IG Indonesia

Connect Chinese Intelligent Manufacturing
Empower New Energy Future of Southeast Asia



2026

印尼气体能源产业链博览会

Indonesia Gases Energy Industry Chain Expo

November 11–12, 2026 | Grand Mercure Jakarta Kemayoran, Indonesia


Market Overview

Indonesia: Southeast Asia's Premier Testbed for Energy Transition

276 Million
4th Largest Worldwide

1st Economic Scale
No.1 in Southeast Asia

$2.4 Trillion
Total Cumulative Investment Demand

As the world's fourth largest population nation, Indonesia's GDP growth ranks among the top three of G20 economies and major emerging markets. Boasting enormous market potential and clear policy roadmaps, it has become an indispensable core testbed in the global energy transition landscape. It is not only Southeast Asia's largest incremental energy market, but also a strategic hub for Chinese energy enterprises to expand overseas.

Market Foundation

Demographic Dividend： A population of 276 million forms a huge consumer base for all energy products.

Leading Regional Economy： Southeast Asia's largest economy, the world's 18th largest economy.

Sino-Indonesian Strategic Trust: Bilateral trade has surged over the past decade; China ranks among Indonesia's top largest trading partners.

Current Energy Mix Status

Structural Challenge: Fossil fuels account for up to 84% of primary energy, while renewable energy only makes up 12%. The energy system is heavily reliant on coal, oil and natural gas, resulting in a single industrial structure and severe carbon emission pressure. Constraints from energy security and environmental protection accelerate the energy transition, unlocking massive untapped market demand.

Investment Scale

Policy Anchors & Strategic Advantages： Lift renewable energy share to 23% by 2030; achieve carbon neutrality by 2060. The central government has issued a detailed renewable energy development roadmap, continuously releasing policy dividends and providing long-term stable institutional support for energy investment.

Trillion-Dollar Blue Ocean Market: Total energy transition investment demand reaches USD 2.4 trillion for 2022–2060


Why Choose
IG Indonesia

Exhibition Information

IG Indonesia

Move-in Period: November 10, 2026

Exhibition : November 11–12, 2026

Business Visit Tour: November 13, 2026

Organizers:

China IG Member Alliance - CIGMA

AIT Events Co., Ltd.

Co-organizer:

Indonesian industrial gases Association (AGII)

Strategic Media Partners:

I Gas Journal, Gases News

Core Positioning:

Anchor Indonesia's energy transition goals, jointly build a collaborative energy industrial ecosystem

27年

IG China
Since 1999

IG Indonesia

The IG brand has specialized in the industrial gases industry for 27 years, with the core philosophy of "Overseas Exhibition Operation & Precise Stakeholder Outreach". It serves as a core strategic platform for Chinese enterprises to penetrate Southeast Asia's energy market.

Precisely Target the Trillion-Dollar Energy Transition Market

Full-range solutions: LNG regasification, cryogenic storage, air separation, hydrogen production & storage, intelligent O&M systems, tailored for Indonesia tropical & island conditions.

Brand Upgrading & Full-Chain Ecosystem Co-Construction

The platform evolves from simple product trade to an integrated ecosystem featuring technology export, joint R&D and localized industrial layout.

Chinese Enterprises Technical Presentation Session

Onsite dedicated technical presentation hosted by Chinese companies. The session focuses on proven technologies tailored for Indonesia's tropical high-salt island conditions, covering LNG storage & regasification, BOG recovery, air separation utility piping, green hydrogen production & storage, pressure piping safety design and real project references.

Proven Track Record & Authoritative Industry Recognition

The inaugural IG Indonesia 2024 was successfully held, winning high recognition from Indonesian industrial gases Association(AGII) and the Economic Counsellor of the Indonesian Embassy in China, with multiple strategic cooperation agreements signed on-site.

