Murders and the Yorkshire Ripper investigation, but these connections were eventually dismissed.

Despite extensive efforts, the murder of Ann Smith remains unsolved. The case is documented in the National Archives under the reference: "A SMITH: victim of unsolved murder. Body discovered in a ditch on Epsom Downs on 28 January 1970."

The 1998 Murder of Lee Harris

The fourth is also the most chilling. In the early hours of **4 September 1998**, **Lee Harris**, a 30-year-old man, was asleep in his ground-floor flat on **Rutland Close**, near Longmead in Epsom. Around 1:30 a.m., three masked men forced entry. In a brutal attack, Harris was **stabbed multiple times and shot in the chest**. His girlfriend, who was also home, was unharmed but left traumatised.

Neighbours reported hearing screams and a car speeding away. Police said it appeared to be a **targeted attack**. Harris had no known serious criminal ties, and his family maintained he had no enemies. Despite a large manhunt, interviews with over 100 people, and ballistic and forensic analysis, **no suspects were ever identified**.

The murder of Lee Harris remains **officially unsolved**. It sent shockwaves through a community unused to such violence and still resonates today as one of Epsom's most disturbing modern crimes.

Final Thoughts

These four cases span different eras and different motives — military unrest, intimate violence, and possibly gang-related vengeance. But they share a haunting link: **none of the perpetrators were ever convicted of murder**. Each case remains incomplete, a story without justice.

Image: Sergeant Green's funeral, Epsom 1919 public domain

King's Award for Epsom based business

Penta Consulting, an Epsom-based provider of global technology talent and managed solutions, has been awarded the King's Award for Enterprise in International Trade 2025, one of the most distinguished honours for UK businesses.

The award recognises Penta's exceptional growth in international markets and its proven ability to deliver secure, compliant, and scalable solutions across the globe. This prestigious recognition places Penta among a select group of British companies demonstrating innovation, resilience, and commercial success on the international stage. Winners of the award were invited to a royal reception at Windsor Castle and gain the right to use the official award emblem for five years.

"This award is a testament to our people, our partnerships, and our passion for delivering results for our clients," said Paul Clark, Executive Chairman and Founder of Penta Consulting. "It reflects our team's dedication to delivering with expertise, integrity, and a global outlook."

Penta Consulting CEO Aminash Patel added:

"This has been our best year on record and we're in a great position to keep this momentum. We're proud of being recognised for our international business, but we also do everything we can to make an impact locally. We support Epsom Pantry, a local food bank, the Jigsaw Trust, and many other local causes. We're on an exciting trajectory, so we'd encourage anyone interested in technology job opportunities to continue to check our website."

The King's Award win comes as the latest recognition in an incredibly successful year for the Surrey business. Penta Consulting has also been recognised with several other accolades in the first half of 2025:

- Sunday Times Top 100 recognising Britain's fastest-growing companies
- Sunday Times Best Places to Work medium-sized business category
- London Chamber of Commerce and Industry SME Business Awards Best International Business and Overall



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Winner

About the King's Awards

The King's Awards for Enterprise were previously known as The Queen's Awards for Enterprise, and were renamed two years ago to reflect His Majesty The King's desire to continue the legacy of HM Queen Elizabeth II by recognising outstanding UK businesses.

About Penta Consulting

Penta Consulting delivers bespoke technology resource solutions to the global ICT industry. With 12 international offices, the company supports over 1,000 technical resources across more than 80 countries. Specialising in digital transformation, cloud, and AI, Penta's core services include Professional Services, Managed Solutions, and Managed Resource for leading global technology brands.

Image: Paul Clark, Founder and Executive Chairman of Penta Consulting meeting His Majesty the King at Windsor Castle

Volunteers Tackle Plastic Waste in Epsom Town Centre

Plastic waste is a global menace that often ends up closer to home than we think. According to recent studies, the average person could be consuming up to five grams of microplastic every week — equivalent to the weight of a credit card — through food and drink. With plastic present in around 70% of consumer products, and evidence of its harmful impact on marine life and ecosystems, managing our plastic footprint is becoming increasingly urgent.

