



Future in Business Solution

LX International contributes to enhancing customer competitiveness by delivering value that exceeds expectations. We discover and provide differentiated customer value, shaping the future of Business Solutions.



Contents

01 About LX

- Management Philosophy
 - History
 - Major Affiliates
 - Business performance
-

02 About LX International

- Vision
 - History
 - Business Area
 - Natural Resources Development
 - Trading Business
 - New Growth Business
 - ESG Management
-

03 APPENDIX

- Financial Highlight
- Global Networks

About LX

- Management Philosophy
- History
- Major Affiliates
- Business performance

Link to a Sustainable Future

Founded in 1947, LX is a leading Korean business group that has consistently transformed customers' lives through innovation. Building on the heritage of our parent company, we create new value by connecting advanced technologies with everyday life.

Our management philosophy is to be 'the link to a sustainable future'.

By linking Korea to the world, linking new technology to everyday life and linking generations of the present with the past, we continue a sustainable future.

Link to
a Sustainable
Future

Philosophy

The identity and ultimate goal that encompasses LX's philosophy and spirit

Furthering the humanitarian legacy of our parent company by linking advanced technology to consumers' lives
Creating new value by linking to a sustainable future through innovation

Link
Future
Human

Core Value

The most important values embracing the management principles of LX and the business scope of our subsidiaries

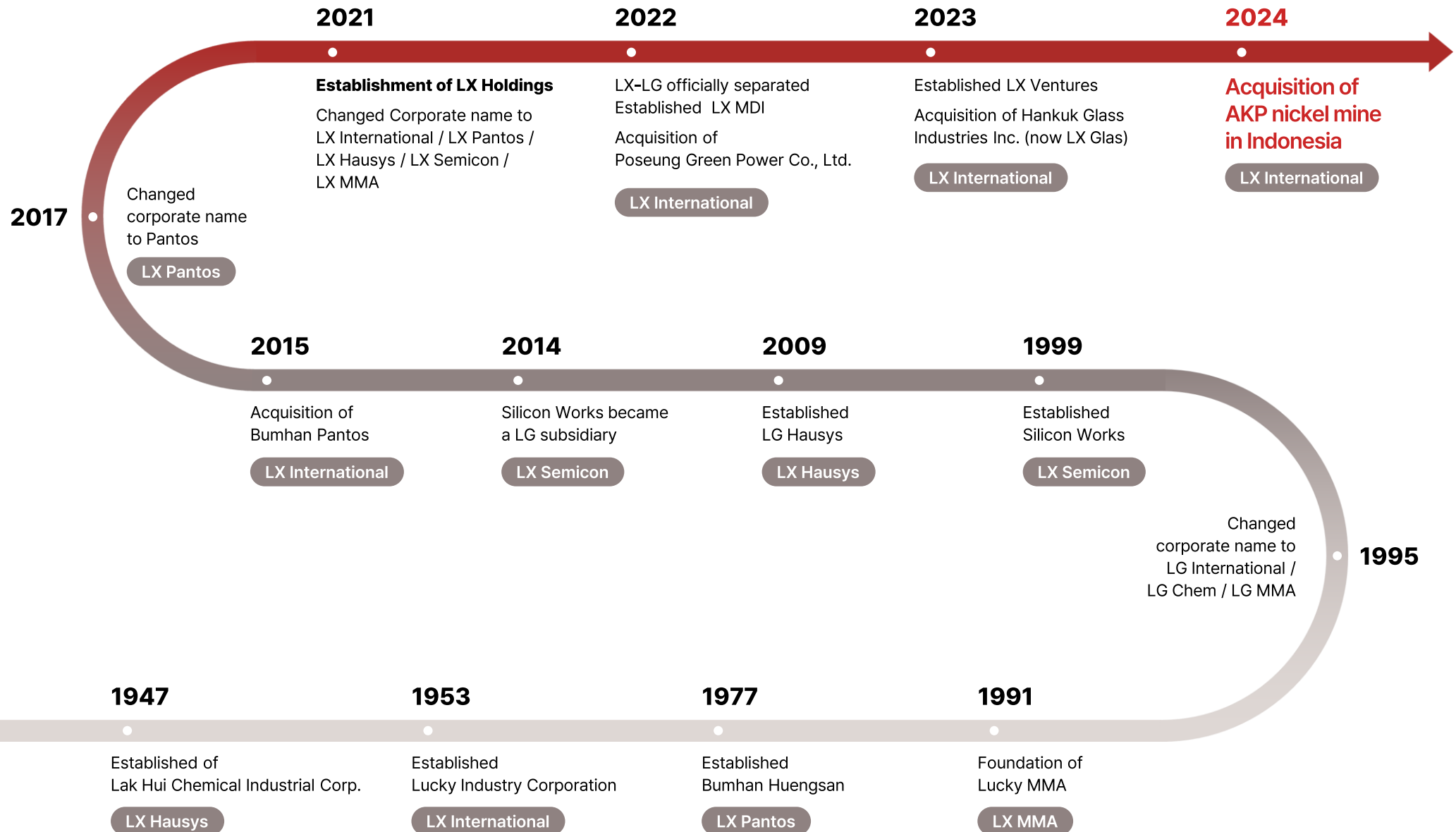
The core value of LX is 'Link, Future, Human'

