KOLON INDUSTRIES

2025 Company Profile



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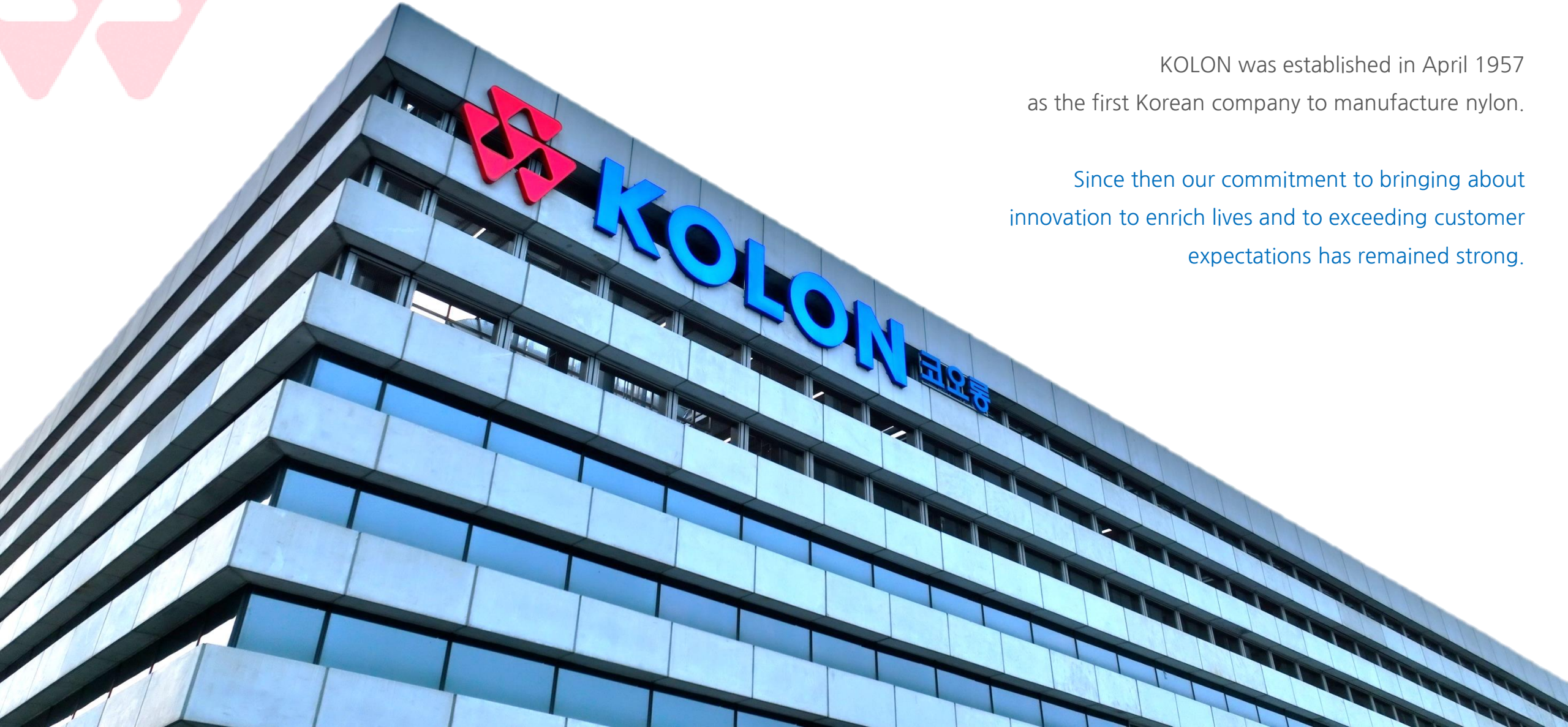
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1 Kolon Group



KOLON was established in April 1957
as the first Korean company to manufacture nylon.

Since then our commitment to bringing about
innovation to enrich lives and to exceeding customer
expectations has remained strong.

1 Philosophy







VISION

LIFESTYLE INNOVATOR

We are committed to redefining our customers' lifestyles through innovative products and exceptional services

MISSION

ONE&ONLY

By advancing technology and enhancing service offerings, we strive to enrich the lives of our customers every day

VALUES

ONE&ONLY three key principles

'First Choice of Customers',
'Uniqueness',
'Individual Excellence'

