

POSITIVE CLIMATE CARE PRIVATE LIMITED

Project Management & Carbon Advisory Services



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POSITIVE CLIMATE CARE PRIVATE LIMITED

Positive Climate Care Pvt. Ltd. a leading carbon asset management company is working in the field of Energy, Carbon advisory services in the emission trading market under both, Compliance (Clean Development Mechanism - CDM) as well as Voluntary Structures (e.g. Voluntary Carbon Standard -VCS), and Renewable Energy Certificates (RECs) under the brand name of PCC. Apart from this, PCC provides Project Management Consultancy services for Renewable energy projects (Solar and Wind); Power trading advisory and Sustainability reporting services to different business groups. It is also active in capacity building and CSR planning advisory for various public as well as private entities. PCC provides client-focused services; specialized in Energy Sector projects, works across diverse project types such as Renewable energy, Energy Efficiency, Green building, Agriculture and Waste Management sector.

PCC has offered its services to various public as well as private sector utilities. We have executed assignments for multilateral agencies such as Asian Development Bank (ADB). Our clientele includes manufacturing and service organizations, financial institutions, governments, government-owned organizations, NGOs, semi-government enterprises and multilateral/bilateral companies in corporate sectors including construction, oil and petrochemical sector.



CLEAN DEVELOPMENT MECHANISM (CDM)

CDM Business: Options and Opportunities for Indian Businesses & Corporate

Rapid industrialization around the world during the twentieth century has led to alarming rise in the emissions of Greenhouse Gases in the atmosphere, leading to human induced (anthropogenic) climate change, which poses the severest threat to world's ecosystems and human civilization. To reduce this catastrophic global warming phenomenon most of the countries around the world came together to form Kyoto Protocol (KP) under the United Nations Framework Convention on Climate Change (UNFCCC).

The Kyoto Protocol has a few flexibility mechanisms like Emission Trading, Joint Implementation and Clean Development Mechanism (CDM). CDM is mainly meant for partnership between developed and developing countries for reduction in Greenhouse Gas (GHG) (CO₂, CH₄, N₂O, HFCs, PFCs and SF₆) emission. As per the CDM, developing countries like India, who do not have any legally binding target in reduction of GHG, under the Kyoto Protocol, can invest and develop various energy efficient technologies and procedures which are well above the Business As Usual (BAU) scenario of the country, and in return the Emission Reductions will be calculated and certified by CDM Executive Board at UNFCCC, for sale in the open market which the Developed Country parties are eager to purchase to compensate their domestic activity to meet the legally binding GHG emission reduction commitment (average

5.2% of their 1990 emissions by 2012) they have under Kyoto Protocol. Basically CDM is a market-based mechanism, which the developed country parties use to invest in high efficiency GHG mitigation projects in developing countries like India. In the process, the developing countries' project developers will be benefited by additional revenue generation through sale of emission reductions. It helps developing countries' industries to adopt latest energy efficient and environment friendly technologies, which otherwise are not financially attractive or viable to invest in. This will ultimately help them to leap frog technological development and to be competitive in the global market. On the other hand, developed country acquires a share of Certified Emission Reductions it can use to meet its emissions reduction commitments at home.

CDM Businesses & India

From the initial stages of CDM, Government of India has shown a proactive approach and set up all the institutional setups (like Designated National Authority – DNA) to facilitate maximum participation of Indian industries to reap the benefits of CDM.

Presently, India hosts the highest number of projects (registered under CDM Executive Board) and it has been rated the most favoured destination of CDM investments by Developed Country Parties (Source: Point Carbon; www.pointcarbon.com).

Join hands with Positive Climate Care (PCC) to get the Benefits of CDM/VCS

Kyoto protocol/Voluntary GHG emission offsets trading system provides excellent business opportunities for different industries. We advise our clients on how to get profit from the

opportunities offered by Kyoto Protocol/Voluntary trading system and show them how they can activate their hidden carbon assets.

PCC offers advisory services in the emission trading market under both, Compliance and Voluntary Structures and work across diverse project types such as Renewable energy sector (wind, hydro, solar, biomass), Energy Efficiency, Green building sector, Agriculture, Waste Management and Fuel Switching.

Positive Climate Care- Qualifications

Carbon Advisory Services

Our Client Service Approach

We offer the following Carbon Advisory Services to our clients-

CDM/VCS Project Due -diligence & Project Development

- ❖ Identification of potential projects for CDM/CCX/VCS (Voluntary Market) participation
- ❖ Techno-commercial due-diligence of the identified projects to select the most viable ones
- ❖ Project Idea Notes (PINs) and Project Design Documents (PDD) as per UNFCCC format/Voluntary Market specific standard
- ❖ Determination of suitable methodologies for Baseline determination
- ❖ Development of Monitoring & Verification plan

Institutional & Regulatory Approvals

- ❖ Facilitate approval by host country (India) by its Designated National Authority (DNA)

- ❖ Identification of Designated Operational Entity (DOE) for Project validation
- ❖ Facilitation of validation procedure with DOE
- ❖ Apply for Registration at UNFCCC – CDM Executive Board
- ❖ Facilitate the registration procedure
- ❖ Identification of DOE for monitoring and verification
- ❖ Facilitation of yearly monitoring & verification procedure

Carbon Selling / Trading Solutions

- ❖ Facilitate identification of suitable buyers of CERs (Certified Emission Reductions)/ VERs (Verified Emission Reductions)/ VCUs (Voluntary Carbon Units)/ CFIs (Carbon Financial Instruments) in the best interest of project developer.

In essence, we offer complete Compliance and Voluntary market consultancy services from supporting the Initial project identification, development stage, right through to Registration and also facilitate the Implementation, Monitoring, and Verification & Sale of quality emission reduction credits. We provide a complete end-to-end solution for your carbon assets management.

Carbon Contracting Services

Energy cannot be divorced from emissions, and PCC brings its own unique take on energy markets, as they are increasingly impacted by market-based approaches to managing environmental impact. Traditional forms of energy will be with us for a long time, and with traditional technologies, energy decisions are emissions decisions. New energy has zero emissions, but it is only by pricing in the emissions cost of traditional energy that we can compare like-with-like, and new energy becomes economic.

Along with CDM Project Due -diligence & Project Development, PCC helps in preparing:

- Certified Emissions Reductions Purchase Agreement (CERPA)
- Verified Emissions Reductions Purchase Agreement (VERPA)
- Agency Agreement (e.g. For NYSE Blue Registry)
- Communication Agreement

Our Core competency areas are



RENEWABLE ENERGY SERVICES

PCC advises governments and corporate clients on a successful renewable energy strategy and offers services for energy companies, project developers and the financial sector to develop or invest in renewable energy projects from market analysis to monitoring; PCC is a reliable and independent partner for your renewable energy projects.

