



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

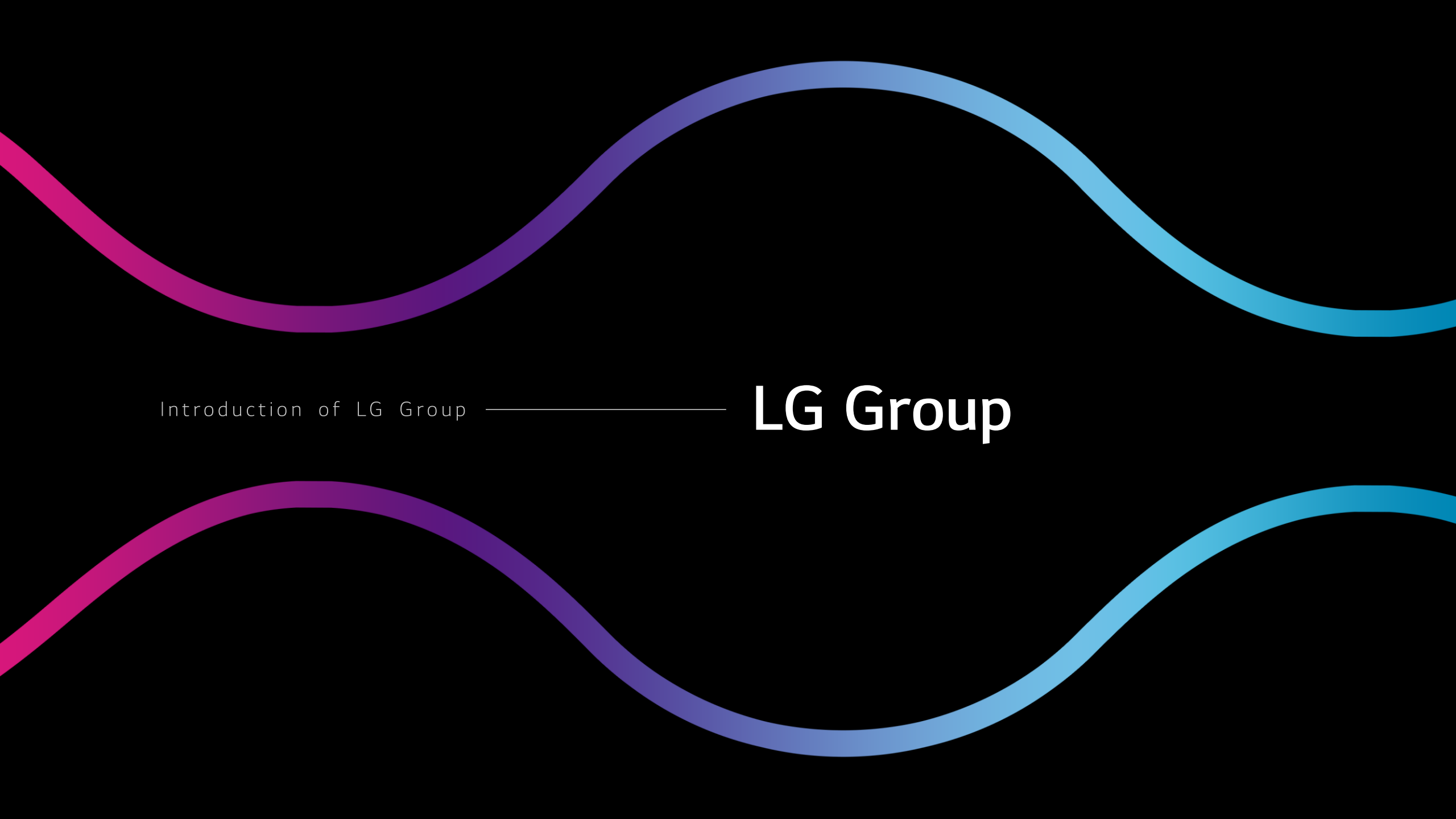
LG Chem

We **Connect** *Science*

Contents

Introduction of LG Chem

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



Introduction of LG Group

LG Group

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.

Electronics



LG Electronics
LG Display
LG Innotek
etc.

Telecommunications & services



LG U+
LG CNS
LG Sports
etc.



Affiliates

63

*Overseas Corporations 280(Approx.)



Workforce(Worldwide)

270,000 (Approx.)



