



Leading with **Science**
for **Sustainability**

LG Chem

*We***ConnectScience**



Contents

Introduction of LG Chem

- 01 — Introduction of LG Group
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- 03 — Business of LG Chem

LG Group | History

1947



Established as
Lucky Chemical
Industrial Co.
(now LG Chem)

1958



Established as
Goldstar Co.
(now LG Electronics)

1987



Completed
'Lucky Gold Star Tower'

1995



Established as a New
Corporate Identity
(Lucky Goldstar → LG)

1996



Established as
LG Telecom
(now LG U+)

2003



Established as
LG Corp.

2017



LG Group's 70th
Anniversary

2021



LG Group spined-off
LX Group

Chemicals



LG Chem
LG Energy Solution
LG Household & Healthcare
etc.



Affiliates

63

*Overseas Corporations 350 (Approx.)

Electronics



LG Electronics
LG Display
LG Innotek
etc.



Workforce(Worldwide)

280,000 (Approx.)

Telecommunications & services



LG U+
LG CNS
LG Sports
etc.



Annual Revenue

USD 120.8bn (Approx.)

Sustainable Innovation for a Better Life

Chemicals



ABS Plastics
Global No.1



Life Sciences
Domestic 1st New Drugs
U.S FDA Approval



Battery for EV
Global No.1 (by Contract Size)



Cosmetics
Domestic No.1

Electronics



Large OLED TV Panel / Rollable TV
World's 1st Global No.1



Home Appliance
Domestic 1st (W/M, REF, A/C)



Automotive Display
Global No.1

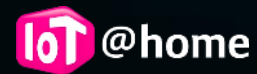


Smartphone Camera
/3D Sensing Module
Global No.1

Telecommunications & services



5G Network
World's 1st



Home IoT
Domestic No.1

Platform Business



Since its founding, LG Chem is vigorously moving forward towards a sustainable future



1947 - 1999

- 1947** Established as Lucky Chemical Industrial Corporation
- 1969** Listed on Korea Stock Exchange
- 1974** Renamed as Lucky Corporation
- 1976** Completed construction of Yeosu PVC Resin Plant
- 1979** Opened Daedeok Central R&D Center
- 1991** Developed the world's first 4th-generation cephalosporin antibiotics
- 1995** Renamed as LG Chem, Ltd.
Completed construction of Tianjin PVC plant in China

2000 - 2009

- 2001** Spinned off business entities (LGCI, LG Chem, LG Household & Healthcare)
- 2003** Acquired Hyundai Petrochemicals
Factive became first Korean new drug to receive U.S. FDA approval
- 2004** Developed the world's first nanotechnology-applied new EP material
- 2005** Established LG Chem (China) Investment Co., Ltd.
Established a sales subsidiary in Europe (in Germany)
- 2007** Merged with LG Petrochemicals Co., Ltd
- 2008** Developed Korea's first metallocene-based elastomer
- 2009** Spinned off Industrial Materials Business (now LX Hausys)

2010 - 2022

- 2016** Acquired Dongbu Farm Hannong (Farm Hannong)
- 2017** Merged with LG Life Sciences Co., Ltd.
- 2019** Completed construction of Korea's largest petrochemical tech center (in Osan)
Opened the Global Innovation Center in the bio sector (in Boston)
Spinned-off battery business (now LG Energy Solution)
- 2020** Acquired separator business
- 2021** Started construction of Cathode Material Plant for Gumi-type jobs (LG BCM)
- 2022** Established a separator joint venture with Toray in Hungary

2019 : First Korean
Chemical Company in

GLOBAL TOP 10

* Source: Chemical & Engineering News, American Chemical Society)



Top 10 Most Valuable Brands

1	 BASF We create chemistry	—	2021 : \$8.3bn 2020 : \$7.3bn	+15%
2	 سابك sabik	▲ 1	2021 : \$4.7bn 2020 : \$4.0bn	+16%
3	 LG Chem	▲ 1	2021 : \$4.3bn 2020 : \$3.6bn	+19%
4	 DOW	▼ 1	2021 : \$4.3bn 2020 : \$3.7bn	+15%
5	 Linde	—	2021 : \$3.6bn 2020 : \$2.7bn	+34%
6	 lyondellbasell	—	2021 : \$3.0bn 2020 : \$2.3bn	+33%
7	AsahiKASEI	—	2021 : \$2.3bn 2020 : \$2.1bn	+9%
8	 ShinEtsu	NEW	2021 : \$2.3bn 2020 : \$1.6bn	+43%
9	 MITSUBISHI CHEMICAL	—	2021 : \$2.1bn 2020 : \$1.9bn	+14%
10	 RONGSHENG	NEW	2021 : \$2.1bn 2020 : \$1.4bn	+55%

Brand value of
chemical companies

"Global No.3"

* Source: Brand Finance Group, U.K.

Prospering In the pandemic **TOP 100**

* Source: Financial Times, 2020



To achieve our vision, “**We Connect Science to Life for a Better Future,**”
LG Chem will become **Top Global Science Company** that leads with **Science for Sustainability.**

WeConnect**Science** to life for a Better Future



Leading with Science for Sustainability.

