

Cambrensis Associates Panel

Associate	Associate Pen Profile
Andrew Ainsworth BSc PhD	Andrew is an experienced waste and environmental management professional with strong project management and technical delivery skills. He has worked with a wide range of public and private sector clients in the UK and overseas on a variety of projects. His track record includes waste management strategy, environmental assessment and management, sustainability assessment and reporting, policy analysis, development and implementation, data collection and analysis for nationally and regionally strategic projects and delivering support programmes to business. He has a strong track record of delivery on major waste management and environmental projects for clients including Defra, Highways Agency, Transport Scotland, WAG, Thames Water, Magnox Electric, London Underground and WRAP. As a result he has worked extensively with companies across the construction, utilities, food and drink, manufacturing and service industries. Andy is Associate Director at Room4 Consulting.
Malcolm Bailey B Sc DMS C Eng MICE MCIWEM	Malcolm (Director of Quercus Consulting) has over forty years' experience in the water industry working for both water companies and as a consultant both in the UK and abroad. He has wide experience in asset management and strategic planning having established the related systems and written two company Strategic Business Plans for price reviews. He has held directorships in Regulation and Customer Services covering economic and water quality regulatory reporting. In the Customer Services area he has extensive experience in data management and interlinking together with customer interface management, income maximisation and tariff design and setting. Since moving to the consultancy sector, he has undertaken technical audits and regulatory audits of annual returns and Strategic Business Plans for major water companies together with due diligence studies for water company sales in the UK and France. He has appeared as an expert witness in arbitration and mediation proceedings together with giving evidence to the former Monopolies and Mergers Commission and the Competition Commission.
Chris Baker	Chris is an experienced risk analysis and management consultant specialising in the use of innovative Dependency Modelling techniques. He enables clients to justify the allocation of finite resources and form a consensus, supported by logical, consistent risk analysis. His projects include capex reduction for a water authority; IT security risk analysis for a Metropolitan DC; projects covering fraud, money laundering and physical security; modelling actuarial, legal risks and insurance exposures in International Joint Ventures; and Supply Chain Risks in the manufacturing sector.
Professor Paul Bardos BSc PhD	Paul has since 1987 gained wide ranging experience in contaminated land management, particularly international approaches to management and to soil and groundwater treatment technologies. He co-designed the first remediation training modules for a Masters course, maintaining an interest in training ever since, including with CL:AIRE and at Reading University. He is a key player in decision support for remedy selection, and "sustainable remediation," involved in UK and international sustainable remediation initiatives, eg SURF-UK, NICOLE and SURF-Australia. He is known for his support to develop and commercialise new remediation technologies (eg Regenesis in the UK and Europe; University of Surrey and Forest Research "C-Cure" charcoal remediation product). He manages the EUGRIS portal for soil and water management. Memberships include the Chartered Institution of Wastes Management (CIWM), the Society for the Environment, the British Society for Soil Science, the Institute of Professional Soil Scientists and the Network for Industrially Contaminated Land in Europe. Paul has over 240 publications and is the managing director of r3 Environmental Technology Ltd.

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Stephen Barnett BSc Met CEng MIOM3	Stephen provides consulting advice on mergers, acquisitions, business strategy, markets, HSE and technical issues and optimisation to mining companies and projects for the mining and metals industries. He is a member of the extractive metallurgy and sustainable development boards of IOM3. His extensive international expertise includes Metal Extraction Technology; Exploration Development; Project Evaluation & Development ; Mergers and Acquisitions; Strategic Planning; Quality Assurance & Control; Research & Development; Financial Modelling and Evaluation; Health & Safety; Environment & Community Management; Financial Planning & Budgets; International Business Ethics & Culture; Performance Management; Client/Stakeholder Relationship; Business Intelligence; Policy Development & Implementation.
