CONTRACT SOLUTIONS
OUR EXPERTS WILL HELP YOU:
• AVOID DISPUTES
• MITIGATE DISPUTES
• RESOLVE DISPUTES

www.arcadis.com
AVOID DISPUTES

The first line of defense against construction disputes is to prevent them happening in the first place. To help you avoid disputes, our experts will identify potential risks and recommend the procurement routes and contract structures most likely to make your project run smoothly. Our quantity surveyors, building surveyors, project managers, architects, engineers and delay analysts will remain on hand throughout the project to avoid or prevent problems.

Each of our experts has the appropriate accreditation, the right level of experience and the specialist technical expertise to provide authoritative, actionable advice at all stages of your project. Each has the ability to grasp complex issues and clearly communicate solutions. Your assigned expert will also be able to call on the support of skilled colleagues throughout our worldwide network of Arcadis offices.

Our international team contains one of the largest pools of leading experts in quantum, planning and programming, project management, building surveying, defective works and architectural professional practice, dilapidation/party wall matters, health and safety, facilities management, environmental design and remediation and water, design and engineering.
MITIGATE DISPUTES

Unfortunately, disputes can arise on even the most appropriately procured and managed projects. When they occur, our practical initiatives to lessen their effect can maintain project performance, avoid delays and prevent business interruptions. Our international capability, coupled with local support, local resources and local knowledge, brings the right combination of skills to produce a positive outcome. We deliver tangible, measurable economic benefits.

A rapid response can mitigate the effect of disputes. Our ability to deploy large skilled teams in global locations without delay can stop a dispute escalating into a long-running conflict. Technology helps too. We embrace the latest developments and are committed to the use of efficient IT systems, data management and modelling techniques. This blend of scale, speed, skill and technology helps us deliver a superior service.

We deliver business focussed outcomes that are linked to the time and cost of projects, achieving a direct impact on the project and organizational profitability.
RESOLVE DISPUTES

If, despite everyone’s best intentions, a dispute escalates, you’ll normally need an Expert Witness to provide opinion evidence. In this case, our experts will respond with innovative approaches, management expertise, professional integrity and commercial acumen. We provide pro-active assistance for leading international law firms, Counsel and clients across the UK, Europe, the Middle East, Asia, Australia, North Africa and the USA.

Our experts know exactly what lawyers require. They have specialist training in legal procedure, relevant case law, damage assessments and the legal obligations of an expert. They’re skilled at report writing, have received coaching, undertaken live assessment sessions and are adept at handling cross-examination. Our experts also appreciate the importance of speed. The timely provision of opinions, based on relevant data, leads to well-considered early findings.
APPPOINT THE RIGHT EXPERTS

With a team of over a 260 specialist construction professionals, we are confident that we can provide the right experts to avoid, mitigate and resolve disputes within your organization. Members of our Contract Solutions team can also draw upon the support of over 28,000 colleagues in 350 offices. In over 40 countries around the world, our community of experts work together to share knowledge without the usual constraints of internal business unit barriers.

With unrivalled access to leading client organizations, other professionals and in-depth sector knowledge, we can offer you and your advisors many extra benefits. Importantly, we can also provide independent experts accredited by us and by the Academy of Experts. Our approach and accreditation process ensures that you will always have a knowledgeable, credible and persuasive expert by your side.

"I have worked with Arcadis for some years and have come to accept that they do not talk about high professional standards - they achieve them." Michael Cohen, Chairman Emeritus of the Academy of Experts
BECAUSE WE CAN BE EVERYWHERE. WE ARE NEVER FAR FROM WHERE OUR CLIENTS NEED US

For further information on how we can help settle contract disputes please contact:

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OUR EXPERTS IN THE UK

Gary Kitt
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Gary is a Chartered Quantity Surveyor and Chartered Builder with 32 years’ experience in building, engineering, oil & gas and process projects. Over the last 17 years Gary has been extensively involved in the provision of expert witness and claims services in connection with major building and engineering disputes. On numerous occasions Gary has provided both oral and written expert evidence on quantum and has regularly been cross examined by Leading Counsel in both the TCC and in arbitration hearings. Gary has also provided concurrent expert evidence or ‘hot tubbing’ in arbitration hearings. Recent experience includes:

Quantum expert
• Instructed on behalf of the defendant who succeeded in almost every aspect of the quantum of its defence and counterclaim on a £14 million gas pipeline dispute heard in the TCC;
• Instructed on behalf of the contractor and leading a team of consultants working on claims on a €multibillion infrastructure project in North Africa;
• Instructed on behalf of the owner in ICC arbitration proceedings dealing with claims for termination including prolongation and loss of profit on a $250 million aviation dispute in the Middle East;
• Instructed by contractor on US$1.8 billion hook up claim for an offshore platform in Asia.

Third party evaluation
• Regular appointments as adjudicator.

Lee Cookson
Delay Analysis
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Lee is a Chartered Building Surveyor and project manager with 30 years’ construction experience. Over the last 14 years Lee has specialised in the forensic analysis of project delay and has been appointed expert witness in numerous building and engineering disputes. Lee is the service leader for forensic delay and disruption analysis services throughout the UK and Europe. Recent experience includes:

Delay expert
• Delay expert on a cut-and-cover tunnel project in Asia involving a new 1.8km underground expressway and slip roads. Currently in arbitration;
• Delay expert on a new border-crossing in West Africa. The works consist of roads and car parks and buildings supporting border control activities on a 10 hectare site. Lee gave evidence at an international arbitration in 2015;
• Delay expert for the main contractor on a new-build college building, which included extensive demolitions and external works. Lee gave evidence in the TCC in October 2012;
• Delay expert by the Employer on a port extension project in North Africa. Lee prepared an expert report and gave evidence before a DAB in 2014;
• Delay expert for the fabrication contractor on the construction of a soft yoke mooring system for transportation to an off-shore oil field in the north Caspian Sea, Russia. Lee gave expert testimony in the TCC in 2013;
• Delay expert for the main contractor on a new housing development in Swindon. The scheme involved the design and construction of 204 individual dwellings and was settled through adjudication.
Roger Nutland
Quantum
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Roger is a Chartered Quantity Surveyor and Chartered Builder, with 29 years’ experience across construction and engineering industries. He has given expert evidence on quantum matters, has cross examination experience in both the TCC and at arbitration and is very well versed in varying forms of dispute resolution.
Roger is experienced in commercial management, final account negotiation and the preparation and defence of contractual claims. Recent experience includes:

Quantum expert
• Instructed on behalf of the Contractor to review loss & expense; counterclaims and variations on £85 million building project;
• Part of expert team on multi-billion USD international oil and gas project;
• Appointed on behalf of several Claimants reviewing substantial structural and architectural remedial works;
• Instructed on behalf of Contractor considering claims on $1b pipeline in the Middle East;
• Instructed on behalf of Sub-Contractor reporting on valuation of loss and expense and variations associated with substantial mechanical and electrical subcontract.

Expert advisor
• Reviewing entitlement to time and money claims on a £255 million hospital development;
• Preparation of extension of time / loss and expense claim on £30 million infrastructure project;
• Commercial work and claim development on £40 million energy from waste incineration plant.

Chris Ives
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Chris has over 20 years’ experience in construction management and forensic delay analysis with experience of complex projects up to £9 billion in value. He has a master’s degree in civil engineering. Chris spent his early career as a site engineer with a major civil engineering contractor. He then gained experience as a project engineer, manager and planning manager in a project controls environment. Since 2008, Chris has been providing expert delay analysis services for some of the leading expert consultancies to international and UK clients on diverse and complex projects.

Expert appointments
• Recently appointed by the owner operator to determine the cause of critical delay to completion of their $1.7 billion combined cycle power and desalination plant in the Middle East to assess the EPC contractor’s entitlement to an extension of time;
• Appointed as joint delay expert, assessing critical delay and providing expert advice to the EPC contractor in a complex case with numerous causes of concurrent delay to a $1.3 billion gas treatment plant in Algeria. The dispute is to be resolved in arbitration under ICC rules in 2016;
• Appointed as expert advisor to determine the as-built project critical path and identify the causes of actual delay in order to assess multiple extension of time claims on a central London hotel development;
• Acted as delay expert in an adjudication for a UK university building fit-out in assessing the extension of time due to the contractor in relation to delays in submitting employer design documents, issue of numerous variations and taking over the contractor design responsibilities.
OUR EXPERTS IN THE UK

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Gary is a Chartered Quantity Surveyor with 27 years’ experience in building, civil engineering, oil & gas, process and utilities projects. For the last 13 years Gary has specialised and been extensively involved in the provision of expert advisory and expert witness services in a wide range of construction disputes in litigation, arbitration, mediation and adjudication both in the UK and internationally. Recent experience includes:

Expert appointments
• Instructed on behalf of a contractor in respect of the remedial costs to damage to a new student facility;
• Instructed in respect of claims arising in connection with the construction of a new biomass facility;
• Instructed as part of an expert team dealing with claims arising in connection with the construction of a new gas refinery in North Africa;
• Instructed in respect of the cost of repairs and rectifications to a hotel;
• Instructed on behalf of a local authority in respect of claims arising from the installation of solar panels to the council housing stock;
• Instructed in connection with disputes arising in connection with the construction of a new commuter rail network.

Expert advisor
• Appointed by Contractor to assist in the preparation of delay claims under the NEC contract on a major bridge repair;
• Appointed by the Employer in respect of claims arising in connection with the construction of a new retirement village.

Sarah Kellerman
Quantum & Dispute Avoidance
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Sarah is a Chartered Civil Engineer with legal qualifications and over 28 years’ experience. She has worked in industrial, oil and gas, energy, rail, water, infrastructure and shipbuilding in design, construction, claims and dispute matters. She has acted as advisor and worked on expert witness matters in construction disputes for the last 10 years and has been responsible for project management and delivery of civil engineering projects for consultants and contractors. Recent experience includes:

Expert advisor
• Procurement, contract strategy and contract administration;
• Contract advisor for major projects on power station projects, new-build and retro-fit projects (£125 million to £1.4 billion);
• Strategic advice on claims preparation and defence;
• Dispute avoidance and dispute resolution in water, highways, civil engineering and power station projects.

Quantum expert
• Civil engineering works;
• Project insurance and risk audit on major rail civils project;
• Assistance to experts in oil and gas, power station, shipbuilding, highways arbitrations.

