

ITPEnergised

Trusted Technical Advisor

**Corporate, Industrial &
Manufacturing Sector**

“We believe passionately in the world’s transition to net zero. We are a team of trusted technical advisors who meet and exceed our clients’ aspirations.”





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In numbers



ITPEnergised



> 75% repeat business



Helped 190 clients achieve carbon targets in 2020



> 65 countries, > 30 developing countries



> 10 locations globally



Directly driving 7 of 17 UN SDGs

*7. Clean energy 8. Economic growth 9. Industry and Infrastructure
10. No inequality 11. Sustainability 13. Climate action
17. Partnership*



Our motivated staff are key to us and our clients



Delivered > 220 RE & storage projects in 2020



Commercially minded & technology-enabled

Passionate about Net Zero



Our passion



Your Net Zero and ESG delivery partner:

At ITP Energised we're passionate about Net Zero. Our team of industry leading trusted technical advisors meet and exceed our clients' aspirations. Our agile and flexible delivery team works to refine and enable positive changes to environmental, social and governance (ESG) factors and decarbonisation strategies, and to deliver fully practicable solutions.

We work in partnership with our clients to optimise the efficiency of existing assets and facilitate transition to low and zero carbon energy at corporate and site level. In addition, our environmental compliance and impact assessment specialists reduce regulatory/planning burdens and provide exceptional advice and practical solutions.

Sectors:

- Corporate, Industrial & Manufacturing
- Property & Urban Regeneration
- Onshore Renewables & Storage
- Offshore Wind & Marine Renewables
- Oil & Gas

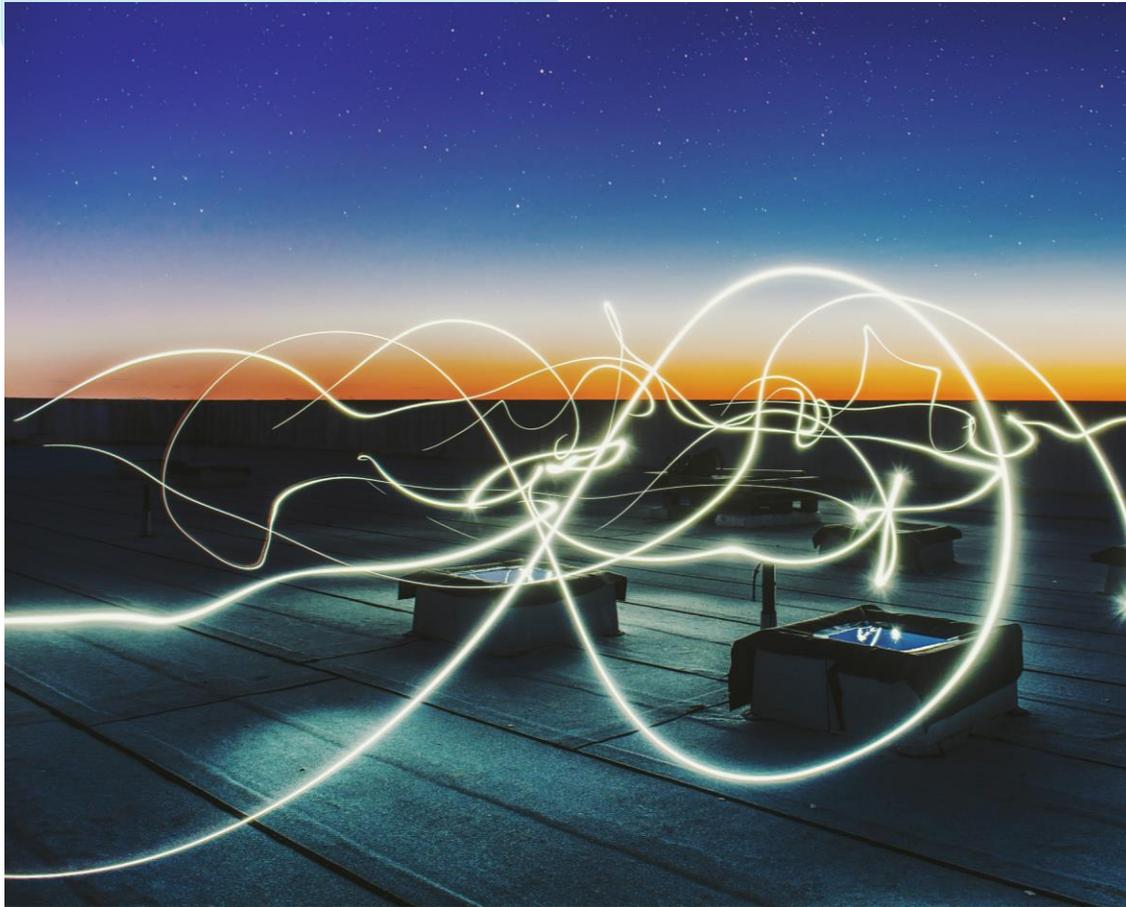
Expertise:

- Advisory
- Environmental Planning
- Technology



Why we are different

Differentiation



We think outside the box to help you transform your business:

