Contents
Introduction of LG Chem

01 ——— Introduction of LG Group
02 ——— Introduction of LG Chem
03 ——— Business of LG Chem
LG Group | Affiliates

**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: 350 (Approx)*

Workforce (Worldwide): **280,000 (Approx)**

Annual Revenue: **USD 120.8bn (Approx)**
# LG Group | Main Products & Services Overview

## 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
- **U+ 5G**
  - 5G Network
  - World’s 1st
- **IoT @home**
  - Home IoT
  - Domestic No.1
- **Platform Business**
  - CloudXper
  - Cityhub
Since its founding, LG Chem is vigorously moving forward towards a sustainable future.
2019 : First Korean Chemical Company in GLOBAL TOP 10

* Source: Chemical & Engineering News, American Chemical Society
### Top 10 Most Valuable Brands

<table>
<thead>
<tr>
<th>Rank</th>
<th>Brand</th>
<th>Change</th>
<th>2021 Value</th>
<th>2020 Value</th>
<th>Change (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BASF</td>
<td></td>
<td>$8.3bn</td>
<td>$7.3bn</td>
<td>+15%</td>
</tr>
<tr>
<td>2</td>
<td>＋1</td>
<td></td>
<td>$4.7bn</td>
<td>$4.0bn</td>
<td>+16%</td>
</tr>
<tr>
<td>3</td>
<td>LG Chem</td>
<td>▲1</td>
<td>$4.3bn</td>
<td>$3.6bn</td>
<td>+19%</td>
</tr>
<tr>
<td>4</td>
<td>Dow</td>
<td>▼1</td>
<td>$4.3bn</td>
<td>$3.7bn</td>
<td>+15%</td>
</tr>
<tr>
<td>5</td>
<td>Linde</td>
<td></td>
<td>$3.6bn</td>
<td>$2.7bn</td>
<td>+34%</td>
</tr>
<tr>
<td>6</td>
<td>陽光石綿</td>
<td></td>
<td>$3.0bn</td>
<td>$2.3bn</td>
<td>+33%</td>
</tr>
<tr>
<td>7</td>
<td>AsahiKASEI</td>
<td></td>
<td>$2.3bn</td>
<td>$2.1bn</td>
<td>+9%</td>
</tr>
<tr>
<td>8</td>
<td>ShinEtsu</td>
<td>NEW</td>
<td>$2.1bn</td>
<td>$1.6bn</td>
<td>+43%</td>
</tr>
<tr>
<td>9</td>
<td>Mitsubishi Chem</td>
<td></td>
<td>$2.1bn</td>
<td>$1.9bn</td>
<td>+14%</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>NEW</td>
<td>$2.1bn</td>
<td>$1.4bn</td>
<td>+55%</td>
</tr>
</tbody>
</table>

**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.

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

Vision

Deliver advanced, innovative and sustainable solutions for our environment and society

Strategic Directions

Leading Sustainable Innovation for Customer

Managing the Impacts of Climate Change

Making a Positive Contribution to Society

Key areas

Responsible Products *
Circular Economy *
Environment Protection (ZWTL) *
Zero Waste to Landfill

Climate Action *
Renewable Energy *
Water Management *

Responsible Supply Chain *
Human Rights / Diversity
Safety / Wellness

* 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**

<table>
<thead>
<tr>
<th>Sustainable business centered around eco-friendly materials</th>
<th>Battery material-oriented e-Mobility</th>
<th>World-class innovative drug development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accelerate development of bio materials</td>
<td>Produce first-rate cathode materials in the world</td>
<td>Expand domestic top-level pipelines</td>
</tr>
<tr>
<td>Establish circular economy of waste plastics</td>
<td>Expand core material business for secondary batteries</td>
<td>Develop global clinical trials and accelerate business</td>
</tr>
<tr>
<td>Foster renewable energy material business</td>
<td>Reinforce R&amp;D for next-gen battery materials</td>
<td>Bolster investment in R&amp;D for new drug development</td>
</tr>
</tbody>
</table>
**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