Training expert
• 200 people for external clients on the NEC 3rd Edition.
OUR EXPERTS IN THE UK

Richard Croxson
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Richard is a Chartered Quantity Surveyor and barrister with over twenty-five years of experience in contract and commercial management in the construction and engineering industry. He has provided contract, commercial and dispute advice for employers and contractors as well as preparing and defending claims for additional work, extensions of time, disruption and prolongation for domestic and international arbitration. Richard’s main focus now is on commercial optimization in projects and programs of work.

Independent expert
• Independent expert for quantum and time claims on the Mega LNG Plant Project (circa AUD$ 15 billion);
• Independent assessment of extension of time claims for ARTC’s South Sydney Freight Line Project in Sydney, Australia (circa AUD$1 billion);
• Independent Expert in dispute between the contractor and owner on a power station in South Africa (circa US$8 billion).

Third party evaluation
• Mediator in a civils dispute between contractor and utilities provider;
• Expert Determinator on a dispute relating to the maintenance of a number of city centre car parks.

Other appointments
• Dispute advisor for Contractor on the Marmaray Crossing BC1 Tunnelling contract in Istanbul circa (circa US$4.5 billion);
• Past adjunct professor of engineering and construction law and lecturer (UK and Australia).

Steven Bramall
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Steven is a Chartered Quantity Surveyor with over 35 years of experience and is an accredited expert witness. He is also a specialist in the delivery of employer’s agent’s services, for which he was for many years the Group Service Capability Leader. Steven has provided oral and written evidence and has been cross-examined by Leading Counsel. Recent experience includes:

Quantum expert
• Domestic and international disputes involving litigation, arbitration, mediation and adjudication: two separate airport terminal projects; major new university building; two separate private residential developments; refurbishment of regionally important listed building; major sports facility; retail development.

Expert employer’s agent
• Actions involving employer’s agents and fund monitors in insurance claims and in disputes between the parties on private residential, mixed use and social housing projects.

Expert employer’s agent
• Advice to local authority in dispute on various projects;
• Advice to utilities company in dispute with contractor on an NEC contract.
OUR EXPERTS IN THE UK

James Taylor
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James is a Chartered Quantity Surveyor and Chartered Builder with over 13 years' construction industry experience. He has provided arbitration / ADR support services and has undertaken expert quantum work for leading clients in connection with building, engineering and oil & gas disputes both nationally and internationally. James is accredited as a practicing Member of the Academy of Experts. His commercial management experience includes residential, mixed use, commercial, education and healthcare sectors. Recent experience includes:

Expert witness
• Expert report and evidence in adjudication proceedings regarding a £750,000 private residence remedial dispute;
• Provided an expert report for litigation proceedings in the Commercial Court, in relation to a commercial fire damage property including the costs of partial reinstatement and full reinstatement of the property in the sums of £750,000 and £950,000 respectively. Matter settled at mediation;
• Provided an expert opinion on an insurance matter relating to a £1,800,000 cost of reinstatement for a high specification residential fire damaged property;
• Expert assistance in respect of US$ 100 million plus arbitration on cost reimbursable offshore oilfield dispute. Quantification of complex man-hour, documented cost plus markup claims and supporting expert through two week hearing;
• Expert quantum assistance as part of multidisciplinary team assessing EoT, prolongation and disruption elements of multibillion Euro international civils mega-project.

Arbitration and ADR
• Adjudication services, preparing submissions and a wide range of issues as part of a series of 3 adjudications relating to construction of an electrical

Neil Postlewhite
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Neil has 25 years' construction industry experience in a variety of sectors including civil engineering, building, healthcare, water treatment, defence, aviation and education. Over the last 7 years Neil has specialised in the forensic analysis of project delay and has recently been appointed expert witness in building and engineering disputes. Neil has also been involved extensively with the prosecution and defence of extension of time claims in a wide variety of industry sectors. Neil also has extensive planning and project / programme management experience. Recent work includes:

Forensic delay analysis expert witness
• Expert witness for the employer on a delay dispute relating to a large sports complex in Wales;
• Expert witness for a large social housing provider on a complex high rise social housing scheme with part underground car park, settled in mediation;
• Expert witness on a London Underground control centre for the client on a dispute regarding late Completion;
• Assisted the expert witness on a large and complex dispute on a private residence in London that involved refurbishment of a 200 year old house with delays occurring due to changes to M&E designs, structural alterations and repairs;
• On behalf of the client on a delay claim related to the refurbishment of a 4 storey building for mixed-use retail and offices.

Forensic delay analysis expert advisor
• Advised on master planning to a local authority on a £1billion mixed-use housing scheme;
• Assisted a local authority on a claim against a mechanical and electrical consultant on a refurbishment project.
OUR EXPERTS IN THE UK

Charlie Woodley
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Charlie is an Associate forensic analyst specialising in high value, complex and data intensive claims. He provides strategic advice and advanced capabilities enabling client, legal and expert teams to undertake detailed analysis and persuasively present evidence even when confronted by the high volumes and variation in data associated with mega-projects and complex claim issues.

Expert witness / advisor
- Complex data aggregation, analytical troubleshooting and quantum expert assistance successfully defending £15 million of claims in respect of remote onshore pipeline works;
- Expedited audit of £35 million of refinery refurbishment works. Critically reviewed costs under a global framework agreement in preparation for mediation;
- Complex quantum valuation and aggregation expertise assessing EoT, prolongation and disruption claims on a multi-billion Euro claim relating to an international civils mega-project. 30+ million manhours, 8+ terabytes of project data;
- Quantum evaluation and repackaging of a US$ 100+ million claim relating to an offshore oilfield development. Complex aggregation and valuation expertise incorporating 20+ million manhours and 6 terabytes of project data.

Core skills
- Project data / disclosure evaluation and strategic advice;
- Complex data aggregation, analysis and valuation;
- Advanced analytics and data visualisation;
- eDiscovery, digitisation and data management;
- Expedited analytical problem solving and expert team efficiency.

Michael Fletcher
Dispute Avoidance
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Michael is a Chartered Engineer, Chartered Arbitrator and Accredited Mediator and has acted for clients, developers and contractors in the successful delivery of a number of landmark projects. During the past 25 years' he has held senior board positions within international blue chip property development and construction corporations and is a visiting lecturer in Construction Law and Contract Procedure. Recent experience includes:

Expert advice and training
- Procurement advice to an international investment bank regarding suitable FIDIC contract for major office redevelopment in Moscow. Subsequent drafting of Particular Conditions for FIDIC Red Book contract;
- Contract advice negotiating terms on behalf of general contractor in connection with Thameslink and Crossrail concessions;
- Risk evaluation for client, of proposed FIDIC Yellow Book contract provisions for cement plant near Moscow;
- Contract Advisor to UK / Norwegian joint venture client for development of a multi-storey shopping centre in Riga, Latvia. Drafted substantive amendments to FIDIC Orange and Red Books. Subsequently led negotiations with general contractor;
- Provision of contract advice and training to Arcadis operational staff (FIDIC, NEC, iChemE, JCT, GC / Works).
OUR EXPERTS IN THE UK

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Faye Allen  
Quantum  
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Faye is a Chartered Quantity Surveyor with 20 years’ experience in construction and engineering projects. Her commercial management experience covers a range of sectors including industrial, offices, refurbishment of historic buildings, schools, leisure, residential, religious buildings, rail and aviation for both public and private sector client. She is experienced in preconstruction, procurement, contracts, commercial management, final account negotiation and the preparation and defence of contractual claims. She specialises in the provision of expert witness services, forensic support in dispute avoidance, strategic contractual advice and claims analysis. Recent experience includes:

Expert report / assistance
- Expert report on £1 million professional negligence claim against a contract administrator;
- Expert report and internal strategic advice on a £1 million transport claim;
- Instructed on behalf of the contractor to review loss & expenses, counterclaims and variations on £30 million building project;
- Part of expert team on multi-billion USD international oil and gas project;
- Expert assistance report and evidence for adjudication proceedings regarding a £4 million private residence defects dispute;
- Reviewed entitlement to time and money claims on a £30 million retirement development;
- Preparation of claims for extensions of time/defence of claims received in respect of £25 million new build school.

Peter is a contract, litigation and commercial specialist with over 45 years’ experience in both the public and private sectors of the construction industry. He has considerable experience in the negotiation of insurance & contractual claims, bonds and contract conditions, parent company guarantees, due diligence / audits, drafting and has worked directly for solicitors. Indicative experience includes:

Expert advice and training
- Advice to large property company engaged on a PFI contract regarding FM procurement strategies; identifying deficiencies in existing and the drafting of new sub-contracts (£900 million);
- Negotiating with both clients and bondsmen all performance bonds and parent company guarantees for a major contractor including international and PFI projects;
- Preparation/vetting of over 150 contracts for BAA across Heathrow, Gatwick and Stansted Airports on NEC suite of contracts (£1.8 billion);
- Advising on implications of EU procurement law on procurement strategy for major urban redevelopment in Bath (£250 million);
- Due diligence searches in respect of insurances, bonding and project liabilities relating to £40 million of corporate acquisitions;
- Experienced trainer having written and presented courses in NEC3, claims management and public procurement procedures.
Alan Spray
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Alan is a Chartered Civil Engineer and Environmental Manager. He has worked in the water industry for over 40 years and has wide experience of the design and operation of water and sewage treatment works together with urban and cross-country pipelines, pumping stations and water service reservoirs. He has acted as an independent expert for loss adjusters and solicitors in connection with sewage plant malfunctions, pumping station shaft structural problems and drainage problems.

Expert advisor
- Appointed by OFWAT to advise on a dispute between a water company and a major developer in connection with infrastructure charges;
- Appointed by solicitors to advise on liability where it was considered that defective road drainage may have been responsible for a serious road traffic accident;
- Appointed by loss adjusters to assess the cause of a plant failure at a major sewage treatment works;
- Appointed by loss adjusters to appraise the causes of pumping shaft movement on a major storm water project;
- Appointed by loss adjusters to advise on the causes of pipe failure adjacent to a major pumping station.

Andy Saunders
Environment Issues
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Andrew is a Technical Director with over 20 years' experience in the environmental assessment and management of major infrastructure projects. He has managed the production of Environmental Statements and Environmental Management Plans for some of the UK's largest projects. His experience ranges from masterplanning stage, through optioneering, planning and construction. He has acted as expert witness at public inquiries and examinations for private and public clients across the UK covering all environmental issues. He has also led teams at public inquiries managing inputs from a range of specialists (e.g. air quality, noise, ecology, water, geotechnical, cultural heritage and planning). He has had training as an expert witness and has provided training to others on the process and consenting regimes.