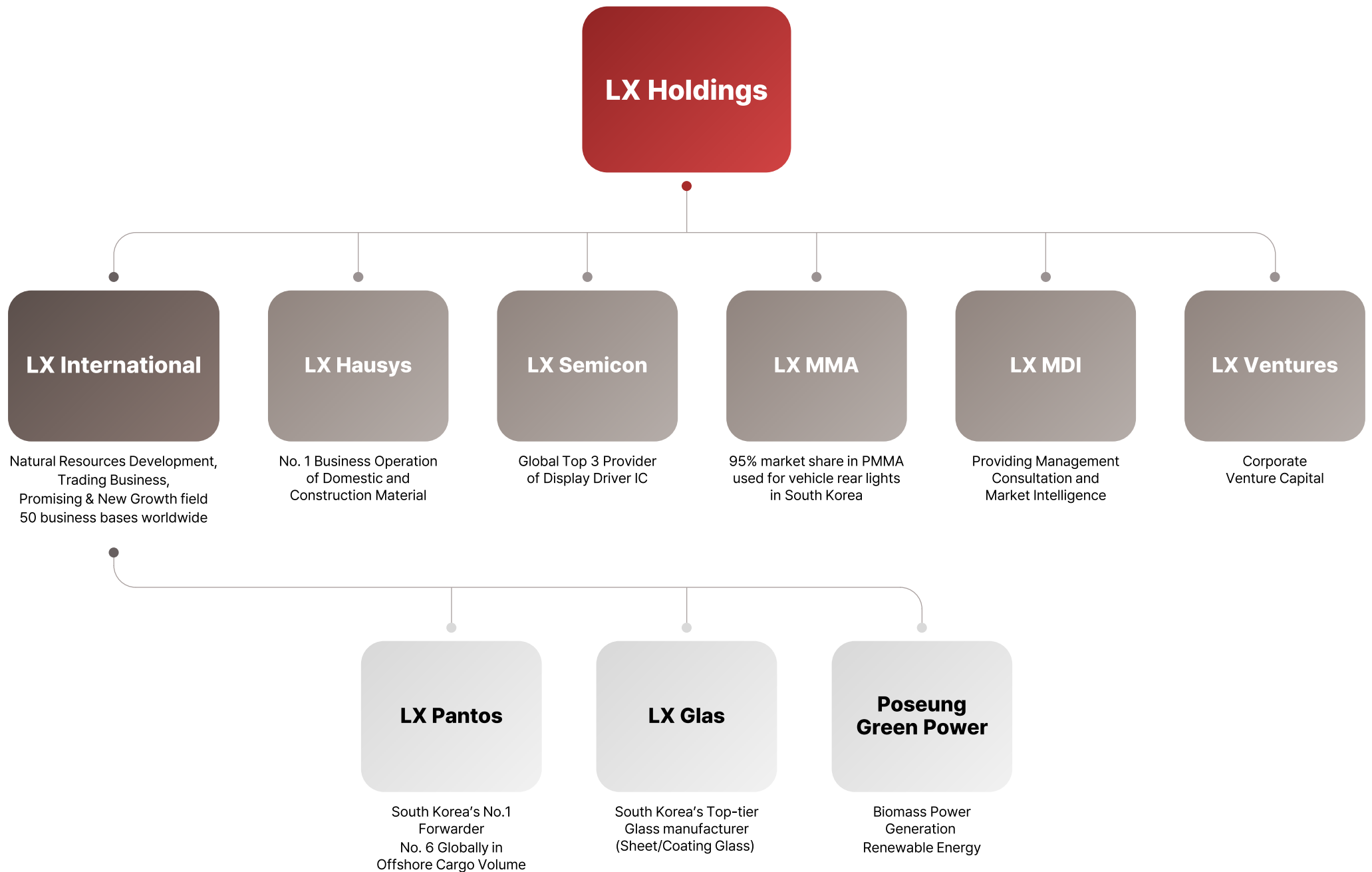
Inspired by You,
Designed by Us

Promise

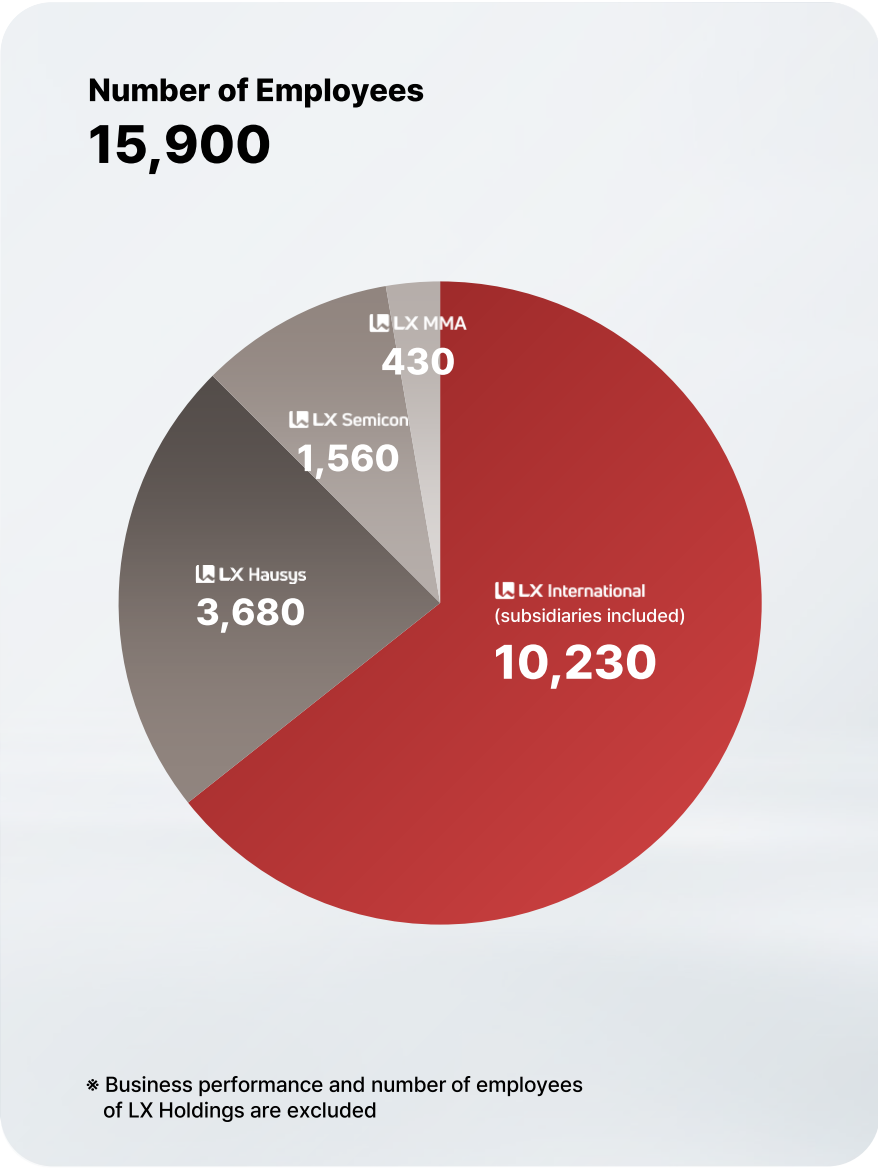
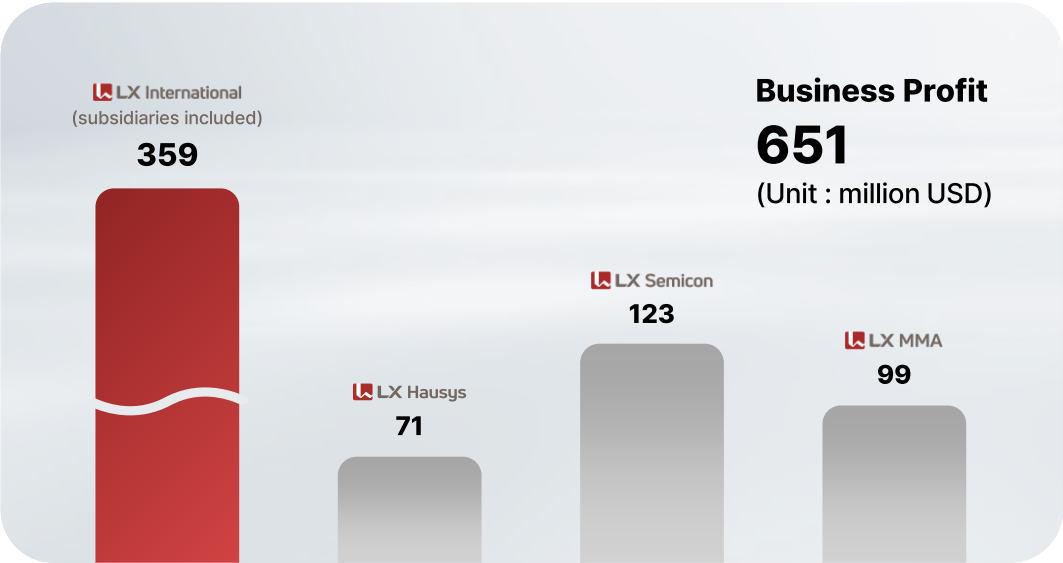
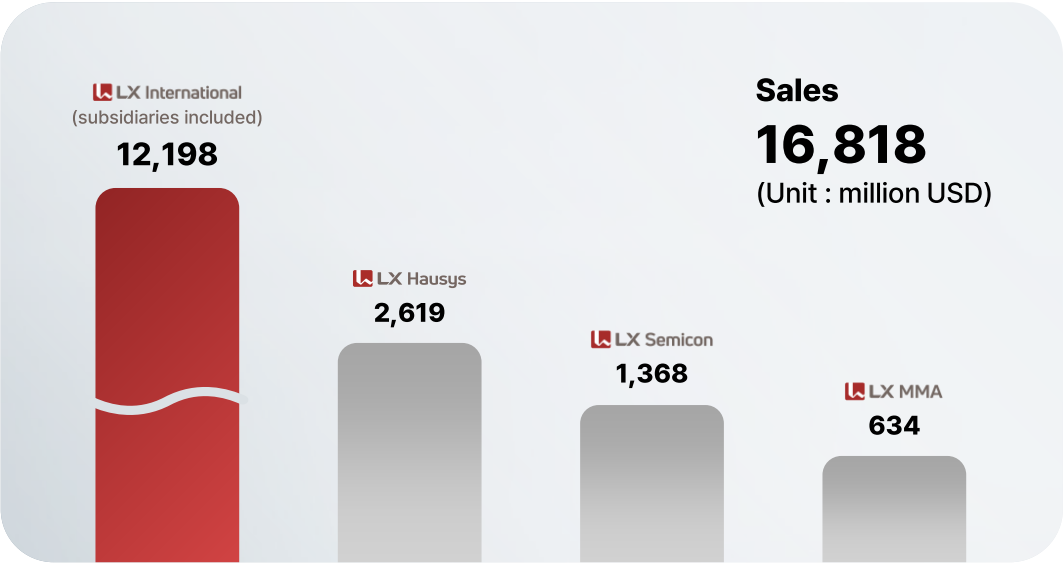
The will and attitude to fulfill our philosophy

Discovering opportunities to create future values that generate value based on the lives of our customers
Developing solutions that utilize LX's technology and innovation to create solutions that generate future value





Business Performance (2024)



About LX International

- Vision
- History
- Business Area
 - Natural Resources Development
 - Trading Business
 - New Growth Business
- ESG Management

Future in Business Solution

LX International creates business solutions that preemptively solve client's pain points and provide differentiated values.

