

THE ENGINEERING SOLUTION

Hartigan

TROUP
BYWATERS
+ ANDERS

A co-ordinated approach for construction industry engineering

Troup Bywaters + Anders and Hartigan have formed a strategic consultancy partnership to deliver a coordinated approach for construction industry engineering across the Channel Islands.

We bring a whole-life approach, providing advice and support with the engineering design, planning, construction, operation and ongoing management of our clients' property and assets, underpinned by our certified Integrated Management Systems.

Hartigan

For 35 years our dedicated employees have been delivering civil and structural engineering, combining an understanding of traditional building techniques and materials, with access to state-of-the-art technology. We engage high calibre, highly qualified personnel; invest in training and maintain up-to-date computer systems to aid design, modelling, drafting and communications.

We take the projects from initial concept through design, detailing, to completion. With our dedicated personal service and high level of engineering skills, along with access to specialist consultants ensure that our clients' desires are achieved and regularly exceeded.

TB+A

Troup Bywaters + Anders is a high-performing engineering partnership, established in 1958 delivering high quality building services consultancy from seven offices across the UK, employing 240 people.

Our purpose is to be a socially responsible and ethical Partnership that is the best at everything we do. As a carbon neutral partnership our operations are aligned with the UN Sustainable Development Goals.

Our ethos is all about passing the baton to those coming through by growing and retaining the best talent and this starts with our award-winning apprenticeship scheme.

We are recognised as one of the best at growing our people through training and development and one of the first businesses to be awarded the 'We Invest in People' IIP Platinum accreditation globally.

Aligned with the UN's

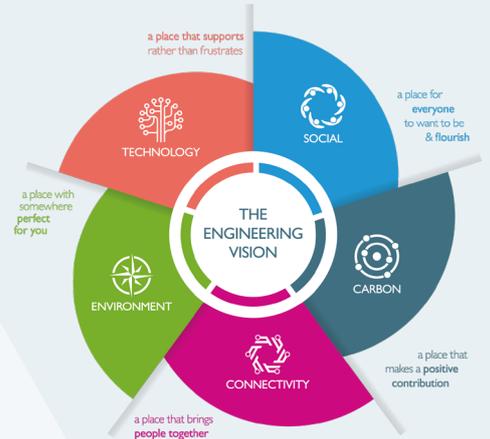


The benefits of our partnership

Our vision

Together our teams can deliver every service across our whole life offer to bring you a coordinated and seamless approach whilst drawing on experience, local knowledge, combined resource and resilience to suit your needs. Our close relationship and mutual understanding of the roles that we play in the design and execution of projects within the built environment allows us to deliver a co-ordinated structural and building service solution.

Our dedicated team of BIM modellers equipped with the latest industry standard software, have significant experience in delivering projects to level 2 maturity.



Our people

Our combined team of over 250 people are supported to achieve their maximum potential through leadership, management, training and mentoring. Extending the exemplar people development and multi-award winning apprenticeship programmes to the islands will deliver legacy, best practice and achieve sustainable growth through local resource.

Our recognition in the New Civil Engineer Awards 2020 as leaders in Talent Management is testament to the effort made to train and retain staff, including playing an instrumental role in establishing a civil engineering degree course on Jersey to allow employees to train without leaving the island.



PRINCESS ROYAL
TRAINING AWARD
2017



Quality of our service

Our certified Integrated Management Systems, that incorporates Quality (ISO 9001), Occupational Health and Safety (ISO 45001) and the Environment (ISO 14001), provides a framework of processes and procedures to enable work to be undertaken efficiently and to consistently high standards. The system provides the structure and guidance for our people to deliver a high performing and consistent level of service whilst improving the way we work. All our employees receive asbestos awareness training and complete the JSAT "Jersey Safety Awareness Test".



A sustainable approach

We provide roadmaps for our clients to decarbonise the built environment, representing 40% of all global emissions, using our experience of embodied energy and energy in use.

We are committed together to be a net zero partnership by 2030 with strong and progressive sustainability action plans centred around the UN-Sustainable Development Goals and are an EcoActive business network member.

Through conservation and preservation we aim to protect biodiversity and the historic nature of the Channel Isles and UK. Our Centres of Excellence are able to bring this knowledge to our clients for the benefit of all.



Our services

Our whole-life approach has Centres of Excellence driving innovation and undertaking research and development to keep us at the forefront of latest technology and solutions. They support our teams and clients to provide:

- + People focussed service
- + Sustainability at heart
- + Research and development
- + Technical quality and consistency
- + Review of the latest standards
- + Advice on new and emerging technologies
- + Centralised training
- + Shared learning and best practice.



Architectural lighting

Our team have a creative flair with backgrounds in lighting, product design and architectural interior design bringing together all these disciplines to create exceptional spaces based on sound engineering principles.



Building performance

Using the latest industry standard technology, coupled with our bespoke analytics and proven track record, we can optimise how your building performs in use to deliver benefits including costs, energy use and comfort.



Construction expert

Our experts in-depth knowledge and extensive experience of building services engineering across all sectors and building types means they are well positioned and respected to provide credible expert advice. They regularly undertake rent reviews on behalf of both landlord and tenants to achieve best value.



Engineering services design

We deliver all types of engineering services advice and designs across all sectors. BIM and digital engineering is fully embedded in our design teams, which when employed, brings long-term costs and programme benefits to your project. We are experienced in either working for an end client or contractor and within any procurement model.



Environmental engineering

We can assist with the production and co-ordination of Environment Impact Assessments, including flood risk assessments, and phase 1 contamination desk studies. We have significant experience in the remediation of brown field sites and the treatment of contaminated ground.