John Barraclough BA MSc MIEMA	John is an experienced sustainability consultant with a wealth of experience in helping both public and private sector clients to implement sustainable business practices. John specialises in a number of sustainable development work areas, including sustainability policy and strategy development, sustainable procurement, sustainable consumption and production through resource efficiency, climate change and energy, environmental management and environmental legal compliance. John has worked with a number of sustainability focused organisations including Sustainability West Midlands, Envirowise, WRAP, Groundwork, Resource Efficiency East, Local Authorities and Regional Development Agencies. John is a qualified and experienced environmental auditor, a full member of the Institute of Environmental Management & Assessment and a West Midlands Green Leader. John is Director of JB Enviro Ltd.
Margaret Bates BSc PhD	Margaret is manager of the Centre for Sustainable Wastes Management and Reader in Sustainable Wastes Management at the University of Northampton. She has been involved in wastes management for 20 years and undertook her PhD on landfill microbiology. Margaret is interested in all aspects of waste management. She is a Chartered Waste Management professional and a Chartered Environmentalist and is currently chair of the Chartered Institution of Wastes Management Scientific and Technical Committee. Margaret is currently working with key stakeholders to establish an electronics recycling facility in Nigeria. Margaret appears in "Resource" magazine's Hot 100 most influential people in wastes management.
David Brooks AMIEMA	David (Director of Brooks Environmental Ltd) is a strategic thinker who is commercially focused with proven leadership, organisational planning and relationship skills. Is able to articulate business objectives clearly and motivate teams to deliver. He has fifteen years experience in Energy Efficiency, Environmental Management, Sustainable Development and Waste Management.
Peter Burnap BSc PhD	Pete is a senior researcher and tutor at the School of Computer Science and Informatics, at Cardiff University. He has been involved in major European Projects, developing risk applications for assessing new technologies. He is currently working on secure data applications.
Steve Burnett BA MSc	Stephen is an economist with 20 years of wide-ranging practical experience as an environmental economist and financial analyst. His particular expertise lies in the economic / financial appraisal and financing of waste management and other environmental projects, and the development of business plans for new waste management facilities / services. He has recently been supporting some of the UK's largest waste companies in their bids for "Private Finance Initiative" (PFI) contracts as well as undertaking investment appraisals of waste projects across Europe for the European Investment Bank. He has also acted as Project Manager for the development of two integrated waste management facilities in the UK, and as finance director for a company developing a new thermal waste treatment technology. Stephen is an acknowledged expert on the economics of recovering energy from waste for many years and, in 1993, was retained by the Royal Commission on Environmental Pollution to prepare an assessment of the comparative economics of energy from waste in relation to landfill. This appeared as an appendix to its 17th Report (The Incineration of Wastes - 1993).

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Nigel Carter CEnv MIEMA FEI	Nigel Carter served in the Royal Navy before joining British Petroleum in 1970. He was employed in general management roles in sales, marketing, supply, distribution and off-shore production. Leaving BP in 1992, he established an environmental consultancy facilitating improved resource efficiency, environmental management system implementation, sustainability management and greenhouse gas emission quantification. He provides bespoke and public training programmes on environmental matters and has published books on environmental auditing and environmental due diligence, as well as articles in a number of professional journals. He recently completed a small business toolkit for implementing ISO 14001 for the International Trade Centre (ITC) and the International Organisation for Standardisation (ISO). Nigel is a Chartered Environmentalist (CEnv), a Member of the Institute of Environmental Management and Assessment (MIEMA) and a Fellow of the Energy Institute (FEI). He is currently a UK delegate to the ISO committee (ISO/TC/207 SC7/ WG2) developing standards on GHG quantification and reporting.
David Collier BSc	David has a strong background in human factors and safety culture and has been delivering high-profile interview-based evaluation and assessment programmes linked to organisational behaviour for well over a decade. His career has included technical roles in engineering, human factors, and then the internal regulation of organisational behaviour. He has managed two human factors/human behaviour consultancies, a decision support / stakeholder engagement consultancy, and a market research business specialising in offshore welfare issues. His SHE initiative project management roles included a site-wide safety culture programme on what was at the time Europe's largest mixed chemical facility, research into safe companies for the HSE, and a coaching team for Royal Mail's senior management. Decision support roles include a review with London Fire Brigade senior management of their management of stakeholder relations and a review for Bord Gais (the Irish Gas Board) of aspects of their resourcing and management decision making. He currently works as an independent evaluator on interview-based decision-making and organisational behaviour assessment programmes.