1 Affiliated Companies



Industrial Materials

KOLON INDUSTRIES
KOLON ENP

Auto Parts·IT·Composites

KOLON INDUSTRIES
KOLON ENP
KOLON BENIT
KOLON SPACEWORKS

Environment·Energy

KOLON INDUSTRIES
KOLON GLOBAL
KOLON LIFESCIENCE

Bio·Healthcare

KOLON LIFESCIENCE
KOLON TISSUEGENE
KOLON PHARMA

Construction·Retail·Leisure

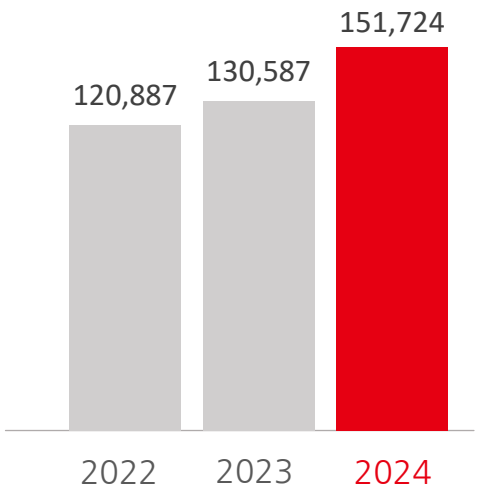
KOLON GLOBAL
KOLON MOBILITY GROUP
KOLON GLOTECH
GREEN NARAE (Golf)
MOD
KOLON LSI
SWEETMEAL

Fashion

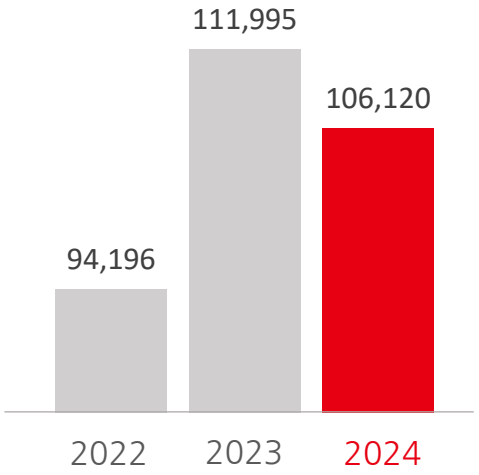
KOLON INDUSTRIES FnC

1 Financial Highlights (Group)

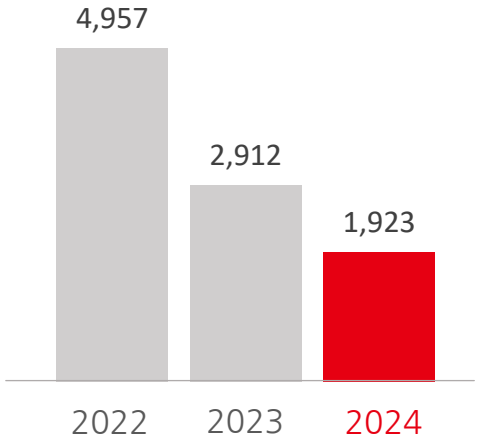
Asset



Revenue



Operating Profit



Unit: KRW 100million

Disclosure of Current Status of Large-Scale Business Groups, 2024

2 Kolon Industries

Equipped with a diversified product portfolio, KOLON INDUSTRIES offers an array of business solutions including advanced mobility solutions, specialty fibers and films, petrochemical resins and fashion products.

We will continue to grow to a company that makes a better tomorrow based on our commitment to delivering innovative values to customers.



2 Overview

Name	**KOLON INDUSTRIES, INC.**
CEO	Sung Huh, Seogjin Yu
Founded	April 12,1957
Business Areas	Mobility Solutions, Specialty Fiber & Film, Chemical Resins, Fashion
Employees	4,017 (Mar, 2025)
HQ	Kolon One&Only Tower, 110 Magokdong-ro, Gangseo-gu, Seoul, Republic of Korea
Listing Date	Feb 1, 2010 (KOSPI 120110)
Website	www.kolonindustries.com



Mobility Solutions

Airbag, Chamude, Car interior materials, Car seat, Spunbond, Membrane, Fuel Cell materials(Humidifier, PEM, MEA), HDPE



Specialty Fiber & Film

Tire Cord, Aramid, Barrier film, Metalized film, Prism film, DFR film, LCD·LED panel and flexible display materials (CPI Film)



Chemical Resins

Hydrocarbon, Phenolic, Epoxy, PET Resins

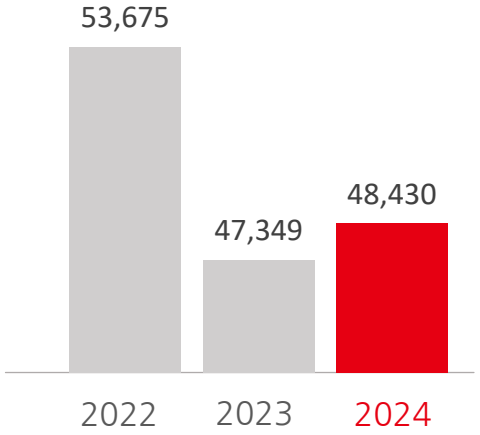


Fashion (Kolon Industries FnC)

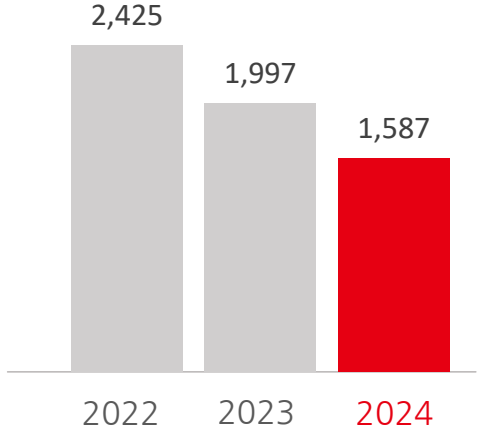
Kolon Sports, Customellow, Series, Epigram, Lucky Chouette, Suecomma Bonnie, etc.