LG Chem Sustainability Roadmap

Through the implementation of our sustainability strategy,
we will **secure future growth engines and enhance ESG competitiveness.**

LG Chem Innovative Sustainability



* LG Chem's top priority

Carbon-neutral growth by 2030, Net-Zero by 2050



Accelerate decarbonization

Convert to low-carbon fuel
by introducing hydrogen
and eco-friendly raw materials

Convert 100% to renewable energy

Offset carbon emissions



Strengthen competitiveness of low-carbon products through LCA

To be applied
To all Korean/overseas products in 2023



Become a global leader in climate response

The first and only Asian member of
WEF Alliance of CEO Climate Leaders

*Alliance of CEO Climate Leaders : Climate alliance with over 30 corporate CEOs and government officials worldwide

Towards Top Global Science Company



Sustainable business centered around eco-friendly materials

Accelerate development of bio materials

Establish circular economy
of waste plastics

Foster renewable energy material business



Battery material-oriented e-Mobility

Produce first-rate cathode
materials in the world

Expand core material business
for secondary batteries

Reinforce R&D for
next-gen battery materials



World-class innovative drug development

Expand domestic top-level pipelines

Develop global clinical trials
and accelerate business

Bolster investment in R&D
for new drug development



Eco-friendly Material Brand LETZero

A compound word of "Let" and "Zero," which means "to turn harmful substances to the environment and the net increase in carbon emissions into zero."

LETZero Product Line

Recycle



PCR ABS

Electrical/electronic products, automobiles, construction materials, etc.



PCR PC, PCR PC/ABS

Electrical/electronic products, automobiles, industrial materials, building materials



PCR PP, PCR PE

Packaging materials, medical instruments



Bio-circular balanced SAP

Diapers, menstrual pads



Bio-circular balanced NPG

Paint, PET film, coating agents, adhesives, UPR



Bio-circular balanced IPA

Semiconductor/LCD manufacturing detergent, paint, pharmaceuticals, and cosmetics



Bio-based PA56

Electrical/electronic products, automobiles, Fiber

⋮



PLA

Packaging materials, film, 3d printing



PLH

Disposable bags and gloves



PBAT

Agricultural film, packaging materials

LETZero Certification



Royal Botanic Toothpaste by LG Household & Health Care with LETZero Certification



PCR (Post Consumer Recycled)
Bus stop built , remote control
With PCR materials

Towards Top Global Science Company



Foster bioplastics and low-carbon technology

Mechanical/chemical recycling technologies

Develop and commercialize biodegradable plastics

CO2 capture/utilization technology



Improve battery performance and safety Develop next-gen battery materials

Develop single-crystal cathode materials

Develop new materials for separators /pure silicon electrode materials

Material technology for all-solid-state batteries



Gain leadership in cancer /autoimmune diseases, diabetes /metabolic diseases

Accelerate global clinical development for new drug projects, e. g., gout, NASH, and obesity

Implement multi-modality strategies for cell/gene therapy

* Various approach to drugs

LG Chem | R&D Status

* Included Subsidiaries

R&D Expense

Unit : Million USD



R&D Workforce

Unit : Person

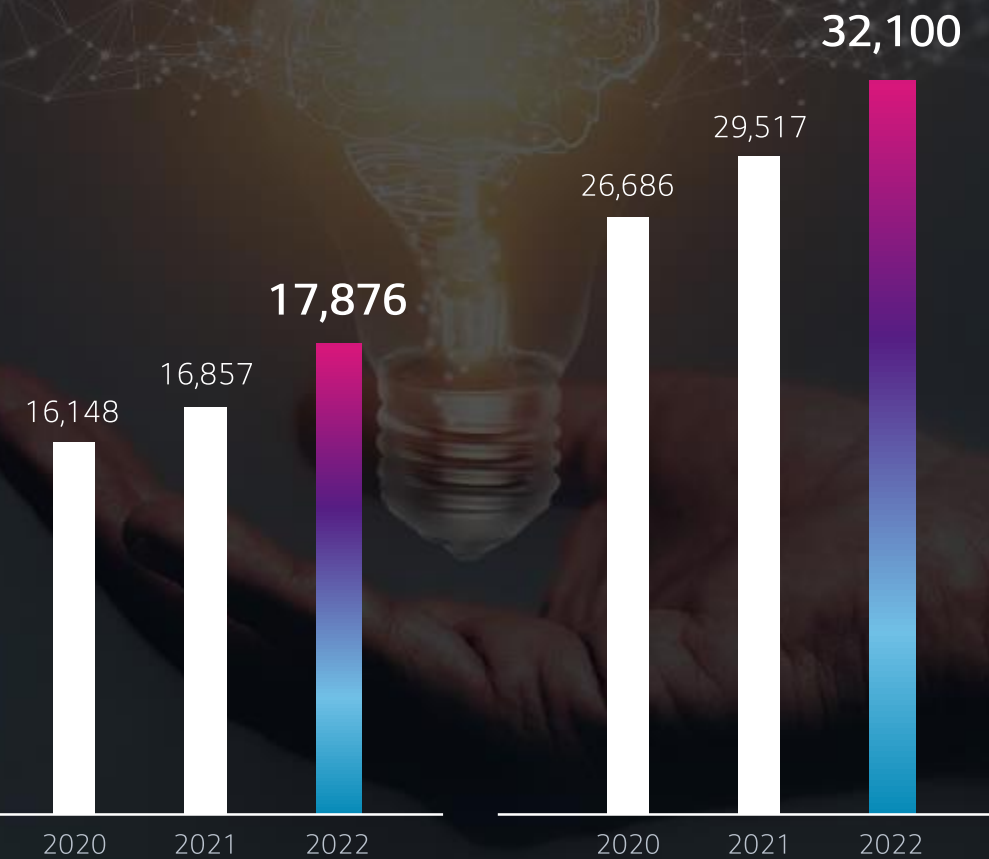


Intellectual Properties (Patents & Trademarks)

Unit : Number of registrations

| Domestic

| Overseas



LG Chem | Financial Results

* Included Subsidiaries



Sales in 2022

USD **40.2bn**
(Approx.)



