

Congratulations to all the 2019 awards winners!

The **BSI Standards Awards** recognize exceptional contributions to standards-making (**Standards Makers Awards**) or the successful use of voluntary standards to achieve particular outcomes (**Standards Users Awards**). More information about the awards, including the criteria and the nomination and selection process can be found on the BSI website at: www.bsigroup.com/standardsawards.

Please find here below a list of all the 2019 winners for both the Standards Makers and the Standards Users Awards. The winners were announced at the BSI Standards Conference and Awards held at Great Cumberland Place in London on 21 November.

BSI Standards Makers Awards

The BSI Standards Makers Awards exist to recognize exceptional contributions to standards-making and the 2019 winners are:

Award	Winner(s):
Outstanding and sustained impact - The Wolfe Barry Medal	David Smith BSc, MSc
Best new member	Robert Garbett FRAeS
Committee management	Piera Johnson
Creativity	John Dora Ceng, FICE, FIEMA, FRMeTS, FPWI Chris Moller MA, C.Eng, MIET
Education about standardization	Irina Brass PhD Cher Li PhD Corinne Quinn
Leadership	John Bradley Phil Childs MIED Steve Denton David Petherick RIBA Jeremy Tinkler
Representing consumers	<i>Joint award for:</i> Sheila Merrill FRSPH Katrina Phillips
Representing the UK	Stephen Colclough Sam De Silva LLB, BMS (Hons), MBS (Hons), DBA, FCIPS, CITP, FBCS, FRSA Howard Mason Peter Young DSc(hon), CChem, CIWEM, CIWM

Please see subsequent pages to learn more about each winner named above.

Outstanding and sustained impact - The Wolfe Barry Medal

This award recognizes exceptional contribution over a standards development career and the winner will be awarded the Wolfe Barry Medal which is tantamount to a "lifetime achievement award."

Winner: David Smith BSc, MSc

David Smith has made an exceptional contribution to the development of management system standards over more than 25 years. He has tirelessly championed efforts towards the development of an ISO standard for occupational health and safety (OH&S) management systems, a vision finally realized in 2018 with the publication of ISO 45001. This standard was developed by an ISO project committee led by David. Prior to this, he chaired the BSI OH&S management committee (HS/1) for over 20 years, during which the committee developed the UK's first OH&S management system guidance standard, BS8800. David was also a leading contributor in the development of OHSAS 18001, which became the international benchmark prior to ISO 45001. David has chaired the BSI Management Systems Expert Group (MSEG) for many years and is a long-standing member of BSI's Standards Policy and Strategy Committee (SPSC). As a committee chair, David has always encouraged participation and collaboration, dealing at times with strongly divergent views with patience and good humour. Even in the face of the considerable political challenges within the UK, in the early years of HS/1, and again in the international arena during the development of ISO 45001, he has been positive, inclusive and collegiate, and has earned the respect of all his colleagues. He has shown persistence in his efforts to build consensus, even when that seemed impossible, and to help discussions move forward. He has welcomed and encouraged new committee members and makes sure all voices are heard. He has also put considerable personal effort into ensuring his committees are aware of, and engaged with, the numerous regional and international activities across the OH&S field, making use of his extensive international contact network. Overall, he has been, and is, a fantastic ambassador for standards, both within and outside the UK.

Best new member

This award recognizes exceptional contribution by a committee member who has been on the committee for 5 years or less.

Winner: Robert Garbett FRAeS

Robert Garbett chairs the national drone standards committee, as well as acting as convenor of the International Organization for Standardization (ISO) working group responsible for international drone standards. He is recognized as a leading authoritative figure in and advocate for the global drone industry, advising governments and corporates on the commercial potential of drone technology and the emerging national and international standards frameworks that are set to drive the sector's continued exponential growth. Robert is one of the foremost global experts in the industry and a driving force in the delivery of the international drone standards that will have a transformative impact on almost every business sector. At an event he hosted, as Founder and Chief Executive of Drone Major Group Ltd, and in partnership with BSI at the House of Lords, Robert emphasised the importance of the new standards in providing public assurance on safety, security and "etiquette" for use of drones. He has since set up a drone delivery group, with representatives from the Department for Transport (DfT), the Greater London Authority (GLA) and BSI, amongst others. This group highlights the need for the industry to come together to agree best approaches to ensure that the UK maintains its leading role in the industry's continued development as one of the world's most economically significant disruptor technologies. Highlighting the importance of drone standardization worldwide, Robert has gained media coverage for the standards including; BBC World Service, BBC Radio 4 Today Programme, Financial Times, Bloomberg, The Telegraph, Mail Online, The Times and the Evening Standard.

Committee Management

This award recognizes exceptional contribution by those who, on the committee, serve in the role of Committee Manager (formerly known as Committee Secretary).