2 Financial Highlights

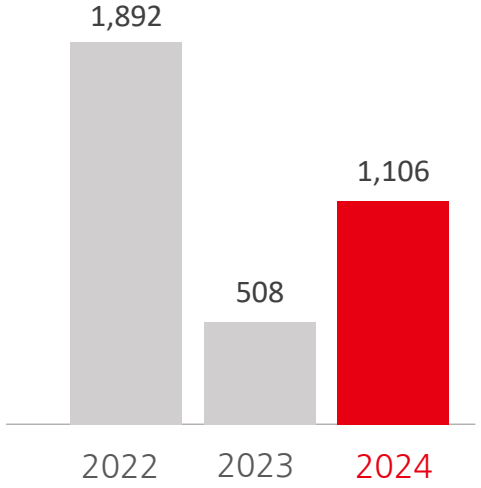
Revenue



Operating Profit



Net Income



Unit: KRW 100 million

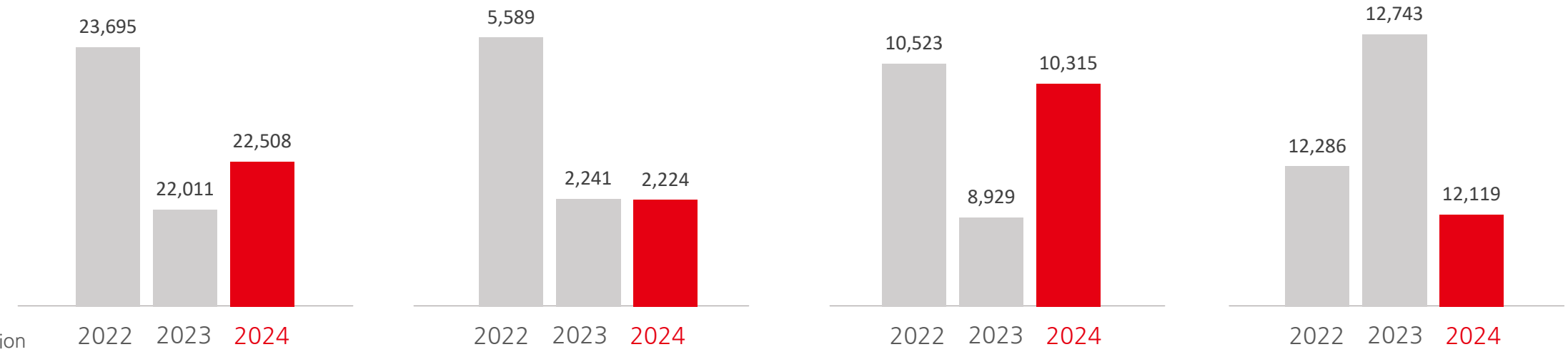
IFRS Standards, 2024

2 Business Performance

Proportion

Industrial Materials	Film/Electronic Materials	Chemicals	Fashion
46%	5%	21%	25%

Turnover



Unit: KRW 100 million

IFRS Standards, 2024

2 Milestones

FOUNDATION

1957 Established as Korea Nylon Co., Ltd.
(First company to manufacture nylon in Korea)
1968 Established Polyester yarn plant
1973 Started Tire Cord biz.
1976 Phenol/Epoxy/Hydrocarbon Resin biz.

EXPANSION

1981 Polyester Film biz.
1985 Spunbond biz.
1991 Artificial Leather biz.
1996 Airbag & Membrane biz.
2004 Aramid biz.

DIVERSIFICATION

2018 CPI (Foldable Display Film) biz.
2019 Hydrogen Fuel Cell biz.
2023 Aramid Double-Up Expansion (Korea No.1)
& Secondary battery recycling (investment)

1950 - 1970s | 1980 - 2000s | 2010s








2 Domestic Operating Sites



Seoul HQ,
R&D Center
EST 2018



Daesan Plant
EST 2014
(Hydrocarbon resin)



Cheonan Plant
EST 1988
(Car seat)



