



**VIVID
EMISSIONS REDUCTIONS
UNIVERSAL PVT. LTD.**

Keep Learning



**The Pioneering Legacy in Climate
Change Mitigation Through
Effective Management of
Environmental Commodities**





OUR LEGACY HERALDED A WHOLE NEW ERA OF CARBON MITIGATION !!!

Our **Windmills** have been relentlessly churning in India since the early nineties heralding a Whole New Era of **Carbon Mitigation!!!**

These are the very **Windmills of Change** that we conceived much before the Kyoto Protocol took shape!!!

These are the very **Windmills of Change** keeping the promise of expeditious Climate Action ridding **Mother Earth** of Green House Gas Emissions!!!

OURS IS A LEGACY THAT INDIA IS PROUD OF!!!





IT'S ALL IN THE NAME

Viviid Emissions Reductions Universal Private Limited's Raison d'être lies in its Name! Reductions of Emissions through effective Management of Environmental Commodities is our forte!!!

Viviid Emissions Reductions Universal Private Limited has been incorporated with the mandate to serve as a **One Stop Solution** for its **Global Clientele** in the realm of:

- ▶ **Carbon Instruments/ Assets like CERs, VERs, VCUs, COUs etc.;**
- ▶ **Renewable Energy Certificates and I-RECs;**
- ▶ **Environmental Commodities accruing from Waste Heat Recovery, Fuel Switch, Thermic Fluids, Co-GEN among others;**
- ▶ **Corporate Social Innovation;**
- ▶ **Sustainable Development and Allied Domains.**





Raison d'être

We exist for **effective Climate Change Mitigation** through unique end-to-end **Management of Environmental Commodities** giving fillip to **Sustainability, Leaving No One Behind!** With Focus on People and Planet and unwavering conviction in **Climate Justice and Integrity**, we are here to '**Assist our Clients and Buyers do their Bit**' on the collective path to Credibly attain '**Net Zero**' by navigating to a **Carbon Neutral World**.

raison
d'être



VISION

To Enhance Shared Prosperity by Optimizing Environmental Commodity Management and Promoting Sustainable Development in our endeavor to make this Planet a Better Place for All!





OUR CREDENTIALS

- ▶ We are one of the very few Organizations Globally, with 100% Registration Rate without a single rejection under any Global Carbon Mechanism till date;
- ▶ We manage one of the largest Project Portfolios under Gold Standard which clearly connotes the shift from a vanilla number-based approach to a value-based approach;
- ▶ We are adept in managing and optimizing Carbon Portfolios for myriad Renewable/ Clean Energy Projects/ Process Efficiency, Waste to Energy/ Heat Recovery Projects along with Nature Based Solutions through sustained Social and Environmental Interventions across 7 states namely Maharashtra, Rajasthan, Gujarat, Telangana, Tamil Nadu, Karnataka and Andhra Pradesh sprawling over 3,000 kilometres on the Indian Subcontinent.
- ▶ In 2008 when most of the stakeholders had not even heard about 'Carbon', we had in place a full-fledged In-House Dedicated Carbon Subject Matter Expert Team;



OUR CREDENTIALS

- ▶ In 2006 we as an Indian Organization registered the 1st ever Bundled Project under Clean Development Mechanism (CDM) instituted by UN Framework Convention on Climate Change (UNFCCC);
- ▶ We have been the first Organization in India to achieve the 1000 MW registered capacity under Clean Development Mechanism (CDM) instituted by UN Framework Convention on Climate Change (UNFCCC) in 2012.
- ▶ Owing to our orientation towards Sustainability since inception, we made an effortless transition from Clean Development Mechanism to other Carbon Mechanisms that emphasize upon social well-being, co-benefits and value creation;
- ▶ With a strong lineage of manufacturing and instituting high-capacity Onshore Wind Energy Projects across **Maharashtra, Rajasthan, Gujarat, Telangana, Tamil Nadu, Karnataka and Andhra Pradesh** spread across 3,000 kilometres of India, the Management of Vivid Emissions Reductions Universal Private Limited is revered as a Trailblazer in this Sector;



OUR CREDENTIALS

- ▶ Our Management and Team have been instrumental in the successful registration of more than 100 projects with **Cumulative Capacity of over 4500 MW (4.5 GW)** under various Global Carbon Mechanisms including Clean Development Mechanism (CDM), Gold Standard (GS), Verified Carbon Standard (VERRA) **in record turn-around time. We are well poised to grow to 10,000 MW (10 GW) by 2025.**
- ▶ We stand in a good stead to offer a vast Inventory of Renewable Energy Certificates (RECs) to our Global Buyers who wish to lower their gross market-based Scope 2 Emissions from purchase of electricity. Renewable Energy Certificates hold the place of pride in our overall all product bouquet accruing by the virtue of Clean Energy Projects that we manage at the behest of our clients for facilitating Climate Change Mitigation instruments.



OUR CREDENTIALS

- ▶ Several High Value Successful Carbon Credit Transactions have been undertaken by Vivid Emissions Reductions Universal Private Limited's Team with Institutional Global Buyers and International Agencies;





CARBON MARKET IS AT THE TURNING POINT

- Climate Emergency is getting worse by the days and is impacting people's lives everywhere. Be it from extreme heat, air pollution, wildfires, intensified flooding or droughts.
- The World is fretting to meet the objective of **1.5 degrees** and keep it alive under the Paris Agreement, we need to **reduce emissions by 50%** over the **balance of this decade**.





