

Interests Register

Indoor air quality at home Public Health Advisory Committee

Publication Date: 06/11/2019

Name	Role with NICE	Type of interest	Description of interest	Relevant dates			Comments
				Interest arose	Interest declared	Interest ceased	
Prof Alan Maryon-Davis	PHAC Chair	Direct - non-financial professional and personal	Has an honorary professorial contract with Kings College London in public health. KCL might have a contractual arrangement with NICE and/or other organisations in the health or social care sectors. Involved in teaching only (no research) as an unremunerated affiliate from 10/2018.	2007	09/2017		Declare and remain
Prof Alan Maryon-Davis		Direct - non-financial professional and personal	Is a trustee of the UK Health Forum (charity). UKHF might have a contractual arrangement with NICE and/or other organisations in the health or social care sectors.	11/2012	09/2017	11/2017	Declare and remain
Prof Alan Maryon-Davis		Direct - non-financial professional and personal	Occasionally writes and broadcasts on a wide range of health matters in my academic and/or personal capacity (unpaid). None specific to indoor air pollution.		09/2017		Declare and remain
Prof Alan Maryon-Davis		Direct - non-financial professional and personal Non-specific	Trustee (Chair) of Alcohol Research UK/Alcohol Concern, an independent charity seeking to reduce alcohol-related harms through research and evidence-based advocacy.	2010	10/2018		Declare and remain
Prof Alan Maryon-Davis		Direct - non-financial	Trustee of Medact, an independent charity seeking solutions to social injustice, health inequity, climate	10/2018	10/2018		Declare and remain

		professional and personal Non-specific	change and nuclear proliferation through research and evidence-based advocacy.				
Chris Bojke	PHAC member	Direct - financial Non-specific	Freelance economist work for Roboleo Ltd and Bresmed. No work, past, present or planned has any relation to this guideline.	2009	02/2017		Declare and remain
Chris Bojke		Direct - financial Non-specific	Professor at Academic Unit for Health Economics, University of Leeds. No work, past, present or planned has any relation to this guideline.	09/2016	02/2017		Declare and remain
Chris Bojke		Indirect	Wife is a senior research fellow in the Technology Assessment team at the Centre for Health Economics (CHE), University of York. CHE is currently a NICE commissioned independent academic centre used as an ERG for technology appraisal decisions. Recent work under NIHR CLARHC contract has included public health related work for CCGs such as economic evaluation of air pollution interventions		02/2017		Declare and remain
Chris Bojke		Indirect	Mother is a private landlord with four properties in Newcastle		02/2017		Declare and remain
Jo Cooke	PHAC member	Indirect	NIHR (employer) undertakes research in public health, self-management of long term conditions and wider determinants of health particularly working with local authorities in Yorkshire and Humber	2008	10/2017		Declare and remain
Jo Cooke		Direct - non-financial professional and personal	Undertook a project defining outputs from research that can be defined as actionable tools (funded by NHS England)	2016	03/2017	2018	Declare and remain

Jo Cooke		Direct - financial	Private landlord of one flat.	2015	11/2018		Declare and remain in the discussions, stepped out of the room for the drafting of recommendations for RQ 3.1
Jakki Cowley	PHAC member		None declared		09/2017		
Rachel Johns	PHAC member	Indirect	Sister works for and has shares in Proctor and Gamble	01/1999	07/2015	09/2016	Declare and remain
Rachel Johns		Indirect	Sister is a GP	01/2013	09/2017		Declare and remain
Rachel Johns		Indirect	Husband works for Amazon Web Services	08/2018	09/2018		Declare and remain
Sarah Newsam	PHAC member	Direct - financial Non-specific	Became freelance / self-employed in the public health, social care and health care arena from February 2017. Previously employed in the public sector i.e. when I joined PHAC B.	02/2017	09/2017		Declare and remain
Sarah Newsam		Direct - financial Non-specific	An ongoing role as Chair of the Oldham Carers Partnership Board taken up in March 2017. Whilst this work is reimbursed, it is not at commercial rates as it is a voluntary / advocacy role relating to carers. The role is a strategic one relating to informal, family carers as a social and health care service	03/2017	09/2017		Declare and remain

