

## ITPEnergised Group



## GLOBAL CAPABILITY STATEMENT

## Introduction

The ITPnergised Group is a world-leading consultancy offering energy, environmental, engineering, technical advisory and renewables asset management services. Our private and public sector clients include utilities, developers, investors, funders and regulators. We have unmatched experience, providing our services to onshore and marine energy, property and urban regeneration, transport and infrastructure and corporate clients in more than 150 countries for over 35 years.

From project feasibility assessment through to services during design, construction and operation, our global coverage, international specialists and 'trusted advisor' approach make us the first choice. Personal attention to every client and project is a key part of our



offering. Everyone in the ITPnergised team takes pride in their work, and together we ensure our clients receive a top quality service on every project. Our clients have described our approach as 'refreshing', 'entrepreneurial', 'brilliant' and 'beyond a consultant'.

*"I have used the services of the key personnel at ITPnergised over a number of years and will continue to engage them as my preferred choice. I have the utmost confidence in their expertise and professionalism, and value their approach to delivering practical and appropriate advice at a sensible cost. For me, they 'de-clutter' what is often perceived as a complex science, subject to ever-changing regulation."*

Andrew McMurtrie, Stoerhouse Highland, a major biomass developer

## Extensive client base

ITPnergised's clients range from multilateral agencies such as the World Bank Group and the United Nations, through to industrial multinationals, renewable energy project

developers, private equity firms, technology companies and investors. ITPnergised also advises governments and non-governmental organisations (NGOs) on energy and climate change aspects of international development. Selected clients include:

*"I have always enjoyed working with ITPnergised. The high sense of professionalism and dedication in executing tasks has been of great value to ECREEE and our work for the ECOWAS Member States. Thank you!"*

Hyacinth Elayo, ECOWAS Centre for Renewable Energy and Energy Efficiency

If you are looking for a reliable partner to support your project please contact:

[jonny.clark@itpennergised.com](mailto:jonny.clark@itpennergised.com)



## Global capabilities



In the energy sector, we have project experience in onshore and offshore wind, solar photovoltaic (PV), solar thermal, biomass, anaerobic digestion, wave and tidal stream and lagoon technologies and in electricity transmission and distribution.

We also have track record in providing energy and environmental services on transport infrastructure, property and urban regeneration and to corporate blue chip clients.

ITPenergised is ideally placed to satisfy all of your project delivery needs and offers a comprehensive set of services, including:

- Low emission pathways & policy advisory
- Carbon market & climate change consultancy
- Capacity building & technology transfer
- Resource and energy yield determination
- Market assessment
- Economic & technology feasibility
- Onshore renewables engineering and R&D
- Specialist marine & offshore engineering
- Solar thermal technologies design
- Energy efficiency & green building design
- Environmental planning services
- Corporate environmental responsibility
- Technical & environmental due diligence
- Project management

*"It is worth mentioning how pleased we have been with IT Power's involvement in what has been an exceptionally difficult, fast-paced, and constantly changing project. Your team has been flexible and accommodating, and produced work of very high standard across the board, which has been much appreciated"*

