



ITP INDIA



CAPABILITY STATEMENT

2022

ITP India is part of the ITP Energised Group www.itpenergised.com
ITP Energised Group includes offices in the UK, Australia, New Zealand, China and India, and has representatives in Spain, Portugal, Argentina and the US

INTRODUCTION

ITP India, established in 1997, is one of the earliest consulting organisations in South Asian region dealing with renewable energy, energy efficiency, clean energy access and climate change. ITPI specialises in renewable energy market & feasibility studies, sustainable energy resource assessments, technical engineering design, project development & management, policy & strategy development, field surveys, training & capacity building, monitoring & evaluation, and technical due diligence to investors. Since its inception, it has worked on several projects that involved decentralised / off-grid renewable energy, mini-grids, rural electrification, energy efficiency in residential, commercial & industrial sectors, and climate mitigation & adaptation studies.

The ITPowered Group is a world-leading consultancy offering energy, environmental, engineering, technical advisory and renewables asset management services in more than 150 countries for over 35 years. Our team has a wealth of international experience working with a wide variety of clients and sectors and on projects of all scales. Globally, we attract experts in all aspects of renewable energy.



The Group has its origins as IT Power, formed in the UK in 1981. Named for the term 'Intermediate Technology' originally coined by the author EF Schumacher. It is now a group of companies that are individually owned and managed but which retain strong cross ownership and collaborative arrangements.

MEMBERSHIPS AND AFFILIATIONS

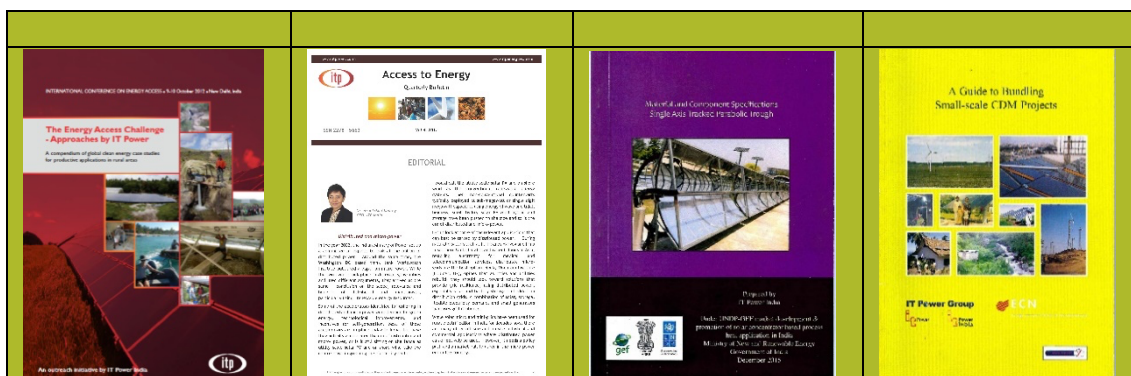
 <p>Energy off the Grid and of the People</p> <p>thecleannetwork.org</p>	 <p>US-India Clean Energy Finance</p> <p>www.usicef.org</p>	 <p>CLIMATE TECHNOLOGY CENTRE & NETWORK</p> <p>www.ctc-n.org</p>	 <p><i>A Venture Beyond Borders...</i></p> <p>www.pfclindia.com</p>
 <p>igbc.in/igbc</p>	 <p>SKILL COUNCIL FOR GREEN JOBS</p> <p>sscgi.in</p>	 <p>Sustainable solutions, better lives.</p> <p>www.ashden.org/about/air</p> <p>ec</p>	 <p>SOFTWARE</p> <p>www.designbuilder.co.uk</p>