On Sunday 29 June, local volunteers from ASEZ WAO UK, a community group with a focus on sustainability, staged a "Rethink Plastic" event around Epsom's Clock Tower. Around 40 volunteers, joined by members of the public, took part in a litter pick, public awareness presentations, and an upcycling workshop to highlight practical solutions to plastic waste.

Their efforts drew the support of the Mayor of Epsom and Ewell, Councillor **Robert Leach** (RA Nonsuch), who questioned the scale of modern packaging waste and praised the volunteers for helping to keep the town clean. Councillor **Steven McCormick** (RA Woodcote and Langley Vale) also lent his backing, commenting, "Wouldn't it be great if people just used the bins?"

In total, volunteers collected around 35 bags of rubbish from the town centre. Under a pop-up gazebo, families were invited to transform discarded plastic bottles into creative items such as phone stands, piggy banks, toy cars and flowers — demonstrating how waste materials can be given a second life. A young mother taking part with her daughter described the workshop as "really good, really fun — a great idea."

Upcycling — the process of turning unwanted materials into something of higher value — is gaining traction as one response to the growing problem of plastic pollution. However, recycling still faces challenges. For example, items such as greasy pizza boxes and disposable coffee cups often cannot be recycled through normal household collections, highlighting the importance of checking local guidelines to avoid contaminating recyclable waste streams.

Littering and plastic waste remain significant problems in the UK. The charity Keep Britain Tidy estimates that local councils spend nearly £700 million each year cleaning up litter, much of which includes plastic packaging. With plastic pollution known to damage habitats and harm wildlife, local action is seen as a vital part of tackling a wider environmental crisis.

ASEZ WAO UK says it plans to continue its local campaigns and is encouraging residents to get involved in future events. More information about their activities is available online or from volunteers active in the community.

For those inspired to act, it's a timely reminder: our throwaway habits may have far-reaching consequences — and tackling them starts on our own doorstep.

Image: Cllrs McCormick and Leach speak out against plastic waste

Epsom and Ewell Town-Twinning Association presents Cyril Frazer Awards for 2025

The Epsom and Ewell Town-Twinning Association recently presented its annual Cyril Frazer Awards to this year's winners: Sarah Carpenter of Southfield Primary School, and the joint runners-up, Siobhan Cornell and Jo Johnstone from the French and Music departments at Wallace Fields Junior School, and Olivia Gioffredo from Epsom College.

The prizes were awarded at the Twinning Association's AGM held at Epsom Town Hall on 24 June, by the Mayor of Epsom and Ewell, and Honorary President of the Association, Cllr Robert Leach.

Sarah Carpenter, who was unfortunately not able to attend due to family illness, will receive a grant of £500 to help support French visits and learning activities planned by Southfield Park School, while the joint runners-up will each receive £250 to support their work in the fields of French education and musical study. Olivia is a talented young composer and performer, who treated the AGM to a rendition in French of one of her own songs.

Epsom and Ewell Town-Twinning Association Secretary, Diana Deavin, said:

"The Association's committee was extremely impressed by the quality of this year's submissions, and in particular by the energy and passion of the teachers at these schools. This is reflected in the fact that this year we decided to make a total award of £1000, double the amount normally presented."

The Cyril Frazer Award was established by the Twinning Association as a memorial to Cyril Frazer, who died in 2016. He was Mayor of Epsom and Ewell when it was first twinned with Chantilly in 1995 and was a founding member of the Association. As well as Twinning, one of his other great passions was singing, and he was a keen member of the Epsom Male Voice Choir.

Both elements of Cyril's life are reflected in the requirements for the award, which is available to individuals and groups within the borough who meet some or all of the following criteria:

- Applicants live or study in the borough
- The award meets a special need, such as mental or physical health
- It benefits young people
- It has cultural or educational value
- It is music or performing-arts related
- It furthers friendships or links with Chantilly
- It supports a key twinning or community event

The Mayor of Epsom and Ewell, Cllr Robert Leach, presenting the Cyril Frazer Award to Olivia Gioffredo from Epsom College.

Parishing Epsom and Ewell is unholy?

I enjoyed your write-up of the latest meeting of Epsom and Ewell Borough Council, where you asked "Will the doomed Epsom and Ewell Borough Council rise from the ashes in other forms?" I would however suggest that the intention of the Residents Association (RA) clique that runs the council is to seek to continue its own existence as a relevant political force.