Professional Support • Performance-Oriented Service



- Elizani T.N. Nadia Sumampouw, Minister Counsellor of the Economic Section at the Indonesian Embassy in China, is the core official in charge of bilateral economic and trade cooperation between China and Indonesia, and an official supporter of IG Indonesia 2024. In August 2024, she met Mr. Xu Xin, Chairman of China industrial gases Alliance, at the Indonesian Embassy in Beijing. She explicitly welcomed Chinese gases equipment manufacturers to invest in Indonesia, and promised to provide full support including industrial park matching and local investment policy briefings, directly boosting industrial chain collaboration between Chinese and Indonesian industrial gases sectors.



- Mr. Frank Xu held a special meeting with Mr. Adi, Counselor and Head of the Economic Section of the Embassy of the Republic of Indonesia in China. The two sides had in-depth discussions on core topics including gas energy industrial cooperation between China and Indonesia, the overseas layout of China's full gas energy industrial chain, and preparations for the industry exhibition IG Indonesia. The meeting built a two-way communication bridge between enterprises and government authorities, laying a solid foundation for in-depth collaboration in the gas energy sector of both countries.

Review of Past Show: Grand Highlights of IG Indonesia 2024

Authoritative Official Endorsement • Strong Support from Government & Industrial Leaders

Senior government officials and industrial leaders including the formal Secretary General of Indonesia's Ministry of Industry and President of AGII delivered opening speeches, sending clear positive signals welcoming investment from Chinese enterprises.

High-Level Concurrent Events • In-Depth Industrial Chain Dialogue

The concurrent forum titled "Sino-Indonesian industrial gases Industrial Chain & Supply Chain Cooperation Forum" gathered industry elites to discuss market trends, establishing an efficient exchange and cooperation platform for enterprises from both countries.

Vibrant On-Site Exhibition • Precise Matching Between Supply & Demand

The exhibition brought together industrial elites from China and Indonesia with active on-site communication, successfully generating numerous letters of intent for cooperation and maximizing the commercial value of the event.





Visit Tour of IG Indonesia 2024 Chinese Gases Manufacturers' On-Site Research Tour at Indonesia's Top industrial gases Production Base

The delegation of the "Chinese Gas Enterprises Global Market Tour · Jakarta Station" was organized by China IG Member Alliance(CIGMA), with full coordination from Indonesian industrial gases Association (AGII).

Activity Details

Delegates visited SAMATOR Plant No.44 in Cikande, West Java — Indonesia's largest industrial gases conglomerate — for on-site tours and technical exchanges.



Factory Reception Arrangement

SAMATOR set up welcome banners at the factory gate. Group executives, production directors and full procurement teams received the Chinese delegation, introducing factory production capacity, equipment configuration and 3-year capacity expansion plans.



Technical Exchange Sessions

SAMATOR's technical directors shared pain points of existing production equipment, followed by closed-door exchange seminars.



Procurement Information

Matching During closed-door discussions, SAMATOR's Chief Procurement Officer and Chief Technical Engineer released official procurement lists to the Chinese delegation.



Spanning basic industrial supplies to cutting-edge innovative technologies, the exhibition provides one-stop solutions for all scenarios of Indonesia's energy transformation, creates a diversified and sustainable energy industrial ecosystem, and delivers full-value services for all exhibitors and partners.

industrial gases

Focus on basic gases raw material supply, covering the full workflow of production, storage, transportation and application to consolidate the foundation of energy industrial development.

LNG & Natural Gas

Integrate upstream and downstream LNG technologies, showcase high-efficiency storage, transportation and end-user utilization solutions to advance the transition of clean fossil energy.

Hydrogen Energy & Fuel Cell

Display technologies for green hydrogen production, storage, transportation and fuel cell application, forming a closed-loop zero-carbon hydrogen energy industrial ecosystem.

AI-Driven Industrial Upgrade

Showcase AI digital transformation solutions for all segments of the energy industry to boost intelligent upgrading of energy production and operation.

