

Our Green Ecosystem

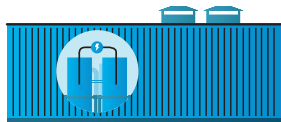
Optimised for your need

Hylo™

Green Hydrogen
Solutions

Bioflo™

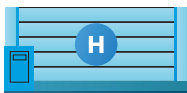
Biogas Solutions



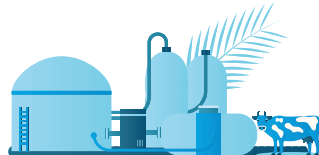
Electrolysis



Hydrogen Compressor



High/Medium/Low Pressure
Hydrogen Storage



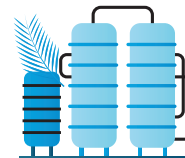
Bio-gas Plant



Natural Gas Production



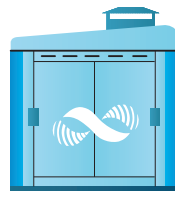
Natural Gas / Biogas Compressor



CNG / CBG Storage



Blended H-NG Pipeline



HCNG Blending Unit



Natural Gas Pipeline



Hydrogen Dispenser



HCNG Dispenser



CNG Dispenser



H2/HCNG/CNG Vehicles

A legacy of engineering

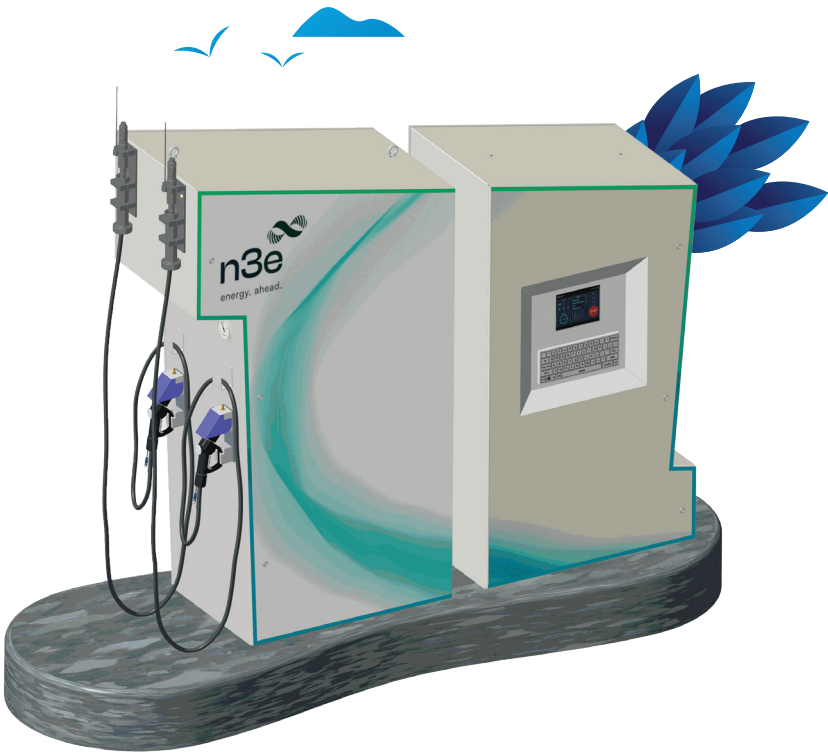
n3e is a part of India-based Sopan, which focuses on new energy technologies & solutions.

Sopan group was founded in 2001 by energy professionals & has diversified offerings across Engineering solutions, EPC Projects, Equipment Manufacturing, Asset Management/ O&M Services to energy, engineering & process industries.



Hydrogen Dispenser

We customize your fueling



Key Points

- Choice of configurations
- Compact, customized, and stylish design
- Support on-site and off-site production
- Compatible with international protocols
- Choice of nozzle position — front and side
- Simultaneous fuelling on both sides for increased fuelling efficiency
- Plug & Play, easily integrate into point of sale, site automation system

Configuration Options

Filling Pressure	H35 — 350 BAR H70 — 700 BAR
Flow Capacity	Standard Flow - 3.6 Kg/ min High Flow - 7.2 Kg/ Min - H35 Filling Only
Flow Meter Technology	Coriolis Mass Flow Metering
Cooling Technology (Chiller and Heat Exchanger)	Printed Circuit Heat Exchanger
Fuelling Protocols	SAE J2601 SAE J2601 - 2 SAE J2601 - 5
Design Compliance :	ISO 19880, IECEx OD290
Unit Approval	PESO (Mandatory for India)
Nozzle	ISO 17298
Breakaway	19880-3
Hose	19880-5
Dispenser to Vehicle Communications	(J2799) Communicative & Non-Communicative Fuelling
Operating Temperature Range	-40°C to 85°C

Hydrogen Production & Blending System

Clean & Economical



Key Points

- Customised Solution
- Completely designed and built in-house
- Support on-site and off-site production
- Compatible with international protocols
- Plug & Play, easily integrate into point of sale, site management, and automation system

Configuration

Models	Hydrogen Generator (Nm ³ / hr)	Blending Skid (Natural Gas Flow)
Mini	1 to 20 Nm ³ / hr	2% - 1000 SCMH
		5% - 400 SCMH
		20% - 100 SCMH
Large	Modular Unit of upto 200/250 Nm ³ / hr	2% - 10000 SCMH
		5% - 4000 SCMH
		20% - 1000 SCMH
Grid	Modular Unit of upto 1000 Nm ³ / hr	2% - 50000 SCMH
		5% - 20000 SCMH

n3e PROJECTS



NTPC
India's First Green
Hydrogen Generation &
Blending Project



ATGL
Hydrogen Generation &
Blending Systems for Adani
Total Gas, supporting
the National Green
Hydrogen Mission



BPCL
Commercial Hydrogen
Refueling Station at
CIAL Kochi