Expert witness
- Expert witness on all environmental matters for 2 road schemes in North Wales;
- Expert witness on a range of environmental matters for a Highways Agency Scheme in England and management of expert witness and rebuttals team for a similar scheme in a national park;
- Expert witness at Unitary Development Plan inquiry in England;
- Expert witness for gas storage project in England;
- Air quality and noise expert witness for a business park access scheme in Scotland.

Experience
- Environmental management and leadership of large and complex infrastructure projects;
- Knowledge of range of environmental issues across all sectors including property, transportation, energy and utilities;
- Training consultants, clients and academics in environmental assessment, management and consenting regimes.
OUR EXPERTS IN THE UK

John Greiller
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John is a Senior Technical Director and Lead Project Manager with 37 years’ experience of highways engineering and project management.

Over the last 20 years John has focussed on delivering Smart Motorways, motorway junction and rural bypass schemes. He is Key Account Manager for Highways England. Recent experience includes:

Expert witness
• Appointed as expert witness for the Highways Agency during the six month public inquiry into the A57/A628 Mottram-Tintwistle Bypass and A628/A616 route restraint measures, a highly sensitive scheme on the outskirts of the Peak District National Park east of Manchester. John’s evidence covered the highway alignment, structures, street furniture and public rights of way.

Highways design
• Design and supervision of major highways in the United Kingdom, Turkey and Kuwait to Department of Transport, Ministry of Defence and County Council procedures and standards;
• Design management of concept, preliminary and detailed design, involving feasibility studies, technical appraisals, public presentations and contract documentation;
• Contract supervision of multi-disciplinary sites, civil, infrastructure and highway construction operations.

Project management
• Project management of major multi-disciplinary, multi-office design of highway and building structures projects.

Martin Wall
Failure, Materials and Inspection
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Martin is a Materials Scientist, failure, corrosion and non-destructive testing (NDT) expert with 40 years’ cross industry experience including oil, gas and petrochemical, power, nuclear, aerospace, buildings, hospitals and rail. Over the last 15 years he has been instructed as an expert witness for claimants and respondents on major Commercial Court cases and environmental appeals.

Martin has provided both oral and written expert evidence and been cross examined by Leading Counsel.

Expert witness
• Instructed as inspection reliability (POD) expert in high profile commercial court case on the integrity of the Gorilla V jack-up drilling platform;
• Instructed as expert on NDT for major last stage steam turbine blade SCC failures in UK for energy major (Claimant) and at Duvha South Africa for Eskom (Claimant), UK Commercial Court;
• Instructed as expert in claim for major cracking issue during fabrication of offshore jack-up rigs, due to issues of steel procurement;
• Instructed as expert to respondent in arbitration hearing on weld integrity and corrosion in services for iconic building, Canary Wharf, London.

Expert advice
• Expert advice on £500 million claim for hydrogen cracking in welds of thick section offshore wind turbine monopiles and transition pieces produced in Shanghai.
OUR EXPERTS IN THE UK

Ian Cooke
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Ian Cooke is a Technical Director within the Rivers Marine & Coastal Advisory Group with more than 28 years’ experience in coastal and maritime engineering. Ian has developed expertise in coastal processes, the design and appraisal of breakwaters, engineering design, numerical modelling, flood risk assessments, earth retaining structures, coastal defences, harbour walls, dry docks, pipelines, cooling water intake structures and outfalls. He is an experienced project manager having managed several large client facing and politically sensitive projects. Recent expert experience includes:

Expert witness
- Acting as expert witness for the defendant in relation to damage caused to moorings and dock equipment in a Nigerian port. Analysing the performance of a supramax vessel against original design criteria;
- Expert witness for a contractor, advising on the consequences and mechanisms behind the failure of a desalination plant shoreline & intake works; reporting on numerical modelling analyses and design of intake structures;
- Detailed independent technical review of the design of the intake pipelines to a desalination plant in Oman that collapsed during operation to establish the cause(s) of failure;
- Expert witness at public inquiry for the development of a new outer harbour development on the east coast of England, dealing with tidal hydrodynamics, sediment transport and breakwater stability.

Phil Girling
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Phil has over 30 years’ experience of design and contract management of major UK highways, from a contracting background within an ECI environment. He is experienced in the development of design concepts for, and delivery of, £multi-million highway schemes, from options phase through to construction and handover. Phil is experienced in the resolution of technical and commercial issues and has acted as main witness and given evidence in court in successful litigations.

Expert witness
- Expert in relation to the issue and adequacy of design information in arbitration proceedings on a border post in Nigeria. He also provided his opinion on construction durations and sequencing;
- Design expert witness for a consultant in defence of a PI Claim regarding the adequacy of original design and consequential alleged additional costs of construction for a UK distributor road scheme;
- Main witness in an arbitration against an insurance company for pavement damage regarding the method and type of repair adopted on a UK road scheme. Also was main witness in PI claim against the designer for the original design;
- Main witness in a litigation against the client for additional costs incurred following supplemental agreements with the client on a UK ByPass scheme.

Expert advisor
- Produced expert report and assessment for the Highways Agency into the adequacy of the drainage design on a recently constructed UK by-pass scheme;
- Provided engineering expert report into the failure of the pavement on a UK road enhancement project on behalf of the defendant in a PI claim. Provided subsequent advice to the legal team on construction related issues and rehabilitation proposals.
OUR EXPERTS IN THE UK

Neil Evans
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Neil has 27 years’ hydrology, flood risk and water resources experience. He has completed expert reviews and appraisals for the European Commission and provided expert witness services at court hearings and public inquiries in the UK and Ireland. Neil has also acted as an expert advisor in flood risk management to central and local Government. Recent work includes:

Expert witness
• Appointed as expert witness for Bloor Homes for a planning appeal inquiry into a proposed residential development adjacent to a watercourse;
• Appointed as expert witness on flood risk, drainage and water quality matters, on behalf of a number of Irish local authorities, for 4 separate highway improvement schemes at public inquiry;
• Appointed as expert witness for a court hearing on behalf of a private landowner in dispute with the local authority over repeat property flooding.

Expert advisor
• Appointed as flood risk and hydrology advisor to Welsh Government for the A447 St Clears to Red Roses highway improvement scheme;
• Appointed to prepare Development and Flood Risk policy and guidance for the Isle of Man Government.

Neil is a Chartered Physicist with over 25 years’ experience in risk assessment, fire, explosion, toxic gas and evacuation analysis. Based in the UK, he has extensive experience in safety and risk issues in the oil and gas industry and also in fire safety issues in chemical, rail transport, industrial gases, nuclear and other industrial situations. Neil has provided numerous expert reports on fire and explosion issues relating to both civil and criminal proceedings and has given oral evidence in Crown Court. Recent experience includes:

Expert witness
• High profile case regarding the Hazard to Life Assessment for the Hong Kong Airport Permanent Aviation Fuel Facility;
• Gross negligence manslaughter case following a fatal explosion of a cylinder in a scrap yard;
• Gas release in a domestic dwelling;

Fire and explosion advice
• Expert advice on a fatal refinery fire and fatal fire in an industrial unit;
• Fires and explosions on trains and industrial/retail premises;
• Advice to the UK HSE in relation to specific safety case assessment issues.
Steve Gill
Plant and Machine Failure, Bearings, Wear
CEng, FI MechE, Chartered Mechanical Engineer
Senior Technical Director
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Email steve.gill@esrtechnology.com

Steve is a Chartered Mechanical Engineer in Arcadis UK and rotating equipment expert with over 35 years’ experience of operational issues in a wide range of sectors, troubleshooting, and failure investigations of machinery and rotating equipment including prototype design. Experience includes wind turbines, marine propeller and pod bearings, trains, periscopes, nuclear, aerospace, oil & gas and defence applications. Steve manages Arcadis’ metallurgical, tribology (NCT) and forensic investigation and testing services at Birchwood in the UK. Steve has considerable experience in providing scientific engineering and evidence and is frequently consulted as an expert for industrial failures and commercial court cases.

Expert advice
- Involvement in expert witness cases including steam and gas turbine failures, wind turbines;
- Gas turbine failure investigation support;
- Root cause investigation of rolling element bearing failures in aerospace and other engineering fields;
- Technical Manager for the Network Rail NMT development vehicle
- Project Manager for the design of a Novel Nuclear Wagon;
- Effect of wheel imbalance on axlebox bearings. Review of axlebox bearing failures and root causes. Thermal analysis of Gmeinder gearbox bearing;
- Design, build and laser alignment of submarine periscope bearings;
- Design, build and installation of a high temperature/pressure water test facility for the Korean Nuclear industry;
- Review of Valenta engine piston ring failure and investigation of final drive pinion seal leakages.

John Beard
Plant and Machine Failure, Bearings, Ph.D, C.Eng
Technical Director
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John is a plant and machine specialist with over 35 years’ experience in carrying out route cause plant and machine failure analysis. Broad based knowledge developed from extensive practical experience of solving real problems in mechanical engineering, tribology and stress analysis. Specialist in fretting fatigue, environmental effects in tribology, contact mechanics, performance and design of bearings and seals, problems in bolting, failure investigation. John has provided numerous expert reports and has given oral evidence in on in both civil and criminal proceedings. Recent expert experience includes:

Expert witness
- Expert witness review of technical reports on Ducati 748 rear hub bearing failure. This was a legal case requiring an expert witness to investigate the seizure of a motorcycle wheel bearing which resulted in a serious road accident.
- Expert witness and engineering support to the defence team in an important manslaughter trial. Four track workers were killed when they were hit by a runaway trailer when the brakes failed. John provided support on all engineering matters to the defence team

Expert advice
- Investigation of Class 465 gearbox failures. A number of Cl 465 gearboxes failed almost immediately after major overhaul. An investigation was carried out which included a review of historical reliability; a design study; a component failure investigation and a review of maintenance and assembly procedures.
Eirwyn is a Chartered Principal Metallurgist and forensic engineering consultant with over 35 years’ experience in failure investigation, interpretation of forensic engineering data, metallurgical examination and materials selection. Technical investigations and problem solving for clients across the industry spectrum. Experience of a wide range of investigatory techniques including optical microscopy ESEM, EDX, XRD, FTIR, WDX, white light spectroscopy and mechanical testing. Eirwyn has considerable experience in providing scientific and metallurgical support to civil and commercial expert witness cases.