Winner: Piera Johnson

Piera Johnson has made an outstanding contribution to the collaborative business relationships (SVS/1/4), market research (SVS/3) and customer service (SVS/0) committees. She has superbly supported the UK committee since it started developing the national standard for collaborative business relationships management systems and then with its work helping to transform this into an international standard. Piera has brilliantly guided the committee at all stages of development with confidence and insight. She has worked closely with her committees' chairs one of whom commented that "without her dedicated support we would not have achieved what we have." Whilst supporting committees, Piera always provides well informed and constructive ideas, based upon experience and expertise. In the ISO environment Piera is looked to for advice by other national standards bodies for her understanding and experience of global standards development. Her dedication, competence and professional integrity has earned the respect of her committees and the wider global customer service standards community. Piera's style is open, engaging and collaborative, and she works with experts in a mutually supportive way, ensuring that the process is enjoyable, valuable and worthwhile. She listens to others and brings a positive view, energizing members to be effective and successful in a way that appropriately supports the local and global responsibilities of the Committee. Piera is task-focused, consistent and reliable but her sense of fun and kindness means she is a great ambassador for BSI.

Creativity

This award recognizes exceptional contribution to standards development through creative and/or innovative approaches to the process, problem-solving, building consensus, and participation/contributing to discussion.

Winner: John Dora CEng, FICE, FIEMA, FRMeTS, FPWI

John Dora was the convenor of the ISO working group developing ISO 14090 Adaptation to Climate Change from 2015 to its publication in 2019. Initially John worked at the request of ISO subcommittee for greenhouse gas management and related activities to create an idea of what an adaptation standard might look like because none have ever been written before. Then, with contributors to this process, China and the UK, put forward a proposal for the first ever standard on adaptation to climate change. Developing a new type of standard in a new topic area is tricky – but John rallied experts with no standards experience, kept them invested over three years, and steered them through the standards development process – although he had also never done it before himself. John worked hard to understand the process, with excellent support from the BSI Committee Manager David Hyde. He tirelessly helped to locate international delegates to join the work, keeping in touch with everyone throughout the process, and promoting the work at every possible opportunity. John is a natural at the consensus process. He went out of his way to ensure that all countries viewpoints and opinions were heard and encouraged the quieter experts to put forward their views in meetings. Even when there was disruption and heated debate, he continued with the process of building consensus, gently steering the conversation and insisting that everybody be heard. He followed up afterwards, working to read through and "tidy up" afterwards. Even though he was the convenor who led the work, John was careful to ensure that his co-convenor from China was recognized in a leadership role – whether in presentations or in ISO articles. Since publication of the standard, John has written about it for ISO and BSI and stakeholders such as membership organizations, and he has spoken at many national and international events. and others. Climate adaptation is about adapting to a life-threatening change of climate and John has helped to ensure that businesses all over the world have a framework that they can use to make their organization, their projects and their supply chains climate-resilient.

Winner: Chris Moller MA, C.Eng, MIET

Chris has been a driving force in developing a UK-led, International Electrotechnical Commission (IEC) standard IEC TS 63255-2, which is the first project to be approved by the IEC systems committee on low voltage direct current. The standard will support both established and developing countries to couple low voltage direct current appliances correctly and safely with the appropriate LVDC supplies. There are a significant number of parameters that must be checked for compatibility to avoid injury or damage to equipment. His ability to concisely explain the concept of the standard has meant he has been able to engage British and international standards bodies to work collaboratively and develop a compatibility standard for LVDC devices. Chris has formed positive relationships with both international and UK experts; he has been creative in his approach to overcome any obstacles that have been presented to him, and he ensures all relevant parties are included in the decision-making process relating to the standard. It is worth noting, that Chris has been working with IEC and BSI on this specific project since 2017. The project evolved according to the feedback from both BSI and IEC members and the UK submitted a successful proposal in 2019. Chris's ability to listen, create and collaborate has undoubtedly helped to achieve the approval of this project this year. His passion for safe use of appliances in developing countries is clear to see, both through his leadership of this project, and in his personal activities too; Chris is a trustee and treasurer of a further education college in Ghana, teaching electrical installation. This is an urgent issue for the developing world: there were over one million standalone LVDC solar systems installed last year in developing countries, with no standardization in place, and sometimes with three or more different voltages within the same village.

Education about standardization

This award recognizes exceptional contribution in integrating standards and standardization into higher education curricula and/or promoting student education projects and research around standards.