<table>
<thead>
<tr>
<th>Recycle</th>
<th>Bio materials</th>
<th>Biodegradable</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCR ABS</td>
<td>Bio-circular balanced SAP</td>
<td>PLA</td>
</tr>
<tr>
<td>PCR PC, PCR PC/ABS</td>
<td>Bio-circular balanced NPG</td>
<td>PLH</td>
</tr>
<tr>
<td>PCR PP, PCR PE</td>
<td>Bio-circular balanced IPA</td>
<td>PBAT</td>
</tr>
<tr>
<td>Bio-based PA56</td>
<td>Electrical/electronic products, automobiles, fiber</td>
<td></td>
</tr>
</tbody>
</table>

### LETZero Certification

- **Royal Botanic Toothpaste by LG Household & Health Care with LETZero Certification**
  - BUS STOP BUILD (.remote control With PCR materials)
  - PCR (Post Consumer Recycled)
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 | Financial Results

* Included Subsidiaries

Sales in 2022
USD 40.2 bn (Approx)

- Workforce 19,500 (Person)
  - Domestic 14,500 / Overseas 5,000

- Sites of business 60
  - Domestic 17 / Overseas 43

Sales (Unit: Billion USD)

<table>
<thead>
<tr>
<th>Year</th>
<th>Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>2.4</td>
</tr>
<tr>
<td>2011</td>
<td>2.6</td>
</tr>
<tr>
<td>2012</td>
<td>1.7</td>
</tr>
<tr>
<td>2013</td>
<td>1.6</td>
</tr>
<tr>
<td>2014</td>
<td>1.2</td>
</tr>
<tr>
<td>2015</td>
<td>1.6</td>
</tr>
<tr>
<td>2016</td>
<td>1.7</td>
</tr>
<tr>
<td>2017</td>
<td>2.6</td>
</tr>
<tr>
<td>2018</td>
<td>2.0</td>
</tr>
<tr>
<td>2019</td>
<td>0.7</td>
</tr>
<tr>
<td>2020</td>
<td>1.5</td>
</tr>
<tr>
<td>2021</td>
<td>4.4</td>
</tr>
</tbody>
</table>

Operating profit (Unit: Billion USD)

<table>
<thead>
<tr>
<th>Year</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>0.44</td>
</tr>
<tr>
<td>2011</td>
<td>0.23</td>
</tr>
<tr>
<td>2012</td>
<td>0.16</td>
</tr>
<tr>
<td>2013</td>
<td>0.12</td>
</tr>
<tr>
<td>2014</td>
<td>0.16</td>
</tr>
<tr>
<td>2015</td>
<td>0.17</td>
</tr>
<tr>
<td>2016</td>
<td>0.20</td>
</tr>
<tr>
<td>2017</td>
<td>0.07</td>
</tr>
<tr>
<td>2018</td>
<td>0.15</td>
</tr>
<tr>
<td>2019</td>
<td>0.10</td>
</tr>
<tr>
<td>2020</td>
<td>0.14</td>
</tr>
<tr>
<td>2021</td>
<td>2.3</td>
</tr>
</tbody>
</table>

40.2

* Included Subsidiaries
LG Chem | Business Area

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

**Energy Transition**
- 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)

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

<table>
<thead>
<tr>
<th>LD, LLD, HD, EVA</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Image of LD, LLD, HD, EVA products]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Image of medical equipment, ondol pipes, product containers]</td>
</tr>
<tr>
<td>Medical equipment</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>![Image of cable insulators, packaging film, automotive interior and exterior parts]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable insulators</td>
</tr>
</tbody>
</table>
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.

Applications

ABS, PCR-ABS, SAN, PS, EPS

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.
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.
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

- 800 tons → 360K tons
  - 2022 → 2027
- 800 tons → x10
  - 2022 → 2027
- 190B → x2
  - 2022 → 2027
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

LG Energy Solution
GM
VW
TSLA
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

- HYUNDAI
- GM
- VW
- Ford
- STELLANTIS
- LG전자
- DELL
- amazon
- Google
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

LG Display
LG Innotek
BOE
Samsung
Samsung C&D
csot
Samsung Display
SK hynix
RO Filter

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%.

Applications

- Seawater Desalination
- Industrial Water
- Wastewater Reuse

Major Customers

- Acciona
- Metito
- GS Inima
- Suez
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) with 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 ‘Euvox’ 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

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

Diabetes, metabolic diseases, cancer, autoimmune diseases

Expand new drug pipelines in clinical development stage

Accelerate clinical developments and business growth worldwide

- 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.
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.
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.
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.
THANK YOU