Annual Revenue

USD 150bn (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 Global No.1



Automotive Display
Global No.1



Smartphone Camera
/3D Sensing Module
Global No.1

Telecommunications & services



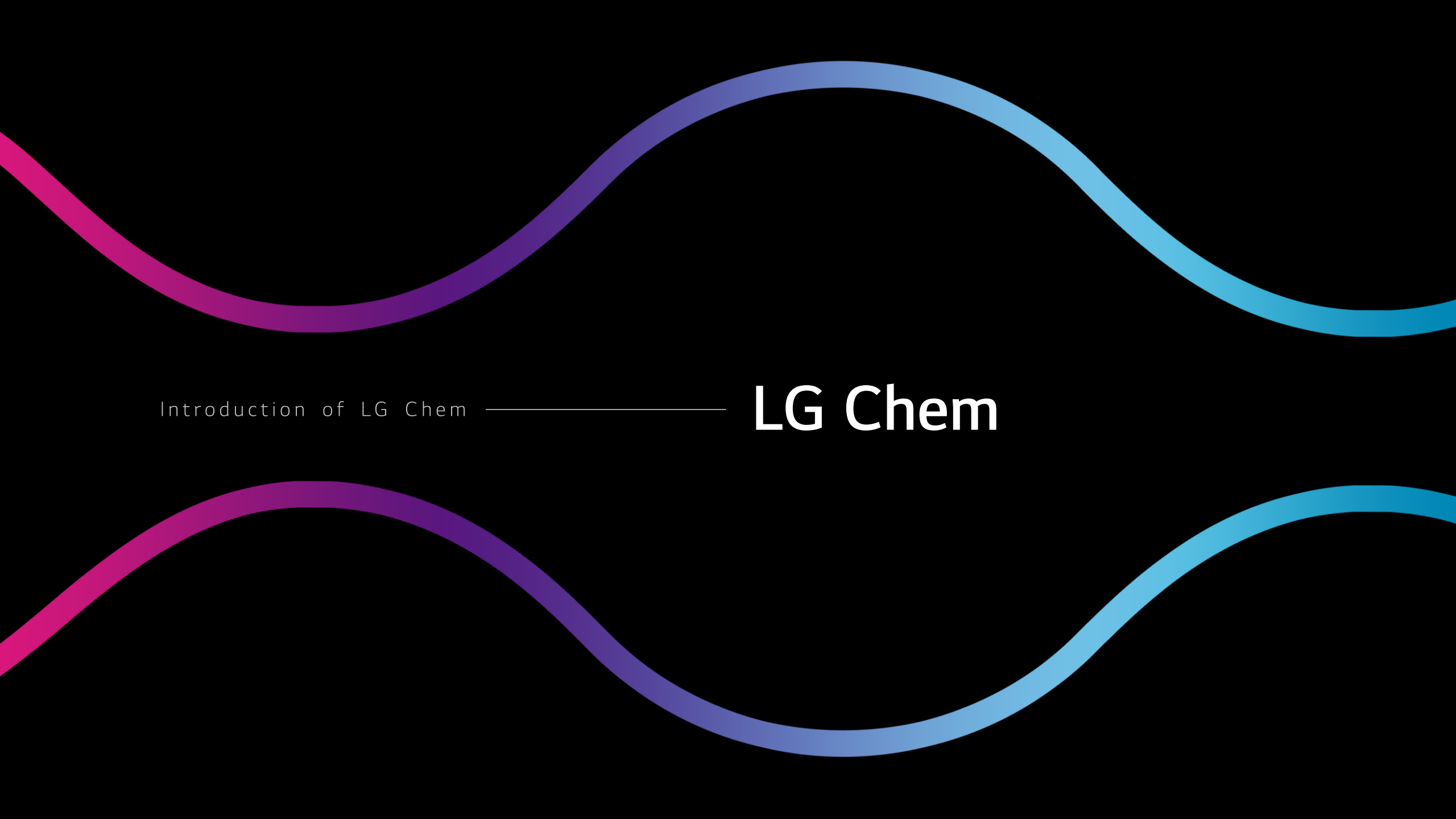
5G Network
World's 1st



Home IoT
Domestic No.1

Platform Business





Introduction of LG Chem

LG Chem

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 - 2023

- 2016** Acquired Dongbu Farm Hannong (Farm Hannong)
- 2017** Merged with LG Life Sciences Co., Ltd.
- 2020** Spinned-off battery business (now LG Energy Solution)
- 2021** Launched LETZero of Eco-friendly Materials brand
Acquired separator business
- 2022** Established a separator joint venture LG-Toray (in Hungary)
Established a Cathode Material joint venture LG-HY BCM (in Gumi)
- 2023** Acquired AVEO Oncology
Started construction of Cathode Material Plant (in Tennessee)

Top 10 Most Valuable Brands

1	 BASF We create chemistry	—	2023 : \$8.36bn 2022 : \$8.353bn	
2	 سابك SABIC	—	2023 : \$4.72bn 2022 : \$4.67bn	
3	 LG Chem	—	2023 : \$4.53bn 2022 : \$4.30bn	
4	 Dow	—	2023 : \$4.27bn 2022 : \$4.29bn	
5	 Linde	—	2023 : \$4.14bn 2022 : \$3.58bn	
6	 lyondellbasell	—	2023 : \$2.84bn 2022 : \$3.03bn	
7	 荣盛石化股份有限公司 RONGSHENG PETROCHEMICAL CO., LTD.	▲ 1	2023 : \$2.56bn 2022 : \$2.30bn	
8	 CORTEVA agriscience	▲ 3	2023 : \$2.31bn 2022 : \$1.88bn	
9	 Shin-Etsu	▲ 1	2023 : \$2.24bn 2022 : \$2.10bn	
10	 Nutrien	NEW	2023 : \$2.10bn 2022 : \$1.81bn	

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**.

We *Connect* Science to life for a Better Future



Leading with Science for Sustainability.

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

Towards Top Global Science Company

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



Acceleration of low-carbon transition

Expansion of eco-friendly product portfolio

Transition to renewable energy

Offset carbon emissions



Enhancement of competitive edge in low-carbon products

Introduction of new processes and expanded use of eco-friendly raw materials and fuels

Establishment of Scope 3 management system, measurement and supervision of suppliers' carbon footprints



Implementation of net-zero through partnerships

Demonstration of global leadership to combat climate change

Development of innovative technologies and a circular economy through cross-industry collaboration

Towards Top Global Science Company

Accelerate of Growth Engine Business



Sustainable business centered around eco-friendly materials

Accelerate development of bio materials

Establish circular economy of waste plastics

Foster renewable energy material business

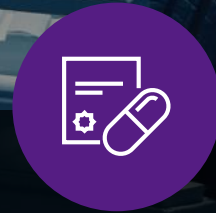


Towards World's Top Comprehensive Battery Materials Company

Produce first-rate cathode materials in the world

Expansion of higher value-added battery materials business

Reinforce R&D for next-gen battery materials



World-class innovative drug development

Enhancement in the quality of new drug pipeline

Develop global clinical trials and accelerate business

Bolster investment in R&D for new drug development

Towards Top Global Science Company

World-class Science company with strong R&D capability



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

Cost innovation in cathode material development

Development of flame-arresting materials

Development of next-generation materials (pure silicon, materials for all-solid-state batteries)



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

Acceleration of global clinical Development for major new drugs against gout and cancer

Multi-modality strategy : synthetic, bio, cellular therapeutics

* Various approach to drugs





Eco-friendly Materials 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

Produce the PCR materials by mechanical and chemical recycling enables the recycled waste plastics



PCR (Post Consumer Recycled)

ABS, PC, PC/ABS, PE, PP, PVC, Plasticizers
OBP(Ocean Bound Plastic)



Circular Balanced

ABS, PE, PP, PC, PC/ABS, IPA, NPG, Acrylates, PVC, NBL, BR....