Winner: Irina Brass PhD

Irina teaches in UCL's Department of Science, Technology, Engineering and Public Policy (STeAPP). STeAPP promotes action research and experiential teaching about how science, technology and engineering expertise can support policy-making in order to tackle global challenges. Her research focuses on new, adaptive and dynamic ways of governing disruptive technologies, especially digital and bio-tech. She has an interest in understanding how epistemic communities – such as national and international standards bodies – develop “consensus knowledge” that supports new policies and regulatory interventions for tackling the risks of emerging technologies. Since 2017, Irina has chaired the Internet of Things (IoT/1) committee. Irina leads three courses on the interdisciplinary Master of Public Administration (MPA): Public Administration; Introduction to Digital Technologies and Policy; and Risk Assessment and Governance. Across these courses, she explores how standards underpin responsible innovation and inform policy-making, focusing primarily on the underexplored and often misunderstood relationship between standards, policy-making and politics. Each year she also leads one of the MPA Group Projects, where students work with partner organizations to solve policy-relevant problems. Four MPA candidates partnered with BSI this year to help understand the challenges SMEs have with IoT standards. Through British Standards Online and BSI case studies – such as on connected autonomous vehicles (CAV) - she explores the challenges faced when developing standards and policies for emerging technologies. Irina also makes use of BSI guest talks – most recently a risk management committee member spoke to students about how risk management standards are developed, reviewed and implemented. Standards and standardization processes are often perceived as the domain of technical experts, and as removed from important societal issues such as consumer protection, responsible innovation and policy-making. For Irina “the reality is that standards matter for the next generation of decision-makers and policy-makers we’re preparing at STeAPP through our teaching and research practice.”

Winner: Cher Li PhD

Cher has over 15 years' experience of researching the economics and management of innovation, business performance and innovation, productivity and standards and standardization, and has published extensively in these areas. Alongside her research, she teaches several modules on innovation, internationalization and business economics. Cher sees it an integral part of her teaching to equip her students with a solid understanding of standards, "which are essential in this interconnected and interdependent world". She teaches two economics-based modules that feature standards. First, standards teaching is an important element of her economics of innovation module, which is offered to Nottingham University Business School (NUBS) undergraduate students, including those majoring in industrial economics, finance, accounting and management; and management studies. Here she makes a distinction between *de jure* and *de facto* standards. Second, she also teaches two standards-related sessions on the NUBS Executive MBA course. Both the undergraduate and Executive MBA modules have "benefited significantly from BSI guest lectures" and case study sessions. In addition, Cher is leading an ongoing research collaboration with BSI addressing the productivity challenges facing the UK (and many advanced economies) by focusing on the role of technology standards in enabling diffusion of ICT technologies and business innovation. The collaboration also includes an ESRC-funded Transforming Productivity Hub with six other universities and an ESRC-funded PhD studentship (for which BSI is the partner and mentor).

Winner: Corinne Quinn

Corinne teaches on the MA Design Practice and BA Design at Goldsmiths, University of London. Her research explores how narrative, materials and visual culture are involved in the production of space. Goldsmiths is internationally renowned for its inventive, experimental and critical engagement with social and cultural life and the role of designers and design therein. It attracts conceptually strong students with interdisciplinary backgrounds who want to engage critically with the world through design and making. The MA Design Practice uses a post-disciplinary approach, allowing students to transcend traditional design disciplines and develop work that pushes the boundaries, including the relationship between standards and design, and how they invisibly shape what's produced. And in particular, the process of standards-making in relation to 'design by committee' – a colloquial design industry term for a concept that's been watered down beyond all recognition due to too many voices. Corinne is interested in the role of expertise in democratic and bureaucratic aspects of standard-making, and how this is enacted or voiced in forum-type spaces. In 2018 Corinne ran a MA design brief that looked to engage students critically with standards in order to understand, and then subvert, reimagine or 'hack' into them. Students developed designs that hijacked the written and visual language of standards-making in order to produce new objects and then disseminate their new standards publicly. Students learned how standards are made and the detail they contain. A BSI guest talk was used to kick-start the teaching module. Through engaging with the brief students became aware of the standards and regulatory processes that go on behind the scenes for the everyday things that we see and interact with, and the potential implications for design. For Corinne this knowledge is important, as it encourages students to be aware of the rules in order to understand the potential in breaking or subverting them.

Leadership

This award recognizes exceptional contribution by a UK Committee Chair.

Winner: John Bradley

The Wiring Regulations standards are some of the most important electrical standards used by designers and installers of UK installations and have distinct features when compared with IEC JPEL/64 standards. The 18th edition was published last year, some 10 years after the 17th edition, and introduced several significant changes such as an appendix on energy efficiency, the extension of surge protection to overvoltage and introduction of arc fault detection (AFD) devices as advisory in certain applications. John has managed this large committee with four different panels and some 60 members for almost six

years. The committee is very diverse with representation from NGOs, trade associations, manufacturers and safety organizations. They often look at the issues quite differently and may wish to achieve different outcomes. Due to the scope and impact of this technical committee (TC) it must liaise with many other TCs and stakeholders. John manages the complex work programme efficiently and his amiable, even-handed and approachable style allows him to build consensus effectively. He is respected both for his personal qualities as a chair and as a highly competent and experienced engineer. John is never visibly flustered or angry in pursuit of TC business. Take the introduction of AFD devices as an example: this proved controversial at the time with some arguing that there was lack of adequate evidence for their effectiveness. John worked hard with the manufacturers to provide the evidence that eventually allowed a consensus to emerge for their advisory use in certain applications.