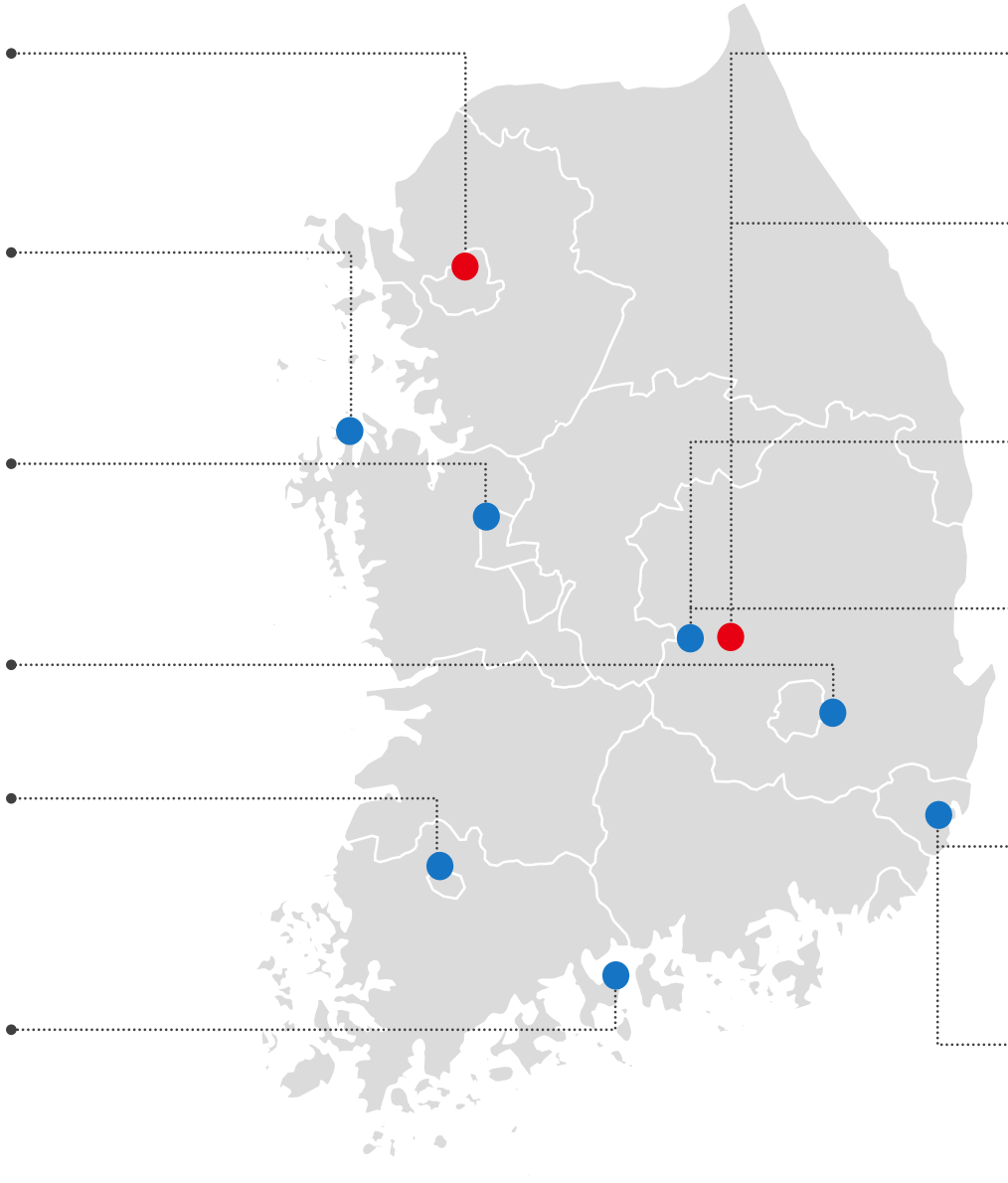
Gyeongsan Plant
EST 1973
(Airbag, Chamude)



Gwangju Plant
EST 2015
(Car seat)



Yeosu Plant
EST 2004
(Hydrocarbon resin)



Gumi Plant, R&D Center
EST 1969
(Tire cord, Aramid)



Gumi Plant 2
EST 1987
(Car interior materials)



Gimcheon Plant 1
EST 1991
(Film & Electronics)



Gimcheon Plant 2
EST 1989
(Phenol, epoxy resin)