Henry Collin BSc MSc CEnv MIEMA	Henry Collin has worked as an environmental management and sustainability consultant for nearly 20 years. He has undertaken environmental appraisal, policy and management projects for a range of sectors including transport, energy utilities, renewable energy, urban regeneration, central and local government, planning, structural funds, rural development and tourism. He has worked for a range of governmental, public and private sector organisations in the UK, Central Europe and South East Asia. Henry has extensive experience in strategic and project level environmental assessment, sustainability appraisal, policy analysis, carbon assessment, institutional strengthening, training and research. Between 2007 and 2010 Henry managed the environment team in Transport Scotland, the Scottish Government's agency for transport. He advised on environmental assessment procedures, regulatory compliance, sustainability and climate change issues. He established and led the agency's Sustainability Review and the development of its Carbon Management System and continues to provide advice on a regular basis. Henry is a Team Leader with SAC Consulting.
Jeremy Comer BSc MSc	Jeremy is a lead software developer with a range of skills including problem solving, research skills, software design and customer support. He is a professional programmer with experience working with Ruby on Rails in an Agile Company; and has a flair for deduction, reverse engineering and experimentation. His AI understanding falls into two regions; Artificial Neural Networks and Genetic Algorithms. His major GA project used a genetic algorithm to evolve a trained neural network to control a simulated robot.
Barry Croft MSc DIC CEnv MIEnvSc	Barry is a Chartered Environmental Scientist with a Masters in Environmental Technology. He has 25+ years experience in environmental research and consultancy, particularly in contaminated land, ground gas investigation, Site Waste Management Plans, due diligence, pollution risk assessment, Environmental Permits and associated training. He runs his own consultancy business Green Brain.

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Ged Duckworth BSc SiLC	Ged is the author of the “Definition of Waste: Development Industry Code of Practice” and registered as a “Qualified Person” under the Code. The document provides a route out of the complex world of waste legislation. He has over 20 years experience in the waste management and land contamination fields. Working as an independent consultant he has been involved in a number of projects advising clients on best practice in remediating contaminated land sites – including the Avenue Coking Works in Chesterfield and obtained Environmental Permits and exemptions relating to a number of sites for various developers, contractors and a large water company. Currently Ged is working closely with a client remediating and restoring “dilute and disperse” landfill sites and developing renewable energy schemes upon them. Previously he was a member of the Cabinet Office Remediation Licensing Task Force and Special Advisor to Defra on their Waste Permitting Review project, which was the fore runner to the Environmental Permitting Regulations.
Richard Garnett City & Guilds (015, 030 Pt 1&2) NDAgE MRSA	Richard lectured for 12 years in Agricultural Engineering and Mechanised Crop Production at The Hereford College of Agriculture, progressing to the posts of Head of Engineering, Marketing Director, and member of the senior management team. He was the staff governor for much of this period. In 1987 I was interested in one particular challenge that was placed in front of the agricultural industry to control and improve operator and environmental safety when using pesticides. From contacts with the agrochemical industry he identified a commercial opportunity for equipment that could reduce operator and environmental contamination when handling pesticides and other industrial concentrates through improved engineering controls. After some private development work the level of interest from the industry and regulators was strong and he had also won an industry award for innovation. He decided to commercialise this work and formed Wisdom Agricultural Ltd. Two years later he left the college to concentrate on developing and marketing specialist equipment to the chemical industry. Wisdom has also generated a new joint venture company eziserv that focuses on in store retail dispensing and associated changes in the supply chain.
Amanda Goodger MBCI MBA MSc BSc(QTS)	Amanda has worked in Consulting and many aspects of the ICT world, in both the Public and Private Sectors over the last 18 years. Currently, she is Director of Research for the Cloud Security Alliance (UK & Ireland Chapter). Furthermore, she is proactively involved with CAMM (Common Assurance Maturity Model) i.e. business assurance framework as a steering committee member. Her experience has included working across business (large corporates to SMEs), academia and government at all levels – including locally, nationally and internationally. Her knowledge and know-how encompasses a holistic approach across technology strategy and risk, operational performance and management, resilience and cyber/information security, and critical infrastructure protection. She has a hybrid background with degrees in Maths and Education (Qualified Teacher Status), an MBA and recently an MSc in Information Security. Consequently, this has been her motivation for devising the Information Lodestone Research Programme concept (working with Cambridge and other universities) for the 21st century information world/’ecosystem’. This is evolving to grow and adapt with the ‘natural system’ information world attributes of NOW and tomorrow!