			recipient/user group, NOT paid workers in the social care sector.				
Graham Rushbrook	PHAC member	Direct - financial Non-specific	Independent public health specialist working on contracts with a variety of Local Authority and NHS bodies nationally.	2008	06/2015		Declare and remain
Graham Rushbrook		Direct, Non-financial professional and personal Non-specific	Trustee of a treatment and therapy service for end of life. This is a charity and GR has the lead responsibility for governance.	02/2016	09/2017		Declare and remain
Graham Rushbrook		Direct - financial	Licenced landlord for Hastings borough council (3 properties total)	2001	11/2017		Declare and remain in the discussions, stepped out of the room for the drafting of recommendations for RQ 3.1
Graham Rushbrook		Indirect	Husband is a licenced landlord for Hastings borough council (3 properties total)	2001	11/2017		Superseded by above ruling
Richard Watt	PHAC member		None declared		10/2017		

Jane West	PHAC member	Indirect	Spouse was a private landlord for one residential property jointly with other family members and for one business property with his business co-director.	2004	10/2017	01/2019	Declare and remain
Jane West		Direct - non-financial professional and personal	JW is the National Specialty Lead for Public Health for the NIHR CRN.	2015	10/2017		Declare and remain
Deborah Jarvis	Topic Expert	Direct - non-financial professional and personal	DJ has published papers in this field. Publications in the last 12 months: 1. Norback D, Zock JP, Plana E, et al. Building dampness and mold in European homes in relation to climate, building characteristics and socio-economic status: The European Community Respiratory Health Survey ECRHS II. Indoor Air 2017; 27(5): 921-32.	2017	11/2017		Declare and remain as the publication was not included in the evidence base
Deborah Jarvis		Direct - non-financial professional and personal	2. Valkonen M, Taubel M, Pekkanen J, et al. Microbial characteristics in homes of asthmatic and non-asthmatic adults in the ECRHS cohort. Indoor Air 2017.(ePub ahead of print)	2017	11/2017		Declare and remain as the publication was not included in the evidence base
Deborah Jarvis		Direct - non-financial professional	3. Co-author on a multiauthor manuscript submitted in late March 2018 to the European Respiratory Journal entitled	03/2018	05/2018		Declare and remain as the publication was not included in

		and personal	“Home dampness, indoor microbiome, energy conservation and respiratory disease: progress and prospects” which summarises views from a European Respiratory Society workshop on the subject. Awaiting editorial decision.				the evidence base
Deborah Jarvis		Direct - non-financial professional and personal	Member of committee for medical effects of air pollution - DH advisory committee	2014	05/2018		Declare and remain
Fiona Macleod	Topic Expert	Direct, non-financial professional and personal non-specific	FM attends court cases and/or tribunals in the course of her work to represent the Council, and write reports informing elected members on technical issues as required.	09/2003	11/2017		Declare and remain
Patrick Saunders	Topic Expert	Direct, non-financial professional and personal	Chair UK Public Health Register – stepped down in September 2017	09/2016	02/2017	08/2017	Declare and remain
Patrick Saunders		Direct, financial non-specific	Director of carolan57 Ltd. Has confirmed that the private consultancy is not and will not be working in the topic area.	02/2013	02/2017		Declare and remain
Patrick Saunders		Direct, non-financial professional	Board member Faculty of Public Health	06/2015	02/2017		Declare and remain

		and personal					
Paul Harrison	Topic Expert	Direct, Non-financial professional and personal	Is a committee member for the UK Indoor Environments Group, an independent and impartial multidisciplinary network of professionals and academics working in the field of health, wellbeing and indoor environments (www.ukieg.org). All UKIEG committee members are unpaid for their role on the committee.	1995	02/2017		Declare and remain
Paul Harrison		Direct, financial non-specific	The Gas Safety Trust and Policy Connect contributed financially to support a UKIEG workshop, held last year, on indoor air quality policy in the UK. This involved payment to PH and other UKIEG committee members for their time in organising and presenting at the meeting and producing a report.	2016	02/2017	2016	Declare and remain
Paul Harrison		Direct, non-financial	PH is a past member of an EC committee on harmonising product emission safety evaluations. This was an unpaid position, although PH did receive payment on occasion from the EC Joint Research Centre for chairing meetings.	2010	02/2017	2016	Declare and remain
Paul Harrison		Direct, Non-financial professional and personal	PH was a member of the recent RCP Working Party on air pollution, and co-author of the ensuing report "Every Breath We Take". This was unpaid.	2014	02/2017	2016	Declare and remain
Paul Harrison		Direct, Non-financial professional	Has published unpaid articles, book chapters, etc., on the subject of indoor air quality. Three such articles have been published within the last 12 months:	2016	02/2017		Declare and remain as these publications were not included in