Expert advisor
- Involvement in expert witness cases including steam turbine failures;
- Metallurgical support, failure analysis, bearings, gearbox, carden shafts, engine mounts, tram articulation bearings, castings and forgings, corroded train body panels;
- Examination of historic bridges, Forth Bridge wires 201, suspension cables M48 Severn Bridge and Tsing Ma suspension bridge;
- Examination of wear resistant coatings and train breaking systems including rail wheels, brake discs, spindle bolts. Understanding the nature of debris found in cruise ship bearings;
- Metallurgical support and failure investigations for a gas company including heat exchangers, acid plant, pipework, vessels, Vortex finder;
- Failure investigations of bearings from wind turbines, fractured gears, last stage steam turbine blades and superheater tubes;
- Plant support to utilities company including failure analysis, fractography, weld and pipe damage, thermal degradation and creep assessments;
- Metallurgical examination of cracked heat exchangers.

Paul is a Principal consultant in Arcadis UK with over 40 years’ experience in tribology, materials and root cause failure analysis, especially polymers and rubbers. Paul’s expertise is cross industry including terrestrial, marine, defence and nuclear machines and plant. Paul has provided numerous expert reports and has given oral evidence in on both civil and criminal proceedings.

Expert witness
- Expert report on component failure of filter plate press on behalf of utilities major (claimant) in High Court of Justice, Queens Bench Division, Commercial Court;
- Instructed as expert in criminal case for HSE to produce expert report on plastic petrol containers which set on fire (claimant);
- Instructed as grease expert on behalf of a machine manufacturer including expert report, oral evidence and cross examination in witness box. UK Commercial Court (defendant);
- Produced expert report and held meeting with other expert witness on print quality and integrity of plastic enclosures for peat. UK Commercial Court (claimant).

Expert advisor
- Consultancy on a wide range of materials and failure analysis issues. Primary responsibility for managing periscope bearing development, manufacture and supply as well as developing laser alignment capability for these bearings.
Maciej has over 10 years’ of experience in the construction industry. He is a registered expert witness (Polish court) in the field of technology, organization and management of construction projects, a member of the Association of Consulting Engineers and Surveyors (SIDiR), Chamber of Construction Engineers and has an unlimited building license. Maciej has extensive experience gained working for both contracting and consulting companies and leads a team specialising in Contract Solutions.

Quantum expert / delay analysis
- Claim to prolong the term of contract and raise the remuneration associated with prolongation of time and acceleration of time;
- Claim to prolong the term of contract and increase the associated remuneration for construction of the National Stadium, Warsaw;
- Analysis of the disruptions impact on extension of time and claim for reimbursement of cost resulting;  
- Development and modernization of sewer treatment plant;
- Redevelopment of former power plant facility in the center.

Expert advisory
- Opinion regarding the structural design and construction costs;
- Analysis of the risks associated with construction contracts concluded for residential skyscraper.

Maciej Kajrukszto
Quantum / Delay Analysis
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Maciej Kryscinski
Quantum
MSc, MRICS, MCIArb
Associate
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Email maciej.kryscinski@arcadis.com

Maciej is a Chartered Surveyor with over 25 years’ of experience in the construction industry and holds an unlimited building license. A Team Leader of the Quantity Surveying Team in Arcadis Poland, he has already been involved in a number of projects in the field of Project and Cost/Commercial Management in Poland and abroad. Maciej has been involved in a number of high profile Cost / Commercial Management and Contract Solutions projects across the property, transportation, oil & gas and water sectors.

Quantum expert
- Construction of the National Stadium in Warsaw;
- Preparation of plea for the Arbitration Court in regards to the dispute between the Contractor and the Investor;
- Development and modernization of sewer treatment plant;
- Redevelopment of former power plant facility in the center;
- Report on market value of services provided for purposes of arbitration/ litigation.

Expert advisor
- Providing claim management advisory on construction of II-nd Metro Line in Warsaw;
- Opinion regarding the structural design and construction costs on redevelopment and extension of the existing department store into an office building.
Zdenek Trejbal
Project Management
ING, MRICS, MAPM
Executive Director
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Zdenek is an Arcadis Executive Director and Lead Project Manager with over 15 years’ experience in building and engineering projects, predominantly within property sector. Under his leadership and supervision the team has successfully delivered numerous office, commercial, residential, hotel, production and logistic projects.

In 2012 Zdenek established a Continental Europe Contract Solutions capability, based from the Czech office, which focuses on the deliver Claim Management and Forensic Delay Analysis services.

Project management
- Project management and Leadership of large and complex commercial projects;
- Leadership of Contract Solutions team with strong focus on Claim management services;
- Broad knowledge and experiences with Contract for Works advisory.

Training expert
- Experienced trainer, providing bespoke training to Arcadis personnel on Project Management.

Alexander Brand has been working for more than 10 years in different areas of cost engineering in the private sector (architects, housing associations, contractors, banks, investors and developers). He has also regularly advised governmental departments, such as municipalities and counties. Due to his practical background and broad experience he is an expert in cost estimates, and can act as a consultant at both an abstract and a detailed level. He also has extensive experience in drafting and reviewing NEN2580 measurement reports.

Specialization
- Cost Engineering for both building and civil-engineering projects;
- NEN2580 Measurement reports.

Description of activities
- Quick scans / budget scans / feasibility studies;
- Sketch / temporary / definitive design and tender document cost estimates;
- Cost planning / forecasting;
- Budget control;
- Analysis of the effect of design changes on the project budget;
- Review of builder’s tender submissions;
- Assessment of variation and delay claims;
- Measurement reports for houses, offices and industrial premises and second opinion.

Expert witness
- 2015 Van t Hof / Kwakkenbos;
- 2013 DVP-Nedcon.
OUR EXPERTS IN EUROPE

Dave van Drie
Quantum
LRGD
Senior consultant
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Dave is an asset and cost management consultant, advising on the construction, management and maintenance of buildings, with a focus on sustainability. His main discipline is in building quality, compliance, sustainability and property management. Dave specializes in surveys on building structures and building physics. As a registered forensic expert with the LRGD (Dutch National Register of Forensic Experts), he is experienced in carrying out a wide range of building and construction studies on behalf of various courts in the Netherlands. These studies involve complex issues relating to the nature and cause of (building) damage.

Main discipline
- Dave has conducted various expert surveys, particularly referring to roofs, facades and structures, for courts in the Netherlands and on behalf of individual or joint parties as a forensic expert within the field of Architectural engineering. The surveys and reports are all carried out in line with the specifications in ‘Guidelines for Experts in Civil Affairs’.

Jack Smeets
Disputes Avoidance, Disputes Analysis
MSc
Senior Consultant
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Jack is a senior consultant with over 20 years’ of experience in the real estate and construction industry. He is leader of the Asset and Cost Management team (app. 50 FTE) of Arcadis in the Netherlands, and is responsible for the Contract Solutions team in the Netherlands as well. He has been involved in a number of projects in the field of Program and Project Management, and project audits and surveys in several different sectors. Jack is a Chairman on the Committee Real Estate & Construction of NLengineers, the Dutch association of consulting engineers.

Main discipline
- Feasibility studies;
- Building surveys;
- Project audits;
- Claim management;
- Contract management;
- Program management;

Recent experience includes:
- Member of the Steering committee for claim management 2013 - 2015 - NAM Earth quake.
Our experts in Europe

Eef Bouman
Quantum
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Eef is partly responsible for Arcadis' Financial Engineers where he is especially experienced in financial issues for housing, commercial and corporate real estate, and CAPEX and OPEX. His experience includes involvement in notable projects such as the development of Van Gogh Museum, Rabobank, restoration of Binnenhof (90,000sq.m in The Hague), renovation of Haga Hospital in The Hague and the Ministry of Justice and Home Affairs. Based on his project experience of over 25 years, Eef is special consultant for several courts to provide his expertise in different cases.

Main discipline
- All-round financial engineer with knowledge of realizable development;
- Construction planning and techniques;
- Value engineer;
- Contract engineer;
- Real Estate Appraisal (AWM® Arcadis Appraisal Moment).

Expert reports
- 2015 - Rabobank office case 'UC18' regarding difference in 'time related cost';
- 2014 - OVT Breda regarding 'cost analyses concrete building company';
- 2010 - Nova Middenduin vs Dreef Beheer bv;
- 2006 - Poort van Brabant, BHV vs Hocla 'project value based on project information 1996'.

Jacob Kastelein
Quantum
Senior Specialist
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Jacob is a specialist in the construction and renovation of real estate. Since appointment by a Dutch court, Jacob carries out expert surveys and studies in the investigation and mediation in construction disputes and conflicts in accordance with rules and conditions defined by the court. He is experienced in damage caused by construction work, risk analysis and insurance expertise for structures and liability. He has particular experience in assessing the relationship between earthquake vibrations and damage to buildings in the north of Groningen in the Netherlands.

Recent experience includes:
- Carrying out and report on surveys of various structural defects in construction dispute investigations, mostly concerning roofs, outer walls and various construction and renovation situations;
- Structural damage surveys concerning existing buildings after external influences such as vibrations, excavations and/or changes in the groundwater level;
- Carrying out surveys concerning possible earth tremor damage for NAM;
- Quality assessment and delivery of completed building or alteration work for various (dispute) situations, on behalf of contractor or the instructing party of the construction work;
- Repair advice and estimating repair costs in case of structural damage for various (dispute) situations;
- Carrying out and reporting on various baseline measurements (recording existing buildings).
Jan is a building science expert, specializing in defects and damage to concrete structures and floor. His main discipline includes providing expert surveys on structural and flooring defects and damage for construction dispute investigations. Jan acts as expert witness for cases before Dutch courts.

Recent experience includes:
- Identifying and providing surveys on defects and damage to concrete structures;
- Surveys of damage to concrete of floors, damage due to shrinkage; deformation under load and imposed deformations;
- Carrying out and elaborating end wall survey into the constructive safety of the brickwork outer cavity sheets, according to the provisional version of the BRL 2109 of 2013-07-09 and SBR "Protocol voor het inspecteren, beoordelen en herstellen van spouwmuren" (Protocol for inspecting, assessing and repairing cavity walls);
- Carrying out and elaborating gallery and balcony surveys in accordance with CUR 248;
- Assessments of liquid-proof floors, prefab concrete “Kwaaitaal” floors, company floors and cement floors;
- Supervision of pouring concrete, prescription of concrete mixtures, concrete cooling calculations and damage analyses of cracks in concrete floors;
- Advising on the maintenance and management of real estate;
- Studies into safety at swimming-pools;
- Studies into concrete and fire damage;
- Carrying out finite element calculations.