Workforce

19,500 (Person)

Domestic 14,500 / Overseas 5,000



Sites of business

60

Domestic 17 / Overseas 43

Sales

(Unit : Billion USD)

Operating profit

(Unit : Billion USD)



LG Chem | Domestic Sites



Headquarter/R&D Campus Magok
(Est.1987/Est.2018)



Leadership Center / CS Center
(Est.1991/Est.2019)



R&D Campus Daejeon
(Est.1979)



Osong Plant (Est.2009)
Bio Similar, Vaccine



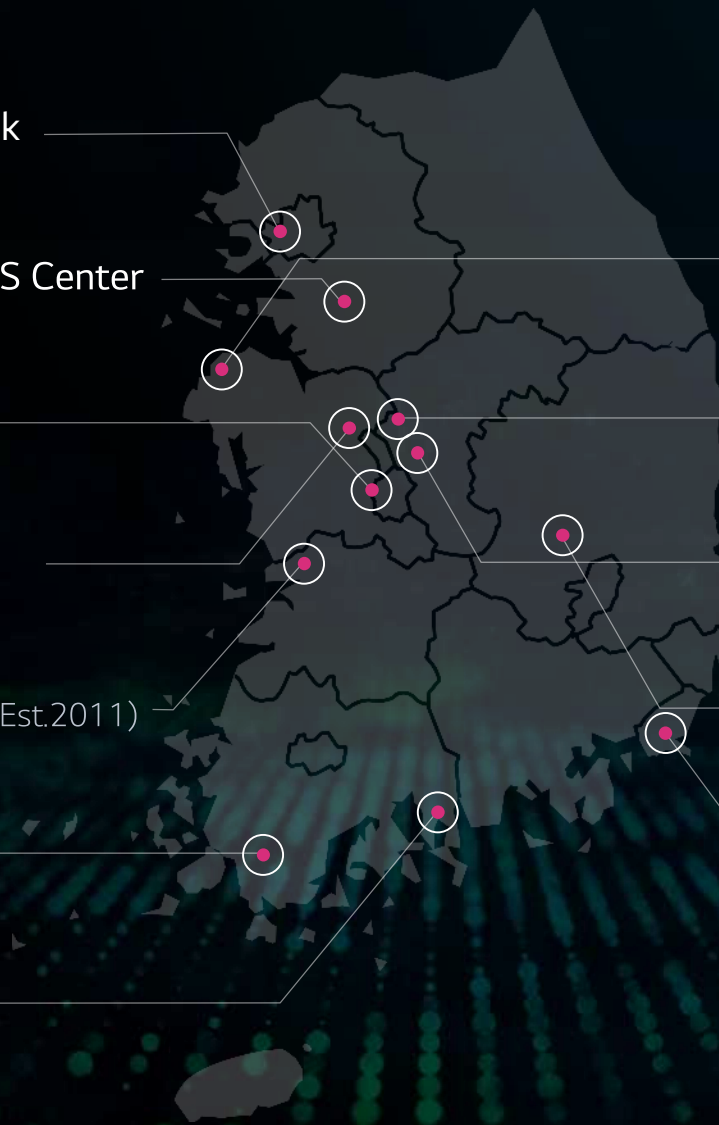
Iksan Plant(3)(Est.1991 / Est.1995/Est.2011)
EP, ABS / Pharmaceutical / Battery Materials



Naju Plant (Est.1984)
Octanol, Butanol, Plasticizers



Yeosu Complex (Est.1976)
NCC, PVC, ABS, SAP, PE, AA



Daesan Complex (Est.2005)
NCC, SSBR, PVC



Ochang Plant (Est.2005)
Stripper



Cheongju Complex(2)(Est.1980 / Est.2009)
OLED Material, Photoresist, Cathode Material,
RO membrane / Battery Separator



Gimcheon Plant (Est.2008)
SAP



Onsan Plant(Est.1979)
Fine Chemical



LG Chem | Overseas Sites



● Manufacturing Subsidiaries (20)

● Sales Subsidiaries (13)

● Regional Branch Offices (3)

● R&D Center (2)

○ Etc. (5)

Europe

- Wroclaw (Est.2005) – EP
- Warsaw
- Moscow
- Frankfurt
- Istanbul
- Komarom-Esztergom (Est. 2022) – Battery Separator

Asia

- ● Beijing (Est.2004)
- ● Tianjin (Est.2004) - EP (Est.2005) - PVC,VCM,EDC (Est.2009) - SBS
- ● Guangzhou (Est.2002) – EP (Est. 2018) – FSPM
- Chongqing (Est.2015) - EP
- ● Ningbo (Est.1996) - ABS, SBL, EP

- Huizhou (Est.2009) - ABS
- Wuxi (Est.2018) - Cathode Material
- Quzhou (Est.2018) - Precursor
- Hangzhou (Est.2021) - Display materials
- Taipei
- Tokyo
- Singapore

