



### Sustainable Innovation in Products, Services and Business Models

#### Past, Present and Future

25th International Conference 30<sup>th</sup> - 31<sup>st</sup> October 2025 University for the Creative Arts (UCA), Epsom, Surrey, KT18 5BE United Kingdom



#### Welcome

Welcome to the 25<sup>th</sup> International Sustainable Innovation 2025 conference focused on Sustainable Innovation in Products, Services and Business Models – Past, Present and Future organised by The Centre for Sustainable Design ® at the University for the Creative Arts (UCA) in the UK.

Sustainable Innovation 2025 will take place on 30th - 31st October 2025 at UCA, Epsom, Surrey, UK.

This Fact file contains information to assist delegates in organising their participation at this high-level event. We hope you find the following information useful and look forward to meeting you at the University for the Creative Arts, Epsom, Surrey, United Kingdom.

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#### **Background**

Over the past 25 years, sustainability has evolved from an emerging concern to a global imperative, influencing how businesses design, produce, and deliver products and services. The increasing awareness of climate change, resource depletion, and environmental degradation has pushed industries to rethink traditional business models and adopt more sustainable practices.

Key global events, such as the signing of the Kyoto Protocol in 1997 and the Paris Agreement in 2015, set the stage for governments and businesses to commit to reducing greenhouse gas emissions. The rise of circular economy principles has further transformed industries, promoting product durability, repairability, and recyclability. Policies like the European Commission's Circular Economy Action Plan (CEAP) and the Ecodesign for Sustainable Products Regulation (ESPR) have created a regulatory framework that will drive companies to adopt more resource-efficient practices at the design stage, while Extended Producer Responsibility (EPR) schemes will mean that manufacturers will need to take responsibility for the 'end of life' of their products.

Critical to sustainable innovation are new material and technological development that enable more low carbon, resource efficient use, supporting the transition toward circular business models. Scarcity, the cost and the functional property of materials has





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always been a driver for design changes, and many industries are increasingly considering bio-based and recycled materials as ways to minimise reliance on virgin resources. Technological advancements, such as the Internet of Things (IoT), artificial intelligence (AI), and blockchain, are enabling real-time data tracking, which further supports the optimisation of resource use and waste reduction across supply chains. Additionally, 25 years of developments in web technologies have led to a growth in online green marketplaces that further enable circularity through the exchange and adoption of materials, products and services.

Over the last two decades, many companies have shifted from treating sustainability as purely a compliance or communications issue to making it a core component of their business strategy. Leadership roles like Chief Sustainability Officer (CSO) have emerged over the last 25 years, driving sustainability agendas across organisations. With varying degrees of success, these leaders have sought to embed sustainable innovation into organisational processes. Where they have been successful, environmental considerations are part of the design and development process from the start, but progress has been uneven to date.

Over the last 25 years, new approaches to sustainable innovation have arisen to generate more radical ideas and solutions. These include open innovation platforms and challenges (e.g., as run by Innovate UK and Global Alliance Africa), competition-based environmental prizes (e.g., The Earthshot Prize), and the use of crowdsourcing techniques and hackathons (e.g., IBM's Call for Code Global Challenges).

New service models have also emerged, such as Product-as-a-Service (PaaS) and leasing programmes that aim to extend product lifecycles and reduce waste by enabling businesses to maintain ownership of products through take-back, refurbish and repair. This trend is likely to increase as legislators extend EPR laws to cover most products.

Since the first Sustainable Innovation conference in 1995, policy makers have placed a greater emphasis on environmental issues related products, design and lifecycles, broadening from an initial focus on production processes. Growing regulatory demands alongside increased customer concerns has also created opportunities for innovation and reduced cost. As a result, businesses have implemented approaches to sustainable innovation, such as designing products with lower energy requirements, optimising lifecycles to reduce waste and increase circularity. Increased focus on cost efficiency during product design changes mindsets and priorities, leading to improved profitability, competitiveness, and environmental performance. However, achieving these positive outcomes demands close collaboration between product design, production engineering, and supply chain teams, and external partners to ensure that sustainability is integrated into every stage of product design and development.

Looking ahead over the next 25 years, it is essential that all organisations recognise the challenges of climate change and circularity and accelerate their sustainability efforts. Rising pressure for eco-friendly products from a younger, climate-conscious generation is one driver for change. Likewise, legislation is expected to become increasingly stringent, for example demanding widespread use of digital product passports for all products. Also, recently launched standards, such as the ISO 59000 family, are expected to see broader adoption over time. As a result, sustainable innovation needs to move to become a core competence for every business.

