



Consulting · Engineering · Implementation

# Capability Statement | 2015

[www.itpowergroup.com](http://www.itpowergroup.com)



# ITP CAPABILITY STATEMENT | 2015

Established in the UK in 1981 as IT Power, ITP now has a global network of offices in Africa, Australia, China, India and Latin America, in addition to its HQ in Bristol and offices in London. The company has delivered more than 1,500 projects in over 120 countries.

Today ITP employs experienced international experts across a range of engineering, clean energy, technical, financial, policy, economic and business consulting disciplines to provide expert advisory services to skilfully deliver your project. ITP's Quality Assurance System is certified to ISO 9001 2008.

ITP offers technical due diligence, engineering and advisory services for investors, project developers, technology innovators and institutions looking to assess their sustainable energy project or technology.

ITP also advises governments and NGOs on energy and climate change aspects of international development.

We enclose an outline of our core capabilities and expertise to help you understand what services, technologies and geographical reach ITP can offer your company.





## ITP SUSTAINABLE ENERGY CONSULTING

Our Sustainable Energy Consulting services comprise:

- Capacity building
- Due diligence – project, technical and technology
- Economic and technology feasibility
- Market assessment
- Owner’s engineer
- Project management
- Performance analysis
- Resource and energy yield determination
- Social, environmental and economic impacts
- Technology transfer
- Training

	Africa	Australia	Caribbean	China	Europe	India/SE Asia	Latin America	The Pacific	United Kingdom
Capacity building	●	●	●	●	●	●	●	●	●
Due diligence – project, technical and technology	●	●	●	●	●	●	●	●	●
Economic and technology feasibility	●	●	●	●	●	●	●	●	●
Market assessment	●	●	●	●	●	●	●	●	●
Owner’s engineer	●	●	●	●	●	●	●	●	●
Project management	●	●	●	●	●	●	●	●	●
Performance analysis	●	●	●	●	●	●	●	●	●
Resource and energy yield determination	●	●	●	●	●	●	●	●	●
Social, environmental and economic impacts	●	●	●	●	●	●	●	●	●
Technology transfer	●		●	●	●	●	●	●	●
Training	●		●	●	●	●	●	●	●

Matrix Key: ● High Expertise ● Medium Expertise ● Some Expertise



## ITP INDEPENDENT INVESTMENT ADVICE

Our Renewable Energy Investment Advisory services encapsulate:

- Project identification
- Project management
- Regulatory approval advice
- Technical services and due diligence

	Africa	Australia	Caribbean	China	Europe	India/SE Asia	Latin America	The Pacific	United Kingdom
Project identification	●	●	●	●	●	●	●	●	●
Project management	●	●	●	●	●	●	●	●	●
Regulatory approval advice		●	●		●	●	●		●
Technical services and due diligence	●	●	●	●	●	●	●	●	●

Matrix Key: ● High Expertise ● Medium Expertise ● Some Expertise



## ITP OFFSHORE CONSULTING

Our Sustainable Energy Consulting services comprise:

- Electrical engineering
- Mechanical engineering
- Modelling
- R & D
- System controls
- Technical specification
- Technical design

	Australia	China	Europe	United Kingdom	USA
Device and installation engineering design		●	●	●	●
Device and performance modelling		●	●	●	●
Market research & business strategy development	●	●	●	●	●
R & D		●	●	●	●
Feasibility studies	●	●	●	●	●
Due diligence studies, economic modelling	●	●	●	●	●
Site selection, modelling, and analysis	●	●	●	●	●
Site development, permissions, stakeholder management		●	●	●	
Prototype and deployment project management		●	●	●	

Matrix Key: ● High Expertise ● Medium Expertise ● Some Expertise



## ITP CARBON MARKET AND CLIMATE CHANGE CONSULTING

Our Carbon and Climate Change services include:

- Carbon reduction strategies
- Climate change adaptation strategies
- Low carbon strategies in Emerging Economies
- Climate financing
- CDM due diligence
- CER/VER sale and revenue realisation
- Preparation of Project Idea Note (PIN), Project Concept Note (PCN) and Project Design Document (PDD)

	Africa	Australia	Caribbean	China	Europe	India/SE Asia	Latin America	The Pacific	United Kingdom
Carbon reduction strategies	●	●	●	●	●	●	●		●
Climate change adaptation strategies	●	●	●	●	●	●	●		●
Low carbon strategies in Emerging Economies	●		●	●	●	●	●		
Climate financing	●		●	●	●	●	●		
CDM due diligence	●		●	●	●	●	●	●	●
CER/VER sale and revenue realisation	●		●	●	●	●	●		
Preparation of Project Idea Note (PIN), Project Concept Note (PCN) and Project Design Document (PDD)	●		●	●	●	●	●		

Matrix Key: ● High Expertise ● Medium Expertise ● Some Expertise



## ITP COMMUNITY ENERGY SERVICES:

Our Community Energy consulting services encompass:

- Capacity building and technology transfer
- Financial models
- Renewable energy interventions and master plan development
- Advise on policy and regulations
- Project planning, monitoring and evaluation
- Social, environmental and economic impacts
- Promotion of private sector participation