Winner: Phil Childs MIED

Technical product realization (TPR/1) committee Chair Phil Childs has been an inspirational leader to this large and dynamic national committee over his many years of standards work. Phil has overseen the transition away from the UK's much-loved engineering drawings standard, BS 308 – which was withdrawn in 2000 – to the ongoing development and improvement of the unique national framework standard, BS 8888. Providing support and encouragement to all of the subcommittees and Chairs under the TPR/1 banner, Phil's stewardship of the this area has seen the committee grow and expand to cover all aspects of engineering design, product specification, and product verification from its original technical drawings roots. As leader of the UK delegation to the ISO technical committee for geometrical product specification and verification (ISO/TC 213), one of the two international committees mirrored by TPR/1, Phil has been instrumental in ensuring the high regard for the UK's experts and national mirror committee held by their international counterparts. This has culminated in the UK taking on the secretariat of ISO/TC 213 in 2017, with BSI now leading the way internationally on the geometrical product specification and verification suite of standards.

Winner: Steve Denton

Dr Steve Denton is chair of the Structural Eurocodes committee (CEN/TC 250) and has been heavily involved in the Eurocodes work programme over 15 years. In 2019, Steve was reappointed as CEN/TC 250 Chairman for an unprecedented third three-year term, demonstrating outstanding support from the 34 CEN national members on the committee. Steve was the main negotiator with the European Commission (EC) in obtaining financial support for the development of the second generation of the Eurocodes, which resulted in the highest value for a standardization grant ever allocated by the EC. The high quality of the submissions for the standardization request resulted in EC Mandate M/515 (for amending existing Eurocodes) phase 2 work being awarded 49 out of a possible 50 (the highest ever score), and M/515 phases 3 and 4 were awarded the second highest score. Steve has implemented many organizational and project management tools to ensure the success of M/515. The result has been a clear direction for the development of the second generation of Eurocodes, placing engineers and engineering at its heart, and with two overarching objectives: enhancing ease of use and achieving exemplary levels of international consensus. M/515 phase 1 project teams concluded their work on schedule. Steve's exceptional engineering expertise, and knowledge of CEN and ISO drafting rules is a significant factor contributing to the continuing success of the work programme. The role of the chair demands significant diplomatic skills, along with robust organization, commitment and enthusiasm, all of which Steve has shown throughout his tenure. Steve prepares meetings pro-actively and conducts them skilfully and efficiently, listening to everybody and steering the forum to consensus. He has travelled extensively to support the Eurocodes, most recently to China.

Winner: David Petherick RIBA

David was nominated for this award by three different people and this is an amalgamation of the three citations received. David Petherick's committed leadership of the committee for design of an accessible and inclusive environment (B/559) over 20 years culminated in publication of the overhauled standards for design in the built environment, BS8300-1:2018 and BS8300-2:2018. These high-profile standards help to transform lives, through the creation of inclusive environments. As chair of the committee, David has led with thoroughness, attention to detail and integrity, and this has resulted in more accurate and credible standards, built on evidence and shaping change. As an architect and standards-maker, David brings significant experience and expertise to the team and also attracted and proactively included a diverse group of experts, encouraging participation and collaboration in order to deliver at pace. He has made the most out of the consensus method and BSI's technical authoring support, has met timelines and been instrumental in ensuring high quality and up-to-date standards. David has built and pressed for consensus and tactfully managed dissent and differences and has communicated across the standards-making community and within B/559, listening, learning and welcoming challenges. He has represented B/559 in coordinating committees and internationally. David nurtures and enables those in his committee to break new ground and his leadership has inspired respect and admiration from his immediate team and between committees. Those who nominated David said, "We as, committee members, nominate David, having all been supported by David from our first contacts." Before retiring as chair in summer 2019, David took great care to prepare the ground for his succession and to pass on his breadth of experience into the forward plan for B/559's work.

Winner: Jeremy Tinkler

A natural leader is someone who can bring unity to the most diverse of groups. This nomination is for a committee chair who personifies qualities of inclusivity, integrity and collaboration. Jeremy Tinkler has, for many years, led the way and provided consistent expertise in the area of risk management for medical devices. With the most recent revisions and development of ISO 14971 *Risk analysis for medical devices*, he has again provided leadership, commentary and input and ensured the UK national committee's (CH/210/4) position was correctly reflected and understood by the international committee. As a crucial area of strategic importance to BSI and the international standards development community the impact of strong UK leadership extends beyond the national committee. Jeremy frequently speaks about risk management for medical devices standards at conferences. Clear communication to unravel the complexities of harmonized standards in an ever-changing political landscape, managing international differences in opinion and forming true consensus among UK committee members makes Jeremy a leader worthy of recognition.