Renewable energy is energy from a resource that is replaceable by existing flows of energy, such as sunshine, wind, water, biological processes and geothermal heat flows. These energy resources might be used directly or indirectly as forms of energy. The contemporary interest in renewable energy is linked to the exhaustion of fossil fuels and environmental challenges created by the use of fossil fuels and nuclear energy. However, the burning of biomasses for heat and light have been exhausting natural resources for centuries, but the oil

crisis and the greenhouse effect have been strong motivations for the expansion of renewable energy.



The main renewable energy sources are Solar, Wind, Water, Geo thermal, and Biomass.

- ❏ **Solar energy** is energy of the sun. It comes in the form of heat and light. And this can be converted to both electrical and mechanical energy.
- ❏ **Wind energy** is converted into other useful forms of energy such as electrical energy with the help of wind turbines or wind-powered generators.
- ❏ **Hydro power** like wind energy is also converted into electrical energy by using hydraulic power plants.
- ❏ **Geo thermal** energy is heat from within the earth. We can use the steam and hot water produced inside the earth to generate electricity or heat buildings.
- ❏ **Biomass** is organic material made from plants and animals. Some examples of biomass fuels are wood, crops, manure, and some garbage. Biomass fuels are burned to produce steam for making electricity, or to provide heat to industries and homes.

Along with your CDM project development partner, we also assist you in setting up of Solar and Wind power plants.

Project Management Consultancy Services for setting up Solar/Wind power Plants

PCC provides Project Management Consultancy services from concept to commissioning and further operation and maintenance services for solar power plants. PCC has an expert team to provide every type of consultancy for installation of Solar Plants under Bidding Process, Renewable Energy Certificate (REC) Mechanism or Open Access Scheme from Central/State's Nodal agencies.



Services offered to project developers:

1. Assistance in site selection (Government as well as Private Land), Land Acquisition (including conversion into commercial land) keeping in view all technical parameters for feasibility of the solar project.

For acquiring Government land

- Selection of land
- Recommendation of land from RRECL in case of Rajasthan
- Permission of the land possession at different levels, Allotment of the land
- Possession of land

2. Assistance in Registration of project with state nodal agency:

For Registration of Project

- Filling up of application for registration with RRECL in Rajasthan
- Preparation of Feasibility cum Detailed Project report (DPR)
- Preparation of all documents with government agency related with registration.

3. Assistance in Registration of project under three different schemes:

(a) Power Purchase Agreement (PPA) with State Government at preferential tariff (Bidding process)

For this, investor needs to participate in government bidding process. We assist in

- Preparation and Execution of Tender/ Bid documents.
- Coordination with DISCOM/NVVN for signing PPA.

(b) PPA with State Government at Renewable Energy Certificate (REC) mechanism:

A Solar Plant setup through REC Mechanism has two sources of revenue:

- (i) The Electricity that is generated can be sold to
 - Distribution Company (DISCOM) at Average Power Purchase cost (APPC) decided by state government (Pool Cost).
 - Third Party at Mutually Agreed Price
 - Captive Use (at Electricity cost)

(ii) For every unit of power fed to the Grid equivalent RE certificates are issued by CERC through NLDC, which can be traded at Power Exchanges (Indian Energy Exchange and Power Exchange India Ltd) between Forbearance and Floor price

For REC mechanism we assist in

- Application for the REC registration
- Documentation for the REC registration
- Approvals/ Accreditation from State Level Committees
- Registration of the RECs with Central Agency and Sale of the issued RECs.

(c) PPA with Third party at mutually agreed price (Open Access Scheme):

We assist in structuring third party PPA with security & Guarantee mechanism.

4. Assistance in acquisition of **various statutory clearances** like

- Environment Clearance- all clearances related with the Rajasthan Pollution Control Board including issuance of CTE (Consent to Establish) and the CTO (Consent to Operate)
- All approvals related to CEIG (Chief Electrical Inspector for Government), viz. for lines, interconnections, substations and related works.
- Approval for power evacuation from energy ministry, Clearance of power evacuation plan from RVPNL/ DISCOM, Clearance from District Collector, etc.

5. Identification of suitable EPC service provider and further coordination with them.

For the selection of EPC Company for the project

- Invite the proposals and quotations from the reputed EPC companies
- Define the criteria for the selection of the EPC company according to the client's Requirements
- Comparing the equipment and guarantees provided by the different EPC companies
- Selection of the best EPC company as per the requirement of client.

We also have our own team for Project Engineering and management

6. Project Engineering and Management

- (i) Drafting of a comprehensive RFS for inviting vendors, technology providers and system integrators for submitting their budgetary offers for execution of the project.
- (ii) Execution of the bidding process, analysis of quotations and a comparative overview.
- (iii) Comparing different technologies suitable for different conditions.
- (iv) Using the company's strong relationship and contacts in the industry to vouch for the best available technology and pricing and negotiating on behalf of the client.
- (v) Arranging one to one interaction meetings with the system Integrators to help the client understand the Contract details and advice on quality of materials, completeness of contract.

- (vi) Technical evaluation of the offers submitted by various parties to ensure their completeness and compatibility as per the requirements.
- (vii) Approval of quality plan of the vendor
- (viii) Review/Approval of all the Equipment Drawings related to Solar PV Power Plant
- (ix) Finalization of the service provider, technology, contract management.

7. Supervising the procurement and inspection of all materials and ensuring quality

- (i) Supervising Procurement of components and certifying the factory make as an independent inspector.
- (ii) Our Engineers will serve on the site to ensure quality and timely procurement of all materials as per specifications in the original contract.
- (iii) Supervising erection and installation of various components such as modules, inverters, mounting structures, transformers etc.
- (iv) Review/Approval of all Site Execution Drawings/Documents related to Electrical & Civil works.
- (v) Ensuring third party verification of all certificates, standards.
- (vi) The Procurement and inspection consultancy will cover the scope of work as specified in the final EPC contract.