To achieve the best outcomes in developing resource-efficient, low-carbon products, services, and business models – and to meet the tougher regulatory demands in a rapidly changing world – effective collaboration between industry, government, and academia is essential. Establishing effective partnerships will be a key requirement to advance R&D, drive sustainable innovation and accelerate the adoption of new materials and technologies throughout the design and development lifecycle.





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#### Concept

Sustainable Innovation 2025 will review the evolution and trends related to sustainability, products, services, and business models over the last 25 years and look forward to 2050. The conference will explore how product design and development has adapted to global challenges like climate change, resource scarcity, and shifting consumer expectations by adopting circular economy principles, eco-design, and low carbon innovation.

Delegates will hear from leading-edge thinkers, researchers and practitioners and have the opportunity to engage in discussions about the impact of global policies related to sustainability, products, services and business models, and the challenges and opportunities related to the ongoing transition from linear to circular models, and the role of new low carbon technologies and materials. With a strong focus on both reflecting on the past and looking to the future, the event will provide a platform for academics, industry leaders, innovators and policymakers to share insights and drive forward-thinking strategies.

Sustainable Innovation 2025 welcomes refereed conceptual, research-based papers and case studies from academia and business. This international conference will create a unique space for learning, thinking and networking, with delegates from academia, international brands and large corporations, SMEs and start-ups, as well as policymakers, consultants and NGOs. The conference is supported by an international Advisory Board





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### **Benefits of Attending**

- A premier forum for leading-edge thinking, breakthrough ideas, and innovative pilots. This conference offers a global stage for sharing novel concepts that address the sustainability challenges the world.
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- Engage with new research, methodologies, and strategies that are shaping the future of sustainability. The conference will feature in-depth case studies, decision-making tools, and real-world applications.
- Connect with leaders and pioneers from business, industry, government, and academia. This conference provides unparalleled opportunities for collaboration, knowledge exchange, and partnership building. Over the past 25 years, more than 3,500 delegates from over fifty countries have attended, making it a key event in the global sustainability calendar

#### **Conference Organisers**

The Centre for Sustainable Design ® (CfSD) was established in 1995 at the University for the Creative Arts (UCA) in Farnham, Surrey, UK. CfSD has built world class knowledge and expertise of sustainable innovation and product sustainability. The Centre is recognised worldwide for its knowledge and expertise, having worked closely with business, policy making and research communities for two decades. The Centre researches, develops and disseminates understanding of present and future sustainability impacts and solutions related to innovation, products, technologies, services and systems through projects, training, events, networks and information. The Centre has led and participated in a range of high-quality research and knowledge transfer projects worldwide and has organised hundreds of conferences, workshops and training courses. CfSD works with partners in Europe, North America and Asia to deliver high quality results and is an internationally recognised centre of excellence.

University for the Creative Arts (UCA) is a specialist arts and design university based on four campuses: Epsom; Farnham; Canterbury and Rochester. UCA has seven schools – 3D Design, Architecture, Communication Design, Fashion, Film & Media, Fine Art, and Further Education. UCA campuses include workshops for ceramics, glass, wood and metals where students can experiment under the supervision of technicians with extensive industry experience in their field. There is extensive studio space in painting, sculpture, fashion and film-making; radio and TV facilities for trainee journalists; stop motion equipment for animators; and an industry-standard Gerber suite for fashion pattern cutting. The university has created a unique community for its students, where like-minded people can share in the creative process and inspire one another. Creativity is the energy that drives everyone here to invent, explore and collaborate. When you study at UCA, you'll get the opportunity to immerse yourself in an unrivalled creative vibe, find your own style and create the extraordinary.

UCA's campuses offer cutting-edge creative environments, packed with the latest equipment and resources, which creates unique communities of artists, designers, makers, writers and researchers. Collaboration between courses is encouraged, with fine artists studying with film-makers, and fashion designers working alongside architects. In this way, UCA students benefit from exposure to a range of disciplines. UCA alumni include, Karen Millen and Zandra Rhodes in the world of fashion; jeweller, Stephen Webster; Oscar winning animators, Michael Dudok de Wit and Suzie Templeton; artists, Humphrey Ocean and Tacita Dean; and textile designer Roger Oates.