Johan is an expert in building techniques, specializing in building pathology and building defect diagnosis. His main discipline includes structural defects surveys and construction dispute investigations. Johan has been registered in the Dutch National Register for Legal Experts (LRGD) for Building Techniques, since 2007.

Recent experience includes:
- Structural damage surveys on behalf of authorities, institutions, building companies and property owners;
- Court-ordered expert surveys;
- Advice on and assessment of structural defects and construction disputes on behalf of one or more parties (including binding advice and mediation);
- Structural assessment of buildings or building elements in both residential building and non-residential building;
- Investigation of (safety) risks of buildings or building elements.
Martien is a built environment specialist, focusing on detection of building defects for investigation of and mediation in building disputes. He has been commissioned by several Dutch courts to perform technical investigations as independent built environment specialist.

Recent experience includes:
- Investigating and reporting on building defects/damage caused by renovation or building work in disputes, often at the request of the courts, lawyers, private or commercial property owners or property managers;
- Expert studies of damage to existing buildings due to external effects such as vibration, subsidence and/or changes in groundwater table in areas such as Westland (west of The Hague), around The Hague and gas fields of northeast Groningen;
- Appraisal of building plans and risk analysis of existing buildings due to effects of planned activities, such as building dikes on the River IJssel for the ‘Room for the River’ project, excavating tunnels for the North-South metro line in Amsterdam and the construction of an underground exhibition center in the city centre of Utrecht for the Schatkamer II Domplein project;
- Quality assessment and delivery of building/renovation work, often in response to dispute, for contractors or by parties commissioning the building work;
- Recommendations for repair work and estimates of repair costs after damage to buildings, prompted by various conflict or other situations.
- National investigation of restoration arrears in listed monuments, commissioned by the Ministry of Education, Culture and Science, and similar studies commissioned by the municipality of Gouda;
- Performing baseline surveys (inventories of existing buildings) and reports.

Dr. Thomas Held is a Microbiologist, responsible for leading Arcadis’ global Community of Practice for “In-situ Remediation”. Thomas has 24 years of experience in environmental engineering, specialising in the field of in-situ remediation and environmental biotechnology. Key qualifications include: planning and supervision of remediation; development of innovative remediation technologies; in-situ-technologies, monitored natural attenuation; feasibility studies; microbiological biodegradation tests; process simulation; and analytics. He is member of several national and international professional bodies.

Expert witness
- By the Chamber for Industry and Commerce publically appointed and sworn expert for remediation according to § 18 of the German soil Protection Act as well as according to § 36 trade regulations (Gewerbeordnung). Thomas’ evidence covered the site investigation and remediation cost estimation in various court cases.

Remediation design
- Thomas has directed numerous site characterization studies and field investigations as well as remediation projects associated with soil, air, and groundwater contamination issues.

Project management
- Project Management of major multi-disciplinary site investigation and remediation projects.
OUR EXPERTS IN EUROPE

Erik Veldhuizen
Disputes Avoidance, Dispute Analysis
BSc
Senior Project Leader
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Erik is a project leader with 7 years of experience in the construction industry. Erik has been involved in a number of project in the fields of Project Management in The Netherlands. He specializes in contract management of integrated contracts for contractors and public clients.

Recent experience includes:
• 2009-2013: Contract management and project management on a P+R garage Kralingse Zoom for City of Rotterdam (investment amount: €40million);
• 2015-ongoing: Quality survey and contract management for the contractor (Hurks Bouw’s Hertogenbosch) on a new innovation centre for Royal Consun;
• Contract management, contract advise and tender advise on several projects for contractors.

Poul Syratt
Quantum, FIDIC Expert
BSc (Hons), MRICS
Senior Technical Expert
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Poul is a Senior Technical Expert and Chartered Quantity Surveyor with a vast range of experience gained from over 33 years in the construction industry, encompassing most sectors and most contract types. He has worked extensively throughout Europe and also in the Middle East. He is a German (Certified German as Foreign Language) and Danish speaker.

Main discipline
• International arbitration experience;
• Contract Management;
• Claim Management;
• Cost Management;
• Value Management;
• MS-Project.

Recent experience includes:
• Since 2011, Poul was worked on contract and claim management for a German Energy Supplier at an Offshore Wind Park. This is for the foundations, high voltage offshore substation and cable supply works packages involving provision of contract and claims management services including preparation of estimates for variations, analysing costs of offshore foundation types and both the evaluation of and preparation of claims both in terms of quantum and supporting delay analysis with MS-Project analysis.
OUR EXPERTS IN EUROPE

Carsten Stroh
Specialist Project Supervision and Management
BSc
Project Engineer
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Carsten is a Project Engineer with over 15 years’ experience in infrastructure, geotechnics and environmental planning projects. He has vast experience in project supervision, specialist construction supervision, environmental planning, site investigation and quality control and assurance. Poul has particular experience with project management at offshore wind farms and also has specialized knowledge regarding the handling of contaminated sites.

Recent experience includes:
• Subproject manager for the Areva Wind Project on the offshore wind farm GlobalTech One. (2013-2015);
• Project supervision of the dismantling of the Bayernoil Refinery in Ingolstadt;
• Project supervision/specialist construction supervision;
• Environmental planning and site investigation;
• Construction pit approval and quality control,
• Quality assurance for earthworks;
• Work and entry permit management.

Dick Herrmann
Specialist Project and Commercial Management
MEng
Project Manager
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Dick Herrmann is a specialist in project and commercial management and an expert in international contracts. He has gained wide experience in the construction industry while working for contractors, clients and consultants on various national and international projects. Since 2011 he has worked in the offshore wind industry. Dirk has experience ranging from contract management to, for example, package manager for wind turbine generator and rotor stern installation. His core experiences are within cable networks, foundations and package management. With an engineering background, wide management experience and offshore certificates, Dirk is an expert for international offshore projects.

Main discipline
• Project, construction and contract management;
• Claim management;
• Cost control;
• Procurement management;
• Contract administration;
• Package management;
• Client representative;
• Site supervision for offshore wind projects.
OUR EXPERTS IN THE MIDDLE EAST

Craig Beeson
Regional Director & Head of Capability, Contract Solutions
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Craig is a Fellow of the Chartered Institute of Arbitrators, holding a LLM in Construction Law and Arbitration. He has 15 years’ experience in commercial, project controls, project management and legal disciplines, encompassing projects spanning all major industry sectors within the UK, Eastern Europe and the Middle East. His expertise in commercial advice spans the project life cycle through strategic procurement, effective contract management and dispute resolution. He has experience in all major international standard forms of contract, as well as local bespoke client contracting.

Recent experience includes:
• Management and resolution of a portfolio of claims under the Ashghal standard form of contract, Qatar;
• Provision of strategic contract advice in terms of procurement routes, contract types, and frameworks for Omanc Government clients;
• Drafting Statement of Claim for a significant final account for an aviation client in Oman;
• Assessment and resolution of a number of termination cases involving clients in the UAE, Qatar and Oman across industries including oil and gas, hotels and infrastructure;
• Drafting of traditional construct only, design build and design build operate contracts for aviation, civil infrastructure an commercial property clients across the Middle East.

Edward McCluskey
Quantum
PGDip Law, LLB, MRICS, CEDR Accredited Mediator
Partner
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Edward McCluskey is a Chartered Arbitrator, Chartered Quantity Surveyor and CEDR accredited mediator with extensive global experience. He works in both the Middle East and the USA and has 23 years’ construction experience having began in the family construction business before continuing in contracting and private quantity surveying professions. He has extensive experience acting as arbitrator having been appointed by DIAC on over 40+ arbitration cases. His arbitral appointments have included matters on final accounts, termination of contract, professional negligence, damages, misrepresentation and real estate. He has acted as sole arbitrator and as an arbitrator on a tribunal of three. Edward’s mediation work has included commercial, workplace and family disputes. He has worked with a leading QC in several highly sensitive mediations. Edward provides mediation training for the RICS and is the current chairman of the RICS UAE Alternative Dispute Resolution Working Group.

Quantum expert
• Quantum advice in Dubai International Financial Centre Court case;
• Quantum advice in arbitration concerning the Dubai Meydan Racecourse.

Expert training
• Provided mediation training for RICS and arbitration training for CIArb.
John Nestor
Quantum
BSc (Hons), LLB (Hons), Dip Adjudication, MCIArb, FRICS, Barrister (non-practising), Head of Quantum
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John acts as an expert witness in quantum and is an adjudicator who is regularly appointed by the RICS to resolve construction disputes. He has worked on many live projects for contractors and owners. He is a Fellow of the Royal Institution of Chartered Surveyors, a member of the Chartered Institute of Arbitrators and a non-practising barrister with 25 years of experience in the construction industry. He is also a member of Arbrix, the Society of Construction Law and the Honourable Society of Lincoln’s Inn.

Quantum expert
- In arbitration over offices in Moscow (testifying). Value of work and claims ($80m).
- In pre-action proceedings over a retail store in London. Value of work and claims (£2m).

Assisted quantum expert
- Value of work and claims (£250m) arising from welding issues in arbitration regarding an Offshore wind farm in North Sea;
- Value of steelwork and other claims (£20m) in high court proceeding regarding a football stadium in London;
- Value of work and claims (£100m) in arbitration regarding communication systems on London Underground;
- Value of work and claims (£80m) in legal proceedings regarding a gas-gathering plant in Obigbo, Nigeria;
- Loss of profit claim for six refrigerated cargo vessels ($50m) in high court proceedings in Gdansk, Poland;
- Value of work and claims (£35m) and independent report regarding an international airport in Barbados;
- Value of work and claims (£10m) in pre-action proceedings regarding a residential development in Notting Hill, London.

Paul Whatley
Delay Analysis
M.S. Construction Management, HNC, ONC Mechanical Engineering, Partner
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Paul Whatley has 38 years of experience in the construction industry. His project experience includes planning and project managing infrastructure projects, office and retail buildings, power stations, housing developments, high-tech business campuses, and process plants. For the last 14 years he has specialized in producing claims for Extensions of Time and Expert Witness reports. This has included giving evidence in Arbitration on several occasions. Mr. Whatley is particularly adept at producing and analysing delay claims and in writing detailed reports used in arbitration, mediation or litigation. In addition, Mr. Whatley has worked with multi-cultural project teams in Europe and the Pacific Rim.