Professor John Gordon	John specialises in Business Risk and IT security;a former academic. John pioneered some of the techniques now incorporated into Public Key Infrastructure. In 1990 he devised Dependency Modeling as a risk analysis methodology. This has seen three software incarnations, used by, amongst others Abbey National plc, AEA Technology, Angel Trains, Alliance and Leicester plc, Balitmore Gas and Electric, Beasley, Bowring Marsh McLenna, British Aerospace, British Airways, BT, Burton Group plc, California Medical Center, Deutsche Bank, Eastman Kodak, EIG, Fidelity Investments, Fletcher Challenge (NZ), HSBC, Logica, Merrill Lynch, National Air Traffic Services, Neopost, PBM International, RaiTrack, Rank, Scottish Water, SmithKline Beecham, UK Treasury, U.S. Department of Transportation, U.S. Federal Aviation Authority, Union Bank of Switzerland, Willis Construction, Yorkshire Electricity. The latest version, VuRisk, uncovers organisational risk by Bayesian Inference, Fault-Trees and Failure Mode analysis. An author of over fifty scientific papers on data security and risk analysis, and Visiting Professor at the University of Hertfordshire, John is the founder of Concept Laboratories, specialising in risk analysis and cryptography.

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Richard Green BSc CEnv MIEEM AMIEMA	Richard Green is a consultant ecologist, holds a BSc Honours Degree in Applied Biology (Ecology), is a full member of the Institute of Ecology and Environmental Management and is a Chartered Environmentalist with the Society for the Environment. He has been a professional ecologist since 1993, when he was a Conservation Officer for the NRA, then EA. In 2001 he joined Halcrow Group Ltd as a Principal Environmental Scientist, and is now owner and director of Richard Green Ecology Ltd based in Devon
Jeremy Hilton BSc MSc	Jeremy is a Chartered Engineer with significant experience in: information systems strategy and design, implementation of PKI Certification Authorities, information security management and Systems Thinking. He is a Principal Research Fellow at Cranfield University/Defence Academy and retains some teaching and PhD MPhil supervision responsibilities the Cardiff School of Computer Science. He includes consulting assignments within his research activities. Research areas include systems methods for understanding and enabling resilience and systems engineering; risk assessment and propagation; classification and labelling of information enabling fine-grained control; and the communication of control needs within and between organisations.
Robert Holmes BSc PhD MIEMA CEnv MCIWM	His environmental expertise developed from waste management sector origins in 1975 and environmental compliance auditing with leading global and UK environmental consulting firms from the mid-1980s. He has carried out many environmental site assessments and audits in over 20 countries worldwide. These include in-house environmental compliance and due diligence audits, certification audits to ISO9001/14001 as a lead auditor and environmental liabilities auditing for US multinationals. Sector experience includes a range of manufacturing industries, commercial property and waste management. He is familiar with the audit processes/ requirements of major global manufacturing organisations. He has provided specialist inputs to projects in the waste management sector (development, operation, restoration and after-care of landfill sites, waste recovery and recycling centres and other waste management facilities). He has delivered projects for the Post Conflict & Disaster Management Branch of the United Nations Environment Programme in Iraq, Banda Aceh, and the Niger Delta. He is a Director of Holmes Environmental Ltd
Andrew Howe BA	Andrew is a proven entrepreneurial executive specialising in start-ups and getting new technology to market, based on 25 years electronics and 'high tech' experience. He has started and managed two separate successful UK clean-tech businesses, building them to ~25 staff and multi-million pound turn-over, securing series A & B VC funding. He has led multi-disciplinary teams transforming high tech product and project developments into successful profitable products and services.
