

# GREEN ENERGY EPC SOLUTIONS

# **NUBERG GROUP**

**The Nuberg Group** is an engineering and technology driven industrial conglomerate based in India. As a group, it provides engineering and industrial plant solutions and services across Green Energy, Chemicals, Fertilizers, Hydrocarbons, Nuclear & Defence and Steel Industries.

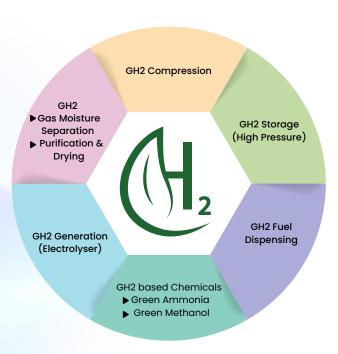
## **Nuberg Green Energy**

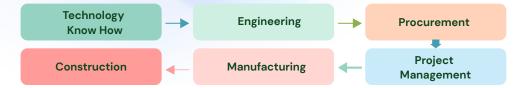
It is a pioneering arm of Nuberg Group that delivers innovative solutions & approaches since two decades. Having successfully executed 65+ Greenfield projects, we accelerate adaption of Green solutions globally.

Notably, we are India's first ever company to build & operate commercial scale hydrogen fueling station, for IOCL.

### **Areas of Expertise**

**Nuberg Green Energy** specialises in Green Hydrogen Plants,  $H_2$  Mobility Solutions, Alternative Bio Fuels & Green H2 Based Chemicals (GNH $_3$ , Green Methanol). From EPC to Equipment Manufacturing, we drive innovation at every stage of the project — delivering excellence from concept to commissioning.







# **SOLUTIONS**

## Innovating greener tomorrow

Nuberg Green Energy offers end to end green energy solutions driving decarbonization across industries. We aim at accelerating green solutions to promote global energy solutions.

### **Compressed Bio** Gas (CBG)

Developing clean fuel from biomass for sustainable mobility and effective waste management.

#### **2G Bio Ethanol**

Producing green fuel from plant based waste using advanced fermentation & purification solutions.

#### **Green Ammonia** & Green Methanol

Producing carbon-free chemicals & feedstocks through Green Hydrogen for use in Energy, Fertilizers & Industries.

#### **Balance of Stack**

Providing essential systems that support electrolyzer & plant operations for safe & efficient Hydrogen production.

#### **Hydrogen Mobility**

Enabling zero-emission transport with Green Hydrogen solutions (GH<sub>2</sub> generation - compression - high pressure storage -H<sub>2</sub> fuel dispensing) & fueling infrastructure.

#### **Green Hydrogen Plants**

Building electrolysis based Hydrogen plants for clean fuel & decarbonization.







GH<sub>2</sub>



## **ACCREDITATIONS**

- > ISO 9001:2015
- > ISO 14001:2015
- > ISO 45001:2018
- > ASME S, R, NB, U, U2
- IBR and PESO certifications

# **CAPABILITIES**

Only Indian EPC Company with 28 years of rich experience of delivering Electrolysis based Hydrogen Generation Plants globally.

### **Global Project Delivery**

65+ turnkey projects delivered across 32+ countries backed by 28+ years of industry expertise.



# **Advanced Engineering**

With a team of 400+ skilled engineers, we deliver precision-driven solutions for FEED, Basic Engineering, Detailed Engineering & Project Management. We utilize advanced tools like PRIMAVERA, PV Elite, ISOMAC, STAAD.Pro, PDMS, SolidWorks, and Plant 3D. Our capabilities are enhanced through SmartPlant Suite - Smart 3D, Smart P&ID, Smart Instrumentation, Smart Electrical, and SmartPlant Foundation.

### **International Quality** Construction

Experienced 200+ member team delivering projects to international standards.



#### **Global Alliances**

Nuberg EPC and Germany's EDL Anlagenbau have strategic alliance to collaborate on Sustainable Green Solutions based on Power to Liquid (PtL) technologies for production of Green Fuels and Chemicals based on Green Hydrogen (Green Ammonia, Green Methanol, Sustainable Aviation Fuels).

### **R&D Facility**

In-house Nuberg Technology & Innovation Centre that powers green, future-ready & scalable innovations.



### State-of-the-art **Manufacturing**

115000 sqm state-of-the-art heavy fabrication facility with ASME, U, U2, R, IBR accreditation, Cold rolling capacity of 100 mm & handling capacity of 200 ton.

## **Technology Partners**

























# **INDUSTRIES**

Serving a broad spectrum of industries with sustainable technologies.

#### **Green Energy**

Delivers EPC solutions for Green Hydrogen, Biofuels, and Clean Chemical plants, supporting the global shift to sustainable energy.





#### **Fertilizers**

Serving majorly for the designing & production of Fertilizers like Urea & Ammonium Nitrate to create alternates for the traditional Ammonia.



Offer end to end Mobility Solutions (GH2 generation compression - high pressure storage - H2 fuel dispensing), liquid H2 & building pipeline for large scale distribution.







#### Chemicals

Build & design Green
Hydrogen & Green H2
based Chemicals to shift
Chemical industry's
production process
towards a cleaner process.



Turnkey solutions for decarbonising Oil & Gas, Petrochemical, and Refinery projects, delivering efficient and reliable Infrastructure for the Hydrocarbons sector.





#### Steel

Decarbonizing Steel Plants using Green Hydrogen.

## **SUSTAINABILITY**



At Nuberg, **Sustainability** is the core of our vision & mission. We uphold the highest standards of quality assurance, safety & implement environmentally friendly, responsible practices. Through ISO/OSHA compliance & global HSE norms, we ensure to deliver solutions that are greener, safer & sustainable.

## PROVEN TRACK RECORD

Two decades of excellence in delivering Hydrogen Projects globally.



### Hydrogen Fuel Station

Client: IOCL Location: Vadodara Capacity: 1.5 TPD

### **Hydrogen Plant**

Client: Awash Melkass Location: Ethiopia Capacity: 285 Nm3/Hr



#### **2G Ethanol Plant**

Client: IOCL Location: Panipat Capacity: 10 TPD





# Hydrogen Purification Unit

Client: Indian Peroxide Limited

Location: Gujarat

Capacity: 2000 Nm3/Hr



# Green Hydrogen Plant (Balance of Stack)

Client: Hygenco Green Energy

Location: Hissar

Capacity: 350 Nm3//Hr

# Hydrogen Purification Unit

Client: Uzbekistan Hydrogen Peroxide JV LLC

Location: Uzbekistan
Capacity: 1500 Nm3/Hr



### **Hydrogen Plant**

Client: Deccan Fine Chemicals Location: Andhra Pradesh Capacity: 100 Nm3/Hr





# H2 Demonstration Plant

Client: Confidential Scope: FEED & EPC



# Hydrogen Purification & Drying Unit

Client: Linde Location: West India Capacity: 200 Nm3/Hr

### **Hydrogen Plant**

Client: Divis Laboratories Limited

**Location:** Vizag **Capacity:** 75 Nm3/Hr



### **Green Hydrogen Plant**

Client: BPCL Location: Kochi Capacity: 100 Nm3/Hr





#### **H2 Balance of Stack**

Client: B. A. R. C Location: Maharashtra Capacity: 30 Nm3/Hr

# **CLIENTELE**





























Honored, awarded, and trusted worldwide, Nuberg Group stands at the forefront of industrial transformation - globally acknowledged for its excellence and innovation.













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