## Sustainable Innovation in Products, Services and Business Models

#### Past, Present and Future

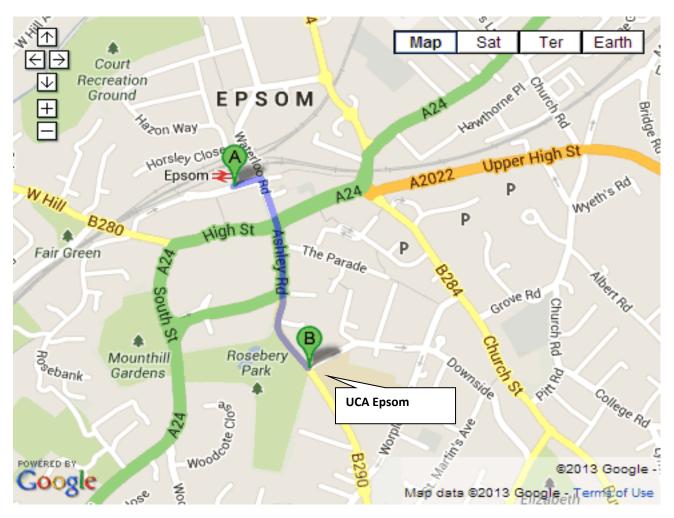
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#### Venue

University for the Creative Arts (UCA) Business School Ashley Road Epsom Surrey KT18 5BE United Kingdom

Tel: +44 (0) 1372 728811

Web: http://www.ucreative.ac.uk/epsom



### **Travel Tips**

Currency in United Kingdom is Pounds (£)

Rail tickets and timetables: <a href="http://www.thetrainline.com">http://www.thetrainline.com</a>





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#### Travelling to UCA Epsom by Train (& Foot)

Take a **National Rail**\_train from London Waterloo or London Victoria to Epsom. It is five minutes' walk from Epsom station to the University, opposite Rosebery Park in Ashley Road. As you leave the station turn left down Station Approach, then right down Waterloo Road. Cross the High Street into Ashley Road (you will need to be on the left hand side of the road). Walk past Heathcote Road and the University is on the left.

Eurostar passengers should get off the train at London St. Pancras International, then take the **Underground** (Victoria Line - Southbound) to London Victoria, or change at Oxford Circus for the Bakerloo line - Southbound to Waterloo.

### **Travelling to UCA Epsom by Car**

On the A3 from London, exit at the Tolworth Roundabout take the A24 heading for Epsom town centre. When you enter Epsom town centre, pass under the railway bridge, bear right into the main High Street and keep to the left hand lane, turning left at the lights into Ashley Road. Keep to the left hand lane and the University is on the left just after the turning for Heathcote Road.

From the M25, take the A24 from junction 9. Follow the road through Ashtead into Epsom, bear right onto the High Street (the clock tower will be on your right). At the next main set of lights turn right into Ashley Road. Move immediately into the left hand lane and the University is on the left just after the turning for Heathcote Road.

#### **Travelling to UCA Epsom by Air**

It takes between one and two hours to drive from Heathrow, Gatwick, Stansted and Luton airports to UCA Epsom. The same journeys take between two and three hours by train. There are rail connections from all the airports via central London to Epsom, where you can walk or take a taxi to the University.

#### **Arriving from Heathrow Airport**

#### Option 1:

Take the <u>Heathrow Express</u> to London Paddington Station. At London Paddington take the <u>Underground</u> (Bakerloo Line - Southbound) to Waterloo, then take a <u>National Rail</u> train from London Waterloo Station to Epsom. From here either walk or take a taxi to the University.

Estimated journey time: 2h 00m (From Heathrow to Epsom station)

#### Option 2:

From Heathrow <u>Underground</u> Stations take the Piccadilly Line (Eastbound) to Green Park Underground Station. Change and take the Victoria Line (Southbound) to Vauxhall Station. From Vauxhall Station take the National Rail Train to Epsom. Duration: 1h 40m





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#### **Arriving from Gatwick Airport**

Take the <u>Gatwick Express</u> to London Victoria Station, where you can take a <u>National Rail</u> direct train to Epsom and then walk or take a taxi to the University.