Recent experience includes:
- Expert Report for the Employer in response to the contractor’s claim for an extension of time on a Residential and Infrastructure Development in Bucharest. This included giving evidence in arbitration;
- Expert Witness Report on the delay to the construction of a power station in Iraq. This included giving evidence in arbitration;
- Expert Witness Report on the delay to the construction of a residential development in London. This included giving evidence in arbitration;
- Expert Witness Report on the delay to the construction of the infrastructure and landfill for a recycling project. This included giving evidence in arbitration;
- Expert witness on the delay to construction of a water treatment plant.
Manus Bradley
Delay Analysis
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Associate
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Manus is an Expert Delay Analyst who has extensive experience of working within a multi project environment and has full knowledge of the Project Lifecycle in various industries such as Oil & Gas, Power, Nuclear, and large scale Infrastructure / Commercial Development projects. Following his varied and extensive industry experience Manus has for the last 4 years focused on dispute related work. This work focussed on preparation of delay claims whereupon Manus has acted on behalf of Employers and Contractors in preparation and defence of delay/Extension of time claims including evaluation of concurrent delay and entitlement to time related costs.

Manus has also prepared expert reports and has assisted in the preparation of Expert Witness reports in relation to delay and time related cost claims. He has undertaken extensive Expert Witness training with the Academy of Experts.

Recent experience includes:
- EPC Contract in Oman - Delay / Time Impact Analysis Expert Advice;
- EPC Power Plant Africa - Expert opinion report in support of ICC Arbitration;
- Power & Desalination Plant in Dubai - Preparation of extension of time claim;
- Aviation Infrastructure Project in Djibouti, Africa - Extension of time claims and expert advice;
- Sewage Treatment Plant, Abu Dhabi - Facilitated settlement of EOT claims by expert advice.

Maria Daly
Quantum
MCIArb, MA, P. Grad, Dip. Constr Law, BSc (Surv), Dip. Constr Econ, Senior Consultant
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Maria specialises in Construction Contract Advise and Dispute Resolution. She has experience in most sectors of the industry including oil and gas pipelines, airports, rail, civil engineering, building and timber frame. She has previously worked in Ireland, the UK, Hong Kong and Athens. Maria has experience in main contract and subcontract disputes, arbitrations, adjudications, conciliation and a government inquiry, contract administration, procurement and commercial management and has experience of Conditions of Contract and in all aspects of procurement including EU Public Procurement. She has also worked on a number of commissions involving Arbitration Support.

Recent experience includes:
- Bespoke Conditions – QAR 640 million – Qatar Sewage Plant;
- Independent assessment of the heads of claim and counterclaim;
- FIDIC 1987 (with 1992 amendments) – AED 30 million claim - Dubai Development;
- Initial assessment of the viability and strength of the client’s contractual position;
- Bespoke Conditions – US$250,000,000 - Dubai Leisure Feature;
- Contractual aspects of the claim, determination of entitlement for recovery of time and money and preparation of the quantum claim;
- Bespoke Conditions – QAR 142,095,070 - Qatar Enabling Works for Infrastructure Project.
OUR EXPERTS IN THE MIDDLE EAST

Paul Gaynham
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Paul is currently resident in Saudi Arabia with over 35 years’ experience in Commercial / Contract / Claims management. Paul’s experience encompasses oil and gas, infrastructure, heavy civils, mining and general construction projects in both the UK and the international arena, working in diverse geographical locations which include Eastern Europe, Africa, South America, Central Asia, Mena and Apac.

Expert advisor
- Leading a large ECH team on the 10 Billion USD King Abdullah Financial District Project in Riyadh;
- Engaged by a consortium of the six largest Banks in Saudi Arabia to audit a series of distressed Oil and Gas projects, providing advice on recovery strategies and monitoring the implementation of remedial measures;
- Claim strategy and preparation on the 3 billion USD KAPSARC Project, Riyadh;
- Engaged jointly by the Saudi National Contractors Association and the Saudi Ministry of Labour to advise on a new system of Contractor block visa allocation based project characteristics rather than the current prescribed method.

Robert Nelson-Williams
Quantum
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Senior Consultant
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Rob is a Chartered Quantity Surveyor with over 25 years of construction, engineering, building and infrastructure projects experience. He has worked in the UK, Canada, Hong Kong, Australia, the Lebanon and more recently in the UAE and has been based in the Middle East region since 2008. Rob specialises in contract advice and has extensive contract and commercial management experience, as well as experience in the provision of dispute support services. Major projects experience includes large scale residential developments, hospitals, leisure and entertainment facilities, university campus developments, cultural complexes, rail infrastructure and manufacturing plants.

Recent Middle East experience includes:
- Contract advice and lead negotiation role for a contractor on major UAE theme park design, construction and supply chain contracts;
- Provision of strategic and contract advice for a government client on a programme of cultural projects;
- Provision of strategic and contract advice for a developer on a large scale mixed use, retail and residential programme of works; and
- Contract advice for a developer on a large scale retail project.
OUR EXPERTS IN THE MIDDLE EAST

John Nicolson
Quantum
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Ed Spencer
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John is a Chartered Quantity Surveyor, Chartered Arbitrator, accredited adjudicator and registered quantum expert with over 30 years’ experience in construction within building, civil, structural, rail, utilities, mechanical, petrochemical and manufacturing on such contracts as FIDIC, NEC, JCT, ICE and Inst Chemical Engineers. Appointed expert in numerous occasions.

Recent experience includes:
• Parties’ appointment as sole Expert on the valuation of a high rise construction project of US$550 million;
• Parties’ appointment as sole adjudicator on airport project; dispute value US$120 million;
• Client appointment on bridge re-construction, piling;
• Client appointment on major drainage scheme;
• Client appointment on major tram project;
• Main Contractor appointment for refurbishment of Hospital;
• Main Contractor appointment on the valuation of structural steel in high rise office development;
• Contractor appointment on the fabrication and erection of steel bridge.

Ed is a Chartered Quantity Surveyor and specialises in procurement, contract management and dispute avoidance/resolution. He has experience in the analysis of complex commercial, contractual and management problems on major construction projects using numerous forms of contract including JCT, NEC and FIDIC. Previous experience has been diverse in terms of type, complexity, value, procurement route and contractual arrangement. They have ranged from large city centre retail and leisure developments, prime London office developments, luxury residential developments, Aviation, and Water Infrastructure, and various other projects ranging from fire insurance valuations, building refurbishments, and fund monitoring roles.

Recent experience includes:
• Managed strategic procurement and tendering process of LPI Framework for large Aviation client;
• Provision of strategic contract advice in terms of procurement routes, contract types, and frameworks for Healthcare client;
• Provision of NEC training on behalf of the RICS;
• Provision of contract advice to JV staff on large infrastructure project in Qatar;
• Provision of ‘independent expert opinions’ on contentious variations in order to unlock final account negotiations for large aviation client.
**OUR EXPERTS IN THE MIDDLE EAST**

**Fiona Rose Wardlaw**
Quantum
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Senior Consultant
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Fiona has 12 years of construction, infrastructure and development experience gained in the United Arab Emirates and the United Kingdom, utilizing a wide range of commercial/contracts skills inclusive of procurement management, contract management, contract administration and cost management.

While her experience in the UK mainly focused on the public civil engineering sector, she has gained significant experience, working with theme park and family entertainment centre developers in Dubai, project managers in Abu Dhabi, and property developers and master planners of various large scale projects in Dubai. This has allowed her to gain a valuable insight into the project delivery cycle of large scale residential, infrastructure, leisure, entertainment and cultural developments from inception of design through to project completion.

As a UK trained Quantity Surveyor qualified to degree level in all of the major construction disciplines including architecture, structural and civil engineering, she has demonstrated a high level of commitment by successfully completing a 5 year part-time degree course whilst working as a Trainee Quantity Surveyor.

Core Skills: Procurement management, contract management, contract administration and cost management.

**Stephen M John**
Dispute Resolution, Technical Dispute Analysis, Oil and Gas Disputes
Eur Ing, BEng(Hons), MBA, LLM, C Eng, FICE, FCIarb, MIHT
Claims and Disputes Lead
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Stephen is a legally qualified Senior Chartered Engineer with over 35 years’ of experience in the construction and oil and gas sectors worldwide. He is a CEDR trained mediator, a UK listed adjudicator and a professionally qualified international arbitrator. He has extensive experience in advising clients and the analysis of complex technical contractual claims on high value projects. Stephen also has a successful record of recovery of projects and the negotiation of claims and disputes including settlement agreements, rescheduling and completion plans. He is qualified, accredited and experienced as a third party neutral in most forms of alternative dispute resolution, litigation support and expert witness services.

**Dispute resolution:**
- Negotiation: Lead negotiator for large oil and gas claims and disputes;
- Representation of International Government Clients at FIDIC DAB's;
- Mediator: International FIDIC termination dispute;
- Adjudicator: Multiple disputes as ICE nominated adjudicator;
- Arbitrator: Sole Arbitrator on multiple construction disputes;
- Expert Determinate: Resolution of multiple disputes by expert determination.

**Expert witness:**
- Lead expert (report & evidence) in UK High Court construction insolvency;
- Multiple expert reports of construction defects.
OUR EXPERTS IN THE MIDDLE EAST

Samantha Whittaker
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Samantha is a Chartered Surveyor with over 17 years’ of experience in the construction industry. Her experience includes working for both consultants and contractors over many different sectors including aviation in the UK, Middle East and Africa, rail, commercial, education, retail and government together with specialist residential properties. Her experience spans cost planning, commercial management, cost management, contract administration, account negotiations, claim preparation.

Recent experience includes:
• Assisting the expert on a major airport dispute in the Middle East;
• Advising the lead Claims Manager on cost claims for airport Decisions;
• Undertaking productivity improvement studies for a LPG plant;
• Rail operational expenditure studies and costing.

Adrian Comaromi
Contracts and Claims
BSc, PgDip, Ongoing LLM Construction Law & Arbitration (2017), MRICS, MCIArb
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Adrian is a dually qualified Civil Engineer and Chartered Surveyor specialized in contract management, claims resolution and commercial management. Adrian has more than twelve years of relevant practical and professional experience in Europe and the Middle East with extensive knowledge of the application of contract management and alternative dispute resolution methods and procedures. Adrian has a solid background in contract management of large infrastructure (airports, roads and buildings) programs in the context of project cycle management and the application of various forms of contract - FIDIC, specific forms applicable in the Middle East and bespoke contracts. During his career, Adrian has gathered a broad knowledge and practical experience in contract management and claim analysis and the compilation of merits argumentation and financial entitlements – components of all Engineer’s Determinations, decisions and arbitration submissions.