Based on the vision 'Future in Business Solution',
LX International will do our best to create customer value and
enhance business value in order to leap to the next level.

Future in Business Solution

Vision

LX International creates business solutions that preemptively solve client's pain points and provide differentiated values.

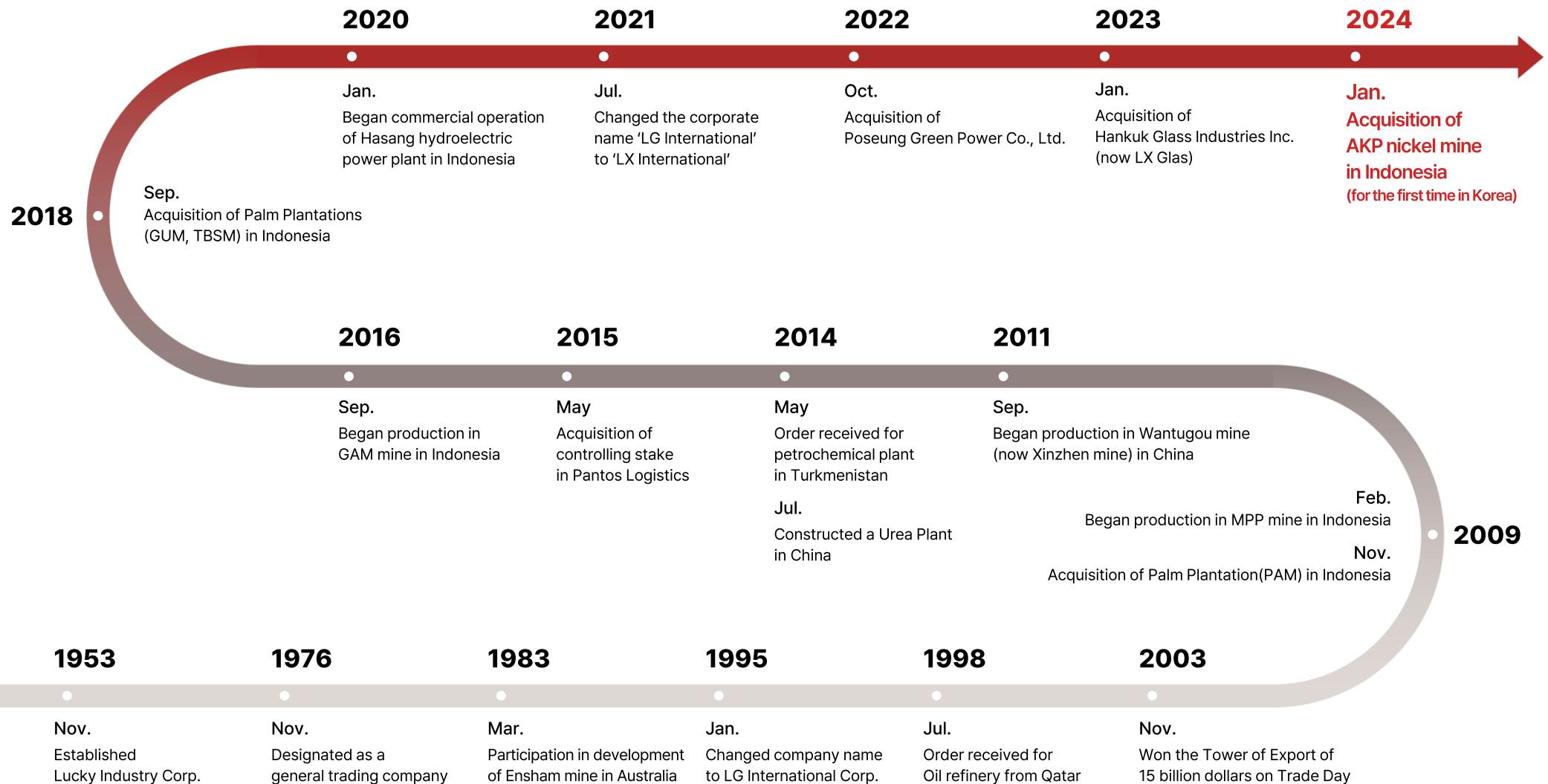
Mission

- Provide Critical resources to humanity.
- Develop new business solutions.
- Improve Client's competitiveness.