Estimated journey time: 1h 10 (From Gatwick to Epsom station)

#### **Arriving from Stansted Airport**

From Stansted Airport Parkway take the Stansted Express to London Liverpool Street Station.

Take the <u>Underground</u> (Circle Line - Clockwise) to Victoria. From London Victoria Station take a <u>National Rail</u> train to Epsom and then walk or take a taxi to the University.

Estimated journey time: 1h 20m (From Stansted Airport to Epsom station)

#### **Arriving from Luton Airport**

Take <u>Luton Airport Shuttle</u> (£2-£3) to Luton Airport Parkway.

From Luton Airport take a <u>National Rail</u> train to London St. Pancras International, then take the <u>Underground</u> (Victoria Line - Southbound) to Waterloo (changing to the Bakerloo line - Southbound at Oxford Circus).

From London Waterloo take a National Rail train to Epsom.

Estimated journey time: 2h (From Luton Airport to Epsom station)

For latest information you can see the links above or you can ask the staff at the Airport Train Station on the day you travel about the best way to get to Epsom station on the day. Also please bear in mind Sunday services will take much longer than has been displayed in the information above.

#### **Taxis**

Epsom Taxis
Xpert Cars
Clock Tower Cars UK
Station Cars Epsom





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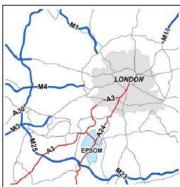
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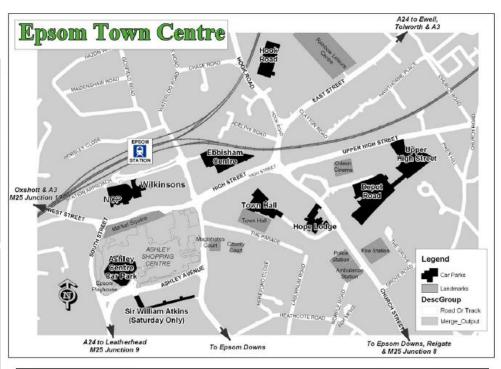
#### **Car Parking**

Ashley Centre Multi-Storey – Monday – Sunday 24 hours Ashley Avenue, Epsom, KT18 5AL Depot Road – Monday – Sunday 24 hours Epsom, KT17 4RJ









- How to get here
- By car: M25 exit Junction 9, take the A24 towards Epsom
- By train: Direct links to Epsom from either London Waterloo or London Victoria. For train times
  and information, call National Rail Enquiries on 08457 48 49 50, or visit www.nationalrail.co.uk
- By bus: Regular bus services link Epsom with local centres, including Sutton and Kingston. For travel enquiries, call Traveline on 0871 200 22 23, or visit www.traveline.info