*Joseph Mayhew, Ministry for Foreign Affairs and Trade (MFAT), New Zealand*

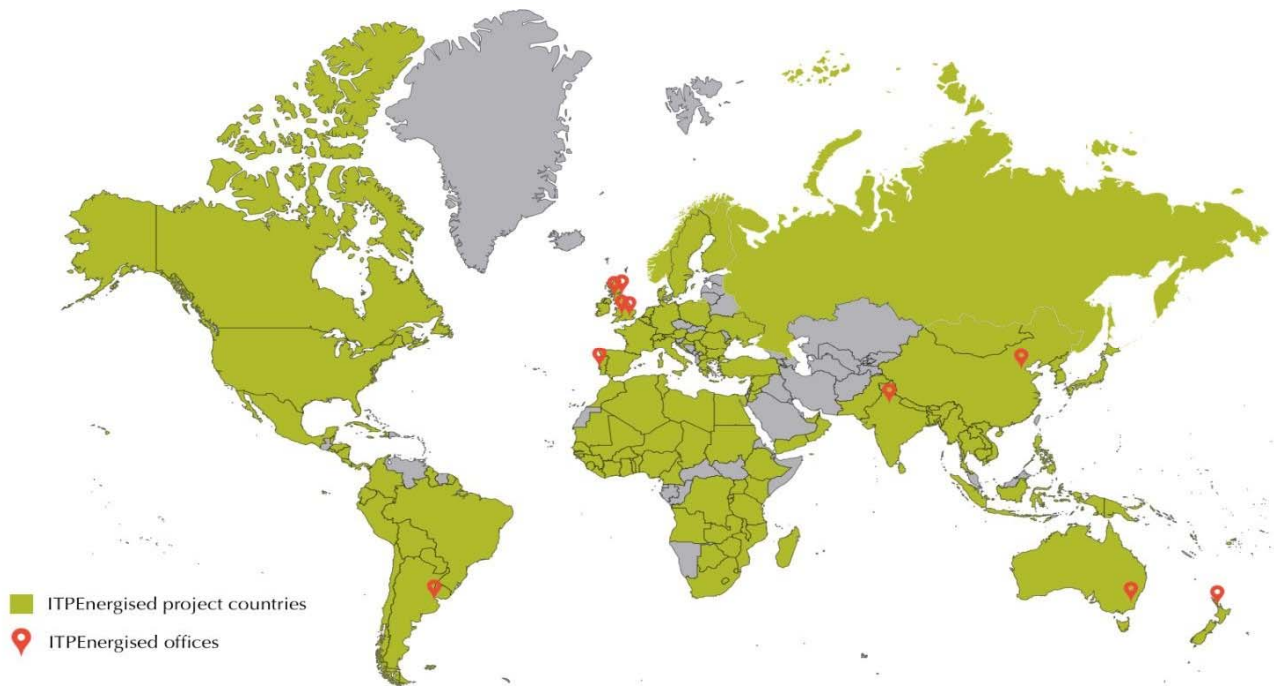
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## Geographical coverage

We have specialist knowledge of, and have delivered projects in, more than 150 countries.



## Contact us

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## Selected project experience

The following is a selection of a few of our projects, demonstrating the breadth of services we provide globally. We would be happy to provide more detail on any given service and geography.

Client/geography	Project description
<b>United Nations Industrial Development Organisation, Mozambique</b>	Report on Market-based Dissemination of Integrated RE Systems for Productive Activities in Rural Areas
<b>African Development Bank (AfDB), Tanzania, Kenya and Ghana</b>	Support to the SE4ALL country action processes in Tanzania, Kenya and Ghana, including the development of Action Agendas and Investment Prospectuses.
<b>National Energy Fund (FUNAE)/World Bank, Mozambique</b>	Supervision of PV system installations in 500 off-grid schools, clinics and villages.
<b>European Commission/Intelligence Energy Europe, Europe</b>	Promotion of Reliable Disclosure Systems for Europe by supporting EU countries in the proper implementation of the RES Directive 2009/28/EC concerning Guarantees of Origin.
<b>International Finance Corporation/World Bank, Chile</b>	Preparing a portfolio of pilot projects for the Renewable Energy for Self-Supply and Energy Efficiency (RESSEE) Programme.
<b>Private clients, Belize and Lebanon</b>	Capacity building on the fundamental aspects of energy auditing and investing into renewable energy projects.
<b>World Bank, Nigeria</b>	Market study for the off-grid lighting market.
<b>International Finance Corporation, South Africa</b>	Market assessment of the South African green building market for new residential buildings.
<b>Organisation of American States, Antigua &amp; Barbuda</b>	National Energy Policy and Sustainable Energy Action Plan for the Ministerial Cabinet.
<b>European Bank for Reconstruction and Development, Bulgaria</b>	Renewable Energy Action Plan for Bulgaria.
<b>FUNAE, Mozambique</b>	Development of a model to calculate off-grid electricity tariffs for renewable energy projects.
<b>United Nations Development Programme, Central America</b>	Mid-term evaluation of Accelerating Renewable Energy Investment in Central America and Panama.
<b>Asian Development Bank, China</b>	Integrated Renewable Biomass Energy Development Project to develop a market for medium to large biogas plants at livestock farms and agro-product processing enterprises.
<b>Asian Development Bank, Afghanistan</b>	Technical assistance to government for development a renewable energy roadmap and renewable energy projects.
<b>KFW Development Bank, India</b>	Pre-feasibility study on land-neutral PV power plants in Kerala and Maharashtra.
<b>United Nations Development Programme, India</b>	Assistance in implementation of Energy Conservation Building Codes in twelve states.
<b>Gujarat Power Corporation Limited, India</b>	Electric vehicle pilot projects with solar charging.
<b>Power Finance Corporation of India, India</b>	Lender's engineer for four 5MW solar projects in Rajasthan.
<b>Energy Efficiency Services Limited, India</b>	Annual energy savings plan for small and medium enterprises (SME) and commercial buildings sectors in the state of Gujarat.