		and personal	<p>HARRISON PTC (2016) The air we breathe. In: Royal College of Physicians, Every breath we take: the lifelong impact of air pollution. Report of a working party. London: RCP, pp 18-32. [Report chapter].</p> <p>Wolkoff P, Crump DR & HARRISON PTC (2016) Pollutant exposures and health symptoms in aircrew and office workers: Is there a link? Environment International, 87(2), 74-84. [Journal article].</p> <p>Crump D, HARRISON P, De Brouwere K, Scutaru A, Daeumling C, and Wolkoff P. (2016). Health-based evaluation of chemical emissions from construction products to indoor air: Development and application of the EU-LCI harmonisation framework. Proceedings of Indoor Air 2016, 3-8 July 2016, Ghent, Belgium, paper 96. [Conference paper].</p> <p>Received no payment for any of these articles.</p>				the evidence base
Paul Harrison		Direct, Non-financial professional and personal	PH is an Associate Editor for 'Indoor and Built Environments', a peer-reviewed journal.	2005	02/2017	2019	Declare and remain

Paul Harrison		Direct, financial non-specific	Consultancy work (through IEH Consulting Ltd) for Allergy UK. This involves paid work advising Allergy UK on a protocol that should be followed by applicants seeking endorsement from Allergy UK for building and decorative materials that are suitable for use by allergy sufferers. Associated with this, IEH Consulting may (or may not) subsequently act as an assessor for submitted product dossiers. My role in this work is entirely advisory. Decisions on whether or not a product shall be endorsed will be taken by Allergy UK. The protocol (and subsequent product assessments) will focus on the identification of product ingredients and emissions that are irritants or sensitisers - and which therefore may pose a risk to allergy sufferers - according to established toxicological evaluations and classifications. This work does not present a conflict of interest with my role as a member of PHAC B on indoor air quality.	2016	02/2017		Declare and remain
Paul Harrison		Direct, financial non-specific	PH is presently advising Which? Magazine (Consumers Association Ltd) on the conduct and interpretation of a small study on indoor pollution in the home.	2016	02/2017	2017	Declare and remain
Paul Harrison		Direct, non-financial professional and personal	I am a member of the Technical Advisory Group for the RCPCH Report "Effects of Indoor Air Quality on Children and Young People's Health". This is a voluntary unpaid expert advisory role. It presents no conflict of interest with my role as a member of PHAC B on indoor air quality.	2017	05/2018		Declare and remain

Tim Sharpe	Topic Expert	Direct - non-financial professional and personal	Member Royal College of Paediatrics and Child Health (RCPCH) and the Royal College of Physicians (RCP) working group The Effects of Indoor Air on Children's Health Across the Lifecourse	06/2018	07/2018		Declare and remain
Tim Sharpe		Direct - non-financial professional and personal	TS chairs the NHBC Scotland Technical committee, attend the NHBC Standards committee and is a member of the NHBC council. These are all non-paid (excepting travel expenses) non-executive roles.	09/2014	03/2017		Declare and remain
Tim Sharpe		Direct - financial	TS is the sole Director of Environmental Research Ltd formed to manage my external work undertaking expert witness surveys on issues of dampness and disrepair.	05/2007	03/2017		Declare and remain in the discussions, but would have stepped out of the room for the drafting of any recommendations that involve issues around dampness surveys
Tim Sharpe		Indirect	TS's University does from time to time undertake paid work in the form of consultancy or research for industry partners including architects, housing associations and government or council agencies. These are primarily research, design and advice services.	09/1993	03/2017		Declare and remain