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The name 'Epsom' derives from Ebbi's ham (Ebbi, a Saxon woman and ham, a large homestead). The word 'Ewell' comes from the Old English 'Aewiell', meaning 'the spring at the head of a river'. Epsom and Ewell is on a spring line at the base of the Downs, an area where early man would have found good hunting and other resources. Evidence of Bronze Age farming has been found in the area. In 70AD, Roman surveyors constructing Stane Street, from London to Chichester, had to change direction at the source of the Hogsmill River. Houses were built alongside the road and by 150AD, Ewell was a large village. Various Roman votive offerings have been found in the area's springs. In medieval times, both Epsom and Ewell were small rural communities, with Ewell being the larger of the two. The major event in Tudor era was the building of Nonsuch Palace by Henry VIII in 1538 to celebrate thirty years of his reign. The village of Cuddington was removed to allow for the palace and associated hunting grounds. Epsom remained a small village until the early 17th Century when water on Epsom Common was found to have medicinal properties and the minerals in Epsom salts were identified. Epsom village soon became a prosperous spa town attracting several notable visitors, including Samuel Pepys and Nell Gwynn. Under the Commonwealth horseracing was banned, but upon its demise, the first recorded race meeting in the country took place at Epsom on 7 March 1661 in the presence of Charles II. The first running of the Derby took place on Thursday, 4 May 1780. The spa town declined in the early eighteenth century but by then wealthy merchants were moving their homes out from London into the villages of Epsom and Ewell. One of the industries that was carried out in Ewell from the mid-eighteenth century was gunpowder manufacture. Several local families grew wealthy on the industry which was based on the Hogsmill river. Henry Dorling ran a successful printing and publishing business in Epsom and was heavily involved with the running of the Derby. One of his stepdaughters, Isabella, married Samuel Beeton in 1856. Isabelle was to gain fame as Mrs Beeton on publication of her book on household management. In 1896 the London County Council bought a rundown estate in the area which covered 1060 acres, comprising a mansion house, grounds, woods and four farms. Over the next 30 years five, self-sufficient, hospitals were built on the land and the estate became the world's largest cluster of hospitals for the mentally ill. The railways came to the borough in the mid nineteenth century and stimulated rapid house building to cater for the new breed of commuter to and from London. Lord Rosebery was a Liberal politician who held the position of Foreign Secretary, was the first chairman of the London County Council and in 1894, became Prime Minister (all before he was fifty). A passionate horseman, two of his horses won the Derby (while he was prime Minister) In 1878 he bought stables and a large house in Epsom where he was to live for the rest of his life. He gave land to the area (which was named Rosebery Park in gratitude) and died in 1929. Emily Wilding Davison was a militant women's suffrage activist who, on 4 June 1913, stepped in front of the horse of King George V at the Derby. She sustained injuries that resulted in her death. At the time the action was universally condemned and is now regarded as a significant event in the campaign for the women's right to vote. At the start of the First World War a major training camp was set up at Woodcote to train the thousands of volunteers to attain a level of efficiency that would allow them to go to war. Later in the war it was used as a base for commonwealth troops before the entered action on the continent. Lord Kitchener famously addressed troops about to be sent to the front on a snow packed Epsom Downs in 1915. The racecourse grandstand and some of the mental hospitals were commandeered as hospitals to teat wounded coming back from the front. Some of the hospitals were used for this function again, for the Second World War. In 1919 Canadian soldiers, waiting to be shipped back home rioted in Epsom town centre, killing a British policeman. The suburbs of Auriol, Stoneleigh and Worcester Park were developed in the 1920s and 30s as part of the metro land expansion of the suburbs. Further major housing expansion in the area didn't take place until the early 21st century, by which time the treatment of mental health had evolved and the hospital cluster gradually closed and the land developed for housing.





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#### **Hotels**

#### **Premier Inn, Epsom Central Hotel**

2-4 St. Margarets Drive off Dorking Road, Epsom KT18 7LB, England

#### **Travelodge Epsom Central Hotel**

Station Approach, Epsom, KT19 8EU

#### Premier Inn, Epsom Town Centre

The Parade, Epsom, Surrey, KT18 5BY





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#### **Restaurants**

When it comes to eating and drinking there are various options in Epsom. You can quickly enjoy the lively bars and restaurants in the town e.g. a 5 minute walk from the campus or take a short bus or train journey to Sutton, Kingston or Wimbledon. Choose between big name chains or specialty restaurants exclusive to Epsom.

#### On the Grill

Barbecue Restaurant 20a Upper High Street, Epsom, KT17 4QJ

#### **Khans Epsom**

Indian Restaurant 29 Upper Hight Street, Epsom, KT17 4QY

#### **Prestige Butchers**

Steak House 30 High Street, Epsom, KT19 8AH

#### **Cappadocia Epsom**

Turkish Restaurant 96 – 98 High Street, Epsom, KT19 8BJ

#### Café 1

Bistro 122 High Street, Epsom, KT19 8BJ

#### **Makiyaki Epsom**

Japanese Restaurant 29 South Street, Epsom, KT18 7PJ

#### **Koza Bar Kitchen**

Mediterranean Restaurant 30 South Street, Epsom, KT18 7PF





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#### **Pubs**

#### The Marquis of Granby

4 West Street, Epsom, KT18 7RG, England Tel: 0201372 744278 http://www.themarquisofgranbyepsom.co.uk/

#### **The Famous Green Man**

71 High Street, Epsom, KT17 1RX
Tel: 020 83939719
http://www.famousgreenman.co.uk/





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### **Cancellation policy**

If you find yourself unable to attend after booking your place, you may nominate a substitute up to five working days before the event by informing us in writing. Cancellation may be made up to 21 working days prior to the event. There will be an administration fee for such cancellation of £25.00 (plus VAT). Cancellations made after this time, up to 10 working days prior to the event, are eligible for a return of 50% of the fees paid but will receive a copy of conference proceedings. No refunds for cancellation are available after this point.

#### **Contact**

For more information on Sustainable Innovation 2019 please contact:

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