8. Engineering, Construction management, Installation and Commissioning

- (i) Planning, basic and detailed engineering of the entire system.
- (ii) Preparation of the drawings and documents for the execution of the project, proof checking vendor drawings and incorporating them in the system for optimal yield.
- (iii) Approval of all interconnection systems.
- (iv) Scheduling and ensuring the timely completion of the project, including detailed engineering, procurement, erection activities at site, pre-commissioning and commissioning activities.
- (v) Review, supervision and responsibility of work at site during the course of project execution.
- (vi) Supervising the construction and installation of the procured material.
- (vii) Supervising and ensuring the electrical and civil installations as per the approved drawings.
- (viii) Submitting progress reports for the work under process at the site including procurement and construction activities.
- (ix) Supervising and ensuring Grid line construction, which has to be undertaken by the government of Rajasthan.
- (x) Representing the company at fortnightly status report meetings in the state government departments.
- (xi) Preparation and submission of timely progress reports to the company and respective departments.

9. Assistance in Custom and Excise duty waiver clearance from State nodal agency and MNRE for imported and locally procured goods.

- Assistance in applying for CCDC (Concessional Customs Duty Certificates) and EDEC (Excise Duty Exemption Certificates) in state nodal agency and MNRE.
- Complete documentation for application procedure including collection of all requisite documents from EPC service provider, manufacturer-wise copies of all the Purchase/ Contract Orders, Performa invoices etc.
- Attestation/ Certification from a Chartered Engineer, Processing at State Nodal Agency and MNRE, Preparation of consumption norms and approval from MNRE and to facilitate claim of paid duty, due to urgency at plant site
- Submitting a statement to MNRE indicating the confirmation on utilization of materials/components and parts procured from various manufacturers/suppliers by the solar power project developers under MNRE Certificates (CCDC/EDEC), immediately after commissioning of the solar power project.

10. A complete solution for **availing carbon credits under different mechanisms like CDM, CDM-PoA, VCS**, etc.

For availing Carbon Credits:

- Project identification, Techno-commercial due diligence
- Development of all CERs/VCUs related documentation, such as a baseline study, monitoring plan, Technical Documentation like PCN, CDM PDD, CPA-DD, VCS PD etc.
- Applying for all required institutional and regulatory approvals viz. Apply for the Host Country Approval (DNA approval) on behalf of the client. (For CDM)
- Coordination with client as well as DOE (Designated Operational Entity) and various other stakeholders involved in project cycle,
- Provide assistance for the local stakeholder consultation event (if required),
- Provide assistance in procurement of validation/verification services.
- Provide assistance in validation/verification of project.
- Provide assistance in registration of project.
- Assistance to the Validator / Verifier at the Site Visit.
- Submission of the satisfactory replies to the CARs (Corrective Action requests) / NIRs (New Information requests) raised by the Validator / Verifier based on the protocols.
- Provide assistance in the Certification and issuance of CERs/VCUs for the specified period.
- Submission of required information to potential emission reduction buyers.
- Provide assistance in the sale of CER/VCUs and revenue realization.

11. **Project maintenance and payment channel set up** after commissioning of power plant.

Wind Machines Monitoring/ Acquisition/ LPS related Services

PCC provides following services to help investors ensuring the performance and ultimately profitability of their wind energy investments by proper monitoring of their WTGs:

a) Continuous Monitoring (Owner's Engineer) of Windmills

- Mobilization of our skilled team for onsite monitoring activities.
- Day to day onsite monitoring of Wind turbine Generators (WTGs) by our skilled personnel.
- Regular follow up with your O & M contractor onsite in the event of any breakdown (minor/major/repeated error in WTG), subsequent restoration and if any generation loss in terms of machine availability / grid availability).
- Review of Daily Generation Reports (DGR).
- Day to day reporting by our site personnel appraising of the status of the WTG's routine performance.
- Performing Cluster analysis on monthly basis.
- Preparation and submission of monthly monitoring report
- Preparation and submission of comprehensive annual report for monitoring of your WTGs.

b) Assistance in acquisition of operating windmills

- Coordination with windmill owners and to facilitate one to one buyer-seller sale agreement.
- Identification of likely challenges to the Transaction and advice on critical issues
- Assistance in negotiations on the key commercial terms, pricing and structure of the Transaction

c) Assistance in Statutory process -Name change of PPA

- NOC from Developer
- Coordination with respective DISCOM (s)
- Coordination with Nodal Agency (e.g. RRECL in Rajasthan)

d) Legal assistance in filing petitions with Regulator for Late Payment Surcharge (LPS) against delayed payment of power projects at Rajasthan

- Assistance in calculation of accumulated interest
- Pursuance with DISCOM.
- Engagement of Advocate.
- To serve notice and filing petition to DISCOM and Rajasthan Electricity Regulatory Commission (RERC).
- To fight case with DISCOM in RERC.

e) Insurance claim related services

We assist in documentation; follow up with WTG supplier / Surveyor up to finalization of claim.

f) Monthly EB invoicing and follow up with DISCOM / RDPPC for timely payment

Invoices are directly submitted to DISCOM instead of WTG supplier-for reducing Payment Cycle time.

g) Negotiation with different WTG suppliers for new Purchase order/ O & M contract - In your best interest, we negotiate on your behalf for new Purchase order (PO) and afterwards new O & M contract.

h) Project finance – We deal with the financial institutions for compliances & get financial assistance for Wind Power Project & also follow up for Pre / Post disbursement of loan amount.

i) Structured PPA - We assist in structuring third party (under open access mechanism) PPA with Payment Security mechanism.

To reduce the power consumption (Electricity) bills of your unit, PCC also assists in an intensive solution of Power Trading.

Apart from investing in Solar/ Wind Power Plant there is one more alternative solution to reduce your power bill i.e. Power Trading through Exchange or bilateral PPA with Third Party.

This may be beneficial for you as you can get power at discounted price than Government Tariff, which you are paying currently.





Renewable Energy Certificate (REC)

World over, Renewable energy is more expensive than traditional forms of energy and the growth of renewable energy has been supported mostly by governments through various policy initiatives like Feed-in-Tariffs, subsidies, tax concessions, among others. In order to make the renewable energy sector more sustainable, many countries like Australia, Japan, etc. have put in place a mechanism to trade the renewable energy on platforms similar to stock exchanges. The trade of the energy will be purely based on demand and supply and the only role the government plays is to mandate utility companies to buy a certain part of their power from renewable energy sources.

Indian Electricity Act 2003 and Renewable Purchase Obligations (RPOs)

According to the Indian Electricity Act 2003, the State Electricity Regulatory Commission (SERC) set targets for utility companies to purchase some percentage of their total power from renewable energy sources. These targets, called Renewable Purchase Obligations (RPOs), vary from state to state due to the potential of renewable energy. For example, Tamil Nadu has the most potential in Wind energy whereas Rajasthan has the most potential in Solar Energy. If the utility company is unable to buy its share of renewable energy, it can compensate that by buying the RECs from the market to make up for the shortfall.