The RA has run the council since its creation and as Cllr Robert Leach (now the mayor) recently observed, feels that its dominant position means that it can do as it likes. Epsom and Ewell Borough Council Faces Scrutiny Over Constitutional Reforms > Epsom & Ewell Times

With the anticipated abolition of Epsom and Ewell as a borough council and effective merger with three or more neighbouring boroughs, the RA can see that its stranglehold will be broken. Its representatives may well be elected to a new unitary council, but they will likely be in a minority.

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The paper at last week's meeting that proposed what is called a Community Governance Review noted that "Epsom & Ewell Borough Council is one of the few District Councils within Surrey that is unparished", meaning that there are no civil parishes or parish or other community councils.

Having been in charge for all these decades, the RA may wish to explain why this is the case. The answer to the *why now* question is obvious – to give the RA another host body to move to when its current host expires. Not that the RA clique doesn't already have its fingers in a lot of pies locally.

There is also the *why not now* question, which the administration has skipped past. The report from last week notes that statutory guidance advises councils like Epsom and Ewell to avoid starting a community governance review if a review of local electoral arrangements is being, or is about to be, undertaken – i.e. the current situation.

Your article cites me as one of the councillors at the meeting who expressed doubts about whether information being given to residents will allow them to make an informed decision. I was specifically concerned that residents will only be consulted on the RA's preference for new councils, despite recognition in the report that the government recently expressed a preference for the establishment of Neighbourhood Area Committees, which would operate within the auspices of a new authority.

Clearly these have been rejected as not suiting the RA's purposes. For now we have to accept that the RA clique that runs the council can do what it likes, including spending £300,000 of desperately short funds on a process framed around its need to perpetuate its own relevance.

Cllr Chris Ames (Labour Court Ward)

Anti-slavery Parliamentarian portrait purchase

Runnymede Borough Council has agreed to release thousands of pounds to help buy a "significantly important" oil painting for its museum. The painting is an oil on canvas portrait of Britain's first foreign secretary and one-time leader of the Whig Party, Charles James Fox MP.

Mr Fox, who spent his final years in St Ann's Hill, Chertsey, was a strong supporter of parliamentary reform and advocated for religious tolerance and individual liberty. He was a particularly vocal campaigner for the abolition of slavery and introduced what was to become the 1807 Abolition of the Slave Trade Act which made it illegal for British ships and British subjects to trade in enslaved people.

The portrait has been offered to the museum for £5,000 and half of the money for its purchase will come from donations, with the rest from the council's museum after Runnymede Borough Council's corporate management committee signed off the move.

Emma Warren, curator of Chertsey Museum, told the Thursday June 19 meeting: "We've been given the opportunity to purchase an original oil painting, quite a large item, of one of the borough's, if not the country's, unsung heroes." She said the money would come from the museum's own fund which had been "built up over many many years and can only be used for the benefit of the museum's collections."

"In my time at Chertsey Museum, which is 23 years, we've only used the purchase fund four times which is why it's healthy. It's normally kept for items of significant importance which I believe this painting to be, given we only have a couple of portraits of Fox and no original artworks. I could talk literally for hours about him. He is important not just to Chertsey where he spent his final years living on St Anne's Hill. Normally I mention his debauched young life with the women and gambling but I was told to skip over that and concentrate on the important bit as to why he was our unsung hero."

Reports presented to the meeting said Mr Fox, who was known as the Man of the People, first came to Chertsey in 1783 when Elizabeth Armistead, who would become his wife, invited him to join her at her home in St Ann's Hill. The museum's collection features letters from Mr Fox and gives an insight into his life on the hill. He was said to have taken up sheep rearing and learned about planting requirements for crops.

Mrs Warren added: "He was a Whig politician, had an unwavering support for liberty and parliamentary reforms and anti-slavery principles. Many of his views were quite ahead of his time. He spoke out at length against anti-government overreach."

The image produced here is NOT the one the subject of this report.

Image: Joshua Reynolds portrait of Charles James Fox-pl.pinterest.com, Public Domain, https://commons.wikimedia.org/w/index.php?curid=48763729 This is not likely to be the portrait that is the subject of this article.