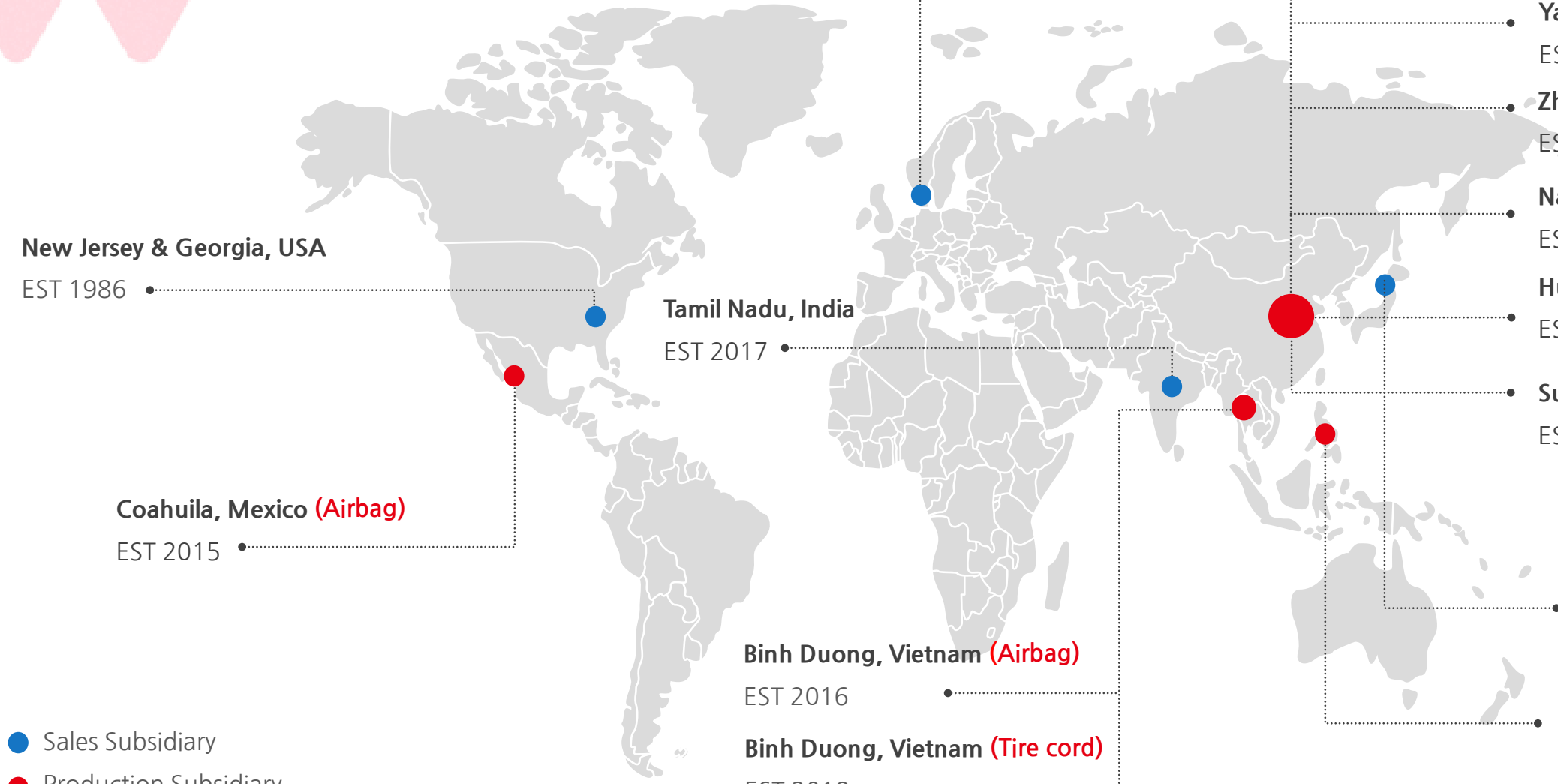
Ulsan Plant 1
EST 1977
(Hydrocarbon resin)



Ulsan Plant 2
EST 2000
(Car seat)



2 Overseas Operating Sites



Frankfurt, Germany
EST 2008

Qingdao, China (Car seat)
EST 2002

Yancheng, China (Car seat)
EST 2014

Zhangjiagang, China (Car seat)
EST 2004

Nanjing, China (Airbag)
EST 2002

Huizhou, China (Electronics)
EST 2013

Suzhou, China (Phenol resin)
EST 2005

New Jersey & Georgia, USA
EST 1986

Tamil Nadu, India
EST 2017

Coahuila, Mexico (Airbag)
EST 2015

Tokyo, Japan
EST 1972

Binh Duong, Vietnam (Airbag)
EST 2016

Binh Duong, Vietnam (Tire cord)
EST 2018

Cavite, Philippines (Car seat)
EST 2022

- Sales Subsidiary
- Production Subsidiary

2 Business Competitiveness

Powered by our diversified business portfolio coupled with industry leading R&D capability,
we are making our best endeavors to drive future growth rising above everchanging market environments.

Mobility Solutions

- Airbag, car seat, artificial leather, Spunbond nonwoven fabric, etc.
- Automotive interior materials
- HDPE(cooling textiles)

Specialty Film & Fiber

- 5G and EV tire materials, aircraft, air defense composites
- Flexible display & panel film materials

Chemical Resins

- Hydrocarbon, phenol, epoxy resins (Adhesives and additives for composite materials)











Secondary Battery

- Battery recycling



Eco-Friendly

- Recycled PET (Cr-PET)
- Bio-degradable Fiber (Lyocell Fiber)



Hydrogen Economy

- FCH: First mass production in Korea, supplied to HKMC, 2013
- PEM
- MEA

2 Business Areas Mobility Solutions



Car Interior Materials

The only company in the world that is capable of producing all car interior materials and fabricating them into interior parts at clients' needs

- Equipped with a diverse portfolio of 9 materials, we deliver a variety of auto interior solutions from car mats to premium interior trims tailored to meet global automakers' strict standards.