Principles

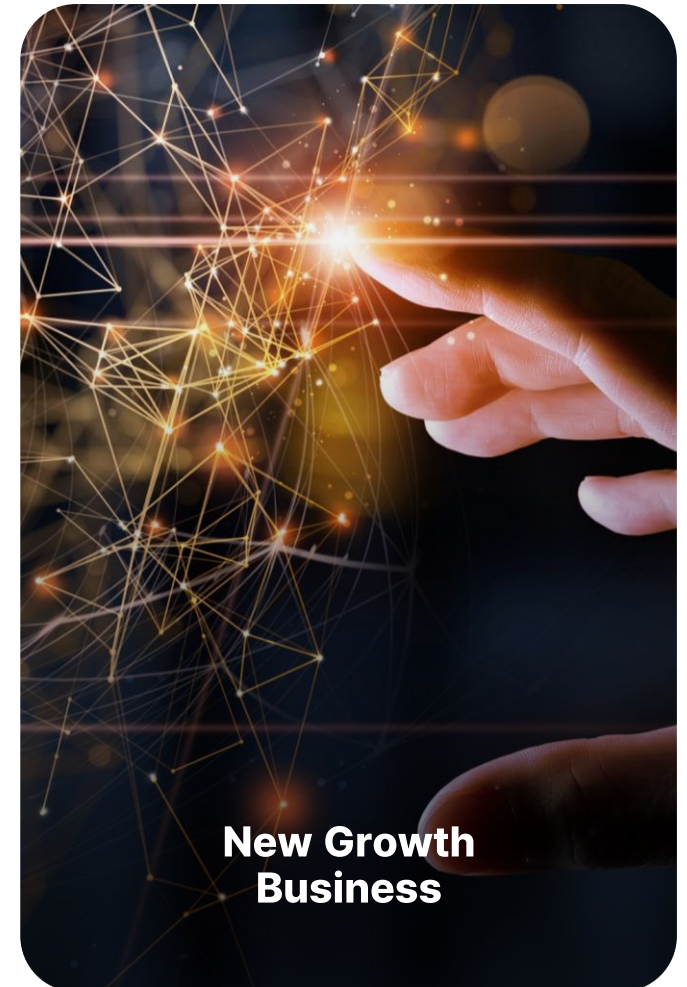
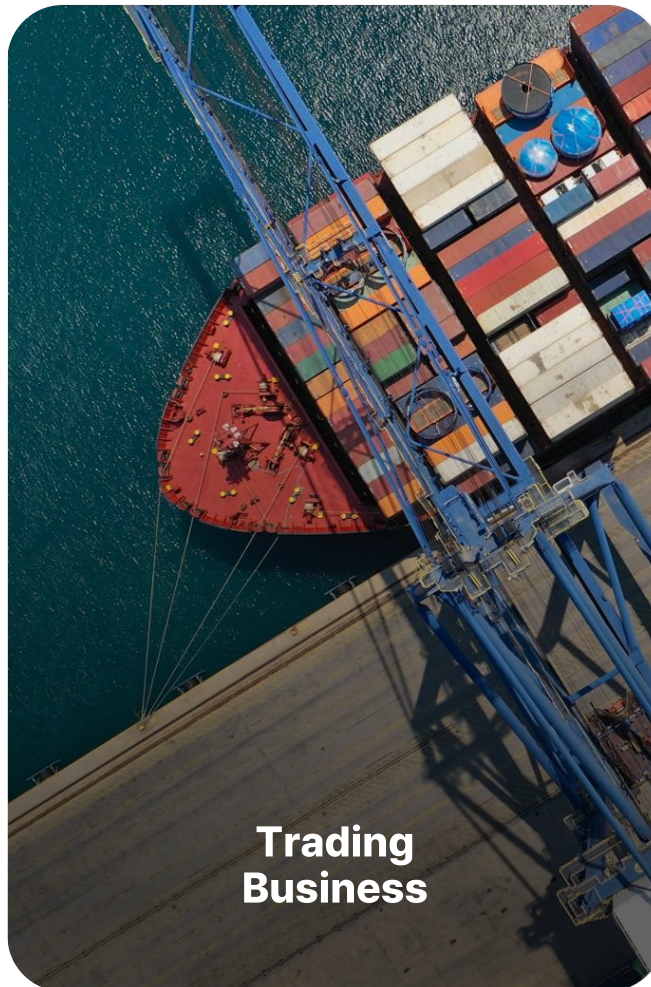
- Stand by client's side always.
- Try something new and difficult.
- Become competitive talents.
- Break down organizational barriers.

LX International was founded in 1953 as 'Lucky Industry Corporation' and has been changing and growing ever since, and has been building Korea's trade foundation and sharing the trajectory of national economic development and growth.



LX International contributes to enhancing customer competitiveness by delivering value that exceeds expectations.

We build a stable business portfolio by organically connecting various businesses and actively pursuing new ventures. To prepare for a sustainable future, we are expanding into promising future industries aligned with ESG trends.



Natural Resources Development

We supply essential natural resources indispensable to humanity.

Natural Resources

LX International is advancing natural resources development projects around the world, including in Indonesia.

Based on our expertise and operational experience in mining, we are expanding our business into promising minerals such as nickel and copper.

Mining Investment and Development

- ✓ Investment, development, and operation of 1 nickel mine, 2 bituminous coal mines, and 1 copper mine
- ✓ Diversifying the natural resources business with a focus on promising minerals such as nickel and copper
 - Nickel: Acquired management rights of the AKP mine in Indonesia (January 2024)
Pursuing additional acquisition of nearby nickel assets
 - Copper: Exploring asset investment opportunities in major resource-rich countries such as the Philippines, Indonesia, and Australia

AKP mine Overview

	Contents	etc.
Types of minerals	nickel ore	
Location	Sulawesi, Indonesia	Adjacent to Large-scale Nickel Smelting Complex
Equity Ratio	60%	off-take(100%)
the amount of minable minerals	36 million tons	1.6% nickel content standard
Production / year	1.8 million tons ('24)	3.5 million tons ('28)



* First Korean company to secure management rights of nickel mines abroad

Status of Investment Assets

	Nickel	Bituminous coal		Copper
	AKP mine	GAM mine	Xinzhen mine	Rapu Rapu mine
Location	Indonesia	Indonesia	China	Philippines
Equity Ratio	60%	60%	30%	42%
Production / year	1.8 million tons	20 million tons	8 million tons	Mine rehabilitation in completed

Pursuing new business opportunities in the field of 'promising minerals'



Natural Resources Development

We supply essential natural resources indispensable to humanity.