The denomination of each REC is 1 MWh (1 REC = 1000 units (kWh) of electricity generated). In other words, the electricity producer can sell 1 REC for every 1000 units of electricity generated. The REC is divided into two types

-  Solar REC
-  Non-solar REC

The RECs are valid for 365 days from the date of issuance of the certificate. There is a range in which the RECs can be traded. This range is different for the Solar and Non-solar REC.

Power Exchanges

In India, the trading of RECs has started in two exchanges. [Indian Energy Exchange \(IEX\)](#) and [Power Exchange India Limited \(PXIL\)](#).

ENERGY EFFICIENCY SERVICES

PCC helps in

- Identifying potential areas for energy conservation and efficiency improvements
- Identifying potential areas for process related improvements that result in improved efficiency etc.

Perform Achieve and Trade (PAT)

The Perform Achieve and Trade scheme is a market-based mechanism to enhance energy efficiency in the 'Designated Consumers' (large energy-intensive industries and facilities). The scheme includes the following project steps:

- Goal setting:** Set a specific energy consumption (SEC) target for each plant, depending on level of energy intensity (specific energy consumed = energy use / output) of that plant. The target will specify by which percentage a plant has to improve its energy intensity from the base line value in a period of three years.
- Reduction phase:** Within a three-year period (2009-2012) the designated consumers try to reduce their energy intensity according to their target.
- Trading phase:** Those consumers who exceed their target SEC will be credited tradable energy permits. These permits can be sold to designated consumers who failed to meet their target. Designated Consumers who fail to achieve their target have to compensate this failure by buying permits. If they fail to do either of this, they may have to pay penalties.



The energy consumption reported by designated consumers is based on audit by any of the BEE accredited agencies. The BEE may verify correctness of reported values.



The PAT Scheme is specific to the Designated Consumers only (except Railways). The PAT scheme is evolved in order to incentivise industry to achieve better energy efficiency target in a cost-effective manner. Identified industries are required to improve their SEC within specified period of three years or face penalty provisions under the mandate of the government. At the same time it provides incentive to efficient industries to trade their additional certified energy savings (that beyond the assigned target) can be with other designated consumers who could use these certificates to comply with their SEC reduction targets.

Energy Savings Certificates (Escerts) – How will it work?

Designated consumers will be given Specific Energy Consumption (SEC) targets to meet over a period of three years. If they succeed in meeting the threshold for the energy saving, they will have no obligation to buy ESCerts from others through the PAT mechanism. Those who have surpassed the target (i.e. achieved additional savings above the benchmark) will qualify for earning Energy Saving Certificates (ESCerts), which could be traded with DCs falling short of their targets.

Key features of the Energy Saving Certificates

Energy Savings Certificates (ESCerts) issued to units where energy-efficiency improvements is in excess of targets ESCerts can be traded and used for compliance purposes Trading can be carried out bilaterally or on special platforms created on the power exchanges ESCerts will be maintained in the DEMAT form and each ESCert will be equivalent to 1 Metric Tonne of Oil Equivalent (MTOE).

SUSTAINABILITY REPORTING SERVICES



Sustainability is a business strategy that meets the needs of the enterprises and its stakeholders today while sustaining the resources, both human and natural, which will be needed in the future. In other words, it is a practice of measuring, disclosing and being accountable to internal and external stakeholders for organizational performance towards the goal of sustainable development.

In India, there is an increased pressure on companies to be transparent and socially responsible and present their non-financial performance (primarily environmental and social) in the form of a Sustainability report. In such a scenario, it is vital for companies to understand the evolving trend of reporting and how it may impact their long-term viability. The value of a company is impacted by the quality of its relationship with a range of internal and external stakeholders.

The Ministry of Corporate Affairs, Government of India, in July 2011, came out with the 'National Voluntary Guidelines on Social, Environmental and Economic Responsibilities of Business'. These guidelines contain comprehensive principles to be adopted by companies as part of their business practices and a structured business responsibility reporting format requiring certain specified disclosures, demonstrating the steps taken by companies to implement the said principles.

The Securities and Exchange Board of India (SEBI) vide Circular dated 13/08/2012 has mandated the Business Responsibility Report (BRR) for top listed companies based on market capitalization at BSE and NSE as on 31st March 2012. SEBI has further put tremendous emphasis on disclosing BR Report for all the companies. It is due to the fact that at a time and age when Enterprises are increasingly seen as critical components of the social system, they are accountable not merely to their shareholders from a revenue and profitability perspective but also to the larger society, which is also its stakeholder. In line with the above guidelines and considering the larger interest of public disclosure regarding steps taken by listed entities from a Environmental, Social and Governance ("ESG") perspective, it has been decided to mandate inclusion of Business Responsibility Reports ("BR reports") as part of the Annual Reports for listed entities.

The listed entities which have been submitting Sustainability reports to overseas regulatory agencies/stakeholders based on internationally accepted reporting frameworks need not prepare a separate report for the purpose of these guidelines but only furnish the same to their stakeholders along with the details of the framework under which their BR Report has been prepared and a mapping of the principles contained in these guidelines to the disclosures made in their sustainability reports.

Sustainability reporting is not a new practice. Stakeholders (investors, employees, customers, suppliers, and the community) and the capital markets are increasingly demanding better, more transparent communication of nonfinancial sustainability data. Sustainability reports—also called Corporate Social Responsibility (CSR) or Environmental Social Governance (ESG) reports—that convey information about an organization’s economic, environmental, and social impact are increasingly being issued in conjunction with financial reports—and stakeholders are using them more often in evaluating the long-term viability of a company.

Public reporting offers not only examples of sustainable business behavior, but also allows us to improve our internal processes and achieve our business objectives. It has multiple benefits like

- One can achieve greater credibility among employees, business partners, and government regulators.
- One can attract consumers who value businesses that are implementing sustainable practices.
- It creates public trust in your business because it is based upon what a company does and how honestly it talks about what it does.

In nutshell, it helps you enhance your environmental reputation, manage internal risk and increase business efficiency. So don't miss a crucial and effective opportunity to build and/or repair confidence in your businesses.

Some leading companies have been producing sustainability reports for more than ten years. All organizations (private, public, or non-profit) are encouraged to report against the Guidelines whether they are beginners or experienced reporters, and regardless of their size, sector, or location.

We at PCC, understand the importance of Sustainability to Companies and have invested significantly in developing services to meet their Sustainability objectives — including business performance, process and control analyses and attestation capabilities to help address the challenges of measuring and reporting sustainability data. It will be our pleasure to get an opportunity to work on the Sustainability Reporting for your esteemed Organization. We would welcome your initiative and be very happy on knowing such requirements from your Organization.