Airbag

Airbag cushion & fabric production

- As a key safety feature alongside seat belts, we manufacture essential cushion and fabric for airbags.
- We partner with leading automotive parts and module companies worldwide, driving toward global leadership.

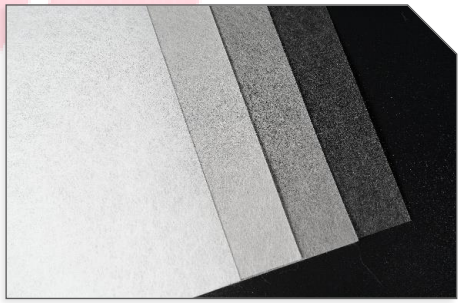


Car Seat Module

Product that finalizes car seats for passenger comfort

- With punching and quilting techniques, we combine design, breathability, and airbag reliability for an optimized driving experience.
- From fabric production to sewing, we provide end-to-end, customized solutions.

2 Business Areas Mobility Solutions



Spunbond (Nonwoven fabric)

First in Korea to earn EPD certification for nonwoven fabrics in filters, carpets, automotive, and geotextiles

- High-performance nonwoven made of continuous PET long fibers with superior strength and durability.
- Serves diverse industrial applications with exceptional physical properties.



Chamude (Artificial leather)

Among the world's top 3. Offers a rich color range for automotive, furniture, and luxury materials

- Ultrafine fibers recreate the elegance of natural leather with enhanced durability.
- We are a global top 3 manufacturer of materials for automotive interiors, luxury goods, and furniture.

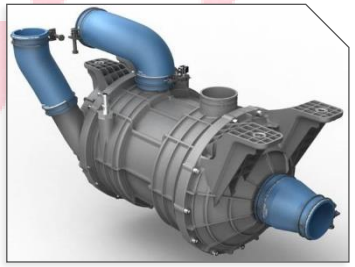


HDPE

High-performance material used in gloves and cooling blankets

- Ideal for bedding and apparel with excellent cooling properties.
- The first and only in Korea to produce dope-dyed yarn with OEKO-TEX certification, holding a 70% market share in the domestic cooling bedding industry.

2 Business Areas Mobility Solutions



FCH (Fuel Cell Humidifier)

World's first to develop and commercialize the fuel cell humidifier

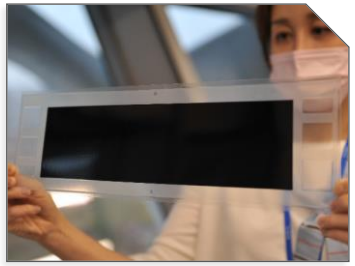
- Regulates the temperature and humidity of air supplied to the stack in the hydrogen fuel cell system.
- Selectively controls moisture penetration within the stack to enhance the efficiency of power generation.



PEM (Polymer Electrolyte Membrane)

Core material of hydrogen fuel cells

- Functions as both a separator for oxygen and hydrogen and an electrolyte that transfers hydrogen ions from the anode to the cathode.



MEA (Membrane Electrode Assembly)

Generates electricity and thermal energy by facilitating hydrogen and oxygen supply within fuel cells

- Consists of two electrodes (anode, cathode) and a PEM.
- At the anode, hydrogen gas oxidizes into hydrogen ions, generating electricity. The electrons and hydrogen ions combine with oxygen at the cathode to form water.



VENT

Shields electronic devices from environmental changes

- Provides waterproof, dustproof, and breathable properties to prevent liquid and dust intrusion while maintaining internal pressure stability in devices like smartphones, wireless earbuds, and tablets.

2 Business Areas Specialty



Tire Cord

Backbone of Tires

- An industrial yarn used as a reinforcement material to protect tires from external friction and impact.
- Supplied to global top-tier tire manufacturers through production facilities in Gumi, South Korea, and Vietnam.



Aramid

High-Performance “Super” Fiber

- A yarn with five times the tensile strength of steel of the same weight, offering excellent heat resistance.
- Applied in bulletproof products, fiber optic cables, and industrial reinforcements where high strength and lightweight properties are required.



CPI Film

Core Material for Flexible Displays, First Mass-Produced by Kolon Industries

- A versatile film that leaves no crease marks when folded, is highly scratch-resistant, and can withstand high temperatures required for electronic circuit fabrication.
- Used as a cover window for foldable displays and as a substrate for transparent flexible electronic materials.

2 Business Areas Specialty



Barrier Film (QD barrier & metalized films)

Protective Film for Displays and QLED TVs

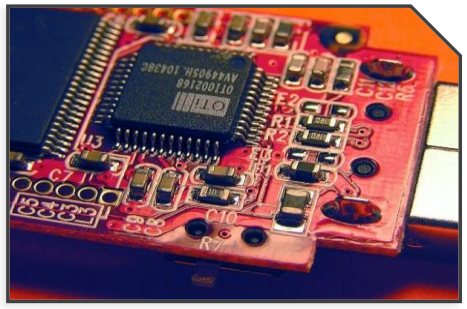
- Serves as a barrier that protects OLED and QD materials from moisture and oxygen exposure.