- Understanding your bird's eye view on wider goals and objectives
- Bringing our passion, commitment and focus to your projects
- Delivering high quality, on time, on budget projects
- Bringing innovation and problem solving solutions
- Being confidently curious in all that we do
- Becoming an extended part of your inhouse team and advisors
- Understanding the commercial implications of technical discovery
- Challenging the status quo where it adds value – revenue, cost, time
- Thinking long term – pipeline, portfolio, platform - not just one project



How we work with you

Engagement



We think win-win and full project life cycle to help our clients grow:

- We identify relevant trends and innovation:
 - Emerging technologies and future best available techniques
 - Key regulations that drive investment opportunities and risks
 - Market size, growth and behaviour in short and medium term
 - Strategic actions of participants and our network
- We are then better placed to understand your wider goals
- We provide expert and commercially focused guidance and scientific analysis
- We join the dots with other ITPE services that may be of benefit
- We close gaps in expertise needed with our comprehensive network

Our expertise



Corporate advisory



ESG & Sustainable Development and Finance

- ESG strategy and performance
- Impact investing
- Stakeholder engagement
- Carbon strategy
- Compliance and diligence
- TCFD alignment
- Benchmarking (CDP, SDGs)
- GHG reporting and verification
- Programme management
- Capacity building and training



Energy and Low Carbon Transition

- Energy management system design and auditing
- Energy and carbon permitting
- Decarbonisation and net zero strategy planning
- Technical and commercial feasibility assessments
- On-site energy generation feasibility
- Energy Performance Certificates
- Behavioural change programmes



EHS, Permitting & Compliance

- Applications, variations and surrenders
- Emissions monitoring and assessment
- Air Quality modelling (ADMS, Aermoc, Puff)
- Environmental Management Systems
- Regulator and stakeholder liaison
- Compliance support
- Improvement conditions



Asset Management & Technical Due Diligence

- Technical asset management
- Financial asset management
- Technical due diligence
- Technical advisory and Client's Engineer
- Solar design



Air Quality & Acoustics

- Odour and Noise monitoring
- Modelling and interpretation
- Liaison with stakeholders
- Odour and Noise control and abatement
- Best Available Techniques assessment and justification
- Cost benefit analysis
- Private nuisance support

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Our expertise



Environmental Planning



Environmental & Social Impact Assessment

- Constraints assessments
- Feasibility, screening, scoping
- ESIA project management
- Regulatory consultation
- Technical disciplines
- Stakeholder engagement
- Public inquiry
- Expert witness



Ecology & Ornithology

- Habitat and botanical survey
- Preliminary Ecological Assessment
- Specialist species surveys
- Biodiversity enhancement
- Habitat management plans



Construction Environmental Management

- Licensing support
- CEMP
- Environmental monitoring
- Habitat management
- Environmental clerk of works
- Ecological clerk of works



Flooding & Hydrology

- Flood risk assessment
- Hydrological assessment
- Peat management
- Surface water management
- Groundwater Dependent Ecosystems

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Our expertise



Technology



Engineering

- Technology review
- Engineering review of systems design
- Substation site selection and routing designs
- Cable design including dynamic loading and asset reliability
- Substation layout design
- Grid connection concept
- Micro grid concept costing
- Private wire design



Power Systems

- Load flow studies and reactive power capability, compensation equipment specification and optimisation
- Short circuit (fault level) equipment rating
- Transient network strength studies and stability (SCR, weak grid)
- Electrical losses assessment and design optimisation
- Grid Code compliance tests, studies and model validation
- Cable rating, including offshore dynamic cable rating
- Network constraint modelling



Development Project Management & Grid Services

- Project design development and management
- Site finding and resource assessment
- Grid application preparation, support and due diligence
- Network connection costing
- Procurement support
- Programme management



Regulation Services

- Licensing, exemptions, regulatory requirements, metering systems, obligations and arrangements.
- Grid connection costs
- System charges (TNUoS, GDUoS)
- Balancing charges (BSUoS)
- Transmission loss multipliers, benefits and credits, underwriting and security requirements.
- Charging arrangements for transmission and distribution connected projects.
- Provision of consultation briefings and responses to help our clients be heard and protect their projects.

Trusted Technical Advisor



Some of our clients



WILLIAM GRANT & SONS
INDEPENDENT FAMILY DISTILLERS SINCE 1887



Client Testimonials



What clients say about us

- “Excellent - impressed, added-value, easy to work with” – Bruichladdich Distillery
- “The unique nature of this development meant we were looking for people who could adapt their skills to a new environment and were not afraid of learning something new outside of their comfort zone. ITP E proved to be our perfect partner, bringing their established credentials whilst remaining sensitive to the development’s peculiar needs” – Shetland Space Centre
- “The engagement throughout has been superb. Advice over the phone and the comprehensive nature of the site engagement was exemplary” Coller Capital
- “ITP Energised not only delivered the services we needed but they provided added-value in terms of knowledge and contacts to help us to build useful relationships. ITP Energised were easy to work with and communication was excellent throughout - the team was available when we needed them” - Global distiller



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ITP Energised Group offices in:

Bristol, London, Edinburgh, Glasgow, Aberdeen, Lisbon, Madrid, Delhi, Beijing, Canberra and Auckland

Onshore Renewables & Storage | Offshore Wind & Marine Renewables
Corporate, Industrial & Manufacturing | Property & Urban Regeneration
Oil & Gas

itpenergised.com



fdf food & drink
federation
passionate about food & drink