OTHER ACTIVITIES AT PCC

Apart from CDM project development, carbon trading and solar/ wind power plants concept to commissioning advisory services, PCC plays a crucial role in capacity building, Energy Simulation studies and CSR planning activities.

Capacity Building- CDM Training Courses

Training is an important part of the development of people and the contribution they make to your organisation's success. Keeping in mind your need for training in management system standards that deliver real results, we conduct basic and advanced level CDM training program. We offer a wide range of practical client training courses designed to meet the needs of your business. Our courses involve a high degree of delegate participation, and you can apply what you learn to improve your company's business performance as soon as you get back to work.

Courses are held regularly all through the year and are led by trained and qualified tutors. We offer both public and in-company training events.

In-company event

We offer in-company events, courses which are dedicated for a company. It can be organised within your own organisation with your group of people.

Public events

Public events are the open house events where we organise the course. All arrangements with respect to course venue, course material, multimedia projector and meals are arranged by us. Any individual or company can nominate people for this course.

Energy simulation studies – Green building sector

Green buildings are environmentally responsible establishments where special care is taken to minimize the damage to the surroundings as well as providing a healthy place to work in. Such highly specialized buildings demand expert guidance and supervision. And this is where PCC plays a crucial role. Our team includes persons having distinction of contributing to national level policies and conducted more than two dozen simulations of live projects.

Corporate Social Responsibility (CSR) Planning Services

We help our clients to address the evolving demands of corporate social responsibility (CSR). We strongly believe that a company's prime corporate responsibility is to deliver sustainable growth of shareholder value.

We help our clients to develop a well thought-out, credible and effective Corporate Social Responsibility (CSR) strategy and implement a range of strategic programmes for the ongoing management

of business conduct, risks to reputation and corporate responsibility. Specifically, we work with clients on the development and testing of codes of ethics and conduct; corporate responsibility, environmental, health and safety, and community management systems, controls, policies and procedures; internal audit; and performance and risk metrics.

We develop a systematic approach that helps companies to quickly inventory existing Corporate Responsibility activities and assess them against internal obligations (e.g. values, codes, policies, etc.) and leading external practices (e.g. peers, rating indices, reporting guidelines, etc.). Depending on a variety of factors, including

the industry, geography and stakeholders, our approach can be tailored to help meet the needs of any client and quickly identify major gaps.



We believe Companies achieve sustainable growth most successfully when they integrate their corporate values with robust CSR related policies, processes and reporting throughout their organisation, encompassing good governance, business ethics, human capital management, supply chain management, environmental, health and safety, and community engagement. We also believe that such policies are highly relevant to public sector, private sector and not-for-profit organisations.

POSITIVE CLIMATE CARE ADVANTAGE

PCC is a team of dedicated professionals and environmental experts who aspire for excellence and providing high end solutions to its clients in the field of carbon trading, environmental issues and also providing technical support in various other fields. They all are specialists in their respective fields and are equipped with good knowledge in the domain of Compliance as well as Voluntary market. They bring together various skills to offer the clients and the company, a competitive advantage.

- ❖ PCC strives to deliver clear and concise advice to its clients with an appreciation of their business needs and an understanding of the commercial and regulatory environment in which they operate.
- ❖ PCC provides sound and pragmatic solutions to the business community, the public sector and institutional set-ups willing to manage or offset their Greenhouse Gases (GHGs) emissions.

Our Mission, Vision & Strategy

- ❖ Our mission is to develop and implement solutions to curb global climate change and boost sustainable energy for the healthy development of society.
- ❖ What differentiates PCC is our strong commitment to partner with clients to achieve their full strategic and operational goals. Our goal on every project is not simply to meet requirements, but to outperform, delivering innovative, yet practical solutions.
- ❖ We craft our solutions with sustainability always mindful of Environmental laws, Government regulations, Climate change policies and their associated institutional and regulatory frameworks in relation to promote clean energy technologies and measures.
- ❖ We are passionate about what we do and our clients see that in our enthusiasm and commitment to their needs. We are committed to continually improve the efficiency effectiveness of our resources and working systems to give most efficient, cost-effective, and consistent and customer friendly services.

The main thrust of PCC's efforts is to

- ❖ Understand and address the challenges of global climate.
- ❖ Promote projects that contribute to Poverty reduction and Sustainable development.
- ❖ Promote energy efficiency and use of renewable energy for rural development and for a cleaner environment.

CREDENTIALS

In June 2014, CMD, Ms. Meenakshi Jain was awarded as Inspiring Women in India in Women Leaders in India Award 2014 by ii Global Business Information



Ms. Jain profiled in November 2013 issue of Business for all (BFA) magazine.



Positive Climate Care has been rated among top 100 small businesses of 2011 in India and is profiled in inaugural issue of Small Medium Entrepreneur- a premium small business magazine.



In April 2011, Ms. Meenakshi Jain was awarded as Outstanding Woman Entrepreneur for 2009-10 by Federation of Indian Chambers of Commerce and Industries (FICCI) Ladies Organization (FLO) during their 27th Annual session.



In 2008, Ms. Meenakshi Jain was honored as the Outstanding Indian Woman by the Russian Embassy in India on International Women's Day, observed by the United Nations every year on 8th day of March month.



Project Management Consultancy Services for setting up Solar/Wind power Plants

SOLAR

- Technical & Financial Advisory to various developers on Utility Scale and Rooftop Solar projects under Preferential Tariff, Captive, REC and Open Access Mechanisms
- Detailed Project Report for 50 MW Solar PV project in Punjab
- Detailed Project Report for 50 MW Solar PV project in Uttarakhand
- Detailed Project Report and Registration of 10 MW Solar PV project with RRECL in Rajasthan
- Assistance in acquisition of Solar farms

WIND







- Wind Turbine monitoring services at different locations in Rajasthan
- Wind Turbine generation loss assessment services
- Legal advisory including assistance in filing petitions at regulatory court for Late Payment Surcharge
- Assistance in acquisition of operating and new Wind farms

Carbon Advisory services (CDM/VCS/CCX)

CDM-PoA – Rajasthan Urban Solid Waste Composting Program, India

PCC was associated as the national CDM consultant with ADB in the overall CDM registration process of the Rajasthan Urban Solid Waste Composting Program, a PoA that involved 20 cities in the state of Rajasthan. PCC provided its technical advisory services on every task and sub-task related with entire CDM project registration cycle of the Urban Infrastructure development project.

