

Offering Water Advisory Services

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Water Advisory: Origin and Need

Water, a precious resource, is becoming increasingly scarce and stressed due to factors like climate change, population growth, and industrialization. This has led to a growing need for water advisory consultancy services to help individuals, businesses, and communities manage their water resources effectively.



UN SDG Goal 6: To ensure everyone has access to water and sanitation that is safe and sustainable

Water for Justice



- Water Connectivity
- International and National Treaty on River Water
- Aquifers Level Maintaining and Replenishment Mechanism

Water for People



- Water Sourcing
- Water Conservation
- Water Distribution

Water for Prosperity



- Water Economics
- Water Finance
- Water Analytics

The growing importance of water as a resource bolstered by UN SDG goals has resulted in the growth of concepts: Water for Justice, Water for People and Water for Prosperity

Water Advisory: Proposed Solution

Analytics in Water Management:

- Data-Driven Decisions: Enhances decision-making through insights from data.
- Operational Efficiency: Real-time monitoring of KPIs for proactive management.

Techno-Economic Analysis

- Cost-Benefit Evaluation: Assesses financial viability of technologies.
- Resource Allocation: Identifies efficient resource use.

Assessment Activities

- Water Quality Monitoring: Real-time data collection for safety compliance.
- Leak Detection: Predictive analytics to minimize water loss.

Research and Advisory Endeavors

- Data Collection: Analyzes usage patterns to identify waste.
- Policy Development: Supports sustainable policy formulation.



Water Advisory: Successful Implementation

❑ Designed Largest Solar Water Pump Project in Mizoram

- **Depth of Water Source:** The water will be extracted from a significant depth of 700 meters, ensuring access to a clean and abundant aquifer.
- **Community Impact:** The system is designed to provide potable water to approximately 1,200 residents, significantly improving their quality of life and health.
- **Solar Pumping System:** The project employs a three-stage solar pumping solution with a total capacity of 75 kWp.



Leadership Team



Rabin Roy

CEO and Founder

B.Tech, and MBA (IIT KGP)

Experience: More than 20 years



Debashish Mukhopadhyay

Director

B.E (Electrical) – JU

Experience: About 50 years



Anjan Ghosh

Director

B.Tech (IIT KGP), MBA
(XLRI)

Experience : About 40 years



Avijit Jana

Director

B.E (JU), M.Tech (ISI), MBA (IIT
KGP)

Experience: More than 25 years