IT Chemical material (OC, OLED Encapsulation)

Enhancing Display Quality and Reducing Defects

- OC improves panel reliability by flattening the color filter surface within the panel, preventing process defects, and protecting RGB pixels.
- OLED encapsulation materials protect the emitting layers of flexible OLED panels from oxygen and moisture.



DFR (Dry Film Resist)

PET Essential Material for High-Density Miniaturization

- A PET film-based material used in PCB circuit patterning processes, leveraging properties that change upon exposure to specific light wavelengths.
- Applied in PCB (Printed Circuit Boards), lead frames, semiconductor packaging, and BGA pattern formations.

2 Business Areas Chemical



Hydrocarbon Resin

High-Value Specialty Material

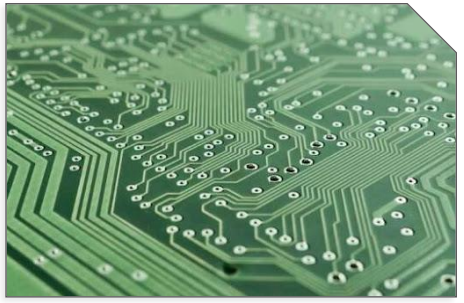
- An essential additive that determines the performance of adhesives.
- Used in road marking paints, hygiene adhesives, tire adhesives, durability enhancers, office tapes, printing inks, and electrical cables.



Phenol Resin

Heat-Resistant, Chemical-Resistant, and Electrically Insulating Material

- Offers excellent heat resistance, chemical resistance, mechanical strength, and electrical insulation, enhancing product durability and performance.
- Applied in tires, paints, electronic materials, construction materials, coatings, adhesives, and inks.



Epoxy Resin

Material for Electronic Circuits and Specialty Paints

- Provides superior electrical properties, water resistance, chemical resistance, and storage stability to enhance product performance.
- Used in electronic materials, coatings, and sports equipment, combined with hardeners.

2 Business Areas FnC



Fashion

A Diverse Lineup from Outdoor to Luxury

- Offers a well-balanced portfolio ranging from South Korea's leading outdoor brand, Kolon Sport, to golf, contemporary, unisex casual, and international luxury brands.
- We are expanding into global markets, while also developing a differentiated workwear brand.



Retail

Optimized E-Commerce and Integrated Logistics Center

- The online platform 'Kolon Mall' recommends over 600 brands in fashion, beauty, and lifestyle based on customer data, while 'The Cart Golf' curates golf and sports-related content.
- We operated South Korea's first container mall as a street-style select shop and are providing fully optimized infrastructure for brand operations through an integrated online and offline logistics center.



Sustainability

Structuring Circular Fashion with RE;CODE

- Launched Korea's first upcycling fashion brand, RE;CODE, recognized as a leading example of ESG-driven fashion management.
- We are leading circular fashion by repurposing discarded clothing materials through the 'Circular Factory.'

2 Main Subsidiaries

KOLON ENP

Engineering Plastic(PA, PBT, POM) specialized company

- Possesses a complete production system from raw materials to high-performance compound products, supplying EP materials to over 90 countries worldwide.
- Established ‘Kolon BASF innoPOM,’ a joint venture with BASF, creating the world's largest single-scale POM production complex. Advancing as a ‘Global Major Player’ in high-tech materials through ongoing expansion.



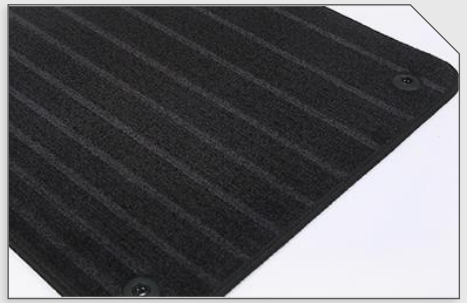


Website: www.kolonenp.com

KOLON GLOTECH

Automotive Floor Mats and Premium Artificial Turf

- Produces car mats, floor mats, and artificial turf with proprietary technology, maintaining a systematic production process and obtaining various quality certifications.
- Artificial turf products are internationally certified by ITF and FIH, recognized as top-tier products globally, including selection as Korea’s World-Class Product in 2009.