- ○ ● India (Est.1996)
- ● Haiphong (Est.2017) - Polarizer (Est.2018) - EP
- ● ● Ho Chi Minh (Est.1995) - Plasticizers
- Bangkok
- Jakarta
- Kuala Lumpur
- Pengerang

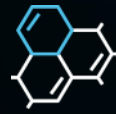
America

- Atlanta
- Boston
- Evansville (Est.2018) - Sealant
- Ohio (Est.2022) - ABS
- LA
- Sao Paulo
- Mexico City



Petrochemicals

- Sustainability
- Nexolution
- NCC / Polyolefins
- PVC / Plasticizers
- ABS
- Acrylates
- HPM(High Performance Materials)
- Catalyst



Advanced Materials

- Cathode Materials
- Battery Separator
- Engineering Materials
- IT Materials
- RO Filter



Life Sciences

- Primary Care
- Specialty Care
- Aesthetic

01

Introduction of LG Chem

Petrochemicals Company



Petrochemicals Company

Establishment (Year)

1976

Sales (\$) *As of 2022

17.5bn (Approx.)

Workforce (Person)

Domestic 6,660 / Overseas 2,294

Business Area

Petrochemical Products

- **2022** Launched Asia's first plant-based eco-friendly ABS
Signed a joint venture agreement to build an eco-friendly bioplastic plant with ADM in Illinois, US
- **2021** Acquired *ISCC for Korea's first eco-friendly (bio-circular balanced, Chemical Recycle) product. * ISCC (International Sustainability and Carbon Certification)
Launched digital CRM system LG Chem On
- **2019** Established the largest petrochemical tech center in Korea (Osan CS Center)
- **2015** Launched Hwanam Tech Center in Nanjing, China
- **2010** Acquired Dow Polycarbonate business
- **2007** Merged with LG Petrochemicals Co., Ltd.
- **2003** Acquired PVC Business of Hyundai Petrochemicals Co., Ltd.
- **1995 ~ 1998** Established Manufacturing Subsidiary in China / India / Vietnam (PVC, ABS)
- **1976** Completed construction of Yecheon PVC resin factory
Entry into the petrochemical business

Leading Business Sustainability with Eco-Friendly Materials

Promoting bio materials, recycling, and energy transition as future growth engines



Bio Materials

- About 50 bio products certified by ISCC Plus
- World's first mass production of bio-circular balanced SAP
- Launched Asia's first plant-based ABS
- Strengthened partnership to internalize bio materials production/development (e.g. joint venture with ADM)



Recycle

(Establish circular economy of waste plastics)

- Produce mechanical recycling products
- Establish mass production and chemical recycling system
- Establish Closed-Loop system of waste plastics



Energy Transition

(Discover new renewable energy materials)

- Produce high value-added products for solar panels
- Establish eco-friendly biomass power plant
- Establish CCU plant to produce blue hydrogen

Production Capacity (As of 1Q, 2023)

Unit : KTA

Ethylene	3,350	HDPE	550	Acrylic Acid	715
Propylene	1,980	LLDPE	600	IPA	205
BD	510	PP	380	NPG	175
BZ	900	LDPE/EVA	460	Synthetic Rubber	365
SM	520	PVC	1,280	Specialty Resin	335
BPA	505	Plasticizer	280	POE	280
ABS/SAN	2,290	Alcohol	300	CNT	2.9
PS	40	PC	170	SAP	500
EPS	90	NAOH	1,020	NBL	390



Sustainable Materials

LG Chem's key competitiveness is in sustainability business, a global mega-trend that includes renewable energy and biomaterials. Using biodegradable plastics, recycling, and biomaterials, we are reducing the generation of carbon during our manufacturing processes. POE, used as a heat-sealing sheet for solar power, and carbon nanotubes (CNT), the conductive additives for lithium-ion batteries, are critical materials for eco-friendly energy development.

Biodegradable(PLA, PLH, PBAT)
Recycle, Bio-circular balanced,
Renewable energy (POE, CNT)



Applications



Mulching Film



Compostable Bag



Electronics housing



Solar power film



lithium-ion batteries



Conductive Plastics

Nexolution materials

LG Chem is working ceaselessly to develop new functional materials with high technology barriers. Our super absorbent polymer (SAP), a highly absorbent resin used in diapers and feminine hygiene products, acquired the world's first ISCC+ certification using plant-based materials, and our NBR latex, used in medical and industrial gloves, is recognized for the world's highest quality with excellent tensile strength and chemical resistance. Aerogel is an effective insulant with high durability used in industrial applications such as plant piping.