Representing Consumers

This award recognizes exceptional contribution by a consumer representative who has ensured the needs of consumers were recognized during the development of a standard.

Joint winners: Sheila Merrill FRSPH and Katrina Phillips

Both Katrina and Sheila have made major contributions on behalf of consumers, through their personal commitment, and by representing their organizations on the BSI Consumer and Public Interest Strategic Advisory Committee (CPISAC), providing strategic advice to BSI on consumer issues. Both have worked closely with the BSI Consumer and Public Interest Network (CPIN) for many years, providing consumer stakeholder representation in the development of British Standards. Two notable projects in 2019 were a BSI CPIN video supporting Child Accident Prevention Week and successfully proposing a BSI PAS to protect the health of consumers, mainly children, by reducing the risk of ingesting button/coin lithium batteries. Child Safety Week is run by Child Accident Prevention Trust to raise awareness of the risks of child accidents and how they can be prevented. The theme for this year is "Family life today: where's the risk?" It highlights the new dangers facing families today from our modern lifestyles and offers simple solutions to keep children safe. CPIN produced a video to support Child Accident Prevention

week, showing how standards can help reduce the risk of child accidents. Both RoSPA and CAPT contributed to the video, demonstrating how consumer stakeholders work together to increase the awareness of the role that standards can play in protecting children. BSI Consumer Policy and CPIN, worked together with CAPT and RoSPA, within a BSI hosted multi stakeholder project team, to consider the possible role for a standard, following the death of a three-year old child. This resulted in a proposal for the development of a BS PAS to reduce the risk of potentially lethal accidents involving children and vulnerable adults and 'button batteries', which has now been approved and will be sponsored by the Department for Business, Energy and Industrial Strategy (BEIS). The data and research provided by Sheila, Katrina and their organizations made a major contribution to the consumer policy demand for the development of this standard to protect the health of consumers.

Representing the UK

This award recognizes exceptional contribution by a committee member when serving as the UK Delegate to an international and/or European committee.

Winner: Stephen Colclough

Stephen Colclough has represented the UK on international and European committees in the electromagnetic compatibility (EMC) area for 16 years. EMC standards ensure that electromagnetic disturbances from equipment are limited and that equipment has an adequate level of immunity to such disturbances. This is a vital horizontal area impacting on many electrotechnical committees. Stephen is the leader of the UK delegation on one technical and two sub committees at IEC and the CENELEC technical committee for this area. In addition, he works tirelessly as the secretary to CISPR (International Special Committee on Radio Interference) and attends CISPR sub-committees as well as being a UK expert on a number of IEC and CISPR working groups. Through this work he is also a member of the IEC EMC Advisory Committee. Stephen is closely involved in the constant revision of EMC standards, ensuring that the standards reflect the current "state of the art", in an area of fast technological development and increasingly smarter products. In Europe, he has been deeply involved in work to ensure compliance with the essential requirements of European Directives. Stephen's fine eye for detail and meticulous checking that all the various standards in the portfolio remain consistent with each other is much appreciated by our European colleagues and he is frequently asked to collaborate in groups to produce complex drafts. Stephen works exceptionally hard at putting forward the UK view. His communication is clear, concise, diplomatic and supported by a thorough knowledge of the subject. He treats all other delegates with the utmost respect and has a strong appreciation of other cultures. His persistence and excellent negotiating skills enable him to gain acceptance from others for the UK position even when he is in a minority. Stephen is a great ambassador for the UK and his work has been a major contributing factor to the UK being a leading force in the EMC area.

Winner: Sam De Silva LLB, BMS (Hons), MBS (Hons), DBA, FCIPS, CITP, FBCS, FRSA

Dr Sam De Silva has been unstinting efforts representing UK interests in the development of ISO 31022 *Legal risk management* that is to be published shortly, having cleared the final balloting process. Sam has been influential in developing the UK mirror committee RM/1/4 that added to the inclusivity and relevance of the UK contribution to the standard. ISO 31022 was initiated by China but difficulties emerged that prompted action by the UK to support the development of an effective and globally relevant standard. Sam was asked to lead this work and, despite being a senior partner at an international law firm, throughout the process he has shown tremendous commitment, patience and consideration to diverse stakeholders in the working group and the national committees. He has worked to engage with colleagues and potential users to ensure the standard addresses the market need and meets the requirements of national or international good practice for legal affairs. Sam has had to balance a hectic professional and personal life with the work as a convenor and has been generous with his time and the resources of his firm in hosting meetings. His efforts enabled the UK to represent its position effectively to stakeholders from around the world, including China where cultural differences have made it, at times, challenging. The resulting standard will for the first time bring a focus on how

the management of risk needs to function in a global market. Sam has worked to the highest standards of respect, inclusivity and integrity in discharging his responsibilities and has ensured extensive collaboration and debate to ensure the integrity of the final standard. Given the complexity of the challenge and the difficulties encountered, his efforts should be recognized.