Bio Material

Reduce fossil fuel consumption and carbon emission by incorporating raw materials in the manufacturing process



Bio-Based

Bio-PA, PLA



Bio-Circular Balanced

SAP, NPG, IPA, Acrylates, ABS, PC, PC/ABS, PE, PP, PVC, NBL, BR....

Compostable

Decompose within months in the ground through microbial action



Representative Materials

COMPOSTFUL™, PLA, PLH, PBS

LETZero Certification Mark



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



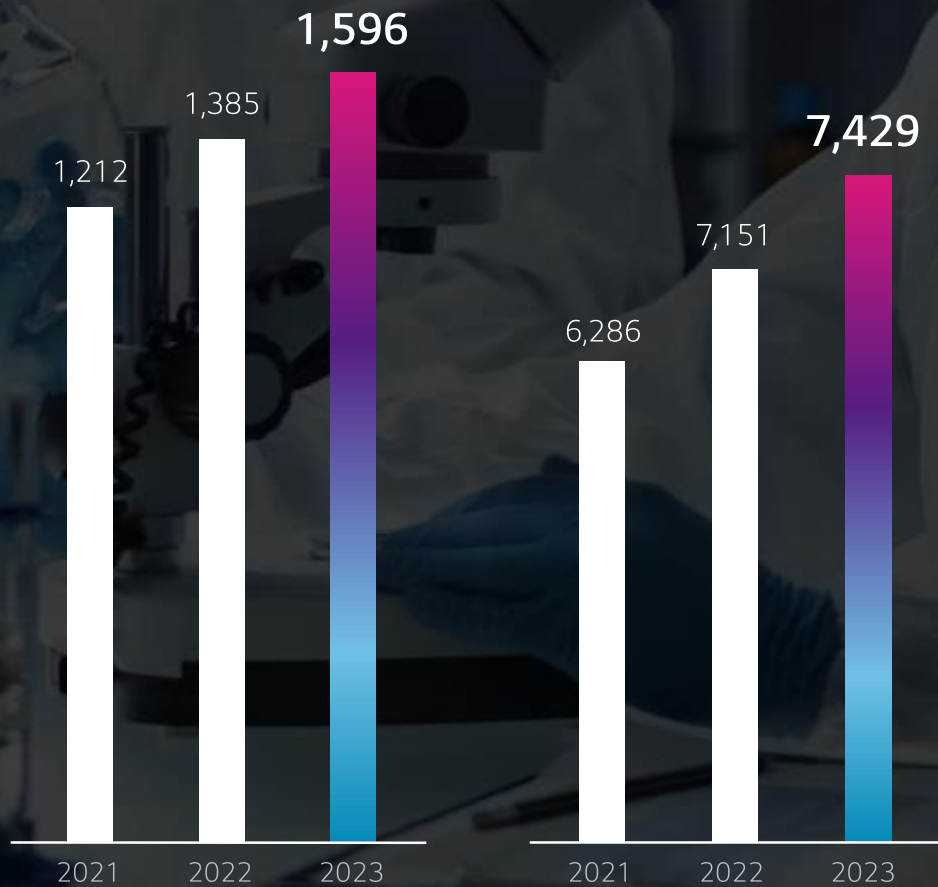
PCR (Post Consumer Recycled) Remote control with PCR materials