We have been waiting for details from the museum.

Why Does No One Care About Epsom & Ewell Football Club?

By most measures, Epsom & Ewell Football Club should be one of the borough's proudest institutions. Founded in 1918, steeped in history, and once a beacon of non-league ambition, it's a club that has worn its local colours with pride for over a century. And yet, in 2024, it plays its home matches outside the borough, in front of modest crowds, with little official support, and almost no recognition from those it nominally represents. How did it come to this?

From Wembley to Nowhere

The club's golden era came in the mid-1970s. Under manager Bob Smith, Epsom & Ewell reached the FA Vase final at Wembley in 1975, taking more than 10,000 fans to the twin towers. They lost narrowly to Hoddesdon Town, but the day cemented their status in the non-league elite. Just two years later, they were crowned Athenian League champions, playing stylish football and regularly attracting crowds of several hundred to West Street Ground in Ewell.

That ground, tucked between residential streets, was a symbol of grassroots football. A modest stand, small clubhouse, and rickety fence ringed the pitch — but it was home. Children ran the lines as ball boys, pensioners leaned on the barrier rails, and on Saturday afternoons, you could hear the cheers echo down Ewell High Street.

All that changed in 1993. Pressured by rising costs and development interest, the club sold the West Street Ground, and with it, lost its physical and emotional anchor in the borough. The land was sold for housing. Since then, Epsom & Ewell FC has led a nomadic existence, groundsharing with clubs like Banstead Athletic, Merstham, Leatherhead, Chipstead, and currently Corinthian-Casuals in Tolworth — nearly six miles from the borough boundary.

A Club Without a Borough

It is now 31 years since Epsom & Ewell FC played a competitive fixture in Epsom or Ewell. An entire generation has grown up without ever seeing their town represented in senior men's football. Few children wear the club's blue and gold; few adults even realise it still exists.

What happened? And more to the point — where was the borough council?

In the three decades since losing West Street, the club has repeatedly tried to secure land for a new stadium within the borough. Sites have been proposed, explored, and rejected. Discussions about Long Grove, Court Recreation Ground, and even sharing facilities with local colleges have all ended in failure. Most recently, informal talks about part of the Horton area being earmarked for community sports development went nowhere.

Supporters point to the contrasting support other councils give their clubs. Sutton United, for instance, receives backing from Sutton Council, which helped secure funding for facilities upgrades when the club was promoted to the Football League. In Epsom, the silence has been deafening. There has been no public plan, no council-led consultation, no transparent effort to bring the borough's only senior football club back home.

Struggling for Survival

The club is currently playing in the Combined Counties League Division One — the 10th tier of English football. It exists thanks to a dedicated band of volunteers, a threadbare budget, and the goodwill of its landlords. Crowds rarely exceed 60–70. With no clubhouse revenue, limited sponsorship, and minimal visibility, it's little wonder the club's financial situation is precarious.

In 2019, the club formally became a Community Interest Company (CIC), a status intended to attract grants and funding by aligning with social benefit goals. While that has helped underpin youth development and safeguarding policies, it hasn't solved



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the central issue: without a home, the club cannot grow.

Even now, Epsom & Ewell FC runs youth teams, junior girls' sessions, and has engaged in local community coaching schemes. But ask any parent at those sessions where the senior men's team plays, and many will shrug.

The Missed Potential

What's so frustrating is how easily this could be different. Epsom is one of the largest towns in the South East without a senior football club playing within its boundaries. The borough's population is over 80,000, and youth football is thriving — the likes of Epsom Eagles and Ewell Saxons run dozens of sides from U7s to U18s. Local talent is not in short supply. But with no flagship club, no clear pathway, and no local stadium to rally around, that energy is scattered.

The irony is that other non-league clubs across Surrey have built strong community models with much less historical pedigree. Why not Epsom?

Councillors have, over the years, said that land availability, planning complexity, and infrastructure costs make a return difficult. That may be true — but where is the political will? Where is the long-term strategic thinking about using sport to promote community health, pride, and youth engagement?