Energy Storage

Gather advanced energy storage systems and integrated solutions to resolve energy consumption and supply-demand balance challenges, supporting large-scale deployment of renewable energy.

Fluid Machinery

Exhibit core fluid equipment including pumps, valves and compressors; empower safe, high-efficiency energy production and transmission through high-end equipment manufacturing.

Low-Carbon Environmental Protection & Smart Energy

Integrate energy-saving and emission reduction technologies with digital management systems to build modern, eco-friendly, intensive and high-efficiency smart energy systems.

IG Indonesia 2026 Theme:
Facilitating Indonesia's Phased Energy Transition & Industrial Upgrading

Industrial Gas Industry Chain Equipment

Full-process equipment for gas production, purification, storage, transportation and monitoring: complete air separation units, hydrogen production facilities, cryogenic tanks, fluid machinery, analytical instruments and intelligent system solutions, together with high/low voltage electrical gear, transformers, switchgears and smart control systems. Meeting the needs of on-site gas supply and industrial gas island projects in Southeast Asia.

Transitional Gas Energy Equipment

Focusing on low-carbon gas infrastructure and complete equipment for phased energy transition, it showcases production, liquefaction, regulation and transmission systems for LNG, LPG, CNG, DME, biogas-biomethane and blue hydrogen.

Zero-Carbon Energy Equipment

Featuring green hydrogen & green ammonia systems, CCUS facilities, fuel cells, zero-carbon microgrids, source-grid-load-storage integration and digital carbon management solutions, it provides localized zero-carbon pathways for Indonesia's high-energy industries and accelerates the landing of advanced equipment and industrial trade cooperation.

AI & DIGITAL

Energy Storage & Technology

Full-chain technical equipment for gas-based long-duration energy storage covers hydrogen energy storage, compressed air energy storage (CAES), liquid air energy storage (LAES), and complete power-to-gas (P2G) systems, together with supporting storage vessels, compressors, expanders, cryogenic equipment and intelligent management solutions. Catering to Indonesia’ s demands for new energy consumption, grid peak shaving and stable island energy supply, it promotes the local implementation of long-duration energy storage technologies and industrial trade cooperation.


Panoramic View

Industrial Gas Industry

Market Size Data

$8.1 Billion

Market Valuation of Indonesia's Industrial Gas Market (2024)

$11-$12 Billion

Forecasted Market Scale by 2030
Cumulative Growth Margin

↑35-48%

5-6%

Market Structure

CAGR

Robust Downstream Demand

Steel, semiconductors, new energy, machinery manufacturing, food & beverage, healthcare industries

High-Growth Specialty Gases Helium demand maintains an annual growth rate of 7%–8%, driven by semiconductor manufacturing and medical MRI equipment applications.

Dominance of Bulk Gases Oxygen, nitrogen and argon occupy the dominant share of the local market.

Opportunities for Chinese Enterprises

Green Development Trends

Carbon Capture, Utilization and Storage (CCUS) technology and integrated green hydrogen solutions have emerged as new growth drivers.

Challenges Turned into Opportunities

Indonesia suffers from high reliance on helium imports and low distribution efficiency in remote regions, creating massive market opportunities for Chinese technologies and equipment.





LNG & Natural Gas

Booming LNG | **Gas Power Takes Up 60% of Power Demand**

Market Position
Indonesia is one of Southeast Asia's largest oil producers, drawing widespread attention in the energy market.

Power Generation Mix
Coal-fired power accounts for 60% of electricity consumption, while gas-fired power serves as a vital transitional energy source.