Tim Sharpe		Direct - non-financial professional and personal	<p>In the past 12 months TS has given a number of talks about our research into issues of ventilation and IAQ on a number of public platforms. These have included public and industry events such as Ecobuild, Vision London, Green Register and some CPD events. These are open events, but may be attended by ventilation manufacturers and suppliers, but are not specific to any one organisation. In some of these events there have also been speakers from manufacturers.</p> <p>These are not paid engagements, and only the Green Register event made a small contribution to travel expenses. The most recent of these was a CPD presentation to Maccleanor Lavington Architects in October 17. At these events, TS is primarily talking about our research work and findings</p>	03/2016	03/2017		Declare and remain
Tim Sharpe		Direct - non-financial professional and personal	TS sat on a ZCH committee 'Ventilation Steering Group', which did include some representation from manufacturers, the last meeting of this was in March 2016 prior to the closure of the ZCH. This was on a voluntary basis and was travel expenses only.	03/2015	08/2017	03/2016	Declare and remain
Tim Sharpe		Direct - non-financial professional	TS is co-chair of the Ventilation sub-group of the UK Centre for Moisture in Buildings, which is run by University College London. This is unpaid, but they cover travelling expenses.				Declare and remain

		and personal					
Tim Sharpe		Direct - non- financial professional and personal	In October 2016 TS was approached by James Butcher from Spinkhealth (https://www.spinkhealth.com/) acting on behalf of The British Electrotechnical and Allied Manufacturers Association (BEAMA) to ask if TS would be willing to present his research to an All Party Parliamentary Group entitled 'Healthy Homes and Buildings' at a meeting entitled 'Ventilation: tackling poor indoor air quality and protecting health?' Spinkhealth paid for his travel expenses to attend the meeting on 7th December in London at which TS presented the findings of his research.	10/2016	08/2017		Declare and remain
Tim Sharp		Direct - non- financial professional and personal	In August 2016 TS was approached by Simon Jones from Aereco, who had seen some of their published work on MVHR systems and the work TS had done for Scottish Building Standards Directorate (TS shared a platform at a Green Register event in London in June last year), who asked if TS would be willing to present this work to Aereco at their headquarters in Paris which he did on the 30th September 2016. The talk was on the findings from our research undertaken for Scottish Building Standards and Innovate UK as part of the Building Performance Evaluation programme. Aereco paid for travel expenses and provided overnight accommodation and subsistence.	08/2016	08/2017		Declare and remain

			In terms of paid consultancy work, we do not presently have any contractual work with manufacturers and suppliers.				
Tim Sharp		Indirect	TS's University has some collaborative projects which involve areas of design. These included a Knowledge Transfer Project with John Gilbert Architects (funded through Innovate UK) which is investigating the performance of retrofitted buildings, and two projects funded by the Construction Scotland Innovation Centre and the client organisations in collaboration with Andersen Bell Christie Architects, for two different projects which are attempting to improve ventilation provision. Whilst these projects may include the evaluation of products and systems, their role is to provide this in an independent and robust manner.	2014	08/2017		Declare and remain
Tim Sharp		Indirect	<p>TS's University has some Research Council and charity funding bids under review at the moment which include engagement with industry partners, but this is generally in terms of sensing equipment.</p> <p>UPDATE 26/01/18: We have been successful in a bid to the Arts and Humanities Research Council for a Bid entitled 'Influence of ventilation design on the prevalence of anti-microbial bacteria in homes'.</p> <p>Other partners include Leeds University and NHS Lanarkshire (both microbiologists). The industry involvement here is that a company called</p>	2009	08/2017		Declare and remain

			Footbot who make consumer IAQ sensing devices (VOCs, temp and RH) is providing some equipment at cost, we intend to evaluate the effectiveness of low cost sensors.				
Tim Sharp		Indirect	TS was the Principal Investigator for a network funded by the Arts and Humanities Research Council entitled 'Health Effects of Modern Airtight Construction'. This was a multidisciplinary network of groups and organisations interested in this field, and include members from academia, design, policy and industry. TS is the Principal Investigator for an Arts and Humanities Research Council funded project entitled Influence of ventilation design on the prevalence of anti-microbial bacteria in homes (AH/R002088/1). These are both research council grants which include an allowance for some of his time (HEMAC, paid for his work for an average of 1.5 hours week; AMR 4 hours week.	03/2016	08/2017	03/2017	Declare and remain
Tim Sharp		Indirect	Partner owns a flat which she rents privately, through a letting agency.	1998	10/2017		Declare and remain
Sani Dimitroulopoulou	PHE Topic Expert/ Non-voting Member	Direct - non-financial professional and personal	Honorary Affiliation with UCL (Honorary Senior Lecturer). This is an unpaid position.	2015	10/2018		Declare and remain
Sani Dimitroulopoulou		Direct - non-financial	<i>Vice Chair of the UK Indoor Environments Group (UKIEG)</i> . This is an independent and impartial multidisciplinary network of professionals and	2013	10/2018		Declare and remain