Winner: Howard Mason

Howard Mason retired in May 2019, having been a leader in standards for industrial data since 1978. He promoted benefits to global trade from fit-for-purpose standards and used unfailing diplomacy in aligning diverse stakeholders to reach consensus. Howard chaired the national committee for industrial data and manufacturing interfaces (AMT/4) leading major organizations participating to become equipped to operate globally (including the Ministry of Defence, BAE Systems, Shell, Rolls-Royce, Lloyd's Register and Babcock International). He also encouraged participation of specialist consultancies and universities to provide detailed technical rigour. Howard was head of UK delegation to the ISO committee (ISO/TC 184/SC 4), mirrored by AMT/4, from 1984 to 2000, and then he was chair of the committee until 2017 and thus was responsible for 738 standards. He implemented innovative procedures to develop large volumes of standards (191 in 2006 alone), applying thorough knowledge of ISO rules and engaging proactively with ISO Central Secretariat to deliver the standards programme. Howard nurtured the involvement of new participants and with his in-depth understanding, he co-ordinated extensive technical content including specifying enterprise-scale processes, semantically precise data definitions and mechanisms for data exchange. He facilitated the convergence of requirements and demands from powerful and influential stakeholders such as government departments, global manufacturers, owners and operators of high-value engineered assets and vendors of enterprise-scale software systems. Howard secured commitment from SC4 participants to perform continual improvement of existing standards and to identify opportunities for new standards such as ISO 8000 for data quality, which now enables reliable data governance across Network Rail. He promoted practical adoption of SC4 and related standards across industry through his involvement in collaborative ventures such as UK Council for e-Business, Aerospace Industries Association, and AeroSpace and Defence Industries Association of Europe. He also participated in the MoU Management Group, promoting overall coherence of international activity on standardization to enable electronic business and chairing the group from 2003 to 2017.

Winner: Peter Young DSc(hon), CChem, CIWEM, CIWM

Peter has always been passionate about all things "green". He has strong credentials, including as chair of the Green Purposes Company - whose primary function is to protect the green purposes of the Green Investment Bank - and former Chair of Aldersgate Group - an alliance of leaders from business, politics and civil society that drives action for a sustainable economy. Over the past two years, he has helped spearhead a new area of work for BSI: sustainable finance. This will enable us to establish internationally applicable standards to advance green and sustainable finance practices and respond to challenges that organizations face in integrating environmental, social and governance (ESG) practices into investment and financial decision-making. Peter is chair of the Strategic Advisory Group for BSI's sustainable finance standardization programme, helping to bring together UK government (as part of its Green Finance Strategy), the UK financial industry, sustainability specialists and standards developers to support this important programme, and ensure its outcomes are impactful, practical and relevant. Peter is leading the way internationally as chair of the new ISO/TC 322 on sustainable finance. He has gained ISO Technical Management Board (TMB) approval for the revised technical committee (TC) scope, actively engaged with other relevant ISO TCs and with new and influential external liaison members, bringing a new audience of leading international experts to the world of standards. Peter also chairs BSI's Sustainability Advisory Group which provides strategic advice and guidance to BSI on sustainability issues and needs of the marketplace. Peter has navigated a complex and quickly changing landscape. His outstanding commitment, diplomacy, experience and leadership has made him a respected member amongst national and international stakeholders and has helped raise their awareness of the work BSI and UK Government have undertaken in the area of Sustainable Finance.

BSI Standards Users Awards

BSI Standards Users Awards recognize how organizations have used a voluntary standard(s) to achieve a particular outcome(s) for a specific project, product or service.¹ And the 2019 Winners are:

Winner:	Outcome achieved:
Royal Botanical Gardens Kew	Resilience
Penguin Watch	Trust
FM Conway	Productivity

Resilience

This award recognizes use of voluntary standards to increase the resilience of their business and mitigate risks.

Winner: Royal Botanical Gardens Kew

Royal Botanical Gardens Kew is recognised for developing Resilience through the use of the voluntary standard BS 9997:2019 *Fire risk management systems*.

The Royal Botanical Gardens at Kew is a world UNESCO world heritage site maintaining an important piece of British architecture and social history. It has in its responsibility the Millennium Seed Bank at Wakehurst, the world's most important storage premises for food crops and ancient species. Their goal is to safeguard these seeds for generations to come, if the building were to cease to exist it would instantly make thousands of species extinct. Kew also runs research projects and programmes focus on addressing key global challenges such as climate change and food security. As the organization is of such huge historical and social importance, its premises are well covered in terms of fire protection and training. Its work has always been carried out following British Standards with the utmost due diligence. However, having identified a gap in how to tie in individual premises with different risks and needs on a management level, Kew Gardens enlisted the help of BB7 Fire. BB7 participated in the development of new standard BS 9997 *Fire risk management systems* and guided Kew through its strategic management guidance. BS 9997 is designed to assist users to develop policy, strategy and procedures to highlight weaknesses and to ensure future decisions are taken in a structured manner. Implementing the standard highlighted significant potential risks which otherwise wouldn't have been spotted. BS 9997 enabled Kew Gardens to have faith in its protocols, precautions and procedures, linking numerous departments, buildings and contractors together through structured communication.