New Capacity
Tangguh Train Phase 3 came into operation in 2024
Global LNG exports expected to rise by 39 billion cubic meters in 2025
Indonesia's LNG imports will maintain strong growth momentum in 2025

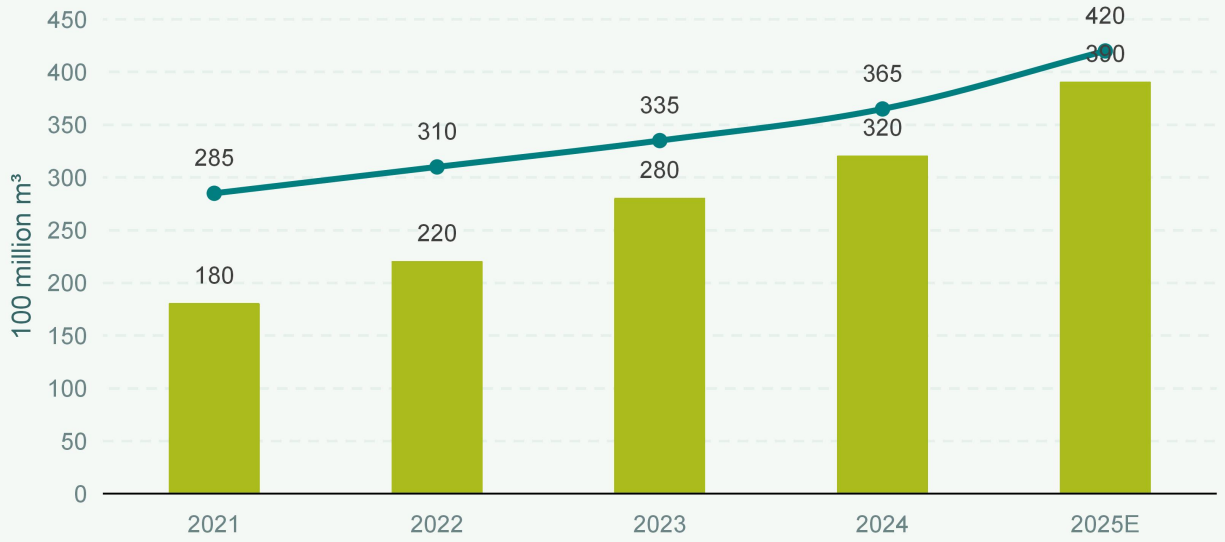
Policy Drivers
Carbon tax set at approximately USD 2.1 per tonne (30,000 Indonesian Rupiah)
National carbon market to be launched in 2025 to accelerate clean energy transition
CCS/CCUS carbon capture technologies provide decarbonization pathways for the industry
Chinese enterprises boast mature technologies in LNG receiving terminals, storage & transportation equipment, and vaporization facilities.