SAP, NBR Latex,
Aerogel



Applications



Diapers



Diapers for Seniors



Medical Gloves



Industrial Gloves



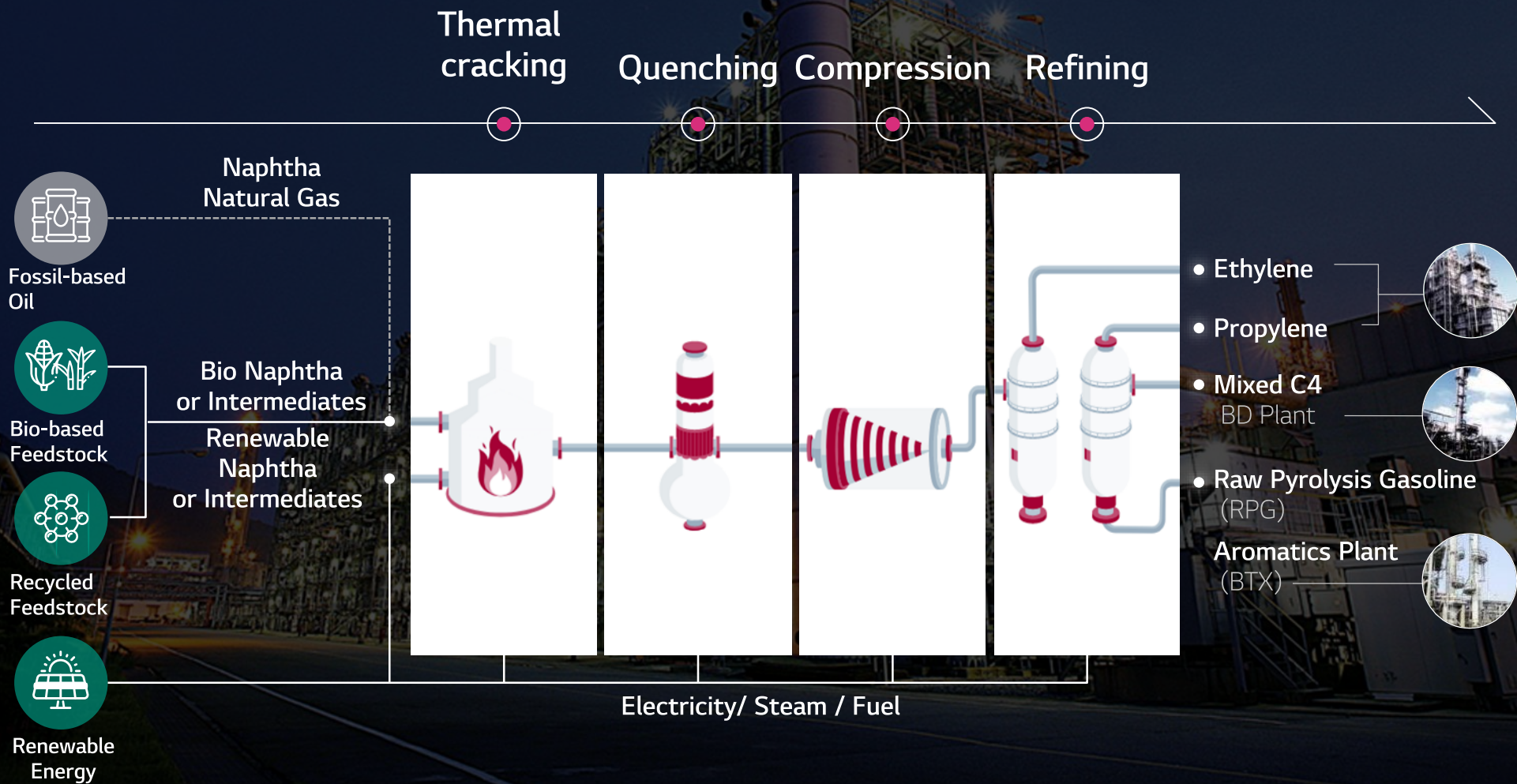
Petrochemical Plant Insulant



Marine Plant Insulant

Naphtha Cracking Center (NCC)

NCC (Naphtha Cracking Center) is a process for producing base oils for petrochemical products, such as ethylene and propylene. They are supplied as raw materials for various products such as PO, synthetic rubber, and ABS. In addition to achieving the world's highest energy efficiency, LG Chem discovers and supplies alternative raw materials such as bio-materials and pyrolysis oil from waste plastic to reduce carbon, and develops various technologies for renewable energy and carbon capture for the eco-friendly conversion of our petrochemical plants.



Polyolefin (PO)

PE (polyethylene) and PP (polypropylene) are general-purpose plastics that are used in everyday life, used to make containers, packaging, and medical equipment. After use, discarded products transform into PCR PE and PCR PP through LG Chem's mechanical recycling technology, used to produce packing film and containers.

LD, LLD, HD, EVA



Applications



Medical equipment



Ondol pipes



product containers



Cable insulators



Packaging film



Automotive interior
and exterior parts

PVC / plasticizers

PVC (polyvinyl chloride) is a material used in flooring, window frames, and building materials, characterized by excellent thermal insulation and durability.

LG Chem supplies PVC made from renewable plant-based materials.

Plasticizers give flexibility to PVC, and caustic soda is used in a variety of advanced industries such as wastewater neutralization and manufacturing of cathode materials.

PC (polycarbonate) has excellent impact resistance and heat resistance properties and is used in home appliance housings and automotive materials.

PVC, caustic soda,
plasticizers, alcohol, PC



Applications



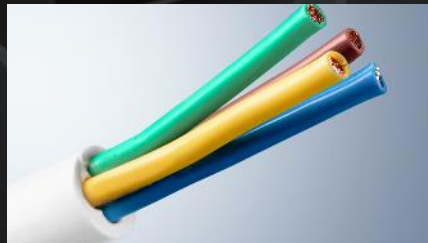
Sashes



Flooring



Pipes



Cable sheath



Cathode materials



Car headlamps

Acrylonitrile Butadiene Styrene (ABS)

Acrylonitrile Butadiene Styrene (ABS) is a highly functional material mainly used in automobiles, home appliances, and IT devices for its excellent heat resistance, shock absorbance, and processability. LG Chem provides differentiated solutions to our customers, from producing chemical industry's very first white-colored PCR ABS and Asia's first eco-friendly ABS made of plant-based materials.