		professional and personal	academics working in the field of health, wellbeing and indoor environments (www.ukieg.org). All UKIEG committee members are unpaid for their role on the committee. This is an unpaid position.				
Sani Dimitroulopoulou		Direct - non-financial professional and personal	<i>Member of the RCP/RCPCH Working Group on "Indoor Air Quality on Children and Young People's Health across the Life Course". This is an unpaid position.</i>	2018	10/2018		Declare and remain
Sani Dimitroulopoulou		Direct - non-financial professional and personal	<p>Has published unpaid papers in this field over the last 20 years of years and 2 papers in the last 12 months on indoor air and personal exposure:</p> <p>Dimitroulopoulou C, Ashmore MR, Terry A, Hill MTR. Use of Population Exposure Frequency Distributions to simulate effects on policy interventions on NO₂ exposure. <i>Atmospheric Environment</i>. 2017; 150: 1-14. http://dx.doi.org/10.1016/j.atmosenv.2016.11.028</p> <p>McGrath JA, Sheahan JN, Dimitroulopoulou C, Ashmore MR, Terry AC, Byrne MA, 2017. PM exposure variations due to different time activity profile simulations within a single dwelling. 2017; <i>Building and Environment</i>; 116: 55-63. http://dx.doi.org/10.1016/j.buildenv.2017.02.002</p>	2017	10/2018		Declare and remain as these publications are not included in the evidence base

Resigned members							
Name	Role with NICE	Type of interest	Description of interest	Relevant dates			Comments
				Interest arose	Interest declared	Interest ceased	
Samantha Heath	Topic Expert	Direct - non-financial professional and personal	CEO of LSx that works on pollution related activities, often writes articles for journals and blog in relation to work on pollution. All income received is from LSx and the NICE funds and expenses that I receive go directly to LSx.		08/2017		Declare and remain
Samantha Heath		Direct - non-financial professional and personal	Member of the Healthy Air Campaign				Declare and remain
Andrew Hopkins	PHAC member		None declared		10/2017		Declare and remain
Carla Jones	Topic Expert	Direct - non-financial professional and personal	Chief Executive Officer for Allergy UK, which is a national patient organisation that supports people living with allergic disease.		08/2017		Declare and remain
Carla Jones		Direct - financial	I do have non-specific interests and non-personal financial interests which I believe are conflicts of interest that need to		08/2017		Complete exclusion