60%
Gas Power Share

390 Bcm
LNG Export Growth

2.1 $
Carbon tax / tonne of CO_2

Indonesia's Rising LNG Import Trend

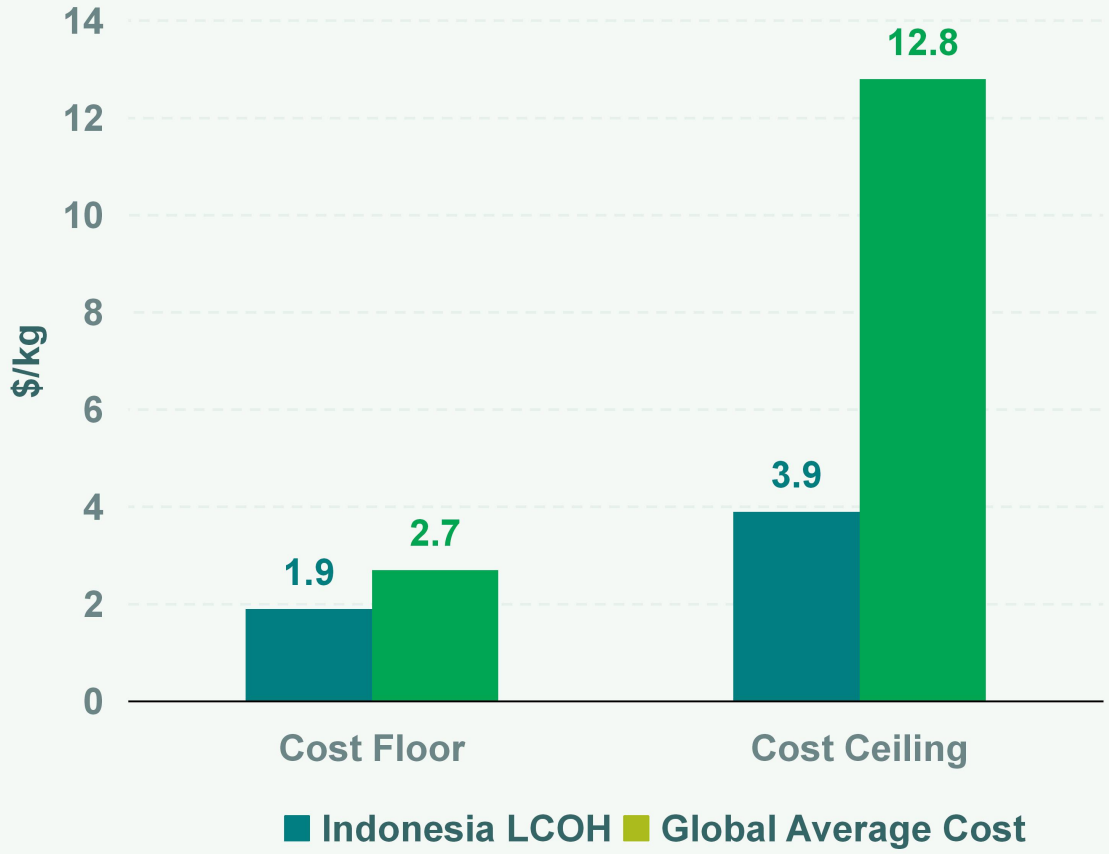


Chinese enterprises have mature technologies in LNG receiving terminals, storage & transportation equipment, and vaporization facilities.

Hydrogen Energy & Fuel Cells

Cost advantages of green hydrogen production

Indonesia vs Global Average (2040 Forecast)



Current Market Status

Annual hydrogen consumption reached approx. 1.75 million tonnes in 2023, mainly used for urea manufacturing (88%), ammonia synthesis (4%), oil refining (2%).

National Strategy

National Hydrogen Strategy released in December 2023 with three pillars: energy security, domestic market development, global export business.

Resource Endowment

Renewable energy potential of 3,689 GW, only 0.3% exploited to date; 17 potential green hydrogen production sites planned.

Application Prospects

Hydrogen fuel cell vehicles, industrial decarbonization (steel, chemical industry), marine sustainable fuels (ammonia/methanol).

Opportunities

Full-chain technology export covering electrolyzers, fuel cells, hydrogen storage equipment and hydrogen transportation solutions.

Low-Carbon Environmental Protection & Smart Energy

$20 Billion

3–5 Year Pledged Investment

Indonesia JETP

A landmark energy transition financing pact signed by Indonesia's government and global partners, representing the world's biggest ever just energy transition investment.

Carbon Market

- IDX Carbon international carbon trading platform launched on 20 January 2025 with 104 registered traders
- Carbon tax mechanism: Approx. USD 2.1 per tonne CO_2e imposed on power generation enterprises
- Mandatory carbon trading to be implemented in 2027, covering cement, fertilizer, steel, pulp & paper industries

COP30 target **160 trillion IDR**

Carbon trading volume equivalent to around 90 million tonnes CO_2e (worth USD 2 billion)

AI Driven Gases Energy Production

AI Empowers Energy Revolution, Accelerating Digital Transformation in Indonesia

3%-5%

Reduced by 3%–5%

Core KPIs of AI Intelligent Air Separation Control System Energy consumption

40%

Operation & maintenance costs cut by 40%

Comprehensive equipment utilization rate lifted to 98.5%

Benchmark Chinese Cases



Hangyang Co., Ltd.