LG Chem | R&D Status

* Included Subsidiaries

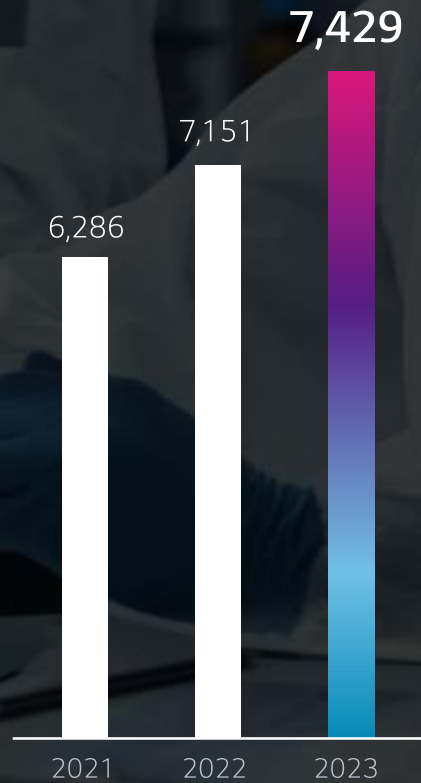
R&D Expense

Unit : Million USD



R&D Workforce

Unit : Person

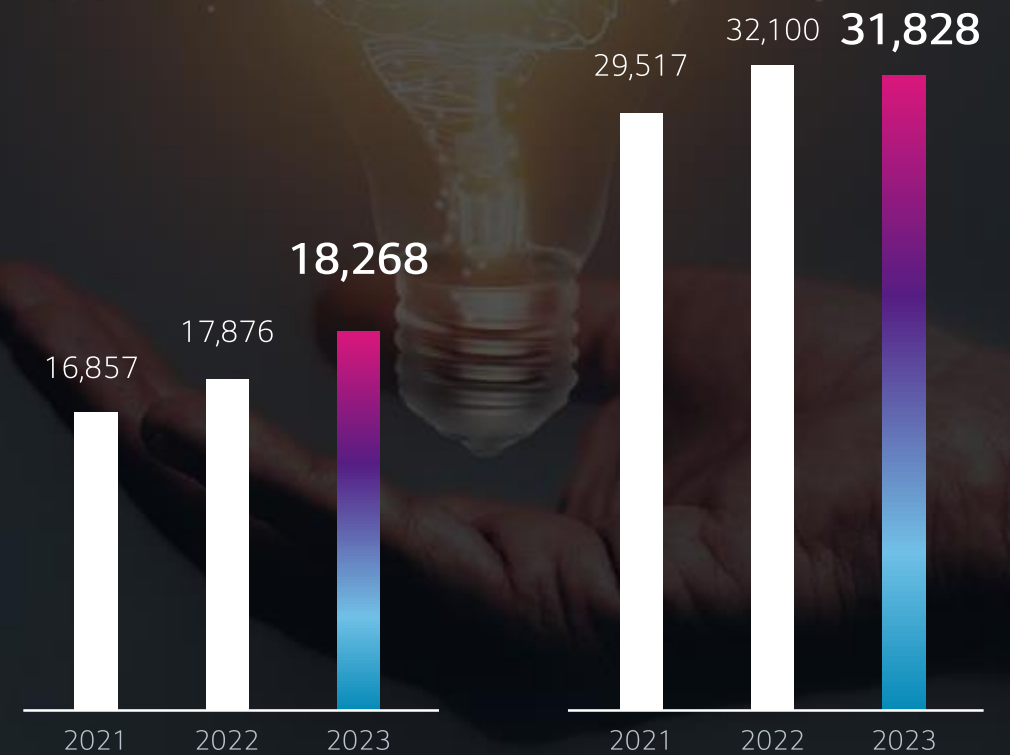


Intellectual Properties (Patents & Trademarks)

Unit : Number of registrations

| Domestic

| Overseas



LG Chem | Financial Results

* Included Subsidiaries



Sales in 2023

USD **42.3**bn
(Approx.)



Workforce

19,250 (Person)