Assisted Local Self Government Department (LSGD), Government of Rajasthan (GOR) for development of CDM Program of Activities by carrying out the following tasks:

-  Identify training needs of the staff CDM Cell set up by the LSGD, Government of Rajasthan.
-  Prepare CDM training material to suit to the identified needs, taking into account the nature of eligible CDM projects in the urban infrastructure sector (UIS).
-  Assist in conducting training sessions and workshops at Jaipur and other Urban Local Bodies (ULBs) for staff of LSGD, ULBs and other organizations associated with the LSGD.
-  Provide on-job training to LSGD/CDM Cell staff associated with projects in each individual sub-sector of the UIS. This involves the entire CDM project registration cycle.
-  Provide specific training sessions on preparation, operationalization and revision of monitoring plans.
-  Provide necessary assistance on other CDM Projects (mainly include preparation of documents required for registration of CDM projects and capacity building of project developers) in other states of India.

CDM Technical Advisor for RHDS, Govt. of Rajasthan – Solar Water Pumping Program in Rajasthan

PCC has been Actively associated with Solar water pumping program in Rajasthan implemented by Rajasthan Horticulture Development Society (RHDS), Govt. of Rajasthan under Jawahar Lal Nehru National Solar Mission (JNNSM) & Rastriya Krishi Vikas Yojna (RKYY).

Renewable Energy –Completed/Ongoing Assignments

PCC is working on hundreds of MW wind power projects across the country for Voluntary (VCS and CCX) Markets. The scope of work includes, development of PD, assistance in project validation, verification, project registration, issuance of VCUs/CFIs and transaction of VCUs/CFIs. Details of some of the key clients are given below in Annex: A

VCS 2007.1 Standard

PROJECTS PORTFOLIO	
Project Description	Project Status
State: Rajasthan	
Positive Climate Care 2.5 MW Wind Power Project Activity by Ms. Aishwarya Rai , in Jaisalmer, Rajasthan, India	Registered, Credits issued
Positive Climate Care 4.67 MW Bundled Wind Power Project Activity in Jaisalmer, Rajasthan, India.	Registered, Credits issued
Positive Climate Care 3.55 MW Bundled Wind Power Project Activity in Jaisalmer, Rajasthan, India.	Registered, Credits issued

State: Maharashtra	
Positive Climate Care 2.5 MW Wind Power Project Activity by Ms. Aishwarya Rai , in the state of Maharashtra, India.	Registered, Credits issued
Positive Climate Care 9.75 MW Bundled Wind Power Project Activity by Savita Oil Technologies Ltd. in the state of Maharashtra, India.	Registered, Credits issued
Positive Climate Care 8.75 MW Bundled Wind Power Project Activity in the state of Maharashtra, India.	Registered, Credits issued
Positive Climate Care 8.70 MW Bundled Wind Power Project Activity in the state of Maharashtra, India.	Registered, Credits issued

State: Karnataka	
Positive Climate Care 8.25 MW Wind Power Project Activity by Savita Oils Technologies Limited , in the state of Karnataka, India.	Registered, Credits issued
Positive Climate Care 2.5 MW Wind Power Project Activity by Rajesh Construction Company Limited in the state of Karnataka, India.	Registered, Credits issued

State: Tamil Nadu	
Positive Climate Care 6.25 MW Bundled Wind Power Project Activity in the state of Tamil Nadu, India	Registered, Credits issued

State: Gujarat	
Positive Climate Care 0.70 MW Wind Power Project Activity by Umedica Laboratories Pvt. Ltd. in the state of Gujarat, India	Registered, Credits issued

CCX Standard

PROJECTS PORTFOLIO	
Project Description	Project Status
Positive Climate Care 2.5 MW Grid Connected Wind Power Project Activity by Ms. Aishwarya Rai , in the state of Jaisalmer, Rajasthan India	Registered, Credits issued
Positive Climate Care 2.05 MW Grid Connected Wind Power Project Activity by M/s. Gemscab Industries Limited in the state of Jaisalmer, Rajasthan India.	Registered, Credits issued
Positive Climate Care 1.25 MW Grid Connected Wind Power Project Activity by M/s. Savla Twisters Private Limited , in the state of Jaisalmer, Rajasthan India.	Registered, Credits issued
Positive Climate Care 1.20 MW Grid Connected Wind Power Project Activity by M/s. Rajasthan Electronics & Instruments Limited in the state of Jaisalmer, Rajasthan India.	Registered, Credits issued
Positive Climate Care 0.80 MW Grid Connected Wind Power Project Activity by M/s. Wires & Fabriks (S.A.) India Limited in the state of Jaisalmer, Rajasthan India.	Registered, Credits issued
Positive Climate Care 0.35 MW Bundled Wind Power Project Activity by M/s. Nirmal Industries Limited in the state of Jaisalmer, Rajasthan India.	Registered, Credits issued
Positive Climate Care 0.35 MW Grid Connected Wind Power Project Activity by M/s. Kingsley India Limited in the state of Jaisalmer, Rajasthan India.	Registered, Credits issued
Positive Climate Care 1.25 MW Grid Connected Wind Power Project Activity by M/s. Jasmine Industrial Corporation , Tirunelveli, in the state of Tamil Nadu, India.	Registered, Credits issued

Carbon Trading

PCC has wide network of buyers for carbon credits (CERs and VCUs) and has successfully transacted lakhs of carbon credits in the best interest of project developer.






Track record in facilitating carbon credit buyers to VCS projects in India and elsewhere

S. No.	Title of VCS Project	Carbon credit buyer country
1.	Positive Climate Care 2.5 MW Wind Power Project Activity by Ms. Aishwarya Rai in Jaisalmer, Rajasthan, INDIA	UK
2.	Positive Climate Care 2.5 MW Wind Power Project Activity by Ms. Aishwarya Rai in the state of Maharashtra, INDIA	UK

3.	Positive Climate Care 3.55 MW Bundled Grid connected Wind Power Project Activity in Jaisalmer, Rajasthan, INDIA	UK Korea
4.	Positive Climate Care 6.25 MW Bundled Wind Power Project Activity in the state of Tamilnadu, INDIA	New Zealand Switzerland India
5.	Positive Climate Care 8.70 MW Bundled Wind Power Project Activity in the state of Maharashtra, INDIA	New Zealand Switzerland India
6.	Positive Climate Care 8.75 MW Bundled Wind Power Project Activity in the state of Maharashtra, INDIA	New Zealand India
7.	Positive Climate Care 4.67 MW Bundled Grid connected Wind Power Project Activity in Jaisalmer, Rajasthan, INDIA	New Zealand India
8.	Positive Climate Care 0.70 MW Wind Power Project Activity by M/s. Umedica Laboratories Pvt. Ltd. in the state of Gujarat, INDIA	Switzerland India
9.	Positive Climate Care 9.75 MW Bundled Wind Power Project Activity by Savita Oil Technologies Ltd. & its group companies in the state of Maharashtra, INDIA	India
10.	Positive Climate Care 8.25 MW Wind Power Project Activity by M/s. Savita Oils Technologies Limited, in the state of Karnataka, INDIA.	India
11.	Positive Climate Care 2.5 MW Wind Power Project Activity by Rajesh Construction Company Limited in Chitradurga, Karnataka, INDIA	UK USA

Apart from own portfolio, PCC has sold millions of credits from other projects too.