With millions spent on new housing, green infrastructure, and civic regeneration, a modest community stadium with a few hundred seats, changing rooms, and floodlights should not be an insurmountable dream. Yet for 30 years, it has been exactly that.

Do You Care?

This brings us to the title question: Why does no one care about Epsom & Ewell FC?

Maybe it's because we've forgotten how important sport can be to a town's identity. Maybe because the club's quiet survival hasn't shouted loudly enough. Or maybe we just assumed someone else would fix it.

But the truth is, without meaningful public interest — and without council support — Epsom & Ewell FC will remain a ghost club. It will still play fixtures in Tolworth or elsewhere, cheered on by a few die-hards who remember the old days, while the borough it bears in its name carries on, unaware.

It doesn't have to be this way.

A Special Correspondent

Image - an imagined modest stadium that could be Epsom and Ewell FC's.

Epsom Hospital workers to strike for equality?

More than 200 essential hospital cleaners and porters could strike over NHS equality at a Surrey Hospital Trust. Approximately 258 NHS facilities workers at St Helier and Epsom Hospital Trust will vote whether to go on strike as they demand full equality with their hospital colleagues. The ballot will open today (July 1) and close on August 12, with potential strike dates to be announced in mid August. The workers, most of whom are from migrant and minority ethnic backgrounds, are NHS employees but are allegedly denied the NHS's national pay system, terms and conditions. United Voices of the World (UVW), a campaigning trade union, is representing the group.

Dennis Gyamfi, a cleaner at Epsom Hospital and UVW member, said: "I've cleaned this hospital for seven years. My fellow cleaners, porters and caterers do essential work — yet we've never been treated with the same dignity as other NHS staff." Key workers such as cleaners, porters and caterers were brought in-house in 2021 and released from private contracts. Campaigners and UVW claim they were not given the standard NHS contracts and remain on inferior terms. The union states workers get lower pay and also miss out on key benefits such as paid sick leave from day one, enhanced nights and weekend pay as well as lower pension contributions and are stuck on 24 days' holiday, with no increase for length of service. The trade union argued the pay has been frozen and they are now formally moving toward strike action after the CEO and Board of Trustees refused to enter negotiations.

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Mr Gyamfi added: "We are the pillars of this hospital — if we don't clean, transport people around or serve food, patients and their families suffer. The board knows this. It's time they gave us the respect we deserve. Change our contracts. Give us equality, dignity, and the recognition every NHS worker should have." But Epsom and St Helier Hospital claim those on the London Living Wage have seen annual increases in the last three years which is well ahead of staff on the standard NHS contracts. The Hospital Trust also said staff have recently had a pay rise between 3–5.3 per cent was effective from April 1

"This is not just disappointing — it's outrageous," said Farrokh, a porter at St Helier Hospital and UVW member. "It is deeply troubling that a publicly-run organisation – whose duty should be to uphold fairness and protect its employees – appears to be taking steps that deprive its lowest-paid workers of rights and benefits long established by the NHS, government and unions." Frustration has also deepened at St Helier Hospital, where staff reportedly contend with unsafe, degrading conditions, said to be impacting the wellbeing of both patients and hospital staff.

Around £60 million has been spent in the past five years improving facilities across the hospitals. But the ageing hospitals are deteriorating faster than the NHS can fix them, and bosses have accepted staff and patients deserve better. Through the New Hospital Programme, the government has committed to investing in plans to build a new hospital in Sutton and upgrade the existing hospitals, but construction will begin later than originally planned.

Petros Elia, UVW General Secretary, said: "These workers are as much a part of the NHS as any doctor, nurse, or administrator. They kept our hospitals running during the pandemic, yet in 2025 they're still treated as second-class NHS employees. This two-tier system is degrading, demoralising and discriminatory. It sends a message that their labour matters less, and their lives matter less. And it must end." An Epsom and St Helier University Hospitals spokesperson said: "Our porters and cleaners and everyone who works in our trusts are hugely valued and respected colleagues, and we were pleased to recently announce a pay rise of up to 5.3 per cent effective from 1st April. When colleagues were brought in-house in 2021 they received improved pay and conditions compared to their private contracts, including the London Living Wage. We understand their concerns and remain open to engaging with our colleagues and their Unions."