Baowu Clean Energy



CIMC Santai



East China Refining & Chemical Base Products

Necessity for Indonesian Market Rollout

Market growth

Indonesia's industrial gases market records a 5%–6% CAGR, creating urgent demand for AI upgrading

Pain points solved

Mitigate high reliance on helium imports and low distribution efficiency across remote regions

Adaptation features

Suits Indonesia's archipelagic geography and limited power grid coverage, lowering O&M barriers for distributed equipment.

Policy alignment

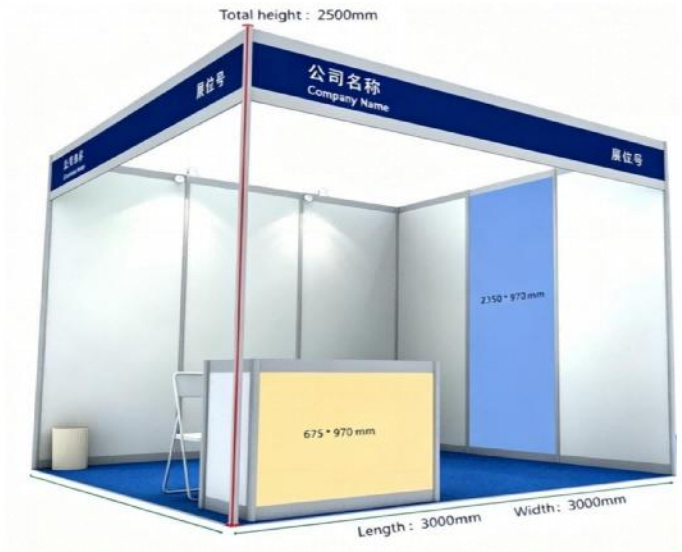
Aligns with Indonesia's national industrial digitalization policy, a core driver to boost local manufacturing competitiveness

Three Core Segments

1. AI-driven equipment R&D and design innovation
2. AI-enabled intelligent manufacturing and production line upgrading
3. AI full-lifecycle equipment operation, maintenance & health monitoring


Exhibition
Packages & Fees

Packages & Fees





Overseas Exhibitors

$ 9000 Plus 11% Tax

Inclusions:
-1 set of 3m×3m standard booth
- Full ground handling from Nov.10 to Nov.13 (4-star hotel accommodation, daily meals for 2 representatives)
- Business site tour on Nov.13

Indonesian Local Enterprises

$ 5500 Plus 11% Tax

Inclusions:
-1 set of 3m×3m standard booth
-Daily meals for 2 representatives

Custom-designed Booths (24㎡)

$16200 Plus 11% Tax

All-in-one service
Up to 3 representatives (1 king room + 1 twin rooms)
(4-star hotel accommodation, daily meals)
Ground handling Nov.10–13
Business tour on Nov.13

Sponsorship Opportunities – Maximize Brand Influence

Gala Dinner Exclusive

Title Sponsorship Exclusive naming rights for the industry gala dinner; full brand exposure across all event materials & on-site sessions to build influence among high-end industrial circles.

AI Driven Gases Energy Production Pavilion

Title Sponsorship Claim the core tech exhibition zone; showcase corporate technical strength to professional visitors and media, establishing a leading industrial brand image.

Lanyard Badge Sponsorship

Full visual exposure on attendee, exhibitor and media credentials, delivering high-frequency brand impressions to all on-site participants.

Overseas Media LOGO Advertising Global brand

Promotion via official international media channels, social platforms and newsletters to tap into potential overseas business partners.

Contact us for full sponsorship proposals. We will customize exclusive, cost-effective brand promotion plans tailored to your corporate positioning and overseas market layout.

Join us in Southeast Asia's largest economy to unlock a booming emerging energy market with a population of 280 million.

IG Indonesia

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