Prior Experience in other sectors

-  CDM Documentation work for a large scale Sustainable Livelihood Promotion project for 100,000 rural resource poor families of four states (Rajasthan, Gujarat, Maharashtra and Himachal Pradesh) of India, for a leading NGO of International repute, " *M.R. Morarka – GDC Rural Research Foundation*" across a number of fields such as *Renewable Energy (bio-mass), Energy efficiency, Fuel Switching, Waste and Agriculture*.
-  Our team has achieved success in promoting, designing and implementing renewable energy and energy efficiency measures for rural poor with collaboration of NGOs, including:
 -  Identifying cost effective waste reduction and energy efficiency improvements in the bio-composting process.
 -  Fuel Switching measures at household level.
 -  Reduction in energy demand through replacement of existing household equipment by improving cooking stoves.

- Reduction in consumption of existing farm power sources i.e. electricity & diesel by improving the soil health through use of bio fertilizers.
- Improvement in waste management practices through Vermiculture technology.
- Replacing the use of agro chemicals with on farm nutrient recycling.

CDM Training/publications

- PCC has organized **Advanced Executive CDM Training programme** multiple times in Delhi in association with CMI.
- PCC has published eight technical papers in different National and International Journals and authored several technical reports and documents.
- PCC has presented 30 papers including invited lectures on relevant contemporary issues in various National and International Conferences/Seminars/Training Programs/workshops and,
- It has shown its presence in many National and International Conferences/Seminars.

Annex-A: List of Clients

PCC has offered its services to various public as well as private sector utilities. We have executed assignments for multilateral agencies such as **Asian Development Bank (ADB)**. Our clientele includes manufacturing and service organizations, financial institutions, governments, government-owned organizations, NGOs, semi-government enterprises and multilateral/bilateral companies in corporate sectors including construction, oil and petrochemical sector.

- **Ms. Aishwarya Rai Bachchan**
- **Savita Oil Technologies Ltd. (Formerly Savita Chemicals Ltd.)**
- **Rajesh Construction Co. Pvt. Ltd. (Formerly Rajesh Constructions Co. Ltd.)**
- **Smita Steels Rolling Mills Pvt. Ltd.**
- **Winro Commercial India Ltd.**
- **Indian Products Trading Co. Pvt. Ltd.**
- **S. Jogani Export Pvt. Ltd.**
- **Quantum Equipment Co. Ltd.**
- **Savla Twisters Pvt. Ltd.**
- **Jasmine Industrial Corporation**
- **Itarsi Oils and Flours Ltd.**
- **K N Resources Pvt. Ltd.**
- **Dhanlaxmi Fabriks Ltd.**
- **Umedica Laboratories Pvt. Ltd.**
- **Vijay Industries (Data group of Industries)**
- **Saurabh Agrotech (P) Ltd. (Data group of Industries)**
- **Rajasthan Electronics & Instruments Ltd.**
- **Gemscab Industries Ltd.**
- **Nirmal Industries Ltd.**
- **Kingsley Industries Ltd.**
- **Wires & Fabriks (S.A.) Ltd.**
- **Innovation Solar Power Pvt. Ltd.**
- **M. R. Morarka GDC Rural Research Foundation**
- **Miraj Products Pvt. Ltd.**
- **Madan lal Paliwal**

- Shree Agencies Pvt. Ltd.
- Bhabani Pigments Pvt. Ltd.
- Bhoruka Power Corporation Limited
- JLC Electromet Pvt. Ltd.
- Mangalam Cement Ltd.
- GEECEE Ventures Ltd.
- Geetarani Mohanty
- Devgiri Exports
- Western Drugs Ltd.
- Ruchi Soya Industries Ltd.
- Nahar Colours & Coatings Pvt. Ltd.
- Orient Glaze Limited
- Shri Tirupati Energy
- Rajdarshan Hotels Pvt. Ltd.
- Shree Ram Group
- Interocean Shipping (I) Pvt. Ltd.
- Moss Energy Pvt. Ltd.
- Orbit Exports Ltd.
- Tirupati Microtech Pvt. Ltd.



TEAM LEADER'S PROFILE

Positive Climate Care (PCC) is a team of dedicated professionals and environmental experts who aspire for excellence and providing high-end solutions to its clients. They all are specialists in their respective fields and are equipped with good knowledge in various domains of Compliance as well as Voluntary market. They bring together various skills to offer the clients and the company, a competitive advantage. We also have a strong network between the experts of CDM/VCS, sustainable reporting and various other fields. Whenever there is a need we engage the right expert as an advisor with our own team.

Ms. Meenakshi Jain- Chief Managing Director

Ms. Meenakshi Jain, founder and chief managing director of Positive Climate Care Private Limited, National CDM Consultant for Asian Development Bank, Director (Projects) – Carbon Minus India, is an entrepreneur and consultant by profession and postgraduate Environmental Engineer by academic qualification. She holds two master degrees- M. Tech. in Environmental Engineering and M.Sc. in Chemistry. With more than ten years of professional experience in independent managing of power sector projects under climate change mitigation regime, her work spans in whole gamut of Renewable Energy and Carbon Advisory Consultancy Services. As the Operational Head of Positive Climate Care Private Limited, she is sprawling the company's business in India and overseas by augmenting new dimensions of services and advancing the existing operations to a new horizon.

A seasoned professional in the climate change and renewable energy space, Meenakshi is passionate towards making an invaluable contribution in the field of environmental sustainability. She carries an impressive track record in International GHG mitigation sector focusing on carbon offsetting, project development and project management. She has been continuously leading the capacity building and management activities for large sustainable carbon offset projects of number of investors in various parts of India. She has comprehensive knowledge and experience of developing, coordinating and managing different kinds of renewable energy projects including Solar and Wind power plants, and GHG mitigation scheme under different protocols (Compliance and Voluntary markets).