ABS, PCR-ABS,
SAN, PS, EPS



Applications



Electronics housing



Automotive interior/
exterior materials



Building materials



Toys



Product containers



Recycle Materials(PCR)

Acrylates

LG Chem is the only manufacturer of acrylic acid, IPA, and NPG in Korea, and produces high-quality products based on proprietary technology.

Mainly used in paints, plasticizers, and SAP, Acrylates have a myriad of applications in various fields for its excellent chemical reactions.

IPA is a semiconductor cleaning agent with the highest level of purity, and NPG is a highly favored eco-friendly material used to make powder coating.

Acrylates, IPA, NPG



Applications



SAP Resin



Semiconductor cleaning agent



Eco-friendly powder coating



Paint



Hand Sanitizers



Bathroom Appliances

High Performance Materials (HPM)

Synthetic rubber is used to produce automotive tires and golf balls.

Methacrylate Butadiene Styrene (MBS) is used as an additive for impact reinforcement agents and for enhancing adhesion with other resins in bio plastic compounds.

Styrene Butadiene Styrene (SBS) is used as a modifying agent for asphalt and a special additive that imparts various functions.

Rubber, SBS, MBS



Applications



Asphalt modifiers



Golf balls



Shoes



Impact modifiers



Bio degradable



Asphalt

Catalyst

Catalysts are the core technology for various petrochemical processes. We are the Korea's first and world's fourth company to independently develop catalysts for acrylic acid production. Polymer catalysts are used to manufacture metallocene polyolefins and functional chemical materials. We provide tailored solutions to customers with exceptional technology.

Process Catalyst, Polymer Catalyst



Applications



Acrylic acid



CNT



BD



mPO(PE/PP)



POE

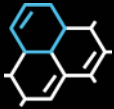


Synthetic rubber

02

Introduction of LG Chem

Advanced Materials Company



Advanced Materials Company

Establishment (Year)

1999

Sales (\$) * As of 2022

6.4bn (Approx.)

Workforce (Person)

Domestic 4,049 / Overseas 2,217

Business Area

Battery Materials,
Engineering Materials,
IT Materials

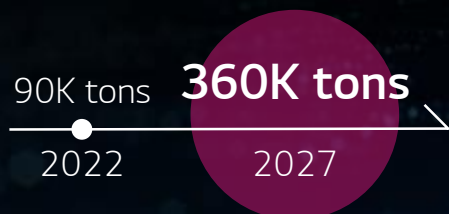
- **2022** Established a cathode material joint venture with B&M, a subsidiary of Zhejiang Huayou Cobalt Co., Ltd. (Gumi)
Established a separator joint venture LG-Toray
- **2021** Commercialized battery separators
(Acquired separator business from LG Electronics, established LG-Toray J/V in Hungary)
- **2019** Reorganized Advanced Materials Company
(to provide customized solutions in high-performance materials)
- **2018** Established Chinese joint venture for manufacturing Precursor and cathode material
- **2016** Acquired GS E&M, a renowned cathode manufacturer
- **2006** Commercialization of battery materials (cathode material, electrolyte)
- **2003** Established IT&E Manufacturing Subsidiary in Nanjing, China
- **2000 ~ 2004** Commercialized LCD, OLED, Process materials
- **2000** First to develop PDP fluorescent substance in Korea.

Towards World's Top Comprehensive Battery Materials Company



Global Top Tier Cathode Materials

- Strengthen metal competitiveness through owning mines and strategic cooperation with smelting and refining companies
- Develop leadership in high capacity and cost-innovative technology
- Expand business sites worldwide



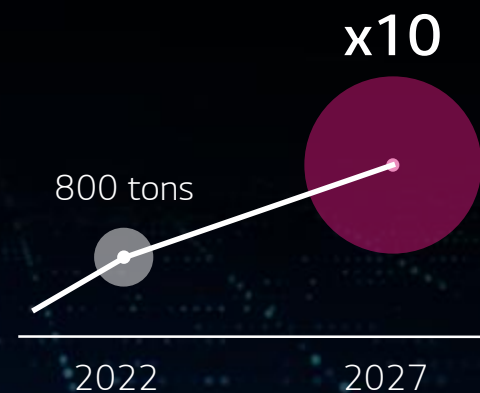
Separator Business

- Initiated the development of next-generation high-safety separators
- Established a global production base in Poland (2021) and Hungary (2022)



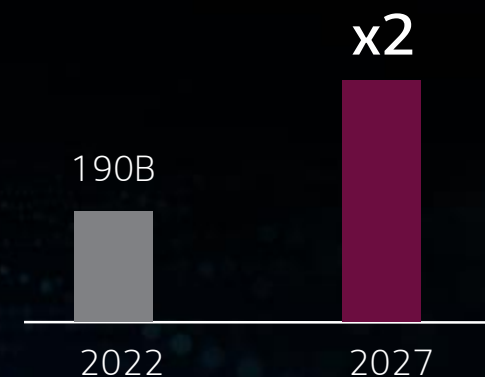
CNT Capacity Expanded Over 10x

- Bolster market leadership in battery conducting materials



Focused Resources for R&D

- Differentiate technology and gain market leadership



Battery Materials

In addition to cathode binders and dispersants, LG Chem is producing over 10 types of battery materials, including cathode materials and separators, which are core materials for secondary batteries. We are also bolstering R&D across a wide range of fields, such as developing new materials for the technological advances in the next-generation batteries. LG Chem will continue to strive to become the world's No. 1 comprehensive battery materials company with the highest level of safety and competitiveness.