Recent experience includes:
• Area Claims Manager across the Local Roads and Drainage C2 Contract for Ashghal, the Public Works Authority of the State of Qatar;
• Contracts and Claims Manager on a passenger terminal building, air traffic management systems, navigational aids and passenger boarding bridges at the Muscat International airport development in Muscat, Sultanate of Oman;
• Contract & Claims Manager on the Biddib-Sur Section 1A motorway project in the Sultanate of Oman ($300 million);
• Claims Manager on the Nikki Beach Resort Project within the Pearl Residence, Doha ($6 million);
• Property development (residential, commercial) and lender supervision services.
OUR EXPERTS IN ASIA

Mike Allen
Quantum
BSc, FRICS, MHKIS, MCIArb, FACostE, FAE, CEDR Accredited Mediator, Partner
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Email mike.allen@arcadis.com

Mike is a Chartered Quantity Surveyor and has experience on a vast range of civil engineering, process and building related projects over the last 30 years. He has given expert evidence in arbitration and court proceedings on quantum matters in the UK and internationally on many occasions and has acted as an advisor on construction disputes for the last 25 years. He has specialist knowledge of forensic quantity surveying, in particular related to prolongation and disruption matters. Recent experience includes:

Expert witness
- Arbitration on an LNG project in Australia;
- Conciliation on an East Asian high-speed rail project;
- Arbitration on a civil engineering project in Hong Kong;
- Arbitration on a South East Asian highway;
- Arbitration on a waste water treatment plant in Hong Kong.

Expert advisor
- Mediation on an airport in the Middle East and an airport terminal building in Hong Kong;
- ICC arbitration on an East Asian highway;
- Expert determination on an LNG project in the Middle East.

Philip Moss
Quantum
BSc, FRICS
Partner
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Email philip.moss@arcadis.com

Philip is Regional Head of Client Services for Contract Solutions in the Middle East with 28 years' of post-qualification experience gained in large infrastructure projects. He has extensive experience of overground and underground railway construction, renewals and maintenance.

He has provided expert advice to employers on procurement routes for major projects, or airports, utilities and airways.

He led the design of pricing models for the largest utilities procurement contract ever tendered in the UK and assisted in driving over £1 bn of savings through the tender negotiations.

He provided expert reports on the Public Private Partnership deliverable for the Metronet Consortium in London and supported Metronet through the Extraordinary Review. When ultimately Metronet went into railway administration Philip was retained by London Underground Limited to negotiate with and commercially manage the Track Alliance. He was seconded to the Tubelines Public Private Partnership consortium in London and was responsible for planning the projects divisions' outputs.

He was seconded into the Olympics Delivery Authority for London 2012 to establish the target cost for the Delivery Partner working for the ODA Head of Legal.

He has extensive experience in public sector projects and led the Property Commercial Function for the Hong Kong Jockey Club.
OUR EXPERTS IN ASIA

John Cock
Quantum
DipArb, BArch, BAppSc (BltEnv), GradDip, IndDesign, FCIArb, HKIA, RAIA, FDOA, MAPP, MIAMA, Partner
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John is an architect, designer and project manager, with experience in Asia Pacific. He advises employers, consultants, contractors and their legal advisers and given expert evidence in arbitration and court proceedings in matters relating to building defects, design and architectural professional practice and project delivery. A Chartered Arbitrator, Accredited Mediator and Accredited Adjudicator, John also acts as resolver in commercial and construction disputes. Recent experience includes:

**Defects expert**
- Expert witness/advisor in court and arbitration cases involving construction defects;
- Expert witness/advisor in several disputes between architects / designers and clients.

**Dispute resolution**
- Sole arbitrator in 7 Hong Kong domestic construction / commercial arbitrations;
- Presiding arbitrator in an international commercial arbitration;
- Dispute Resolution Advisor for 4 Hong Kong Government works contracts.

Tony Sheng
Quantum
BSc
Partner
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Tony has more than 18 years’ experience in the construction industry. He has been in charge of Arcadis Taiwan office since 2003 offering specialist support to clients in contract and commercial consultancy for building and civil engineering projects. Tony is fluent in English and Chinese and has particular expertise in pre-contract risk analysis, together with post contract administration and dispute resolution. Recent experience includes:

**Expert advisor**
- Dispute management on behalf of clients in mediation, arbitration and litigation;
- Strategic advice and preparing claims for extension of time and variations;
- Tender risk review and recommendation.
OUR EXPERTS IN ASIA

James Johnson
Quantum
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Partner
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James is a Chartered Quantity Surveyor with over 20 years’ experience providing both non-contentious and dispute resolution services on large-scale building and civil engineering projects. Sectors that he has worked in include property, transportation, oil & gas and manufacturing. Based in Hong Kong since 1994 he has also worked on long term secondments in Shanghai, Seoul and Macau. Recent experience includes:

Expert advisor
- Expert advice for arbitrations;
- Prolongation and variation claims advice;
- Procurement strategy advice and contract drafting;
- Due diligence on behalf of funders;
- Developing project risk management processes.

Gregory Foley
Delay Analysis
ACIArb
Associate
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Greg is an Associate, and Location Leader for Contract Solutions in Singapore. With over 25 years’ experience in the construction industry, he has worked both in the UK and across South East Asia. With Greg’s background primarily in planning and delay analysis, he assists clients’ needs regarding project delivery/recovery and dispute avoidance. His experience includes projects within the building, civil engineering and petrochemical sectors of the industry. Greg has also advised and prepared submissions relating to both delay and quantum issues in a number of formal dispute proceedings, for a number of forms of alternative dispute resolution, including adjudication, mediation and arbitration. Recent experience includes:

Expert advisor
- Delay and quantum advice for a contractor on a large mixed use development in Singapore in preparation of arbitral proceedings.

Expert assistance

Delay analyst and claims advisor
- Delay analysis and strategic claims assistance for a large international contractor in preparation of arbitral proceedings at an airport in Thailand.
OUR EXPERTS IN ASIA

Tim Cradock
Quantum
LLB (Hons), MSc, PGDipArb, MRICS, MCInstCES, MCIArb
Associate
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Tim is a Chartered Quantity Surveyor with over 13 years’ experience spanning a variety of building and civil engineering projects worldwide. His experience ranges from commercial management, dispute resolution and expert witness work and has included projects in infrastructure, residential, aviation and Oil and Gas in Eastern Europe, the Middle East, Africa, Asia and Australia. Recent experience includes:

Expert advisor
- Assistance to the Expert on a major airport dispute in the Middle East;
- Assistance to the Expert on an arbitrations related to a military base in Djibouti;
- Assistance to the Expert on multiple arbitrations related to LNG projects in Australia;
- Contract advice and strategic claims assistance for a cladding contractor on a project in Hong Kong;
- Strategic claims assistance for a Korean Contractor on a power plant in Madagascar;
- Strategic claims assistance for the Dubai government rail and road projects in the UAE.

Ben Burley
Delay Analysis
MSC, BA (Hons), FCI Arb, MCI OB, MMAP
Associate
Email ben.burley@arcadis.com

Ben is a specialist in planning engineering and project management. He has developed his skills across numerous industry sectors including; oil & gas, process, civil engineering, residential, commercial, technology and social infrastructure projects. Ben has been appointed expert in matters relating to delay on both domestic and international projects for litigation, arbitration, adjudication and mediation. Recent expert witness experience includes:

Buildings projects
- Appointed in over eight individual matters relating to large scale Central London residential projects;
- Analysis of delay arising during construction of a Luxury Spa Hotel;
- Appointed expert three commercial office projects located in the UK;
- Analysis of social infrastructure projects which include; library’s, educational facilities, police HQ’s and social housing projects.

Infrastructure and engineering projects
- Rail projects; signalling, station extensions, new built stations, bridge construction and track improvement works;
- Energy projects; Biomass Power Stations, Soft Yoke Mooring Systems, Waste to Energy Plants and an FPSO;
- Civil engineering projects; flyover construction, road and highway construction and border control projects.
OUR EXPERTS IN ASIA

Jon Jack
Quantum
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Senior Consultant
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Jon has over 20 years' experience of contract management, claims management, dispute resolution, site management and procurement in the United Kingdom and overseas for contractors, subcontractors, government departments and developers.

Jon's international experience includes assignments in Australia, Belgium, Dubai, Qatar, Saudi Arabia, Singapore, Tanzania and Vietnam. Recent experience includes:

Expert witness
- Instructed Quantum Expert on the reasonableness of costs associated with the rectification of a ground subsidence claim and repair of a residential property in Central London;

Expert assistance
- Assisting the appointed Expert on an arbitration in connection with a major road development in Tanzania;
- Assisting the appointed Expert preparing an expert report on quantum for litigation on an industrial development in Scotland;
- Assisting the appointed Expert for a mediation and subsequent arbitration in relation to a major civil engineering dispute on a 1230 MW power plant in East Java.

Martin Harris
Civil Engineering, Reclamation and Seawalls, Concrete Technology and Corrosion, BSc CEng MICE
Technical Director
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Martin Harris is a Technical Director at Arcadis having 38 years' experience in the design and construction of civil engineering and building works. With over 30 years Hong Kong experience he has filled key roles in major civil engineering, reclamation and waste management and building rehabilitation projects. Martin’s key areas of expertise relate to the assessment and rehabilitation of deteriorated and corroding concrete structures together with all aspects of concrete technology, piling, reclamation and sea defence projects. He has now completed over 30 independent assessments of structural, materials defects, sea defence and reclamation failures for dispute management and insurance assessment purposes. He has acted in arbitrations, a coroner’s inquest and in the high court as an Expert witness.

Expert witness
- Seawall Failures at Sham Tseng and Peng Chau in Hong Kong;
- Large Diameter Bored Piling dispute Tseung Kwan O, Hong Kong;
- Corrosion related gas explosion inquest Ngau Tau Kok, Hong Kong.

Expert advisor
- Reclamations for Pennys Bay Stage II and Chek Lap Kok 3rd Runway reclamation;
- West Kowloon, Castle Peak and Black Point Reclamations;
- Collision damage for piled jetties – Kwai Chung and Shantou;
- Concrete deterioration Assessments (numerous);
- Driven piled foundations dispute for Architectural Services Department.
OUR EXPERTS IN ASIA

Chris Sparrow
Structural Design, Constructability and Forensic analysis
BSc CEng FHKIE MICE PIE Aust RPE RSE (HK)
Structural Engineering Expert
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Chris has gained wide experience in the field of structural engineering after having designed a variety of projects in Hong Kong, Australia and elsewhere in the world, for government and private sector clients. Chris has developed a thorough understanding of structural design and of creating designs that are inherently both constructible and economic. Through his career Chris has been involved in assessing dilapidated structures and structural failures.