	Africa	Australia	Caribbean	China	Europe	India/SE Asia	Latin America	The Pacific	United Kingdom
Capacity building and technology transfer	●	●	●	●	●	●	●	●	
Financial models	●	●	●	●	●	●	●	●	
Renewable energy interventions and master plan development	●	●	●	●	●	●	●	●	●
Advise on policy and regulations	●	●	●	●	●	●	●	●	●
Project planning, monitoring and evaluation	●	●	●	●	●	●	●	●	
Social, environmental and economic impacts	●		●	●	●	●	●	●	●
Promotion of private sector participation	●		●	●	●	●	●	●	●

Matrix Key: ● High Expertise ● Medium Expertise ● Some Expertise



## TECHNOLOGY EXPERTISE:

ITP can review project feasibility for all major renewable and sustainable energy technologies, including:

- Biomass
- Energy efficiency
- Heat pumps
- Rural electrification
- Solar – PV, CSP, CPV
- Small and micro hydro
- Wave
- Wind /Offshore wind
- Tidal barrage, range, stream
- Policy design
- Corporate strategy
- Technology R&D

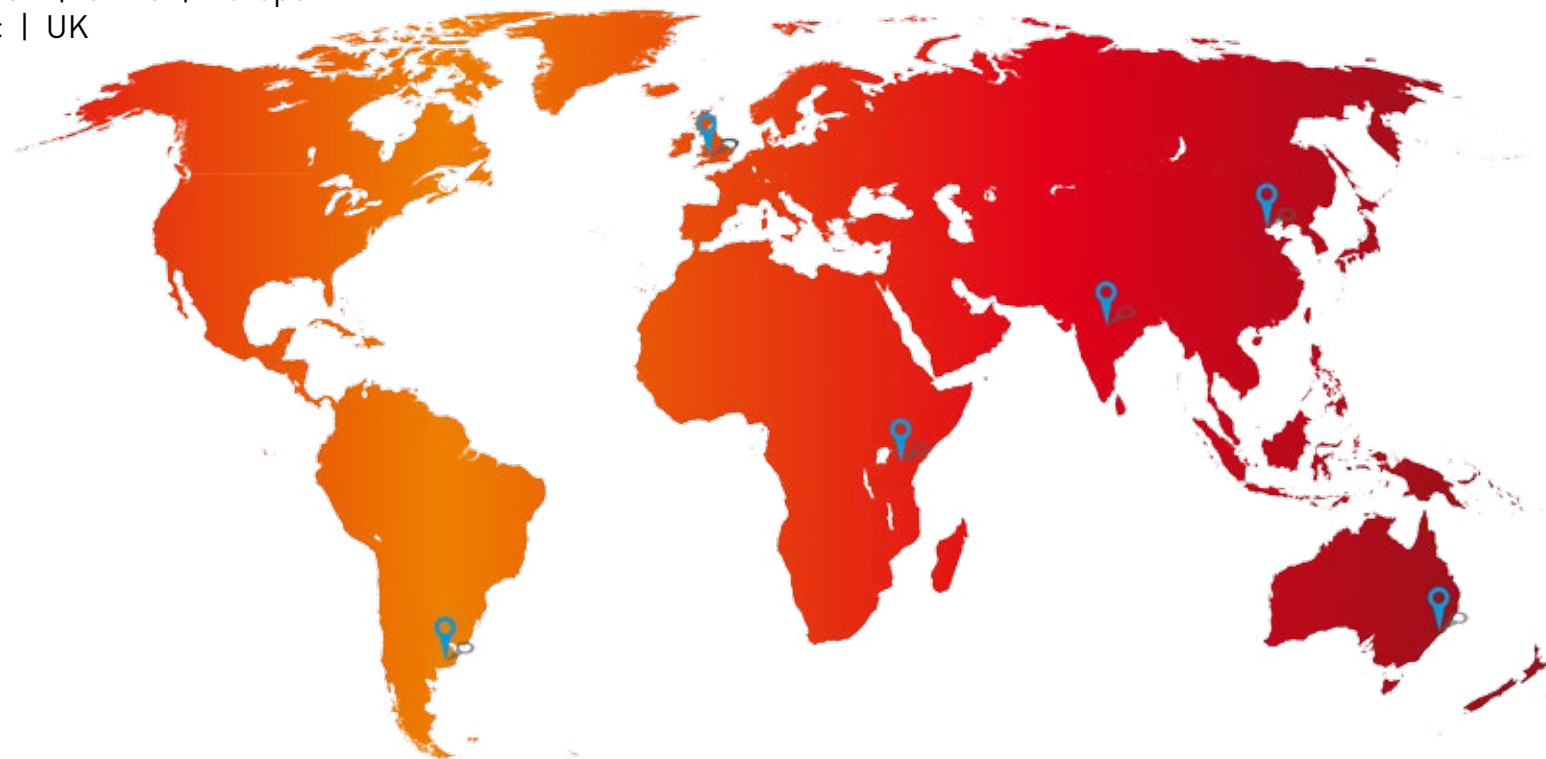


## GEOGRAPHICAL COVERAGE:

Since 1981, ITP has delivered in excess of 1,500 projects in over 120 countries. We can apply our services to any country and assess the feasibility of their renewable energy, sustainable energy or climate change project.

We have specialist knowledge and regional offices in:

Africa | Asia | Australia | Caribbean | China | Europe  
India | Latin America | The Pacific | UK



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**Excellence in sustainable energy and climate change consulting**

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