Workers at Epsom and St Helier Hospitals to vote on strike action. (Credit: United Voices of the World)

Are paper bottles the solution asks Surrey Uni

There are few excuses left for polluting our environment with plastics – and the UK can lead the charge towards a more circular future, say researchers from the University of Surrey. The comments come as the Surrey team get ready to showcase three projects tackling plastic pollution at this week's Royal Society Summer Science Exhibition in London (1-6 July).

Surrey's interactive display will present various themes – from replacing petroleum-based packaging, to capturing microplastics before they enter our rivers and seas, to recycling mixed plastic waste that would otherwise end up in landfill.

One such project is SustaPack - a collaboration aiming to reduce the 1.9 billion plastic bottles produced globally every day by developing next generation paper-based alternatives. Backed by a £1 million EPSRC grant, the project is a partnership between Surrey and sustainable packaging company Pulpex Ltd. It combines AI, thermal imaging and advanced computer modelling to improve production processes, create a new biodegradable lining, reduce energy use, and extend product shelf life - bringing low-carbon, fully recyclable packaging closer to large-scale commercialisation.

Professor Joseph Keddie, Professor of Soft Matter Physics and Royal Society Industry Fellow, said:

"The high carbon footprint of plastic and glass packaging materials demands urgent change. This collaboration is about more than simply replacing plastic – it's about designing sustainable packaging that is truly recyclable, scalable, and with a low carbon footprint. It's a powerful example of how science and industry can join forces to address the urgent challenge of the environmental impacts of plastic."

Another project on display is addressing the recovery of plastic particles from our water systems. Some products such as sunscreens, cosmetics and disposable wipes can release microplastics, with the UK government considering restrictions or bans on certain items to reduce this form of pollution. On average, 50% of microplastics found in the world's wastewater treatment plants are fibres, mainly coming from laundry. If not captured, these tiny plastics can adsorb and carry pollutants circulating in the wastewater plant that are then ingested by marine life and ultimately enter the human food chain.

Surrey engineers are developing advanced membrane filtration technology designed to recover microplastics before treated wastewater is released into rivers and seas. By optimising membrane coatings and filtration conditions, the team is working to

reduce clogging and improve long-term efficiency, paving the way for cleaner water and healthier ecosystems.

Professor Judy Lee, Professor in Chemical and Process Engineering, said:

"Microplastics are a serious and growing threat to water quality and human health. These tiny particles are difficult to remove once they're in the environment and can carry harmful pollutants. Our research focuses on practical solutions that can be deployed in wastewater treatment plants to stop these pollutants at the source."

To address the challenge of recycling plastics mixed with other materials, such as carbon fibre composites, engineers at Surrey are working to make the process more viable and commercially attractive. These composites are essential across various industries, including aerospace, transport and construction due to their lightweight, strong and versatile properties, but they are notoriously difficult to recycle.

Surrey's research focuses on developing new manufacturing routes and enhancing the thermal, electrical and mechanical properties of recycled carbon fibre, making second-life applications practical and commercially appealing. Reducing waste and using reclaimed materials also help to lower the demand for raw resources.

Dr Iman Mohagheghian, Associate Professor (Reader) in Mechanics of Materials at the University of Surrey, and EPSRC researcher in residence fellow of the National Composites Centre, said:

"Our goal is to make recycled composites a reliable, high-value option for industry. Enhancing their performance and reducing manufacturing waste is an important step towards building a truly circular economy for advanced plastics, supporting the wider journey towards net zero."

At the Royal Society Summer Science Exhibition, visitors can discover Plastic Alchemy – an outreach theme led by the University of Surrey's Circular Economy Group and Fellows from the Institute for Sustainability.

The Royal Marines Band Collingwood at Epsom Playhouse

Organised by Cllr **Dr Graham Jones** MBE (Lieutenant Colonel (retired) (RA Cuddington) the renowned **Royal Marines Band Collingwood** made a triumphant performance at the Epsom Playhouse on Friday night, delivering a rousing programme brimming with technical excellence, military precision, and heartfelt artistry. Conducted by Captain Phil Trudgeon and Warrant Officer 2 Bandmaster Jamie Gunn, the band captivated a near-capacity audience with a thrilling showcase of traditional military repertoire and popular favourites.

