



# ITP Energised

Trusted Technical Advisor

## Oil & Gas Transition 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 over 280 clients with the net zero transition in 2023



> 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 > 750 projects in 2023



Commercially minded & technology-enabled

# Passionate about Net Zero



## Our passion



We specialise in bringing our clients low carbon transitions plans to reality.

We work across the asset lifecycle supporting both regulatory requirements but enhance asset stewardship strategies including environmental, social & governance (ESG) reporting whilst maximising economic recovery (MER) for our clients leading to the delivery key areas of expertise:

### Sectors:

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

### Expertise:

- Decarbonisation Strategy
- Identifying opportunities
- Engineering
- Future Proofing

# Why we are different



## Differentiation



We apply our knowledge to help your transition to a decarbonised future:

- ✓ Numerous scopes executed across the asset portfolio tackling operational, production and environmental challenges
- ✓ Bringing lessons learned from decades of experience of working with operators internationally
- ✓ Onshore & Offshore
- ✓ ESG and stewardship strategies
- ✓ Physical surveys including emissions measurement and desktop studies
- ✓ Dedicated multidiscipline teams across all technical disciplines
- ✓ Breadth of capability across all future opportunities including CCUS, Hydrogen
- ✓ Electrification modelling & grid connection
- ✓ Vast renewable experience/fixed and floating offshore wind and renewables technologies
- ✓ Energy integration experience



# How we work with you

## Engagement



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

- We apply a pragmatic and focused approach to key account management
- 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 join the dots with other ITP Energised 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, Aermol, 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



### Geology, Peat & Hydrology

- Geology & Ground Condition Impact Assessments
- Peat management
- Wind Farm Carbon Balance Assessments
- 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.

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## Some of our clients



Petrofac





# Client Testimonials

## What clients say about us

- “Extremely happy with the project team, delivered... to a very high standard, solutions driven and go the extra mile, depth of sector and peer knowledge” – Neo Energy
- “It’s of high quality, it’s done on time and it’s what you need to get the job done” – Exceed
- “Excellent / pleasure to work with” – Jersey Oil and Gas
- “Pretty bang on” – Serica Energy
- “Excellent” – Spirit Energy





As of January 2024, ITPenergised is now part of [SLR Consulting](#).

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

Please contact us at [info@itpenergised.com](mailto:info@itpenergised.com)

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