Domestic 14,360 / Overseas 4,890



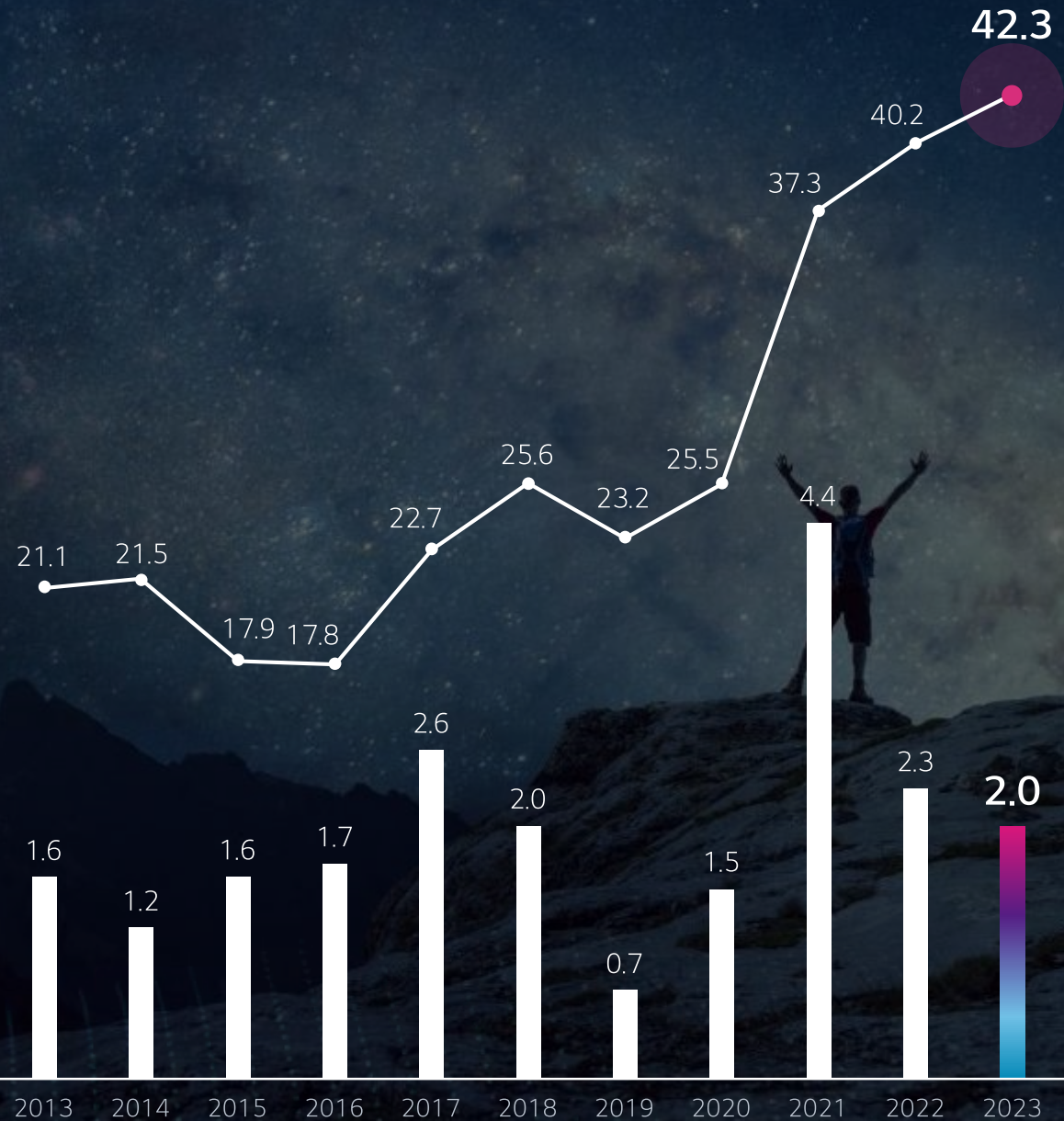
Sites of business

65

Domestic 17 / Overseas 48

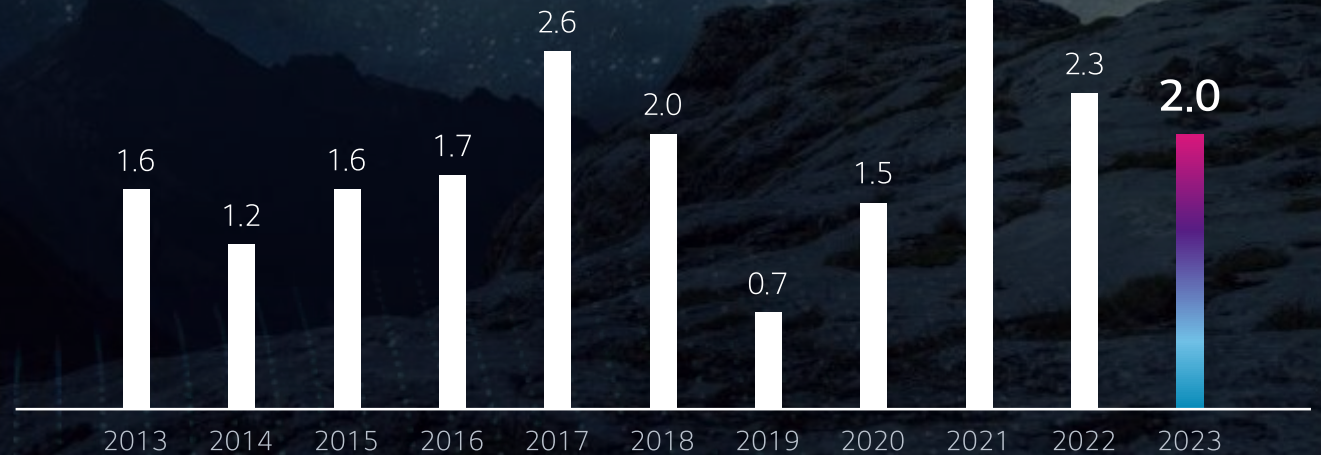
Sales

(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



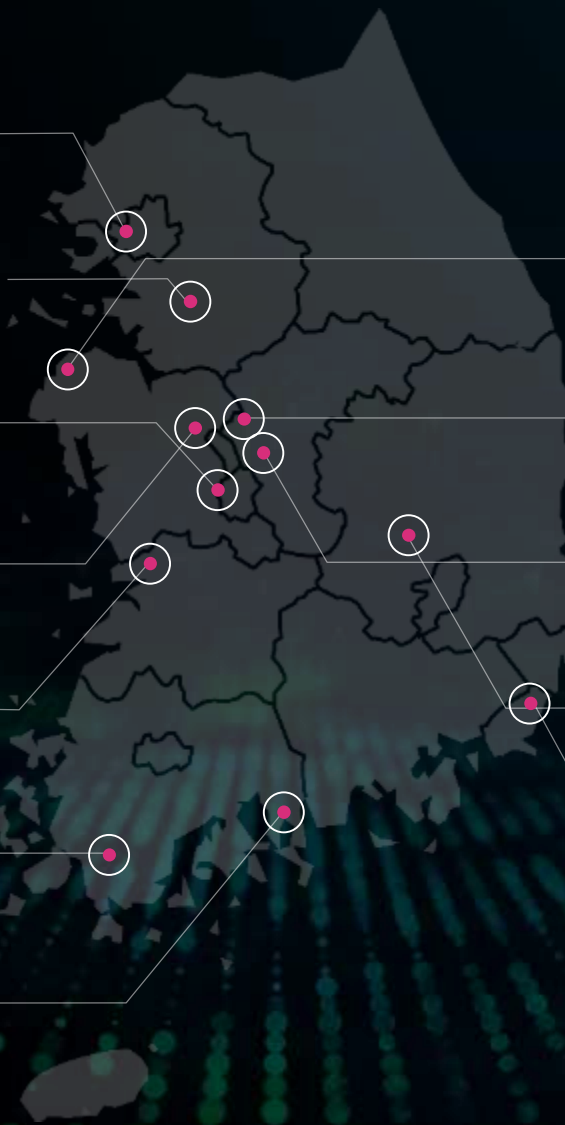
Iksan Plant(3)(Est.1991 / Est.1995/Est.2011)
EP, ABS / Pharmaceutical / Cathode Material



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



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



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



Ochang Plant (Est.2005)
Stripper



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



Gimcheon Plant (Est.2008)
SAP



Onsan Plant(Est.1979)
Fine Chemical



LG Chem | Overseas Sites



- Wroclaw (Est.2005) – EP
- Moscow
- ● Frankfurt
- Istanbul
- Nyergesújfalu (Est. 2022) – Battery Separator

- ● 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

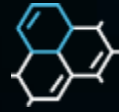
- ● India (Est.1996)
- ● Haiphong (Est.2017) - Polarizer
(Est.2018) - EP
- ● Ho Chi Minh
- Bangkok
- Jakarta
- ● Malaysia (Est. 2021) - NBL

- ● Atlanta
- Boston
- Torrance
- Sao Paulo
- Mexico City
- Evansville (Est.2018) - Sealant
- Ohio (Est.2021) – ABS
- Tennessee (Est. 2022) - Cathode Material
- Cambridge



Petrochemicals

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



Advanced Materials

- Cathode Materials
- Battery Separator
- Engineering Materials
- Electronic Materials
- RO Membrane



Life Sciences

- Primary Care
- Specialty Care
- Aesthetic
- AVEO Oncology



01

Introduction of LG Chem

Petrochemicals Company



Petrochemicals Company

Establishment (Year)

1976

Sales (\$) *As of 2023

13.8bn (Approx.)