Geotechnical engineering

Our highly experienced geotechnical engineers use the latest design software to provide the most efficient design for various geotechnical challenges. These include foundations for building structures, retaining structures, soil/rock stabilisation and dealing with landslips. We also undertake condition surveys for purchase, lease agreements or insurance purposes, for private domestic dwellings as well as commercial properties.



Health & wellbeing

We can help you to develop healthy building strategies starting with initial workplace assessments and advise on the standards applicable such as Fitwel and the WELL Building Standard.



Historic conservation

We understand the need to sympathetically restore our historic buildings and make them serviceable for modern use, to repair, update and extend their life. This is exemplified in our specially trained Historic Building Conservation Engineers who can encourage and demonstrate how good conservation ethics can be followed.



Intelligent systems

The types of systems are varied and specific to each project and sector. Our challenge is to understand your key objectives and work these into an infrastructure solution that supports your business continuity, is reliable, resilient, flexible and cost efficient.



Strategic asset management

Implementing a strategic asset management protocol will identify purchasing improvements with sustainable and optimal delivery whilst at the same time meeting statutory and legislative obligations.



Strategic facilities management

Anything you can think of that falls within the facilities management arena we can help you with. The people who will deliver this for you have extensive operational experience of running and maintaining buildings so they understand what it takes to deliver what you need.



Structural and civil engineering

Our engineers works with the client and design team from feasibility through all stages of the project to completion, regularly providing site supervision and project management.



Sustainability

By exploring and understanding your aims we will shape your investment in sustainability into a cost-effective delivery model based around a set of services. Our designers, project managers and leaders are all experienced in delivering bespoke sustainable solutions drawing on sector specific technical knowledge.



Technical project management

Engineering services can be the most prominent and critical feature needing appropriately specialised leadership and input. We can manage and deliver these projects for you as a single point of contact drawing on our approved supply chain and consultants.

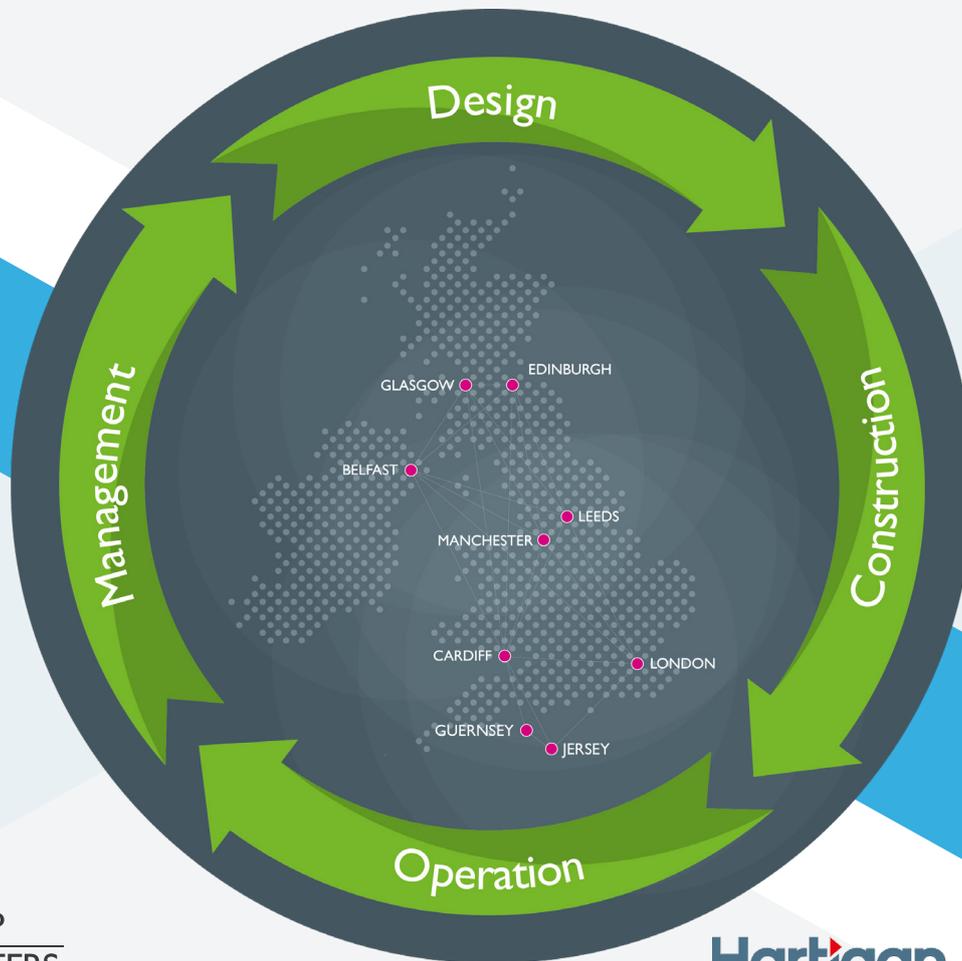
Our sectors

You can appoint us either as a team or individually to carry out any combination of whole life consultancy services. This can be as a direct appointment or for work in the UK via our extensive frameworks.

We can either work independently for you or as part of a wider design team. We are also comfortable within constructor, project management or architect led teams to suit your preferred procurement plan and have a number of routes that permit fast and straightforward appointments. Whatever you require we can tailor our appointment and service offer accordingly.

Nationally we deliver a broad range of work across the industry bringing our experience, knowledge and specialisms to achieve innovative, sustainable solutions and the best possible outcomes for your commission. We work across the following sectors:

- + Commercial
- + Custodial
- + Education
- + Government
- + Harbours and Airports
- + Healthcare
- + Heritage
- + Judicial
- + Leisure
- + Media
- + Residential
- + Retail



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