Structural Concept Design
• Tamar Government Offices, Hong Kong, incorporating Seismic Design;
• Hong Kong International Airport Terminal, Hong Kong;
• Kennedy Town MTR Station.

Expert witness
• Retaining Wall Collapse, Melbourne Australia;
• Dilapidated Façade Claim, Grenville House, Hong Kong.

Constructability expert
• Chinese Opera Building, Hong Kong. Large span structural steelwork lift;
• HAECO Hangar, Hong Kong. Large span structural steelwork lift Structural Assessment;
• Flinders Street Apartments, Melbourne;
• Melbourne Central “Shot Tower” historic building.

John Berry
Civil, Civil Structures, Highways & Traffic, Marine, Program Expert, BE & RPE (Civil), FHKIE, FIEAust, FHKIHT, MASCE, MCIarb, Director
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John is a Chartered Engineer with over 38 years’ of experience in the civil engineering industry in Australia, UK, UAE, Saudi Arabia, and predominantly Hong Kong. This includes planning, design and construction management of civil and multidisciplinary works in urban and transportation road, rail and airport infrastructure, marine and reclamation works, tunnels, underground structures, and major road works. John's work has included contract preparation and management. He has acted as the engineer on over 12 government engineer’s design construction contracts and as supervising officer on a government design and build contract, as well as managing a number of contracts for the private sector. John has completed Expert Witness training from the Academy of Experts and is a member of the Chartered Institute of Arbitrators.

Expert advisor
• Expert advice on the construction scheme of Urumqi Altay Road - Northwest Road, traffic improvements and BRT4 Line in Xinjiang, China;
• Expert advice on a marine works dispute in Hong Kong;
• Expert advice on a substructure construction program / delay dispute in Hong Kong;
• Expert report on pier design dispute in Hong Kong.

Expert witness
• Expert witness and testimony on civil-structural design matters on a transportation contract in Singapore;
• Expert witness and testimony on highways design matters on a transportation contract in Singapore;
• Expert witness on civil-structural design and construction, and traffic engineering matters on a transportation contract in Singapore.
AVOID DISPUTES.
MITIGATE DISPUTES.
RESOLVE DISPUTES.
APPOINT THE RIGHT EXPERTS.
WE CAN BE WHEREVER YOU NEED US.
OUR EXPERTS >>
IN THE UK
IN EUROPE
IN THE MIDDLE EAST
IN ASIA
IN NORTH AMERICA

OUR EXPERTS IN NORTH AMERICA

Joseph Seibold
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Joe has provided expert testimony in all forums of dispute resolution on behalf of both owners and contractors; including testimony regarding the standard of care for construction management practices. His experience includes preparing and supervising the evaluation and calculation of construction-related delay and disruption damages on a wide variety of projects. He has participated in all forums of dispute resolution including mediation, dispute review boards, arbitration, mini-trials and litigation. Recent experience includes:

Expert advisor
• Led the claims management efforts on a US$800 million highway project in California;
• Providing strategic direction to claims resolution efforts on a major school construction program.

Testifying expert
• Prepared expert report on the standard of care for construction management for the largest wastewater treatment plant in the western US;
• Provided expert testimony in the litigation involving construction of a major recording studio with a successful client outcome.

Industry leader
• Fellow and past National President of the Construction Management Association of America.

Roy Cooper
PE
Vice President
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Roy has more than 25 years’ of construction experience, including the analysis and review of complex construction claims from the beginning stages through trial support and expert testimony. He has led large-scale claims evaluation assignments of almost every type, including the evaluation of schedule impacts, cost impact analysis, mediation and claims negotiation, and has been qualified as an expert on both horizontal and vertical type projects. Recent experience includes:

Expert witness / advisor
• Management of staff performing schedule reviews in an effort to avoid claims on over 20 active projects;
• Expert testimony for a US$80 million wrongful termination claim on a major road and bridge project;
• Project Executive primary advisor to owner client assisting in the resolution of multiple claims on a US$450 million courthouse;
• Expert testimony and claims resolution on behalf of several Departments of Transportation;
• Damages expert on a construction (structural steel) accident claim in Detroit, Michigan;
• Expert testimony related to delays to a design build bridge project.
Lee has been intimately involved in the resolution of construction disputes and default/termination situations throughout his 35 year career in the United States and Canada for owners, contractors, designers, subcontractors, their insurance companies and sureties. He is an expert in forensic delay analysis and delay/disruption and has testified on these and other technical issues in court and arbitrations. Lee has published numerous articles on construction claims and delay analysis. He has also lectured extensively and is a contributor to a number of AACE Recommended Practices on these topics. Recent experience includes:

**Expert witness / advisor**
- Provided recommendations to Massachusetts Turnpike Authority of proposed settlements of claims on projects ranging from US$17 – 480 million included Boston’s multi-billion dollar Central Artery Tunnel program;
- Provided technical assistance in the resolution of US$150 million in commercial disputes associated with a major upgrade to cable television infrastructure in the upper Midwest United States;
- Testifying expert on a 330-unit affordable housing development in the metropolitan New York City area on which the owner is claiming US$65 million in delay and other damages from a contractor and its surety.

Jeff is a recognized expert on dispute resolution and management of projects and capital improvement programs with over 36 years’ experience. He has led construction claims analysis and resolution, CPM scheduling, program management, contract administration and training on many types of projects, including roads, highways and bridges, office buildings, hospitals, wastewater treatment facilities, hotels, casinos, museums, power plants, correctional facilities, tunneling, universities, transit, airports, libraries and others. He has provided expert testimony in various resolution forums, including mediations, dispute review boards (DRBs), arbitrations, and trial. Recent experience includes:

**Expert witness / advisor**
- Lead multiple on-call contracts for California Department of Transportation to analyze and resolve construction disputes;
- Provided expert testimony in all forums of dispute resolution;
- Extensive experience in transportation capital programs.
OUR EXPERTS IN NORTH AMERICA

Christi Fu
PE, CCM, LEED, AP, ENV, SP
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Christi has diverse experience in the construction and project management field as a contractor, an owner, and as a consultant with Arcadis. With nearly 15 years of experience in the construction and project management field, she possesses strong technical understanding for construction claims analysis and resolution. The range of her contract solutions experience includes a diverse range of project types including ports, roadways, highways, bridges, light rail, airport, water/wastewater, and buildings. Her expertise in analysing complicated issues and presenting her findings and analyses is well regarded by clients on major projects. Christi has presented to Dispute Review Boards and arbitration panels and has testified as an expert witness.

Expert advisor / testifying expert
• Led the claims management efforts on a US $1B port redevelopment project in California;
• Manage multiple on-call contracts for California Department of Transportation on claims analysis and scheduling;
• Provided analysis for expert report on the standard of care for construction management for the largest wastewater treatment plant in the western US;
• Prepared expert report on the civil engineering standards for a major college construction program.

Rick Cianfaglione
CCM, PSP
Senior Consultant
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Rick has more than 17 years’ of extensive field experience on major projects ranging from US$1 million to US$300 million. He has worked on a wide variety of projects throughout the United States including schools, convention centers, highways, hotels, municipal buildings, and stadiums. Recent experience includes:

Expert witness / advisor
• Management of staff that performs schedule development, maintenance, updating, and reviews for over 30 active projects;
• Expert testimony for a US$15 million delay claim on a major private university project;
• Expert testimony for a US$7 million dollar delay and construction management standard of care claim on a K-12 building project;
• Claims resolution on behalf of several insurance carriers, general contractors, construction managers, and owners for building projects throughout the US;
• Provided expert opinions during the development of scheduling specifications to major owners throughout the US.
Eric has extensive experience in the construction consulting field, including roles in risk management, project management, cost management, scheduling, estimating, and project oversight for public and private sector clients. He is a certified Risk Management Professional (PMI-RMP) and has completed complex risk analysis on large infrastructure and building projects for major public agencies. His skill sets include risk analysis, Monte Carlo simulation, workshop facilitation, CPM scheduling, schedule variance analysis, earned value analysis, contract reviews, procurement, bid leveling, value engineering, estimating, project budgeting, cost reporting, and cost forecasting.

Expert advisor
- Developing the risk register and conducting a program-wide risk assessment for a Boston transit authority to determine the US$1.4 billion program’s cost and schedule contingencies;
- Risk reporting and maintenance of the risk register for one of the largest construction projects in the US at $11 billion – a transit project in New York. Risk modeling was conducted using @Risk for cost and Primavera Risk Analysis for the schedule.

Eric has more than 10 years’ of experience within the construction industry, working as a claims analyst, construction manager, scheduler, and surety consultant on a variety of projects with construction values up to US$500 million. These projects include municipal, healthcare, hospitality, educational, commercial, residential, transportation and industrial facilities. He has lead teams on large scale disputes and has a specific expertise in electronic document management as well as quantitative risk assessment. Eric is a Professional Engineer, a LEED Accredited Professional, and a Certified Fraud Examiner. Recent experience includes:

Expert witness / advisor
- Advisor to the owner, including managing document productions of more than 10 million documents regarding multiple claims on a US$450 million courthouse;
- Analyzed schedules and determined delays on a US$65 million athletic facility in NYC;
- Lead analyst on numerous transportation-related claims, including rail, road, bridge, and traffic signalization projects;
- Testified on a US$45 million nursing home in New York State;
- Lead schedule reviewer on active Department of Transportation projects in the Northeast United States.
OUR EXPERTS IN NORTH AMERICA

Brian Goodreau
PSP, ENV SP
Senior Claims Analyst
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Brian is the Contract Solutions operations leader in New York City, specializing in construction disputes and project controls where he is managing claims on behalf of public and private owners for complex infrastructure and building projects. He has a proven record of helping clients avoid and mitigate disputes by implementing techniques such as CPM scheduling and total cost management. Brian has also effectively resolved numerous disputes, providing expert analysis and litigation support. He has been involved in numerous alternative dispute resolutions including negotiations, mediations and claims review boards.

Expert advisor
- Provided expert delay and damages analysis for US$1.6 million in claims made by the contractor for a highway widening and reconstruction project in Chicago. Scope included a forensic delay analysis and informal mediation sessions to negotiate the resolution of the dispute;
- Forensic delay analysis for a US$1.8 billion New York water treatment plant as well as overseeing a team of project controls experts for the review and analysis of the project schedule;
- Project Controls Manager responsible for schedule development and maintenance, risk analysis and financial reporting for a New York housing client in support of Hurricane Sandy resiliency efforts.