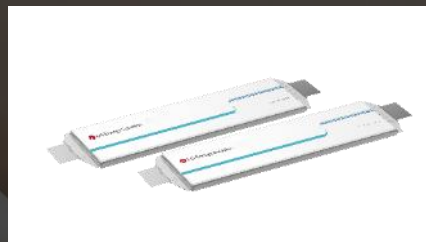
Cathode materials, separators,
anode binders and CNT



Applications



Mobility & IT batteries



Automotive batteries



ESS batteries

Major Customers



Engineering materials

In mega trends such as e-mobility and sustainability, LG Chem is striving to create world no. 1 products by producing high-strength, lightweight automotive materials and eco-friendly PCR materials that are optimized for customer products and processes.

EPC, TPEE,
Specialty Compound



Applications



Automotive interior and
exterior materials



Engine parts



Recycled materials(PCR)

Major Customers



IT Materials

LG Chem produces light-emitting materials and various high-functional film materials for OLED, which are critical for IT devices, as well as materials for the back-end process of manufacturing semiconductors.

OLED Materials,
Display Materials,
Advanced semiconductor
Materials



Applications



OLED Display Materials



OLED TV



Board for Semiconductor
Packages

Major Customers



RO Filiter

LG Chem's seawater desalination and industrial RO filter is a water treatment filter that utilizes our proprietary Thin-Film Nanocomposite (TFN) nanotechnology.

This product is leading the global market with an unrivaled removal efficiency of 99.89%.

SW R/ES/ GR/SR



Applications



Seawater Desalination



Industrial Water



Wastewater Reuse

Major Customers



03

Introduction of LG Chem

Life Sciences Company



Life Sciences Company

Establishment (Year)

1984

Sales (\$) As of 2022

0.7bn (Approx.)

Workforce (Person)

Domestic 1,933 / Overseas 271

Business Area

Pharmaceuticals, Vaccines, Aesthetic

- **2022** Applied for global Phase III clinical trial for Tigulixostat (new drug for gout) in the US
- **2021** Established LG Jiansheng Life Science in China
Successfully completed Phase II clinical trial for new gout drug in the US
- **2019** Established Life Sciences Innovation Center in Boston, USA
- **2012** Developed 1st Korean diabetes medicine, 'Zemiglo'
- **2003** 1st Korean new chemical entity (NCE) approved by U.S. FDA (Factive)
- **1996** 1st Korean hepatitis B vaccine 'Euvax' approved by WHO PQ
- **1991** Developed World's first 4th generation Cephalosporin
- **1984** Start of pharmaceutical business
(Established Pharmaceuticals business division)
- **1961** Acquire of manufacturing license pharmaceuticals products

Toward a World-Class Innovative Drug Developer



**2 or more innovative
new drugs by 2030**



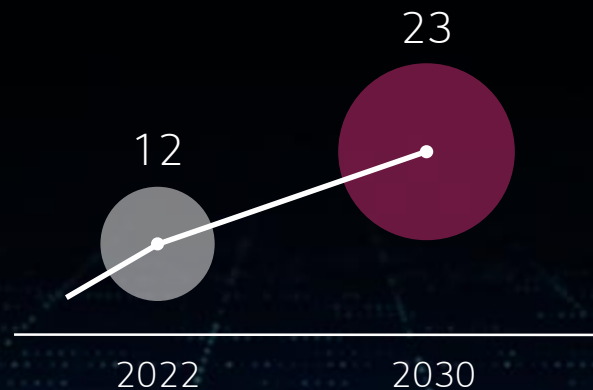
**Diabetes, metabolic diseases,
cancer, autoimmune diseases**

Expand new drug pipelines in clinical development stage



**Accelerate clinical developments
and business growth worldwide**

- First-rate pipelines in Korea
- Invest over USD 250mil in annual R&D
- Open innovation



- Reinforcing talent pool of clinical/regulatory specialists
- Increase overseas sales by 50%

Primary Care

LG Chem has developed Korea's first diabetes drug, Zemiglo, and arthritis drug, Synovian, increasing its competitiveness in Korea as well as overseas, and has expanded its efforts to develop new drugs and to collaborate with other companies through partnerships in the areas of diabetes and cardiovascular, musculoskeletal, and autoimmune diseases.

Representative Products



Diabetes (Zemiglo, Zemimet SR)



Cardiovascular Disease (Rovatitan)



Musculoskeletal Disease (Hyruan One)



Autoimmune Disease (Eucept)

Specialty Care

LG Chem is the first company in Korea that has successfully developed a growth hormone stimulator, and is also concentrating its R&D capabilities on treatments for special diseases.

LG Chem has been strengthening competitiveness in the global market with its WHO-approved hepatitis B and pentavalent combination (5-in-1) vaccine..