Palm LX International ensures a stable supply of crude palm oil (CPO) to the global market through its palm business in Indonesia.

Palm Business Investment and Operations

- ✓ Investment, development, and operation of three palm plantations in Indonesia
 - Annual production: Approximately 200,000 tons
 - Obtained global certifications for sustainable palm oil production and sales (RSPO, ISPO)
- ✓ Crude Palm Oil (CPO) Production and Distribution
 - Customers : Indonesia, Malaysia, India, and others

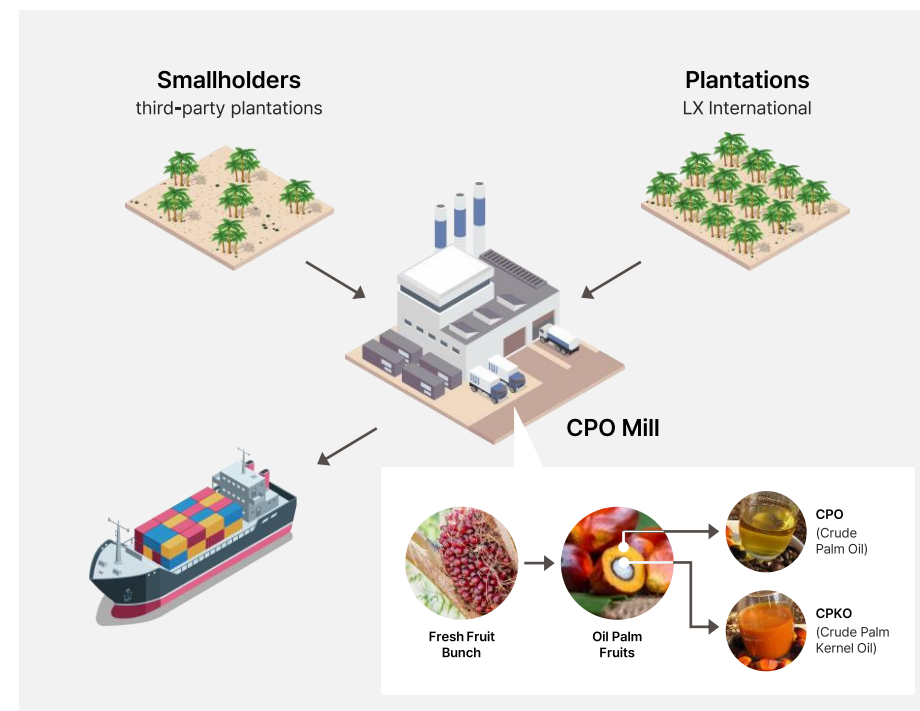
Status of Investment Assets

	PT.PAM	PT.TBSM	PT.GUM
Location	Kalimantan in Indonesia		
Equity ratio	100%	100%	100%
Production / year	91 thousand tons	58 thousand tons	41 thousand tons
Certifications	RSPO*	ISPO*	ISPO*
Planted area	24,000 ha		

*RSPO : Roundtable on Sustainable Palm Oil

*ISPO : Indonesia Sustainable Palm Oil

Palm Business Operation Process



Trading Business

LX International contributes to enhancing customer competitiveness by delivering differentiated value in areas closely connected to everyday life.

Minerals & Oils

The company has established a stable supply base for minerals and oils by leveraging investment assets secured through its natural resources business.

Minerals Trading

- ✓ **Stable Resource and Raw Material Supply Based on Investment Assets**
 - Diversifying the mineral business portfolio over the mid to long term, focusing beyond bituminous coal and nickel
 - Entering regional and mineral-specific markets, identifying major suppliers, and reviewing potential joint investment opportunities

	Bituminous coal	Nickel ore	New minerals (under consideration)
Handling volume / Year	30 million tons	3.5 million tons	Copper, Bauxite, and others
Investment assets	GAM mine in Indonesia, Xinzhen mine in China	AKP mine in Indonesia	
Customers	China, India, Southeast Asia, Korea and others		