Ian Jackson BSc MSRP MNI	Ian's background is in the regulation of major hazard industries coupled with strong strategic business skills gained from consulting to governments, nuclear decommissioning management firms, nuclear energy utilities and private equity and institutional investors in the finance sector. Ian is a former EA regulator with 25 years experience in the nuclear sector; 10 years in industry, 6 years in regulation and policy and 9 years in independent private practice. He has advised many organisations on regulatory issues, working extensively within central government, the financial sector and industry at senior level. Ian is the author of Siting New Nuclear Power Stations: Availability and Options for Government published alongside the 2007 Energy White Paper. Ian wrote the British government's anti-terrorism Strategic National Guidance to local authorities on chemical, biological, radiological and nuclear (CBRN) clean-up (2004). Ian's book Nukenomics: The Commercialisation of Britain's Nuclear Industry was published in April 2008. Ian is Director of Jackson Consulting and an Associate Fellow of Chatham House, a leading global think-tank.
Owen Jones MA (Cantab)	Owen is a seasoned IT infrastructure and application development manager with extensive experience in both project and line roles. He has a global career in financial services and environmental risk assessment, including 19 years working for Goldman Sachs and 5 years with Technica, a leading risk management consultancy. Owen has a track record of successful technical programme delivery, strategy design, service management and staff development working across multicultural environments in Europe, Asia and the US.

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Peter Jones BA PhD MCILT MCIM FCIWM FCIWEM FRSA OBE	Peter T Jones is involved in freelance delivery of the low carbon waste infrastructure having Chaired a Planning Advisory Group for Advantage West Midlands .He is building on that work facilitating links between funders, technology providers, waste companies, property companies and fossil energy users. He qualified as an Industrial Economist in 1969 , holds an Honorary Degree from the University of Southampton for work associated with Environmental technologies and is a Member or Fellow of CIM , CIWEM, CIWM , CILT. In the Waste sector, since retiring from Biffa in 2008, he is Chairman of Waste2Tricity,non Exec Director for C8S and Strategic Waste Recycling as well as Ecolateral Ltd. He advises a wide range of blue chips with regard to Distributed energy from Waste and Chairs the WRAP sponsored Gas to Grid Group. He advises a wide range of blue chips with regard to Distributed energy from Waste and Chairs the WRAP sponsored Gas to Grid Group.
Alison Mackay BSc AIEMA	Alison (who runs her own consultancy practice) is a Professional Environmental Manager/Scientist with 20 years'+ experience in environmental and resource management; environmental, risk and site assessment (including EIA); land use and ecosystems. She has substantial Project Management) in a variety of industry sectors; consultancies; conservation, research and government organisations; and local authorities. Her Areas of Expertise include Renewables (wind, hydro, solar); Environmental Assessment (impact, strategic, social); Management Systems (EMS, HSE, quality, audit); Resource Efficiency (waste, water, energy, processes); Sustainability; Ecosystems; Site Investigation; Planning.
Gary Nelson BSC CEng CEnv MICE	Gary provides environmental consulting services with a focus on helping clients cost-effectively manage environmental issues. He has the benefit of substantial expertise in dealing with the technical aspects of Environmental Management and has a strong regulatory background. He leads a bespoke business improvement team that is currently working with several large organisations delivering assistance with Resource Efficiency and Carbon Management Projects. This also includes regulatory advice and liaison with the Environment Agency and Local Authorities. Gary is Managing Director of Abricon Ltd.
Dr Richard Pagett MCIWEM CSci CEnv Cbiol	Richard specialises in sustainable development and climate change with 30+ years of professional experience across nearly 100 countries. He holds a PhD in subjects covering ecology, geology, physiology and chemistry and is a member of a number of professional bodies, holding Chartered status in environment, science and environmental management. He has worked within a diverse range of sectors including governance, oil and gas, road, rail, air & sea transportation, tourism & recreation, water resources, waste, forestry & agriculture, harbours & marinas, dams & reservoirs, fossil-fuel & CHP plants, chemical, manufacturing, light engineering, automotive, construction, quarrying & land reclamation, and urban development.