Representative Products



Grow Hormone (Eutropin S pen)



Ovulation Induction (Follitrope)



Pentavalent Combination (Eupenta)



Polio Vaccine (Eupolio)

Aesthetic

YVOIRE, the first hyaluronic acid filler developed with LG Chem's proprietary technology in Korea, is receiving attention for its superior product quality leading to expanding market share.

Representative Products



Y-SOLUTION, Global



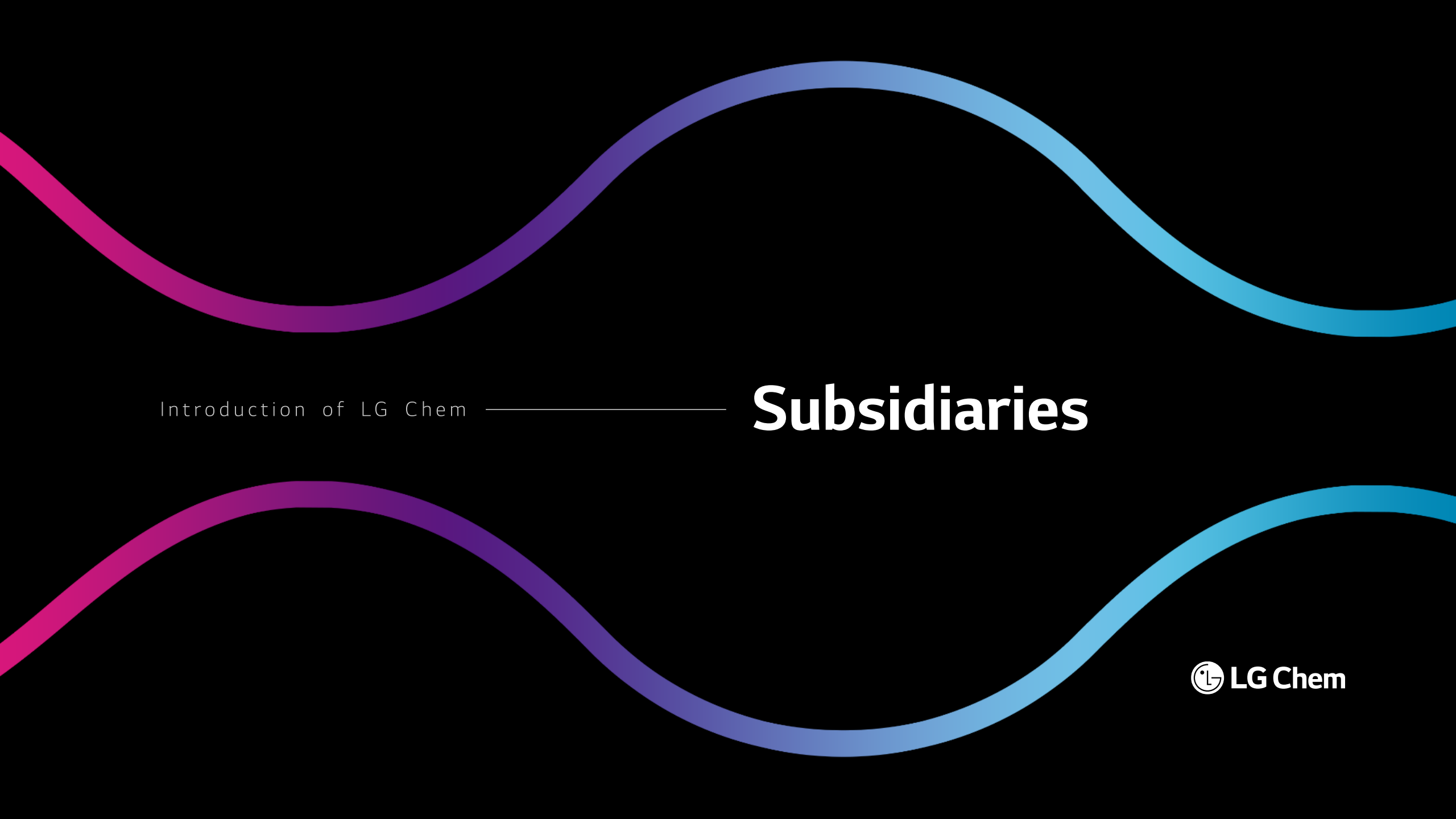
YVOIRE, Global



YVOIRE, China



Y-SOLUTION, China



Introduction of LG Chem

Subsidiaries



LG Energy Solution

LG Energy Solution embarked on a new journey as a global battery company when we became a separate entity from LG Chem's battery business in 2020.

We were the first to mass-produce lithium-ion batteries and supply them for electric vehicles, and have been offering a comprehensive portfolio of products related to automotive batteries.

LG Energy Solution also provides battery systems for ESS batteries in various applications, including power grids, residential and commercial use, and uninterruptible power supplies (UPS).



Automobile Battery



No. 1 in automotive battery
global market

Mobility & IT Battery



1st in Korea to successfully
mass produce small
lithium-ion batteries

ESS Battery



No. 1 in
ESS batteries globally



Farm Hannong

Farm Hannong, an LG Chem's affiliate, is the top domestic agricultural company —No. 1 in agricultural chemicals and No. 2 in the fertilizer and seed in the Korean Market—and aims to be a global leader in green agriculture and ICT industry technologies.

Farm Hannong

Crop Protection Products



No.1
domestic
market share

Fertilizer



No.2
domestic
market share

Seed



No. 2
domestic
market share

THANK YOU

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