			<p>be declared. Allergy UK works with a range of partners and manufacturers of products. Allergy UK has a Seal of Approval endorsement, and an Allergy Friendly Product Award, which can be provided for products, for example air purifiers, where they are independently tested to scientifically prove that they reduce allergens from the environment. Some of these companies may also provide grants towards raising awareness of allergic disease. Companies include:</p> <p>ACP Solutions Limited ADVANSA Marketing GmbH Ajlan Bros. Allerman Co, Ltd Allersafe (part of Ulster Stores Ltd) Amway Arcelik A.S. Bio D Company Ltd Bio-Life International Limited Blueair AB BOKUK Electronics NHT Global</p>				
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			Butterflies Healthcare Ltd CGBio Clean Station Co. Ltd Comfy Quilts Ltd Coway Co Limited Cuchen Co. Daikin Europe NV DeLonghi Dondi Dyson Limited EcoEgg Ltd Ecover (UK) Limited Ecozone Ltd Elecpower Electronic Co. Ltd. Electrolux Asia Paciifc Electrolux Floorcare & Light Appliances AB EnviroAct UK Ltd Enviroproducts Limited Fellowes Ltd. Fogarty (Filled Products) Limited Forbo Flooring UK Ltd. Global Standard Consulting Ltd Greenscents Ltd Group SEB Happy Blossom Hitachi Appliances, Inc. HoMedics, Inc. Hoover Candy Limited Indesit				
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			Jarden Consumer Solutions (Europe) Ltd John Cotton Group Limited Karcher Keim Mineral Paints Ltd KERNAU Polska Sp z o. o. Kingclean Electric Kit for Kids Ltd LG Electronics (Vacuum Cleaners) L'Oreal McBride Meaco (UK) Ltd Mellor and Russell Ltd MIEL co.,LTD Miele Company Limited Mitsubishi Electric Home Appliance Co. Ltd. Mulberry Silk Nara Corporation Co. Ltd. NHT Global Nilfisk Advance A/S Numatic International Limited Ono OSIM Panasonic EU Philips Consumer Lifestyle * POLTI S.P.A Princess Worldwide Ltd Raycop Korea Inc RDI International Limited				
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			Reckitt Benckiser Commercial UK Respro (UK) Ltd Robert Thomas Samsung Electronics Co Limited Sanitized AG Sealy (Silent Night Group Ltd) Sebo (UK) Limited SharkNinja Operating LLC Sharp Signeo Design International Limited Soak and Sleep Thai Acrylic Fibre Co Limited The Wool Room Toshiba Trendsetter Home Furnishings Troldekt A/S Vax Ltd Vechro S.A Vestel Beyaz Esya Sanayi ve Ticaret A.S. Vision Support Services VSA Electronics Vybra Solutions Welcron Wellman International Winix				
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Carla Jones		Direct - non-financial professional and personal	Member of UK Indoor Air Environment Group		08/2017		Declare and remain
Carla Jones		Direct - non-financial professional and personal	<p>Member of European Federation of Allergy and Airway diseases patients associations.</p> <p>This group lobbies the EU on issues that impact on those we support. EFA have asked that we contact relevant UK Ministers in relation to a discussion taking place tomorrow on the review of the Energy Performance of Buildings Directive 2010/31/EU. I have been out of the office so only just been able to send this today onto the three key ministers:</p> <p>Business Energy and Industrial Strategy – Claire Perry Environment Food and Rural Affairs – George Eustice Health – Phillip Dunne</p>		08/2017		No further action needed – superceded by ‘complete exclusion’ on other conflict of interest

			<p>EFA, along with the European Respiratory Society and European Academy of Allergy and Clinical Immunology, have been advocating in the European Parliament for a compulsory certificate on the quality of the indoor air quality in European buildings as a part of the Energy Performance of Buildings Directive. Even though the newly voted directive does not foresee the provision of an indoor air quality certificate for buildings, some of EFA's considerations have been taken into account (namely, the need to maximise good indoor air quality and to have compulsory Member States ventilation inspections). At the beginning of December, EFA provided a template letter for members to write to their national Ministers ahead of the trialogue negotiations (Parliament, Council and Commission). As getting the certificate at this stage of the discussions is going to be very difficult EFA downscaled the</p>				
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			request and called for IAQ and health considerations to be included in the final text of the directive. Initially, it was thought an agreement might be reached before the end of the year. We know now that this is going to be quite difficult and therefore, we expect EFA will continue working on and communicating about this also in 2018.				
Carla Jones		Direct - non-financial professional and personal	Invited on 31/10/17 to give evidence to APPG healthy homes and buildings		08/2017		Declare and remain
Carla Jones		Direct - non-financial professional and personal	Meeting with beama 02/11/17 to discuss AUK providing piece for introduction on their white paper on links allergy and indoor air (beama may sponsor leaflets for AUK)		08/2017		Declare and remain
Carla Jones		Direct - non-financial professional and personal	Meeting with Liz Male, director of Liz Male Consulting Ltd to discuss construction industry and products. Allergy UK works with a range of partners and manufacturers		08/2017		Declare and remain

			<p>of products through our endorsement schemes. These are for a wide range of products which include, for example, bedding, air purifiers, paints, ceiling materials. Our charitable objectives involve providing information and advice to those who live with allergic disease and products we endorse have been independently tested to scientifically prove that they reduce allergens from the environment. Our trading subsidiary, Allergy Research Limited (ARL) manages these endorsement schemes and all profit is donated to the charity. We held a meeting with Liz Male on 20th November 2017 with our ARL Board and Chair of Trustees, and our senior management team to discuss the construction industry, and the potential to expand our range of products for endorsement. This was an information sharing exercise, which may have been what I</p>				
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			was explaining as this was not a training session. There are no training days planned. We will use our meeting with Liz Male to inform our strategic approach to next year and how we might approach this area of business.				
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