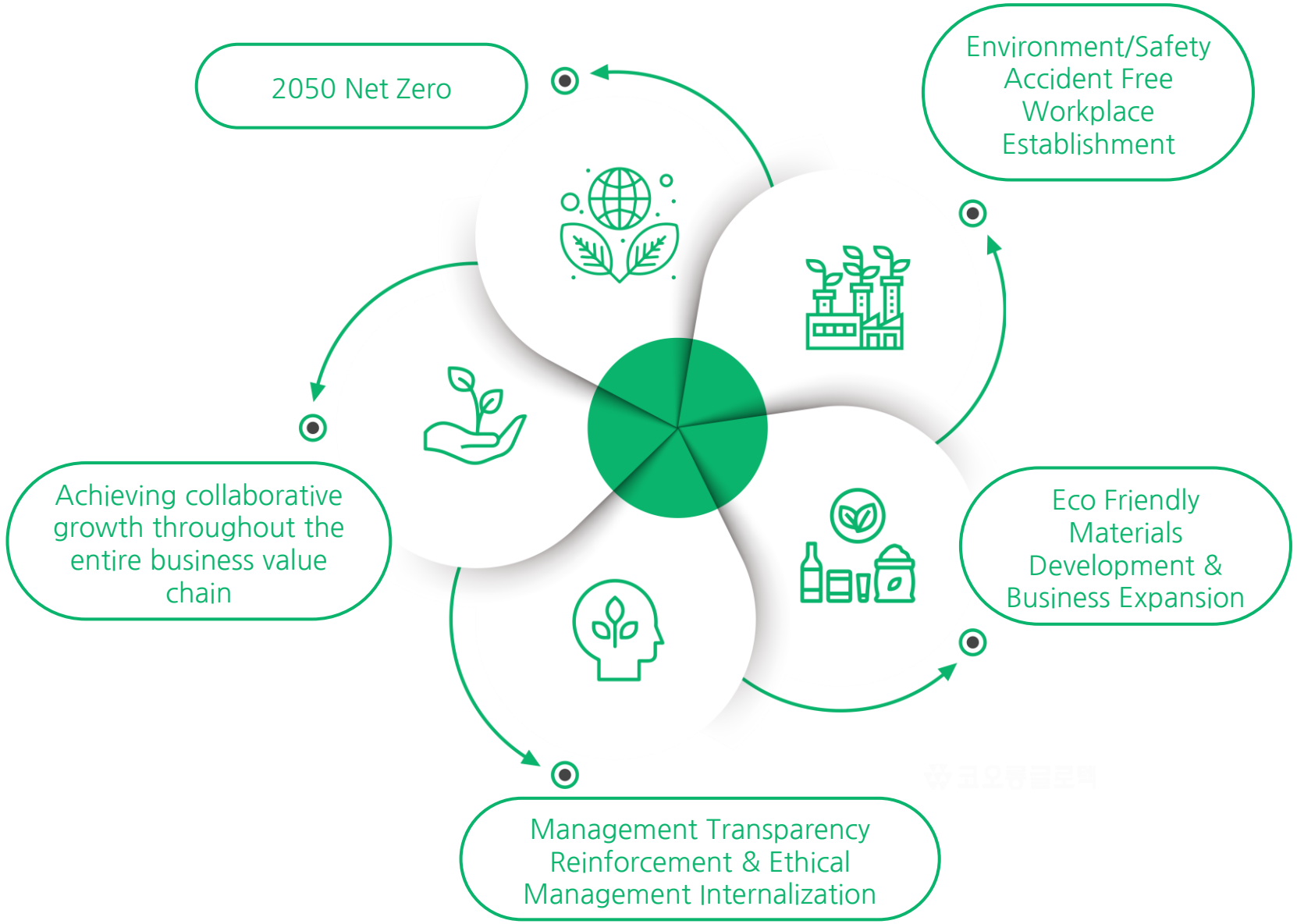
Website: www.kolonglotech.co.kr

3 Sustainability ESG Strategy

ESG Management

Core Strategies

We established the ‘ESG Management Policy’ to participate in the challenge of humankind for a sustainable future with a strong sense of mission and internalize ESG to practice reliable sustainability management.



3 Sustainability ESG Practices

Commitment to Society

We are dedicated to fulfilling our social responsibilities with Kolon group as a trusted corporate citizen. Beyond meeting obligations, we proactively locate and address social needs through various initiatives.

Eco-life



Eco-friendly Living For a Sustainable Society

- Eco-friendly Energy Experience Class ‘Eco Long Long’
- FnC Upcycling brand ‘RE;CODE’
- FnC Animal and Plant Protection Campaign, ‘epigram’, Noah project of KOLON Sport.

Future-life



Nurturing the Next Generation of Talent and Providing Opportunities for Growth

- Scholarship project of the Public Interest Foundation
- Support for children from multicultural families
- Urban playground improvement project

Culture-life



Supporting Arts and Culture and Sports that Inspire Our Lives

- Operating ‘Space K’
- Suupporting marathon and archery teams
- FnC Culture and art support, SERIES: Warm Heart Campaign

Share-life



Improving Welfare of the Underpriviledged and Realizing a World where People Live Together

- ‘A Happy World’ Campaign
- KOLON Social Volunteer Corps
- KOLON Family Volunteer Corps
- Dream Partners Week
- Blood Donation Campaign

3 Sustainability ESG Performance

Responsible ESG Efforts

We expand a management philosophy centered on revolutionizing customers' lifestyles by providing products and services that improve everyday life.



EcoVadis gold rating for 4 consecutive years



Established Carbon Neutral Strategies and Roadmap

Established ESG Management Strategies and Roadmap

Running Eco-Friendly Businesses (Biodegradable Plastic, Hydrogen Fuel Cell, etc.)