The evening began, fittingly, with the National Anthem performed with stately dignity, reflecting the band's deep roots in national and royal service.

The opening item, **Overture to** *Candide* **by Leonard Bernstein**, displayed infectious energy and fizzing orchestration, setting a vibrant tone. Bernstein's much-loved operetta is famed for its satirical bite, and the Marines captured its brilliance and wit with panache.

Next came John Philip Sousa's **Who's Who in Navy Blue**, a 1920 march celebrating American naval traditions, crisply articulated by the brass and percussion with authentic verve.

In a change of mood, the band shifted to the familiar strains of the **Top Gun Theme**, arranged by Laughton. Its soaring harmonies and stirring sense of adventure delighted the audience, showcasing the band's ability to cross genres effortlessly.

The **Drum Static** interlude then brought the spotlight to the Corps of Drums. Their razor-sharp discipline, complex sticking patterns and synchronised movement brought rapturous applause.

Cape Helles by Young followed, a poignant musical tribute to the Gallipoli landings of 1915, performed with great sensitivity and power.

Alford's lively **The Mad Major** quick march injected a welcome spark of lightness, its playful melody and military swagger a reminder of Alford's enduring legacy as the "British March King."

A show-stopping highlight came with Corporal Savage's clarinet solo in **Artie Shaw's Clarinet Concerto**, arranged by Cray. This 1940 swing-inspired concerto, with its swooping glissandi and jazz idioms, was delivered with aplomb and won a spontaneous

ISSN 2753-2771

ovation.

The first half concluded with two contrasting works. **In Ireland** by Lance Corporal Brooks explored traditional folk-tinged melodies with a fresh, lyrical approach. Finally, Frank Ticheli's **Vesuvius** erupted with rhythmic fire and dramatic textures, a thrilling depiction of the famous volcano's destructive power.

The second half began with **Maiden Legacy**, an arrangement by Captain Trudgeon, demonstrating the band's ability to reinterpret newer repertoire with flair.

A stylish rendition of **Skyfall**, the James Bond theme popularised by Adele with band soloist Beth McGregor, delivered a rich, cinematic grandeur which clearly resonated with the audience.

For the finale, the band turned to a cornerstone of English wind music: Gustav Holst's **A Moorside Suite**, originally written for brass band.

- The **Scherzo** sparkled with rhythmic energy,
- The **Nocturne** brought a serene, pastoral calm,
- And the concluding March was robust and dignified, the perfect platform for the band's tonal power and ensemble unity.

Shenandoah, arranged by Frank Ticheli, offered a moving moment of reflection. This classic American folk tune, thought to date back to early 19th-century river boatmen, was performed with deep feeling and a sonorous blend. Played in memory of a young member of the band recently lost to motor neurone disease.

As dusk approached, the band performed the traditional **Sunset**, arranged by Green, a moment of quiet remembrance often associated with evening ceremonies in the Royal Navy.

The concert then closed with two of the Royal Marines' most cherished musical emblems: **Heart of Oak**, the official march of the Royal Navy since the 18th century, and **A Life on the Ocean Wave**, the Royal Marines' regimental march, based on Henry Russell's 19th-century song. These stirring finales underlined the band's powerful heritage and left the audience in no doubt of their world-class standing.

However, the audience would not let them go without an encore and with Eric Coates' great Dambusters March all left satisfied.

The Royal Marines Band Service has maintained its traditions since the 18th century, combining musical excellence with operational service. The Band Collingwood, based at HMS Collingwood, continues to support Royal Navy and national ceremonial events across the UK and internationally. Its members are trained both as musicians and as deployable service personnel, maintaining a dual role unmatched in the military music world.

The evening was also attended by members of the local branch of the Royal British Legion (RBL), who noted in the programme that concerts like these are an enduring link between the public and the Armed Forces, highlighting the shared remembrance and respect for those who have served.

This concert was a brilliant reminder of the pride, tradition, and sheer artistry of the Royal Marines Band Collingwood, whose excellence lifted the hearts of all who were privileged to hear them.

Well done to Dr Graham Jones for bringing such a memorable evening to Epsom.

Image courtesy Steven McCormick Photography