David Porter BSc MSc	David is Director of Resilient Thinking, the business resilience specialists. For over twenty years his work has covered compliance, fraud, money laundering, cyber security, counter-terrorism, business continuity, information assurance and crisis management. He consults to government and commercial clients, his most recent assignments involving the protection of public crowded places from terrorist attack and the enhancement of fraudulent application screening techniques. An experienced media commentator and conference speaker, David's book contributions include 'Analysis for Knowledge-Based Systems', 'The Washing Machine: Money, Crime and Power in the Offshore System' and 'Handbook of Research on Information Security'. He holds an MSc in Advanced Methods in Computer Science from the University of London and is a Certified Fraud Examiner.

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<p>Havard Prosser BSc PhD CChem MRSC</p>	<p>Havard was Chief Environmental Science Adviser at Welsh Assembly Government in the period April 2005 – December 2010. The main focus of the work was to provide advice to Ministers and policy staff on environmental issues including environmental protection, environmental impact assessment, biodiversity, climate change and energy, and resource use. This involved managing a team of technical staff. In addition the post involved close liaison with DEFRA, DECC and a range of agencies in Wales and England. He managed a research budget used to investigate specific Welsh environmental issues. In the period 1991-2005, He was Environmental Science Adviser in Welsh Office and Welsh Assembly Government in the period 1991 to 2005. Prior to working at the Welsh Office, he worked at two government research laboratories – Warren Spring Laboratory and the Laboratory of the Government Chemist. At WSL, he managed a marketing and planning and then a research team (materials recycling and decontamination of contaminated land). At LGC, he managed research teams developing new dental and biomedical materials, and new analytical methods for analysing foods and materials.</p>
<p>Raymond Purdy LLB LLM</p>	<p>As well as his role as Associate, Ray is a senior research fellow in environmental law at the law faculty's Centre for Law and the Environment at University College London. He was also Deputy Director of the Centre for law and Environment between 2004 and 2011. He previously held positions at Imperial College (Centre for Environmental Policy) and the University of Oxford (Environmental Change Institute). Ray has seventeen years experience working on contracted research projects in the field of environmental law and policy. He has undertaken research for industry, NGOs, funding councils, European Commission, UN, World Bank, and numerous governments. His main areas of specialism include: (1) the use of satellites and new technologies to provide legal evidence and to monitor and enforce laws; (2) climate change, where he has been an expert reviewer in this field for the Intergovernmental Panel on Climate Change, International Energy Agency and International Emissions Trading Association; (3) and the drafting and transposition of new environmental legislation, particularly in Europe and Asia.</p>
<p>Joe Reynolds BSc MBA</p>	<p>Joe worked originally as an engineer in industry gaining experience in all aspects of manufacturing including design, production and management. He gained hands on experience in all stages of manufacturing from the design of a prototype through to full production and installation. He held various management roles, from shop floor supervisor to Manufacturing Director. He has been a manufacturing and sustainability consultant since 1989. He was an advisor and counsellor for the Environmental Technology Best Practice programme for over four years advising over 500 companies on waste minimisation and clean technology. He ran several well-known club waste minimisation programmes including those for the Aire and Calder and Humber catchments. He served as a project manager monitoring and managing 6 ERDF programmes in excess of £1million that have been involved with the transfer and implementation of environmental technology through the University of Manchester. As part of the Yorkshire and Humber NISP team he worked on aggregates and with the construction sector, developing new products and processes. He is currently owner of Aspects International Ltd a sustainability training and consultancy company.</p>
<p>Mike Quint MA (Oxon)</p>	<p>Mike has over 20 years experience of assessing hazardous chemicals in the environment, with a particular emphasis on the quantitative risk assessment of soil, water and air pollutants. Graduating from Oxford University in 1987, he spent five years working as an environmental consultant in the USA, before returning to the UK in 1992. Since then, he has continued in consultancy and undertaken numerous projects for public and private sector clients and has helped to develop government guidance in the UK and Italy. A registered expert witness, Mike has provided evidence to Public Inquiries, a Civil Court, the Royal Commission on Environmental Pollution and a Parliamentary Select Committee. He is a frequent speaker at technical and legal conferences, a regular contributor to professional publications and has appeared as a guest on the BBC's Science View. He was a member of the Cabinet Office's Soil Guideline Value Task Force, is currently vice-chair of the Society of Brownfield Risk Assessment and is a Council Member of the Institution of Environmental Sciences. He is owner and Director of Environmental Health Sciences Ltd.</p>

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Miles Seaman BSc CEng CEnv MChemE MEI	After qualifying academically and industrially as a chemical engineer, Miles moved into consultancy and engineering services. This was accompanied by a shift of discipline into management science, operational research and applied economics combined with a sustained interest in applied engineering. He was one of the founders of a company of specialist engineering consultants which became a leading international name in safety and technical risk assessment including many aspects of health and safety at work. He then moved to a large services organisation as Director, where he led the development of a full range of plant integrity services. This included holding directorships of major subsidiary companies offering such services as non-destructive testing, quality assurance certification and engineering inspection. Over the last ten years he has acted as an independent adviser to industry and government. As a member of the Safety, Health and Environment Policy Committee of the Institution of Chemical Engineers he assisted in developing the Institution's position in these areas. He was founder Chairman of the Sustainability Subject Group of the Institution of Chemical Engineers and Chairman of the Engineering Forum for Energy.