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<b>Burcote Wind, UK</b>	Development and consenting of a 700 MW portfolio of large scale wind farms.
<b>Molson Coors, UK</b>	Support and projects for client's "Our Beer Print" sustainability programme.
<b>Capricorn Energy, Senegal</b>	Best practicable environmental options to treat and dispose of waste arising from oil exploration and appraisal drilling.
<b>Capricorn Energy, Senegal</b>	Update of 2014 environmental & social impact assessment (ESIA) and 2015 ESIA Addendum for Phases I and II oil exploration, and appraisal for the Phase III drilling.
<b>Alpha Real Capital, UK</b>	Technical due diligence of onshore wind and solar assets, and asset management of the portfolio.
<b>Schlumberger, Tunisia</b>	EMS implementation and audit training course to support ISO 14001 certification.
<b>Hoolan Energy, UK</b>	ESIA of three large scale wind farms on the Orkney Isles.
<b>Pulse Tidal, UK</b>	Design and development of a 1.2MW commercial demonstrator tidal stream generator.
<b>British High Commission, India</b>	Design of a tendering methodology for new offshore wind projects in India, financial modelling and policy advice.
<b>Perpetuus Tidal Energy Centre, UK</b>	FEED study for a 30MW tidal energy project off the southcoast of the UK
<b>TIME (Turbulence In Marine Environments)</b>	Measuring, modelling and characterising turbulence at tidal sites, including production of guidelines.
<b>Independent Review, BEIS, UK</b>	Technical advisor to the Independent Review of Tidal Lagoons (Hendry Review).
<b>UK Foreign &amp; Commonwealth Office, China</b>	Ocean energy roadmap for the Chinese National Energy Administration with targets and commercialisation plans.
<b>New Development Bank</b>	Due diligence reviews on investments into two Chinese offshore wind projects worth USD 1 billion.
<b>Lithium battery trial, ARENA</b>	Conducting independent testing of the performance of six major lithium-ion battery brands, an 'advanced' lead-acid battery and a conventional lead-acid battery.
<b>Tokelau, MFAT, New Zealand</b>	Technical and financial aspects of the Tokelau mini-grid systems, which was unveiled at the Pacific Energy Summit in Auckland.
<b>Clean Energy Regulator, Australia</b>	Over 5,000 quality and compliance inspections of roof-top PV installations.
<b>Ahlstrom Capital, Australia</b>	Technical and business assessment of Ripasso Energy's Dish Stirling technology for potential investor
<b>Vast Solar</b>	Technical and commercial feasibility assessment of demonstration solar concentrated solar power plant.
<b>Mongolia green school</b>	Capacity building programme on green building design and integration of renewable energy technologies (BIRE)
<b>Bedford Borough Council, UK</b>	Feasibility study for the potential of hydropower at Cardington Sluices on the River Great Ouse.

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