Workforce (Person)

Domestic 6,442 / Overseas 2,264

Business Area

Petrochemical Products

- **2023** Started the construction of Korea's first supercritical pyrolysis plant and next-generation insulator plant
Launched COMPOSTFUL™ of compostable brand
Established the CS Center of Europe in Germany
- **2022** Launched Asia's first plant-based eco-friendly ABS
- **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
- **2003 ~** Acquired Dow Polycarbonate business(10)
- **2010** Merged with LG Petrochemicals Co., Ltd.(‘07)
Acquired PVC Business of Hyundai Petrochemicals Co., Ltd.(‘03)
- **1995 ~** Established Manufacturing Subsidiary in
1998 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

Focused cultivation of sustainability business and achievement of net zero



Bio Material

- Acquired 58+ ISCC Plus-certified products
- Mass-produced world's first bio-circular balanced SAP, launched Asia's first bio-based ABS
- Stable sourcing of raw materials through internalization of bio-based material production and partnerships (NESTE, ADM)



Compostable

- Stable quality and sourcing of raw materials through internalized production processes
- Developed own simulation modeling technology for compostability
- Obtained international compostability certifications and complies with food contact substance regulations



Recycling

(Establish circular economy of waste plastics)

- Built a product portfolio of global brands (PCR)
- Secured a stable pool of raw material supplies through a technology partnership on chemical recycling with MURA
- Established a closed loop through strategic partnerships



Energy Transition

(Discover new renewable energy materials)

- Produces higher value-added products for solar panels and lithium-ion batteries
- Established an eco-friendly biomass power plant
- Constructed CCU plants to produce blue hydrogen

Production Capacity (As of 4Q, 2023)

Unit : KTA

Ethylene	3,350	HDPE	550	Acrylic Acid	650
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	310
BPA	505	Plasticizer	175	POE	380
ABS/SAN	2,290	Alcohol	300	CNT	3
PS	40	PC	170	SAP	500
EPS	90	NAOH	1,020	NBL	555



Sustainable Materials

LG Chem conducts various sustainability businesses centered on eco-friendly materials in the fields of bio, recycling, and energy transition.

We also present innovative sustainability solutions to our customers and contribute to the creation of future value through our eco-friendly material brand LETZero, which embodies our determination to achieve net zero carbon emissions and damage to the environment.

Compostable(COMPOSTFUL™)

Bio(Bio-Circular balanced, Bio-based)

Recycle(PCR, Circular balanced)

Energy Transition(POE, CNT)



Applications



Mulching Film



Compostable Bag



Electronics housing



Solar power film



lithium-ion batteries



Conductive Plastics

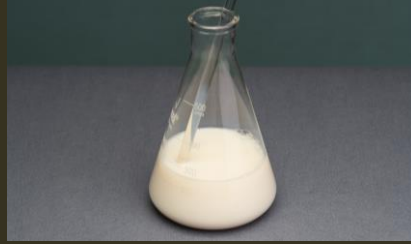
Nexolution materials

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



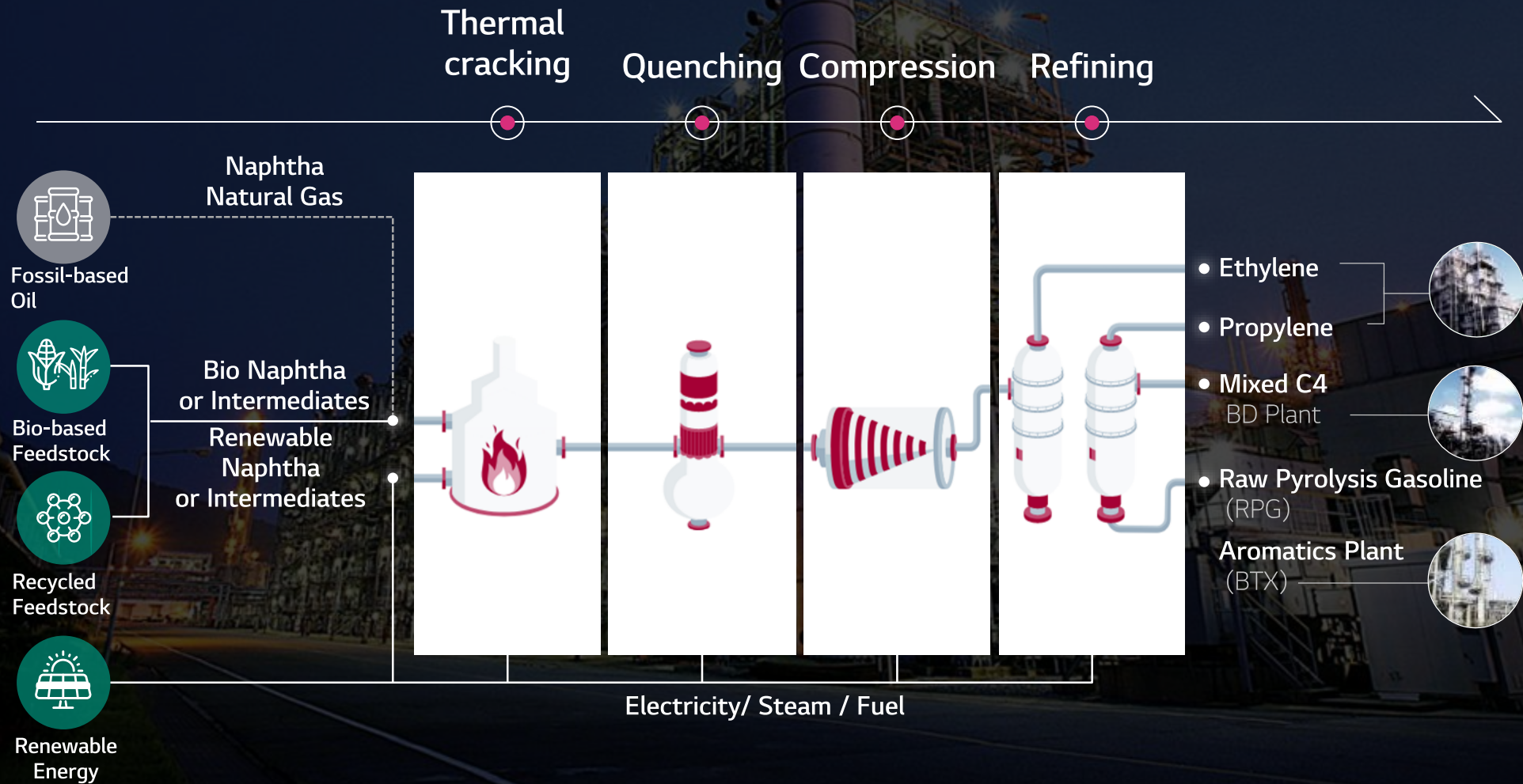
Petrochemical Plant Insulant



Marine Plant Insulant

Naphtha Cracking Center (NCC)

