



# Project Planning & Carbon Finance

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10 years in the business of development and finance for climate change and mitigation projects from Project Evaluation, Project Operations and Management and GHG baseline assessment. Beside transportation (Railway and Multimodal Logistics) other focus areas are Energy Efficiency and Hydro projects. We have the skills to address the local needs with international experiences that will ensure a successful multiple-level program for the Indian sustainable transportation development.





# Who we are..

- **Clean Development Mechanism and other sustainable development tools**
- Identified and strategized 3 key CDM for the Indian Government and the South Korean government each, that included capacity building (Incheon metro, Busan Metro, Delhi metro, Mumbai metro, Gurgaon metro)
- Implemented the first mode shift project under UNFCCC that lead to reduction of approx 500,000t CO<sub>2</sub> e per annum for Delhi Metro
- Handled 4 Low Carbon Electric Vehicles projects that aimed to replace conventional petrol driven two-wheelers to reduce emissions, noise pollution, PM and fuel consumption leading upto 60,000t CO<sub>2</sub> e.
- Conducted feasibility study for Delhi BRT baseline data capturing to determine emission reductions for a CDM project for DIMTS Limited



## Who we are – part 2

- Assisted in estimating Green House Gas (GHG) in Dhaka BRT as International Expert under Technical Assistance for Asian Development Bank (ADB)
- Managing the” Core Environment Program and Biodiversity Conservation Corridors for Green Freight Project Implementation- Lao as International Transport Expert under Technical Assistance for Asian Development Bank (ADB)
- Integrating policies and guidelines as national level expert for Mode-Shift (road to rail) project between Indian Railways and Ministry of Environment and Forest &CC, on the effects of double tracking for freight purposes from Daund- Gulbarga district as National Expert under Technical Assistance for Asian Development Bank (ADB) under the Intended Nationally Determined Contributions (INDC)



## What we do..

- Contribute both on achieving the goals stated in the INDC of India in a transparent manner and moving forward and developing projects for carbon finance in the transport sector
- Policy implementation
- Partner India to International Finance market
- Statutory documentation, Stakeholder meetings, concept reviews, domestic and international Board approvals, Program or project commissioning and ER generation
- Legislation status, implementation plan, budgeting and financial closure of sub-projects
- ER calculations, building MRV capacity, replenishing the funding mechanism to support scale up
- Subsequent investment activities



## How we do..

- International Collaborations with multi lateral banks
- Bi-lateral and International Financial Institutions
- New Concepts aligned with India's goals with GHG reductions contribution towards Paris promise
- Cradle to grave hand holding in capacity building
- Different verticals in transport sector, viz: Railways, Freight, Aviation, Public Road Transport, Low GHG Emitting projects, CO<sub>2</sub> mitigation projects



# Differentiators

- Vast knowledge and experience in transport sector
- Successfully implemented projects that reduced GHG in India under various verticals in transport sector
- Successfully implemented projects that reduced GHG in International under various verticals in transport sector
- Worked on Green Freight, multi-modal, Eco-driving, Road Safety and Sustainable Transport projects
- Successful Implementation of Government Projects in Bangladesh, Cambodia, Mongolia, Sri Lanka, Lao-PDR, Philippines, South Korea, Thailand

# Why is Carbon Finance is relevant for Financial Planning of Urban Transport Projects

- Carbon Finance provides significant influx in funds
- International institutions are interested in Urban Projects in developing countries
- Green bonds, pre-finance can be sought for projects which contributes to low GHG or Zero GHG
- Innovative methods of financing
- Carbon finance can be availed for a period of time like 5-7 years
- All government schemes like the FAME or Smart City or Green freight initiatives can strongly look at various options of Carbon Finance
- Carbon Finance catalize the carbon market and carbon pricing
- CARBON FINANCE ADDS TO THE SUSTAINABILITY OF THE PROJECTS



Thank You!



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