CARBON MARKET IS AT THE TURNING POINT

- Carbon Market remained extremely subdued over the past few years due to the ambivalent policy approach of the global leaders. The US never ratified Kyoto Protocol and opted out of Paris Agreement before good sense prevailed and it came back under its ambit again;
- It has been established beyond reasonable doubt that trading **Carbon Offsets** is one of the key tools for mitigating **Climate Change**.
- The market size for **Compliance Carbon Credits Trading** is pegged at US **\$300 billion per year** and is set to grow manifold. **The Voluntary Carbon Market, which 2023 is pegged at US\$ 2 billion is expected to rise to US \$ 40-50 billion by 2030.**
- **Carbon Market** is therefore poised to grow **exponentially** not only in terms of volume and monetary quantum but also in terms of the **number of platforms, mechanisms, and exchanges** available to the market participants.



CARBON MARKET – HOW DOES IT WORK

Carbon Offset

Carbon represents emissions reductions that have been achieved outside of the capped sector.

1 Company A needs to meet its emissions cap



2 Company A invests in on emissions reductions projects that produces carbon offset



INVESTMENT

3 Company A receives carbon credits for its investment

CREDITS
CARBON OFFSET



Carbon offsets programs can include

- 1) Reforestation
- 2) Renewable energy
- 3) Methane capture / combustion

One carbon credit = One tonne of greenhouse gas emissions



THE VALUE WE BRING

Impeccable Credentials

- Strong background of working in the **Carbon Domain** for nearly **Two Decades** now;
- **Rich experience** working on Projects under all existing Global Carbon Mechanisms such as Clean Development Mechanism (CDM), Gold Standard (GS), VERRA, and GCC among others;
- **Vast Inventory of I-RECs** that assist our Global Buyers to lower their gross market-based scope 2 emissions from purchased electricity;
- Strong linkages with **Major Global Buyers** of Carbon Offsets including large Corporates such as **Google, Microsoft**, etc., and major bilateral/multilateral agencies such as the **World Bank, SHELL, Asian Development Bank, Tata Power, and Swiss Development Corporation** among others.





THE VALUE WE BRING

Strong Emphasis on Enhancing the Quality and Credibility of Carbon Offsets Through Social Innovation

- We initiate need-based Co-Benefit Interventions in the Western and Southern States of India, primarily in the villages that are in the vicinity of the Clean Energy Projects and Nature Based Solutions commissioned by our Clients.
- *Emissions Reductions Units generated by the Projects of our various Clients are Highly Credible and are backed by Strong Social and Sustainable Attributes upholding the Principles of Climate Integrity and Justice.*





USING TECHNOLOGY TO THE HILT

- Our Business Platforms have been repurposed and are now powered by SAP B1 for minimal human intervention, enhanced efficiency and infallibly time-bound service to our clients and buyers alike.
- Fostering transparency and accountability in the sector that we are in, we are on course to bring our entire inventory of environmental commodities on block chain by 2025.
- To give fillip to speed and accuracy of our critical process flows, Artificial Intelligence is being integrated at root gravel.

SAP Business One





NEW AVENUES WITH RAZOR EDGE APPROACH

- As Pioneers in the field of Environmental Commodities' Management we acknowledge the importance of Carbon Reduction Projects through Nature Based Solutions. We have on boarded some of the best brains in the industry specializing in the technology and are simultaneously well poised for the associated environmental commodity management. These would be some of the most credible Carbon Removal Projects across India!
- We have also secured mandate for managing Environmental Commodities for Industrial Processes including but not restricted to:
 - (a) Fuel Switch;
 - (b) Waste Heat Recovery;
 - (c) Thermic Fluids;
 - (d) Co-generation;
 - (e) Boiler Steam;
 - (f) Waste to Energy among others;



GREAT MINDS @ WORK

Viviid Emissions Reductions Universal Pvt. Ltd. has a multi-disciplinary, adept, agile and extensively well networked team with diverse experience in the field of Renewable Energy Project Registration under various Global Carbon Credit Mechanisms, Technical Reporting leading to Verification and Certification of Emissions Reductions, Carbon Portfolio Management, Global Trading of Carbon Offsets, Stakeholder Management, Policy Advocacy, Sustainable Development Interventions, Corporate Social Innovation and Global Communications.





CO-BENEFITS- The Guiding Vector at Vivid Emissions Reductions Universal Private Ltd.

As an organization, we conceptualize, design, immaculately implement and monitor Co-Benefit Interventions in the geographies where the Clean Energy Projects/ Nature Based Solutions/ Industrial Process Efficiency Projects of our Clients **operate**. In doing this we partner with the best in line NGOs and Implementation Agencies working at grassroots so that real and sustainable change is delivered on ground.

We at Vivid Emissions Reductions Universal Private Limited take pride in stating that **we offer the most Credible and High Quality Environmental Commodities** including Carbon Credits that are backed by sustained interventions towards Rural Community Development, Women Empowerment, Upholding Child Rights, Decent Working Conditions for Adults, Livelihood Generation and Education for All among others for furthering our Clients' commitment towards Social and Environmental Sustainability by taking People and Planet together.





SOME OF OUR ESTEEMED BUYERS

- Asia Pacific Carbon Fund under the aegis of Asian Development Bank;
- International Finance Corporation (IFC);
- KfW Bank;
- Japan Carbon Fund (JCF);
- ANZ Bank;
- SHELL;
- Tata Power
- Post Office - Government of United Kingdom and many more...



TOGETHER LET'S CATALYZE CLIMATE ACTION

We look forward to Collaborating with you in our common endeavor towards Climate Change Mitigation through Sustainable, Efficient, High Quality and Credible Management of Environmental Commodities supported by Strong Social Co-Benefits!

Thank You!!!