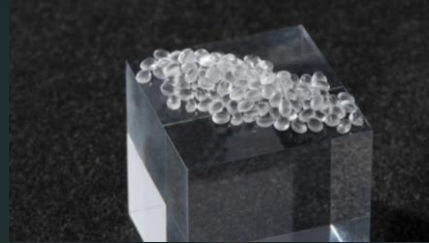
NCC (Naphtha Cracking Center) is a process for producing base oils for petrochemical products, such as ethylene and propylene. They are supplied as raw materials for various products such as PO, synthetic rubber, and ABS. In addition to achieving the world's highest energy efficiency, LG Chem discovers 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

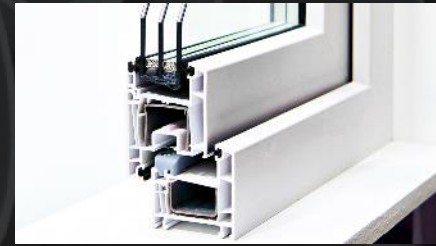
PVC / plasticizers

Polyvinyl chloride (PVC) is a material with excellent durability and insulation, processed with plasticizers to give it flexibility. It is used in various building materials and household products, such as flooring, windows, and artificial leather. Caustic soda is used in many industries, from basic to advanced sectors such as cathode manufacturing. Polycarbonate (PC) is also widely used in electronics, automobiles, and mechanical components due to its excellent impact and heat resistance. LG Chem aims to lead the eco-friendly trend by producing bio-circular balanced products from bio materials and post-consumer recycled (PCR) PVC and PC using recycling technology.

PVC, caustic soda,
plasticizers, alcohol, PC



Applications



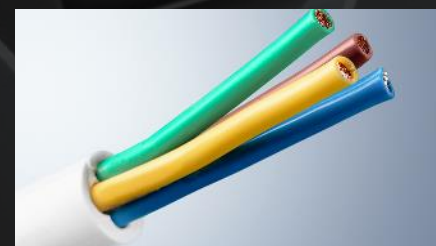
Sashes



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, Acrylic Acid 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.

Acrylic Acid/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



NPG



mPO(PE/PP)



POE

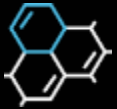


Synthetic rubber

02

Introduction of LG Chem

Advanced Materials
Company



Advanced Materials Company

Establishment (year)

1999

Sales (\$) * As of 2023

5.7bn (Approx)

Workforce (Person)

Domestic 4,062 / Overseas 2,050

Business Area

Battery Materials,
Engineering Materials,
Electronic Materials

- **2023** Started construction of Cathode Material Plant (in Tennessee)
- **2022** Established a cathode material joint venture LG-HY BCM (in Gumi)
Established a separator joint venture LG-Toray (in Hungary)
- **2021** Commercialized battery separators
(Acquired separator business from LG Electronics)
- **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



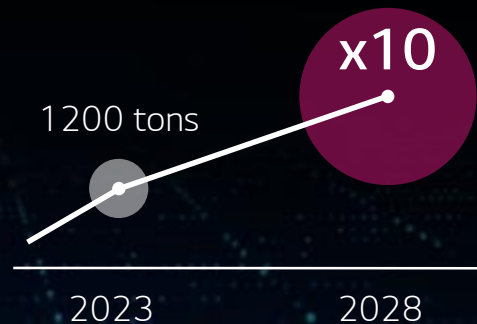
Capacity building of separator business

- Development of next-generation high-safety separators
- Expand a global production base in Poland (2021) and Hungary (2022)



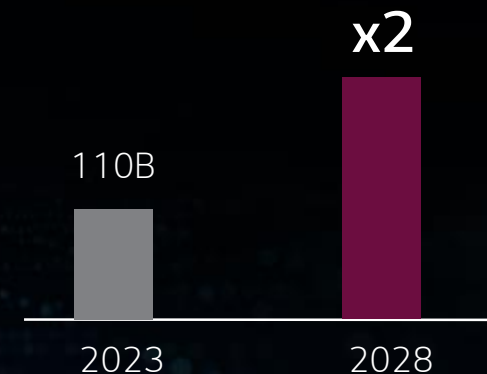
Upgrading the battery Materials portfolio

- Expanding business in higher value-added battery materials such as CNTs, anode binders, cathode dispersants



Increased investment in R&D

- Differentiate technology and gain market leadership



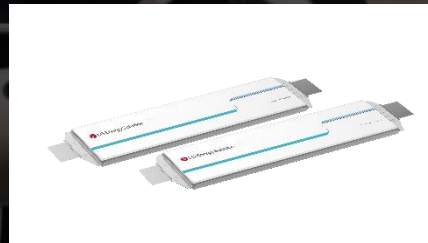
Battery Materials

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,
Flame Barrier Sheet
And anode binders, etc.



Applications



Automotive batteries



Mobility & IT 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.

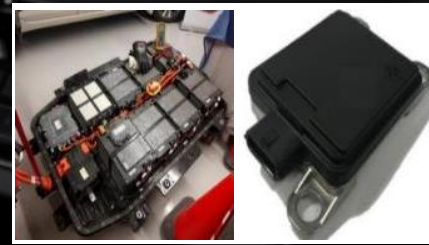
EPC (PC, PBT, PA , etc.)



Applications



Automotive interior and exterior materials



Engine parts



Recycled materials(PCR)

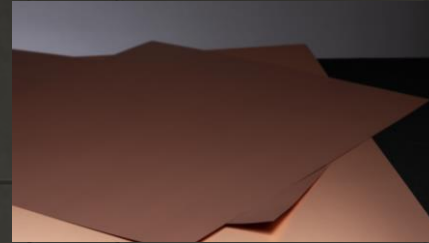
Major Customers



Electronic Materials

LG Chem produces light-emitting materials for OLEDs and semiconductor back-end process materials, which are key materials for IT devices. We are also working to accelerate the growth of our electronic film and adhesive products used in e-mobility.