Peter Smith MA CEnv MCIWM	Peter has worked in waste and environmental management for over 14 years, running two waste management companies. He has experience in whole project life cycle, business finance appraisals, technological and operational improvement activities, recycling operations, planning applications, waste management license applications and alterations, Environmental Impact Assessments, expert witness, performing due diligence and international contract negotiations. He has been extensively involved in engaging companies in the implementation of business improvements to meet sustainable aims and aspirations and preparing profitable business proposals in waste, energy and recycling. Through working with many different clients including Defra, WRAP, London Underground, British Coal, Transport Scotland, Daihatsu and many SME companies, he has developed a solid technical and theoretical knowledge in all aspects of waste in construction, demolition, the production of quality recycled aggregates, transport, landfill and waste recycling. He has experience in EMS design and auditing (BS 7750 / ISO 14001) and in land redevelopment and mining reclamation schemes. He is currently a Director of Logic Environmental Solutions Ltd.
Ed Spence FIEE, M.Inst MC	Ed Spence was at one time Manager of Engineering Development for BP Exploration, and subsequently Manager of HSE for BP Exploration Europe. On leaving BP in 1996 he set up Integral Safety Ltd as a Consultancy, under the umbrella of which, he consults to Major Companies and to Governments. His main interests are; (a) the effectiveness of legislation and company Regulations; (b) the long term control of Plant Integrity over time; (c) effective management of technical risk, and the specific responsibility of management in this regard. His clients include: UK and Australian Governments; Major Oil and Mining companies.
Guy Tanner BSc PhD MRSC	Guy is a (Quality, Health & Safety and Environmental) Management Systems Professional experienced in achieving customer service, quality improvement and operational efficiencies in public, service and manufacturing organizations. He offers a wealth of experience in developing and implementing strategies for competitive advantage through customer-driven change, implementing integrated systems and business improvement programmes and providing support to organizations with skills that span best practices in people & team development, process analysis, technical design and detailed implementation - all founded on years of experience as a line manager in quality assurance, health & safety and environmental improvement. Guy runs his own consultancy practice GreenTau.

