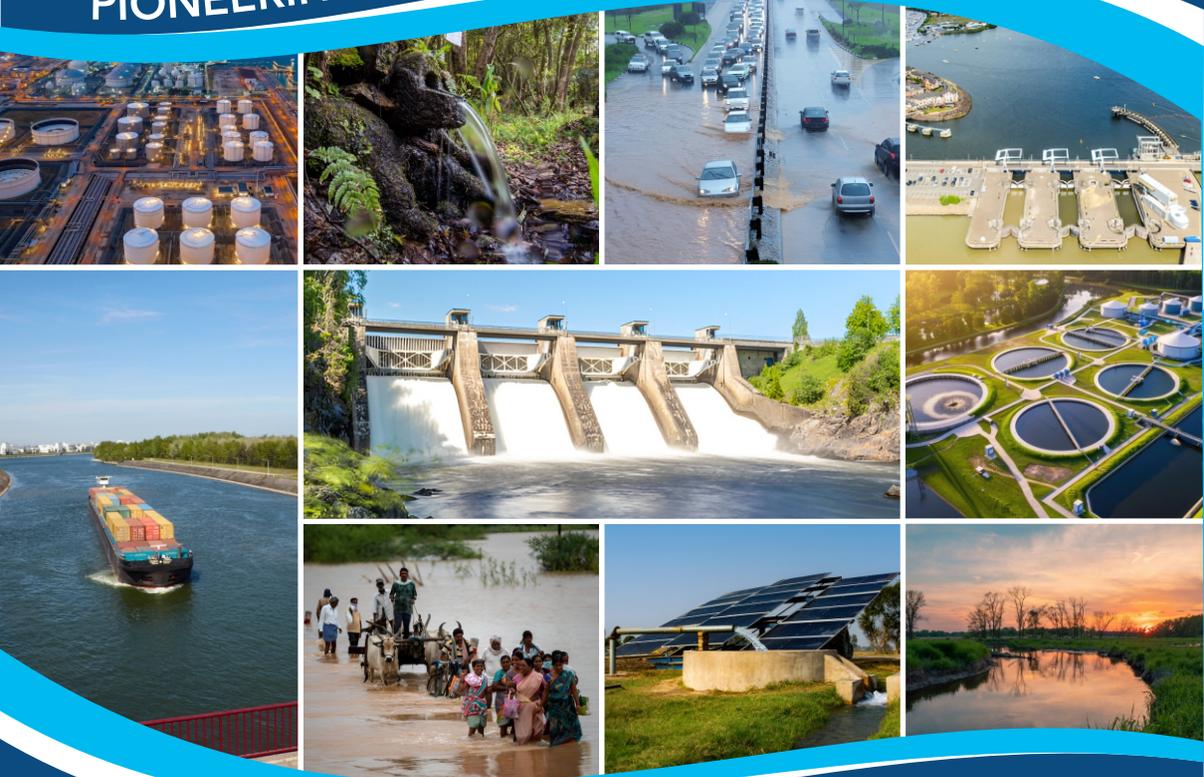




WE EXPAND YOUR HORIZON

PIONEERING SUSTAINABLE WATER SOLUTIONS



Business Partner
MOODY'S
Since 1909

Member UNGC

WE SUPPORT



Network India

AG INTRODUCTION

AG Horizon Pvt. Ltd. is a multi-functional and multi-disciplinary organization, offering a wide range of Consultancy Services to multiple sectors for the implementation of projects under one roof from "Concept to Commissioning". We are privileged to work with Central and State Government, multi lateral funding agencies viz, World Bank, JICA, New Development Bank, Asian Development Bank, etc.

As the **exclusive Indian business partner of Moody's**, we are at the forefront of driving **sustainability-led initiatives** across the country.

AG offers innovate solutions through cutting-edge technologies pertaining to flood mitigation, waterbody rejuvenation and restoration, etc. to solve water related challenges.

A VISIONARY TEAM

AG Horizon is powered by a **dynamic team of 100+ professionals**, bringing together expertise across multiple domains to drive impactful and sustainable solutions.

70+



Inhouse Professional Team

Core Team



MD



Directors (3)



President

Advisors



Sr. Advisors (7)



Advisors (3)



Technical Advisor

Administrative Heads



General Manager



Chief Financial Officer



Chief Operating Officer

Heads



Business Development



Strategy & Planning



Sustainability

Branch Team



Branch Heads (5)



Professional Members (50+)



Support Team

30+



Industry Expert & Business Associates

Our team members comprising of Senior Advisors, an exceptional group of veterans and experts (Senior most bureaucrats, technocrats, intellectuals & other government officials) bring unparalleled leadership and experience.