OLED Materials,
Display Materials,
Advanced semiconductor
Materials



Applications



OLED Display Materials

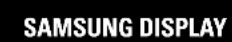
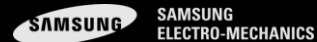


OLED TV



Board for Semiconductor
Packages

Major Customers



RO Membrane

LG Chem's seawater desalination and industrial RO Membrane 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



METITO

GS Inima



03

Introduction of LG Chem

Life Sciences
Company



Life Sciences Company

Establishment (Year)

1984

Sales (\$) *As of 2023

1.1bn (Approx)

Workforce (Person)

Domestic 1,962 / Overseas 407

Business Area

Pharmaceuticals, Vaccines, Aesthetic

- **2023** Acquired AVEO, a US-based cancer drug company
- **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, US
(Now LG Chem Life science USA, Inc.)
- **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



5 or more innovative new drugs by 2030

- Enhanced the quality of new drug pipeline
- Invest over USD 250mil in annual R&D
- Strengthening of Open innovation



Diabetes, metabolic diseases, cancer, autoimmune diseases

Expand new drug pipelines in clinical development stage



Accelerate clinical developments and business growth worldwide

- New tasks for global clinical development
- Continued growth of AVEO's oncology business in the US

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, Zemidapa)



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

AVEO Oncology

AVEO Oncology, acquired by LG Chem in 2023, is an oncology-focused biopharmaceutical company based in Boston, U.S.

Approved by U.S. FDA in 2021, AVEO is expanding its Kidney cancer drug(Fotivda®) sales, and is accelerating pipeline development including Head and Neck cancer drug.

Through AVEO Oncology, LG Chem aims to strengthen competitive edge in U.S. market for New drugs and become a global leading Oncology company.

Representative Product



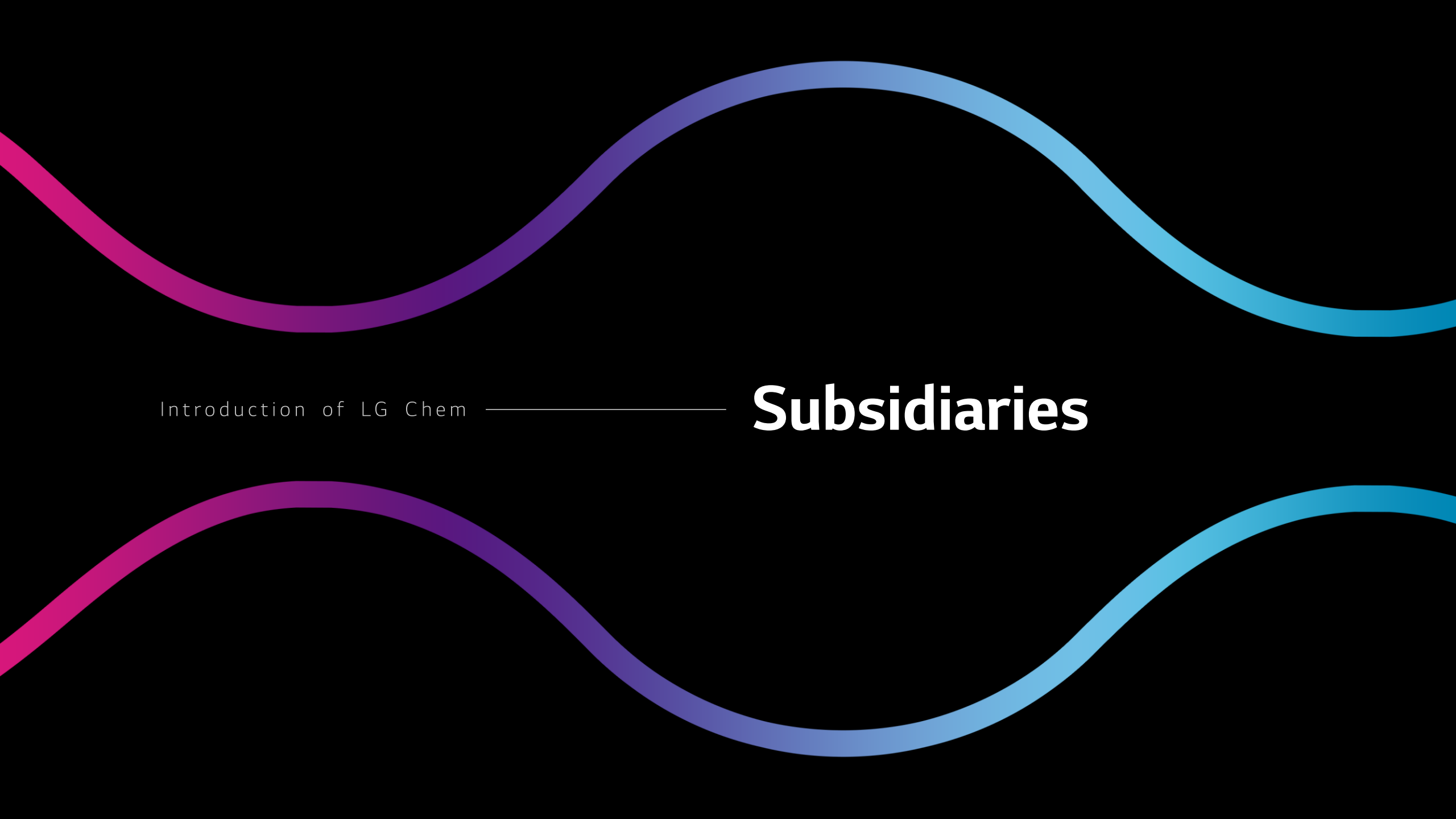
Kidney Cancer Drug FOTIVDA®

Pipeline

Projects	Indications	Stage
FIERCE-HN	Head and Neck Cancer	Phase III
AV-380	Solid Tumor	Phase I
TiNivo-2	Kidney Cancer	Phase III

AVEO
ONCOLOGY
an LG Chem company

FOTIVDA[®]
(tivozanib) capsules



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

*We*ConnectScience



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