SELECTED PROJECT EXPERIENCE

Geography/ Client	Project Description
Renewable Energy	
Kenya/Kenya Ministry of Energy & World Bank	Consultancy Services for Independent Verification Agent (IVA) of the Kenya Off-grid Solar Access Project (KOSAP) for Underserved Counties
SAARC Countries/SAARC Energy Centre	Mini Grids and Access to Electricity in SAARC countries
India/ European Union	EU Technical Assistance Facility for the Sustainable Energy (DESIREE_ DEMand Side Management Social Infrastructures and Renewable Energy Expansion)
India/GIZ	Investment prospectus preparation meeting Green Bonds/ Climate Bonds Certification requirement for mobilizing financing for efficient grid connected Solar Pumps in selected states of India
Bangladesh/Asian Development Bank (ADB)	Capacity development for renewable energy investment programming and Implementation - investment plan for other renewable energy resources (wind & biomass) in Bangladesh
Uzbekistan/World Bank	Deploying energy efficiency and distributed solar in the public buildings sector
India/Climate Policy Initiative (CPI)	Market assessment for 2 MW aggregated capacity for roof top solar in residential sector in 13 cities
Oman/ Public Authority for Electricity & Water (PAEW)	Consultancy services on application of renewable energy through costs-from-savings in the PAEW's Assets
India/KfW Development Bank	Pre-feasibility study on land-neutral photovoltaic (PV) power plants in Kerala & Maharashtra
Afghanistan/ADB	Renewable energy development in Afghanistan- development of a renewable energy (RE) roadmap and RE projects, and increase the institutional capacity to plan and implement the RE projects
India/UNDP-Global Environment Facility (GEF), Ministry of New and Renewable Energy (MNRE)	Development of material and component specifications of six standard concentrated solar technologies as reference documentation for maintaining quality in the field
India/Gujarat Power Corporation Limited	Setting up "Pilot" projects based on electric vehicles and solar operated charging stations in Gujarat, India
India/British High Commission (BHC)	Ecosystem for offshore wind development in India
India/Australian Government	Enabling the deployment of concentrating solar power in India

SELECTED PUBLICATIONS





Energy Access	
India/GOGLA	Low Voltage Smart Power & Appliance
Afghanistan/International Finance Corporation (IFC)	Assessing the energy access space in Afghanistan and developing an energy access programme
India/World Bank	Market assessment and technical design options study in Kannauj and Mahoba, for improving energy access in Uttar Pradesh (UP) using renewable energy
Ghana/African Development Bank (AfDB)	Support to SE4ALL country action processes in Ghana, Kenya and Tanzania
Afghanistan/United Nations Development Programme (UNDP)	Consultancy for the design, supervision, procurement & commissioning of two mini-grids (MHP & Solar PV) in Afghanistan
Capacity Building & Skill Development	
Afghanistan/ ADB	Supporting the Forum for Coordination of Energy Stakeholders
India/AEDA (Assam Energy Development Agency)	Training on design, upkeep and maintenance of solar photovoltaic power plant
India/ GIZ	Training of energy efficiency simulation software – DesignBuilder and establishment of baseline for energy efficient building design
Afghanistan/ADB	Practical training on PVsyst and HOMER software
Resource Efficiency & Sustainability	
India/ CDC UK	Market mapping of energy efficiency and water efficiency sectors in India
Mongolia/XacBank LLC	Mini-grid and off-grid project preparation for Green Climate Fund (GCF)-feasibility study for providing clean energy solutions and reducing GHG emissions for heating needs of Ger areas
Afghanistan/UNDP	Development of a proposal to mobilize funds from Green Climate Fund (GCF) for climate change resilience in the context of Afghanistan Sustainable Energy for Rural Development (ASERD) and Climate Change Adaptation Project
India/UNDP	Analyse the current regulatory and financial mechanism for Energy Conservation Building Code (ECBC) implementation, identify the state specific gaps for adoption of ECBC and to suggest state specific strategies including policies and financial incentives for adoption of ECBC
India/WAPCOS Limited	Third party evaluation of solar PV systems in Alwar district of Rajasthan – CSR activities of WAPCOS during the year 2012-13
India/The World Bank	Pilot Implementation of Direct Benefit Transfer for Electricity (DBTE) to Agriculture: Punjab, India
India/CPI/EFL	Developing Environmental, Social and Governance System (ESGS) for roof-top solar



ITPENGISED presence and worldwide experience