

# Chirag Bhimani

## Environment, Sustainability and Climate Professional



Chirag is an experienced Environment, Sustainability and Climate Professional holding a Master of Technology (Environmental Engineering) Degree, with more than 25 years of experience in the area of pollution control, sustainability and climate change domain. He was felicitated by the University of Berkley (MI), USA and conferred the Degree of Doctor of Philosophy (Honoris Causa).

### **His primary work areas and major interests are:**

- Climate Change Mitigation through Coastal Carbon Capture and other innovative technologies
- Climate Change & Environmental Policy, Planning and Data Analytics
- Innovative Market Based Instruments like Carbon Credit and Trading, Water Credit and Trading etc. to address the environmental challenges
- Best Available Techniques (BAT) Reference Documents
- Waste Management Solutions of various waste streams utilizing the 4R principles
- Air Quality Management using innovative tools such as Satellite Based Measurements, Market Based Instruments like Emissions Trading Scheme (ETS) etc.
- Climate Change & Environmental Management using innovative technologies like Remote Sensing, UAVs & Drones, Artificial Intelligence etc.
- Contaminated Sites Remediation and Management
- Coastal & Marine Pollution Management
- Innovative Business Models for Renewable Energies like Solar, Wind, Tidal etc.

He has the breadth and depth of experience needed to quickly understand entrepreneurs' businesses and craft the most suitable solutions for various pollution control, environmental and sustainability challenges faced by the businesses.

Chirag worked with Gujarat Pollution Control Board (GPCB) for more than 23 years with final stint at GPCB Head Office in Gandhinagar. He was the Nodal Officer for Preparation of Best Available Techniques Reference (BREF) Document at GPCB and

Ease of Doing Business Initiative of Government of India. He was the Convener for the Continuous Emissions Monitoring System (CEMS) & Pilot Emissions Trading Scheme. During his tenure at GPCB he headed various divisions and held various responsibilities.

He has also worked as Senior Technical Advisor at The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH (German Corporation for International Cooperation GmbH) ([www.giz.de](http://www.giz.de)).

**He currently possesses prominent positions and advisory roles:**

- Executive Director (Environment & Sustainability), Optimor Ventures LLC, Lewes, Delaware USA ([optimor.co](http://optimor.co))
- Advisor, Universal CO<sub>2</sub> Emission and Offset Registry Private Ltd., New Delhi, India (A Global Carbon Credit Registry having strategic tie up with various International Carbon Exchanges) ([www.ucarbonregistry.io](http://www.ucarbonregistry.io))
- Expert Member BAT (INDIA) and Member of Sub-Group for Study on Cross-Country Comparison of Selected BREFs of BAT Projects of Waste Incineration Sector, Pulp and Paper Sector and Integrated Iron & Steel Plants Sector, Environment Directorate, Organisation for Economic Co-operation and Development (OECD), Paris ([www.oecd.org/chemicalsafety/risk-management/best-available-techniques.htm](http://www.oecd.org/chemicalsafety/risk-management/best-available-techniques.htm))
- Principal Consultant, Kadam Environmental Consultants (assessment of Carbon Footprint, Carbon Credit, Monetizing Carbon Credits, Carbon Trading etc.) ([www.kadamenviro.com](http://www.kadamenviro.com))
- Ambassador, Island Innovation (Bringing together the private sector, government, utilities, NGOs and universities to advance innovation for sustainability in islands worldwide) ([islandinnovation.co](http://islandinnovation.co))
- Technical Expert, Gujarat Cleaner Production Centre (GCPC) (established by Industries & Mines Department, Government of Gujarat, Gandhinagar) ([gcpcgujarat.org.in](http://gcpcgujarat.org.in))