[Click here](#) to view the supporting documentation.

Trust

This award recognizes use of voluntary standards to increase trust from their clients, in their supply chain, from consumers, etc.

Winner: Penguin Watch

Penguin Watch is recognized for developing trust through the use of voluntary standard BS 8848:2014 *Specification for the provision of visits, fieldwork, expeditions and adventurous activities outside the United Kingdom*.

¹ The awards do not constitute any form of certification or kitemark but simply offer a means of recognizing the benefits of using voluntary standards.

Penguin Watch is an Oxford University based, complex, demanding research programme into changing distribution patterns of penguins and species survival around the Southern Ocean. A network of approximately 100 remote sampling stations across the Falkland and South Sandwich Islands, South Georgia and the Antarctic continent photographically record penguin nesting colonies at hourly intervals all year round, alongside gathering other information for subsequent large-scale data analysis. Findings inform international policy and educate the public regarding climate change. Intensive small group fieldwork over extended periods is required. The environment is physically hostile, climatically extreme, and difficult of access, demanding a high level of awareness of the hazards and problems of life and work in a remote environment. Properly informed consent to participate by everyone is essential. Very high standards of risk management and safety provision are necessary with a well-structured and ordered set of policies and procedures for land and water-based activities to enable its success. Collaboration with Stony Brook University, New York and logistical sea-based support by Quark Expeditions, Inc. are key to the operation and necessitate an internationally respected and agreed understanding of all project management, leadership and safety responsibilities. The project and its collaborators and third party providers are required to observe relevant university regulations regarding fieldwork safety. Demonstrable conformity to the British Standard BS 8848:2014 is vital to the project's success and public understanding. BS 8848's requirements, clarity and rigour provide essential trust to UK participants and Oxford University that the project's land and sea-based activities are all responsibly conceived and followed. Conformity necessitates overtly intelligible documentation which is agreed to by all stakeholders. Areas for potential improvements are systematically identified, formally considered and implemented further enhancing trust. The project is an icon of the standard's objectives.

[Click here](#) to view the supporting documentation.

Productivity

This award recognizes use of voluntary standards to improve/increase the productivity of a team, department or the entire organization

Winner: FM Conway

FM Conway Ltd is recognised for developing productivity through the use of voluntary standard BS ISO 39001:2012 *Road traffic safety (RTS) management systems*.

FM Conway, an infrastructure services company, provides inspection, design, enhancement and maintenance services in transportation and the built environment. It has operational and production facilities across the south east, manufactures its own construction materials such as asphalt and concrete and has a large logistics operation facilitating movement of product, plant and people to its works and customers. The company was one of the first in the world to develop and implement a road traffic safety (RTS) management system to enable the business to interact with the road traffic system to reduce, and ultimately eliminate, death and serious injuries related to road traffic crashes. The system was designed to satisfy and be certified to the voluntary international standard, ISO39001:2012 complementing the business's certifications to ISO 9001, ISO 14001 and OHSAS 18001. Activities include:

- a) Goods and passenger transport in the road traffic system directly, or sub-contracted.
- b) Activities generating traffic to and from locations controlled or influenced by the company using the highways network.
- c) Service delivery and products for the road traffic system.

This management system was developed to address issues commensurate with operating a large transport fleet within a, primarily, urban environment. It has been applied to:

- procurement, operation, maintenance of safe vehicles,
- competence assessment and training of drivers,
- awareness and culture of employees and stakeholders,
- innovation and improvement in safety measures,
- planning and implementation of fleet operations

Additionally, it references aspects outside the direct control of the business that may impact upon the road traffic safety performance of the business, such as:

- behaviour of other road users,
- design and layout of the Highways Infrastructure,
- location of work sites,
- impact of works undertaken by the business considered as construction sites falling outside the scope of the RTS management system.

The company continues to innovate, develop and facilitate continual improvement, a key requirement of the standard.

[Click here](#) to view the supporting documentation.