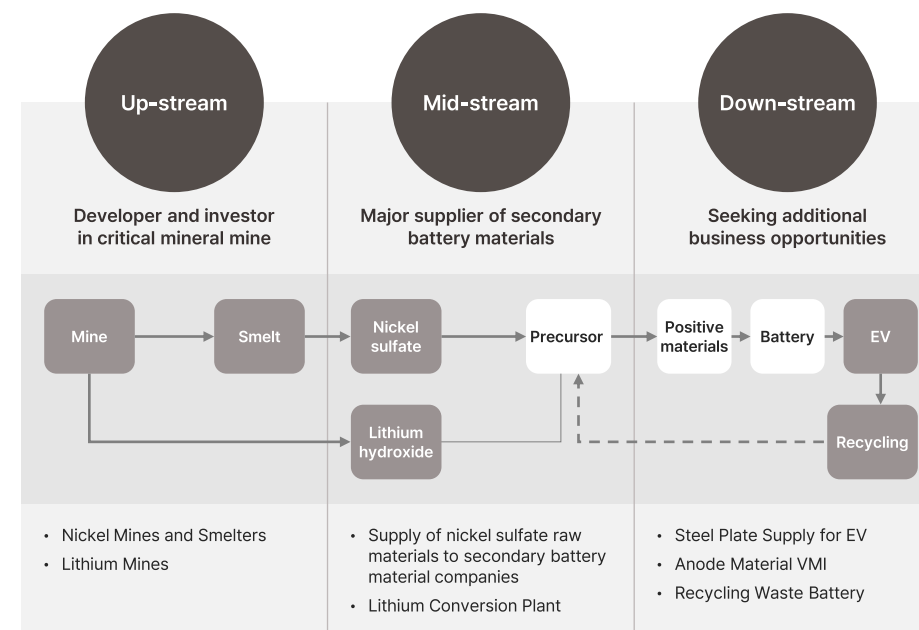
Oils Trading

- ✓ **Stable Crude Palm Oil (CPO) Supply Based on Investment Assets**
 - Expanding sales and distribution volumes by utilizing palm industry networks
 - Expanding palm-related product supply, discovering new edible oil trading opportunities, and reviewing potential joint investment opportunities

	CPO, Refined palm oil, etc	Palm by-products, Used cooking oil, Soybean oil, Other edible oil and others
Handling volume/ Year	1.2 million tons	New initiatives in progress
Investment assets	Palm Plantations(PAM, TBSM, GUM) in Indonesia	
Supply	China, India, Southeast Asia, Korea, Middle East, and others	

Business Roadmap in Secondary battery area

- ✓ Expansion of secondary battery industry value-chain through additional investment in assets such as mines and smelters
- ✓ Provision of intermediate goods trading for secondary battery material companies in connection with asset investment



Trading Business

LX International contributes to enhancing customer competitiveness by delivering differentiated value in areas closely connected to everyday life.

Industrial materials & components

LX International has established a stable supply base for industrial materials through equity investments and the acquisition of product off-take rights. In particular, the company delivers differentiated value to customers by offering transaction support services that optimize cost structures, such as integrated supply chain management solutions (VMI).

Industrial materials & components Trading

- ✓ Trading of chemical products including methanol
- ✓ Equity investments in chemical plants and acquisition of product off-take rights
- ✓ Investment and operation of steel coil centers
- ✓ Exploring new business opportunities in promising sectors such as secondary batteries and electric vehicles

Status of Investment Assets

Urea	Urea fertilizer plant	China
PVC	LG Bohai Plant	
Steel Coil	Tianjin Steel Processing plant	Vietnam
	Haiphong steel processing plant	
	PWPC coil center	Poland
Glass	LX Glas	Korea

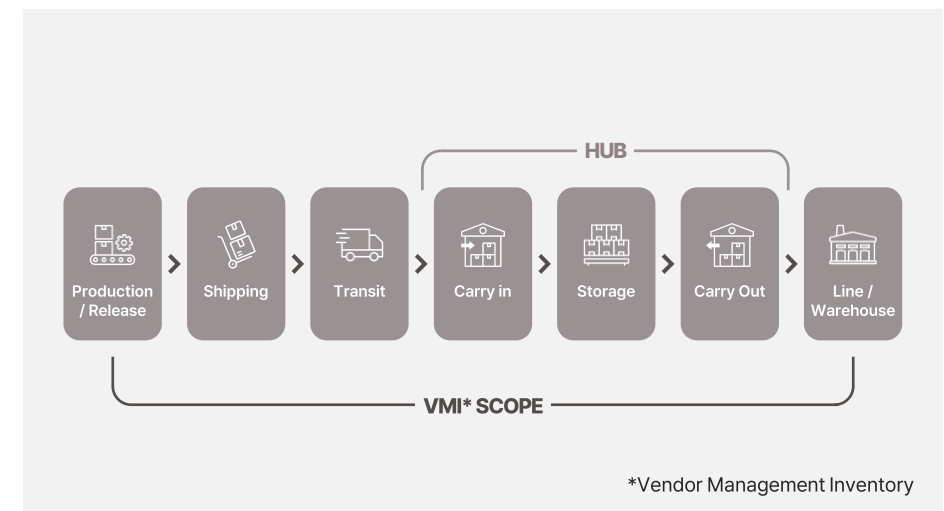
New Business

secondary battery materials	Nickel intermediates (nickel sulfate, MHP), precursors, and cathode materials
metals	Steel plates for EVs, steelmaking raw materials and auxiliaries
Petro chemicals	High-performance chemical materials
Glass raw materials	silica sand, soda ash

Transaction support services between sellers and buyers

- ✓ Logistics and inventory management services for IT components, secondary battery materials, and electric vehicle components
 - Real-time, data-driven supply chain management system LITS (LX International Trading System)
 - Key items: display panels (LCD, OLED), battery materials, EV parts
- ✓ Enhancing financial operation efficiency and providing risk management services

VMI(Vendor Management Inventory) service flow chart



New Growth Business

Pursuing Sustainable Growth Through Proprietary Business Models in Next-Generation Industries

LX International is developing new businesses centered on eco-friendly and next-generation industries aligned with ESG trends, establishing a unique and sustainable growth model.