Facilitating strong technical support and industrial linkages

Water Pioneers

- **Mr. Manjeet Singh Dhillon**

Former Chairman, Ganga Flood Control Commission

- **Mr. Ranjan Kumar Sinha**

Former Chairman, Central Water Commission (CWC)

- **Mr. Dhruva Jyoti Borgohain**

Former Chief Engineer, Brahmaputra Board

- **Mr. Naresh Kumar Mathur**

Former Member (Designs and Research), Central Water Commission

- **Mr. Prof. K. N Tiwari**

Former Professor, IIT Kharagpur, Land & Water Resource Management

- **Mr. Atul Sarma**

Top-Level Expert, Ministry of Jal Shakti

DOMAINS



FLOODS AND DRAINAGE



WETLANDS



DAM SAFETY AND REHABILITATION



HYDROPOWER



SPRINGSHEDS AND WATERSHEDS



INLAND WATERWAYS



IRRIGATION



WATER AND WASTEWATER TREATMENT



WATER SUPPLY



COASTAL MANAGEMENT

SERVICES

A. STUDIES, SURVEYS AND INVESTIGATIONS

- Survey (Scope, Supervision, Interpretation)
- Submergence and Land Acquisition Survey (LIDAR and Bathymetric)
- Topographic and Hydrographic Survey
- Post Processing of Survey and Investigations for
 - Sedimentation
 - Lakes & Coasts
 - Catchment Area
 - Channel Network
 - Estimates & reports
 - Restoration of Rivers
 - Capacity Assessment
 - Drainage Congestion
 - Reservoir Capacity Curve
 - HRSI or UAV derived DEM

B. HYDROLOGIC AND HYDRAULIC MODELLING

- Urban Drainage
- Remote Sensing
- GIS & Web Enabled GIS
- Satellite Imageries Analysis
- Floods, Coastal and Groundwater Modeling

C. PLANNING AND DESIGN

- Dams
- Gates Designs
- Hydropower Planning
- Flood Protection Works
- Hydel Civil Designs including Pumped Storage Hydro Projects, Tunnels, Powerhouse, Penstock
- Cost analysis of all types of works
- Barrages, Canals and Canal Structures
- Concept, Basic, Detailed and Value Engineering

D. CONCEPTUALIZATION, FEASIBILITY REPORTS & DETAILED PROJECT REPORTS

- Site Selection
- Water Availability Studies
- Post Flood Study Analysis
- Preparation of Master Plans
- Renovation and Modernization
- Integrated River Basin Planning
- Third Party Construction Supervision
- Morpho dynamic studies for migrating rivers

E. DAM SAFETY AND REHABILITATION

- Dam Break Analysis
- Bathymetric Surveys
- Design Flood Review
- Sedimentation Studies
- Emergency Action Plan
- Geophysical investigations
- Flood Early Warning Systems
- Assessment of Seismic Hazards
- HRSI based reassessment of Catchment area
- Reservoir Rule Curve and Optimization of Operations
- Comprehensive Hydrologic and Hydraulic Risk Assessment of all types of Dams

F. PROJECT MANAGEMENT

- Cost Control
- Due Diligence
- Commissioning
- Fund Mobilisation
- Pre -Tender Services
- Clearances/Approvals
- Construction Supervision
- Project Handover and Closure
- Tender Evaluation and Support
- Commercial & Contract Support
- Project Development and Management
- Monitoring, Appraisal and Quality Control

SELECT FEW: RECENT PROJECTS

1. DREDGING AND RE-SECTIONING OF FOUR RIVERS—IRIL, IMPHAL, KONGBA, AND THOUBAL

- Estimated Project Cost- INR 525 Crores
- The project aimed to restore the rivers to their original state by clearing the waterbeds through the excavation of unwanted and pollutant substances.
- Funding from the Ministry of Jal Shakti



2. REJUVENATION OF LAMPHELPAT WATERBODY (450 acres)

- Estimated Project Cost- INR 650 Crores
- The project aimed to revitalize the wetland in an economically as well as environmentally sustainable manner and preservation of the natural characteristics and conservation of the wetland.
- The initiative has also been selected for NIUA's Parvat Manthan Regional Conclave: "Making the unseen, seen: Stories from the Himalaya".
- Funding Agency- NDB



3. ENHANCING LIVELIHOODS THROUGH COMMUNITY-BASED WATERSHED DEVELOPMENT

- Estimated Project Cost- INR 1150 Crores
- The project covering 57 villages, aimed to establish community-based livelihood programs involving allied activities like agriculture, agro-forestry, horticulture, pisciculture, piggery etc., identify deforested and degraded sites, geo-tagging, etc.
- Funding Agency- JICA



4. RESTORATION AND REJUVENATION OF 15 WETLANDS TO MITIGATE THE RISK OF FLOODING AND EROSION

- Estimated Project Cost- INR 693 Crores
- The project integrates ecological restoration with sustainable flood management to enhance resilience and support biodiversity.
- Aligned with the Sendai Framework and the Prime Minister's Ten-Point Agenda on Disaster Risk Reduction, it ensures long-term environmental and socio-economic stability.
- Funding Agency- Ministry of Home Affairs



AG HORIZON PVT. LTD.