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<p>Roy Thurston BTech MSc PhD CEng Eurlng FIChemE MIEMA</p>	<p>Roy is a high-achieving Chemical Engineer with a wide range of safety and environmental management experience in a variety of industrial sectors including oil and gas, chemicals, metals and manufacturing. In addition his clients have also included insurance companies, financial institutions dealing with mergers and acquisitions, etc. Roy has more than twenty years of experience covering most aspects of Safety and Environmental Management Systems including Safety and Environmental Management Systems; leading certification / compliance audits for onshore and offshore installations; Regulatory compliance, (COMAH, IPPC, etc); Hazard Studies (including HAZOP & HAZID Leader for oil & gas projects); Contingency planning / emergency response and Business Continuity; HSEMS training for all levels of personnel and preparation of operating & maintenance procedures; Supervised Human Factors studies for oil & gas installations; Cost-benefit analyses; Risk Assessments; Due Diligence studies.</p>
<p>Carly Tinkler BA CLA</p>	<p>Carly is a Chartered Landscape Architect, Environmental and Colour Consultant with her own practice and 30 years' experience on high profile projects throughout the UK and Europe. Several of her designs have won awards and competitions and she has contributed to several publications including the Landscape Institute's Guidelines for Landscape and Visual Impact Assessment (first edition). She specialises in Environmental and Landscape Planning and has extensive experience in Environmental and Landscape Impact Assessment , Feasibility Studies, Masterplanning and Landscape Design. She has been involved in several high-profile projects in Europe including proposals for the £20 billion Velika Plaza & Ada Bojana Development in Montenegro (Hydra Properties); the offshore expansion of Monaco (Norman Foster) and a coastal marina in Gibraltar (Multiplex / Foster and Partners). All these projects have entailed managing and co-ordinating multi-disciplinary teams of up to 65 specialists; client and project team liaison; masterplanning and detailed design; Environmental Impact Assessment; report / ES writing; production of OCEMP and EMPs; public consultation; and government level meetings and presentations.</p>
<p>Vladimir Trbojevic PhD DIC MSc DiplEng</p>	<p>Vladimir has been involved in the development and application of risk analysis methodologies in the design, construction and installation, operation and removal stages of large offshore oil and gas facilities. This experience has been successfully used for risk analysis of marine operations in ports where he has applied the bow tie approach and has developed a bow tie based safety management system. His other projects range from design assurance, consumer products liability assessment, transportation of LNG, evacuation from high speed rail tunnels. His research interest includes risk criteria for spillage, tunnels, shipping, ports and land-use planning, and development of integrated safety management systems based on bow ties. He is currently involved in improving ways for communication and transfer of major hazards and risk analysis knowledge to the workforce and the management. His publications include more than 70 papers published in scientific and engineering journals and conference proceedings. He is a founder of Risk Support Ltd.</p>
<p>Graham Wadelin MSc PhD CEng FIChemE</p>	<p>Graham is a Chartered (chemical) Engineer with (a) 8 years experience in the design, commissioning and troubleshooting of plant and equipment associated with the petroleum, carbon black and heavy/fine chemicals sectors . Close involvement with the central government environmental regulator (HMIAPI).; (b) 8 years working as an Inspector then Team Leader for HMIAPI and HMIP . Responsible for regulation of refineries, power stations, steel works, coking plants, aluminium works, waste incinerators, chemical plants, gas storage, nuclear installations, etc; (c) 15 years working for British Steel/Corus as a Businesses Environmental Co-ordinator and latterly as Manager Environmental Affairs, Corus Strip Products. Responsibilities included providing advice and guidance on all environmental matters related to the company's processes and products. His technical specialisms include Environmental Management Systems, Environmental Audit and 'Due Diligence'; Land Remediation for regeneration of 'Brownfield' sites; Waste management, recycling of resources; waste treatment methods; pollution abatement and control systems; EA/LCA of industrial processes and products (site specific or cradle to grave); EIA peer review.</p>

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Chris White BSc MSc

Chris (who runs his own practice) has considerable experience in delivering environmental assessments within industry, including international mergers & acquisitions, issues related to contingent and operational risk, sustainability, corporate social responsibility. He offers strong technical ability in due diligence, contaminated land and groundwater; adept at developing strategic & sustainable solutions, such as the emerging business risk related to water security. He supports clients to understand the technical / policy / regulatory issues as well as strategic & financial implications; to implement pragmatic initiatives and solutions, in order to gain and maintain competitive advantage and to meet their obligations and responsibilities. Managed the CAT Alliance global network (50 countries) of environmental partners for SKM-Enviros. This included visiting and working internationally and expanding the network in the USA and China. Currently member of the ASTM D18.21 Committee (environmental standards). Visiting work experience within: China, Denmark, Eire, Germany, Holland, Hong Kong, Japan, Malaysia, Oman, Philippines, Russia, Spain, Taiwan, USA, UK, Zambia, Zimbabwe.