Infrastructure Asset Investment and Management

- ✓ Investment and management of overseas infrastructure assets such as urea fertilizer plants and cogeneration power plants
- ✓ Promotion of renewable energy projects, including biomass in Korea and hydropower in Indonesia
- ✓ Development of business strategies and exploration of opportunities to enter emerging markets such as India and the Middle East

Status of Investment Assets

	Urea fertilizer plant	Wuwei co-generation power plant	Musandam power plant	Hasang hydroelectric power plant	Poseung Biomass power plant
Location	China	China	Oman	Indonesia	Korea (Pyeongtaek)
Equity ratio	29%	30%	18%	95%	63%
Products	Urea	Electricity	Electricity	Electricity	Electricity
Production capacity/ Year, Power generation capacity	1,050 thousand tons	700MWh	120MWh	41MWh	43MWh

Carbon Credit Business

- ✓ Securing carbon credits through eco-friendly projects such as renewable energy and biogas plants
- ✓ Promoting global sales of secured carbon credits
 - Markets include Korea, Europe, and others

Status of Carbon Credit Business

	Renewable power generation	Biogas power plant	
Business	Contributing to carbon reduction by replacing fossil fuel-based power generation with eco-friendly alternatives	Capturing methane gas from palm oil mill effluent (POME) to produce biogas	
Location	Hasang hydroelectric power plant(BNE), Indonesia	Palm plantation(TBSM), Indonesia	Palm plantation(PAM), Indonesia
Production capacity/ Year	200 thousand tons	40 thousand tons (estimated)	60 thousand tons (estimated)

LX International’s ESG Vision: Creating Customer Value for a Sustainable Future

Creating Customer Value for a Sustainable Future

ESG Ratings (as of 2024)

- MSCI: Grade A
- KCGS : Grade A



10 Core ESG Management Initiatives

Environment

Climate Change Response

Expanding greenhouse gas emission management and climate action initiatives

Environment

Resource Usage and Circular Economy

Promoting resource use (including reuse/recycling), waste management, and monitoring activities

Social

ESG Risk Management in the Supply Chain

Implementing self-assessments and due diligence systems for ESG risk in the supply chain

Social

Safety and Health Management

Operating safety and health management systems, committees, and monitoring, and promoting key safety and environmental initiatives

Social

Talent Acquisition and Development

Enhancing employee capabilities through rank-based and thematic training programs within a structured development system

Environment

Sustainable Business Operations

Driving renewable energy projects such as biomass, hydropower, and solar power through eco-friendly business practices

Environment

Environmental Management Strategy and System

Establishing a company-wide environmental management system and enhancing environmental management capabilities

Governance

Board Roles and Responsibilities

Operating an enterprise-wide integrated risk management system and managing both financial and non-financial risks

Governance

Jeong-do Management

Promote internalization activities such as compliance system operation, compliance training and sending newsletter

Economy

Generating Sound Economic Performance

Establishing efficient cost management systems and sustainable investment strategies

LX International fulfills its corporate social responsibility through a wide range of social contribution activities.

Under the vision of “Living Together”, the company promotes various community initiatives centered on the core values of the LX Group - Link, Future, and Human.



Link

Community Engagement Near Business Sites and Overseas Subsidiaries

Domestic

- Participation in the Gwanghwamun One Team*

* A community partnership of companies and organizations located in the Gwanghwamun area, including LX International

International

- Building village bridges and repairing local roads
- Providing medical services to local residents
- Supporting primary and secondary education

Future

Activities for Future Generations (Children and Youth) and Environmental Conservation

Children and Youth

- Sponsoring local children's centers
- Supporting the operation of childcare facilities

Environmental

- Organizing environmental clean-up plogging events
- Promoting biodiversity initiatives

Human

Support for the Underprivileged

The underprivileged

- Volunteering for kimchi-making to support elderly living alone
- Fulfilling wishes of children with rare and incurable diseases
- Hosting a charity blood donation campaign

APPENDIX

- Financial Highlight
- Global Networks

(Unit : million USD)	2022	2023	2024
Asset	5,975	6,125	6,548
Current assets	3,469	3,090	3,356
Non-current assets	2,505	3,035	3,191
Liabilities	3,624	3,769	4,114
Current liabilities	2,272	1,998	2,491
Non-current liabilities	1,353	1,772	1,623
Equity	2,350	2,356	2,439



(Unit : million USD)

2022

2023

2024

Sales

14,520

11,119

12,198

Operating Profit

747

332

359

Profit before tax

877

263

338

Net Income

603

148

198





Headquarters and subsidiaries

- Headquarter(Seoul)
- subsidiaries :
LX Pantos(Seoul)
LX Glas(Seoul, Gunsan)
Poseung Green power (Pyeongtaek)

Regional Strongholds 4

- Indonesia Region Rep.
- India Rep.
- China Region Rep.
- Middle East Rep.

Overseas Corporations 7

- Indonesia
- Japan
- Singapore
- China(Hong Kong)
- China(Shanghai)
- U.S.A
- Europe(Germany)

Overseas Branches 18

- Beijing
- Ordos
- Guangzhou
- Shenzhen
- Ho Chi Minh
- Hanoi
- Taipei
- Bangkok
- Dubai
- Muscat
- Moscow
- Istanbul
- Mumbai
- New Delhi
- Qingdao
- Lanzhou
- Yangon
- Manila

Investment Assets 17

- AKP mine, Indonesia
- GAM mine, Indonesia
- MPP mine, Indonesia
- Palm plantation(PAM), Indonesia
- Palm plantation(TBSM), Indonesia
- Palm plantation(GUM), Indonesia
- Hydroelectric power plant(BNE), Indonesia
- Xinzhen mine, China
- Tianjin Steel Processing plant, China
- Wuwei co-generation power plant, China
- Urea fertilizer plant, China
- LG Bohai plant, China
- Haiphong steel processing plant, Vietnam
- PWPC coil center, Poland
- LX Sakha Center, Russia
- LNG Project, Qatar
- Musandam power plant, Oman



03184 LX International, 58, Saemunan-ro, Jongno-gu, Seoul, Korea
www.lxinternational.com

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