BSI Distinguished Service Certificates

BSI Distinguished Service Certificates are awarded to UK standards-makers in recognition of their contribution to standards development. The 2019 Distinguished Service Certificate recipients are:

Steven Andrews

Mike Barrett

Eran Bauer

David Bennett

Ken Brummitt

Mandy Chapman

Phil Childs

Steve Cowen

Chris Dean

Pete Doughty

Joanne Dunn

Geoff Edgell

David Ellis

Robin Garside

Martin Guest

Gordon Hayward

Christine Heemsker

Julie Hunter

Keith Lewis

Martin Lund

Stuart MacConnacher

A W MacRae

Howard Mason

David Matthews

Sue McGinty

Peter Natt

Mark Nightingale

John O'Hagan

Mike Palin

Barry Paul

Len Pillinger

John Powell

Peter Remnant
Andrew Renshaw
J Ryan
P R Sallis
David Sanders
Richard Scott
Jim N Slater
Graham Smith
Gordon L Smith
Alan Smith
Ricky Spencer
David Spillett
Geoff M Strawbridge
Brian Such (BSI)
Gordon Wanless
Roger Wellings
John Williams
Ian Wilson
Ron Young

If you would like any additional information about the BSI Standards Awards and Distinguished Service Certificates, or any of the 2019 winners, please contact us on standardsmakers@bsigroup.com.



IEC 1906 Awards – UK Winners 2019

Congratulations to the UK committee members recognized with an IEC 1906 Award in 2019!

Experts from all the IEC's sixty-one member countries are eligible to receive IEC 1906 awards. Created in 2004 by the IEC Executive Committee, the 1906 Award commemorates the IEC's year of foundation and honours IEC experts around the world whose work is fundamental to the IEC. The Award also recognizes exceptional and recent achievement - a project or other specific contribution - related to the activities of the IEC and which contributes in a significant way to advancing the work of the Commission. This year a total of two hundred and four awards are being made to experts from twenty-four countries. The UK received a total of ten awards in 2019 and their names and citations are provided here below.

Claudio Bittencourt Ferreira

In recognition of his contribution as a committed and active member of the ME-OMC since it was formed, also contributing to the development of the IECRE as a member of CAB WG 15. As a key contributor from the certification body perspective, Claudio Bittencourt Ferreira has provided valuable input in the development of the ME sector deliverables, including conformity statements and certificates. He provides consistent input to the work of WG 360 and the ME-OMC and is respected for his extensive knowledge and experience.

Tim Camp

In recognition for his role as convenor of IEC TC 88/WG 3, where has been a driving force behind the development of IEC 61400-3-1:2019 on design requirements for fixed offshore wind turbines. Under Tim's quiet and thoughtful leadership, this new standard has been developed in conjunction with the project team working on IEC 61400-1:2019. Tim's professionalism and technical excellence have been an essential element in National Committees endorsing this work.

Susan Dowson

In recognition of the important role she has played over many years in a number of different aspects of IEC TC 29, using her extensive knowledge in the field of electroacoustics. Through her detailed understanding of many facets of the work, she has been key to both the development and maintenance of IEC 60942, as convenor of MT 17, and in assisting with MT 4 and the revision of IEC 61672. For nine years she has served as an outstanding chair of TC 29 and has brought to bear wisdom and patience as well as personal efficiency and focus. Sue is now leading efforts to ensure that TC 29 output is clear and coherent for the user community. She has been a true friend to all those involved with the committee, from both a wide range of member partners across the world, and the TC 29 secretariat.

Nigel Nurse

In recognition for his active participation in IEC TC 32/SC 32B over many years, including a great number of contributions to MT 8, MT 9 and PT 60269-7.

Jeremy Owens

In recognition for his professionalism and dedication, which helped IEC TC 59/SC 59A successfully solve many tough topics during the development of an amendment to IEC 60436.

Tony Pierce

In recognition for his many years of service with IEC TC 78, including his leadership as WG 12 convenor and project leader of the revision of IEC 61057, and his contributions to many other TC 78 standards.

Mike Regan

In recognition for his active participation as a member of IEC TC 76 for many years. He has recently become convenor of WG 5 addressing the safety of fibre and free space optical communication systems. He showed significant leadership resulting in the approval of a new edition of the IEC 60825-12 standard for the safety of free space optical communication systems used for transmission of information.

Alena Wardle

In recognition for her role as member of IEC TC 15/WG 5 charged with the development and modification of important and comprehensive international industry standards for solid electrical insulating materials. Mrs Wardle has demonstrated a unique understanding of teamwork and technical acumen and skill in the development, modification and revisions of those specialized committee standards related to flexible insulating sleeving in the IEC 69684 series documents. The publication of the committee standards would not have been possible without her unselfish contribution of intellect and time to the committee's business. Her actions personify the qualities of commitment and devotion to international standardization sought in IEC volunteers and an attitude of team few match.

Christopher West

In recognition for his valuable contribution as a prolific writer of IEC TC 82 standards and as project leader for several of the IEC 62257 series. He is particularly knowledgeable in the areas of project development and PV system operations.

Rachel Willetts

In recognition of her excellent detailed and proactive work, reviewing every IEC TC 86A/WG 3 document that is circulated.

If you would like more information about the IEC 1906 Awards please contact the BSI International Policy team on international.policy@bsigroup.com or visit the [IEC 1906 Awards web page](#).