Through her company, i.e. Positive Climate Care Pvt. Ltd. (PCC), Ms. Jain is involved in development of renewable energy projects and management of emission reduction programs for various clients. She oversees the Project Management Consultancy services from concept to commissioning and coordinates further operation & maintenance activities for solar and wind power plants. She provides assistance to project developers on a wide range of procedures, such as choosing the best environmental friendly technology for impressive returns, preparation of financial business models to suit investor's need, securing funds (loans) from financial institutions, preparation of bid documents, developing bid strategy for final bid submission, coordination with relevant stakeholders for land acquisition, obtaining various clearances from statutory bodies, registering project with state nodal agency, executing PPA (power purchase agreement) with government and structuring PPA for third party sale or open access mechanism.

Over the years she has developed an effective network with relevant government and semi-government departments in Rajasthan state and other regions too. She has strong coordination skills and substantial direct field experience of managing projects by working with multiple stakeholders. She has notable experience of organizing field visits, consulting on relevant issues, and organizing workshops/trainings. Owing to her command in renewable power domain acquired by fine technical knowledge and grassroots experience of public policies and projects, she has also advised government bodies on various policy matters including preparation of ToR.

Ms. Jain is recognized as a lead consultant with an extensive experience in the fields of *Environment and Climate Change Mitigation, Carbon Trading, Compliance Market (Clean Development Mechanism-CDM) and Voluntary Market (VER/VCS/CCX)*. She provides pragmatic solutions for entire carbon project cycle and the purview of her services include development of carbon asset management strategy, project evaluation, CDM potential identification and quantification, Techno-commercial due diligence, documentation, coordination with client as well as DOE and various other stakeholders involved in a project cycle, obtaining all required institutional and regulatory approvals, assistance in project validation, verification, registration, issuance and transaction of CERs/VCUs. Her project catalogue ranges from Fuel Switching, Energy Efficiency, Agriculture sector and Waste Management to Renewable Energy Technologies. With her vast knowledge in carbon market, she has successfully registered almost a dozen energy sector projects under VCS (Voluntary Carbon Standard) and four bundled projects under CCX (Chicago Climate Exchange) Standard. She has assisted state government nodal agencies, semi-government and private companies for their large and small-scale projects for CDM, VCS and CCX registrations. Apart from CDM project development, she is the key person for carbon trading. She has wide network of buyers for carbon credits and has successfully transacted lakhs of carbon credits for the best returns to reach the project developer. She has been instrumental in the development and successful registration of hundreds of MW of wind power projects and is considered an authority on the subject as evident from the invitations received to speak at various national and international conferences hosted by BARC, ICCOA, RCCI and many more renowned organizations.

Ms. Jain was associated with Technical Support Facility (TSF) of **Asian Development Bank** as **National CDM Consultant** on Rajasthan Urban Solid Waste Composting Program- CDM Program of Activity (PoA). The PoA was sponsored by ADB. Ms. Jain played a key role for the overall CDM registration process. The PoA involved 17-20 cities in the state of Rajasthan and it was under the regime of Local Self Government Department (LSGD), Government of Rajasthan (GoR). Along with CDM registration work, she led the capacity building of CDM cell staff of LSGD, GoR. For this purpose, she prepared CDM training material to suit to the identified needs of the staff, conducted training sessions and workshop for Urban Local Bodies (ULBs) staff of LSGD and other organizations associated with the LSGD. She provided the CDM cell staff hands on training to get host country approval from the Designated National Authority (DNA) for the concerned CDM PoA and also assisted them in getting environment clearance. Apart from CDM cell staff, she also assisted other urban local bodies staff for any training needs or any advice regarding their CPA's registration under CDM. She communicated with senior level officers of LSGD to discuss the potential of CDM in various ongoing projects in different sectors. Along with development of project design documents, she assisted CDM cell staff in coordination with DNA, DOE and also helped them in finalizing agreement with DOE. She also assisted CDM cell staff in all validation

related issues. She worked in consultation with the project team as well as TSF team to find solutions for queries from the DOE at the stage of validation; Prepared responses to DOE; Successfully closed the Corrective actions requests/Clarifications raised by DOE; Revised all CDM documents as per the DOE requirements and latest guidelines of UNFCCC; Applied latest version of methodology and tools and analyzed newly introduced tools relevant to the project activity; She, along with other ADB TSF consultants supported a two days Monitoring training and capacity building workshop held at one CPA project site in which officers from different ULBs participated. In this workshop, special emphasis was given on monitoring activities, operationalization of monitoring plan and record keeping. In addition to support for overall CDM registration process, she has also prepared a comprehensive CDM operation and monitoring manual for municipalities. In 2015, ADB invited her as resource person for Capacity building workshop on monitoring of Clean Development Mechanism projects held in Phnom Penh, Cambodia.

As the Director (P) Carbon Minus India, she organized "Indian Carbon Market- Stakeholders Meet 2007" in New Delhi. Along with other events, she also organized the *Advanced Executive CDM Training Program* number of times in New Delhi, where she was the core faculty for these programs.

She was associated with a leading NGO of International repute as CDM project coordinator for Sustainable Livelihood Promotion Project for 100,000 rural resource poor families in four states of India (Rajasthan, Gujarat, Maharashtra and Himachal Pradesh).

Under her leadership, Positive Climate Care Pvt. Ltd. was rated among **top 100 small businesses of 2011 in India** and it is profiled in inaugural issue of **Small Medium Entrepreneur**- a premium small business magazine.

She has a number of publications to her credit in national as well as international journals, proceedings and books. She has been awarded many times for her phenomenal performance in extracurricular activities and educational endeavors including the **Gold Medal** at MNIT for securing the top academic rank in M. Tech. program. In June 2014, she was awarded as **Inspiring Women in India** in **Women Leaders in India Award 2014** by ii Global Business Information. In April 2011, she was awarded as **Outstanding Woman Entrepreneur for 2009-10** by **Federation of Indian Chambers of Commerce and Industries (FICCI) Ladies Organization (FLO)** during their 27th Annual session. In 2008, she was honored as the **Outstanding Indian Woman by the Russian Embassy in India on International Women's Day**. She has been profiled in "*Business for all*" magazine's November 2013 issue.

Ms. Jain is **Gold Standard member of Carbon Trade Exchange**. She is also serving as Alternate Member of **Bureau of Indian Standards (BIS)** - CHD 34- Environmental Management Sectional Committee and **International Competence Centre for Organic Agriculture (ICCOA)**. She is also associated with **Indian Desalination Association- Bhabha Atomic Research Centre (BARC)**, **Solar Energy Society of India (SESI)** and **Bio Diesel Society of India** as a life member.