

LGTCCE Open Innovation Fair 2016

Aachen, Germany / June 27th – 28th, 2016

Info



Founded



1947

Headquarter



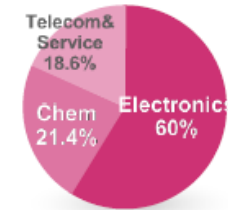
Seoul, Korea

Chairman & CEO



Bon Moo Koo

Total Sales



USD
150 Billion+

Employees

Domestic 131,400

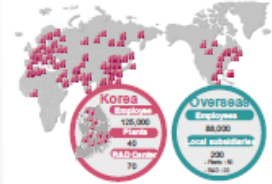


Overseas 95,000



220,000+

Global Locations



270 Overseas
Subsidiaries

Electronics

We develop world class products through innovative technologies, leading the global electronics industry.

- LG Electronics
- LG Display
- LG Innotek



Chemicals

Our business philosophy is "making essential products for customers."

- LG Chem
- LG Hausys
- LG Household & Health Care

Communication & Services

We provide customers with essential services at anytime, anywhere for better communication and a smarter life.

- LG CNS
- LG U+
- LG International

LG Electronics



Home Entertainment

- OLED TV, Ultra HD TV, WebOS 2.0
- Home Theater System
- Monitors, PCs, Commercial TV

Mobile Communication

- Smart phones, tablets, 4G technology
- Smart watches, - accessory

Vehicle Components

- Infotainment, head up display
- HVAC & Motor, ADAS

Home Appliance & Air Solution

- White goods
- Residential - & commercial air conditioners
- IoT (smart home/ car)
- Energy (solar energy, LED lighting, ESS, EMS)

www.lge.com

LG Chem



Petrochemicals

- BPA, Polyolefin, NCC / PO
- PVC / Plasticizer, ABS
- Acrylates / SAP
- Engineering plastics
- Synthetic Rubber, Specialty Polymers

IT& Electronic Materials

- Optical materials
- Advanced functional materials
- LCD glass substrate, OLED light panel
- Water solution business

Advanced Materials Business Unit

- Display materials
- Battery materials

Energy Solution

- Mobile battery
- Advanced automotive battery
- Advanced battery energy storage system

www.lgchem.com

LG Display



- TV, OLED TV
- Plastic OLED, Ultra HD
- Monitor
- Notebook PC, Tablet PC
- Mobile
- Commercial display
- Professional / industrial display
- Automotive display
- Transparent display
- Flexible display
- AH-IPS, Advanced In Cell Touch
- FPR 3D, Glass-Free 3D
- Wearable, Flexible, Foldable

www.lgdisplay.com

LG Innotek



Mobile

- Camera module/actuator
- Touch panel, Wireless power charger
- Rigid flexible PCB, Build-up PCB

Automotive

- Motor & sensor
- Connectivity & ADAS for xEV
- Wireless power charger for mobile
- Thermoelectric module, LED lighting

LED

- LED for mobile, automotive, lighting and driver, UV LED

Display

- Photo mask, power module
- Digital tuner, Wi-Fi / Bluetooth module
- LED BLU, smart TV camera

IoT

- IP network camera, wireless modem (3G/4G), mobile router, real time location system, wireless control system
- Electronic shelf label

www.lginnotek.com

LG Hausys



Building

- Functional glass, window
- Curtain wall
- Exterior foil, sign & graphic materials

Interior

- HI-MACS (Acrylic Solid Surface)
- Viatera (Quartz Surface)
- Flooring, wall covering
- Decofoil, interior film

Automotive

- Automotive skin, - part
- Lightweight material
- Performance tape

IT & Electronics

- Vinyl coated material
- Vacuum insulation panel
- PSAA (Pressure Sensitive Adhesive Application)

www.lghausys.com

LG CNS



Industry Solutions

- Smart factory
- Energy (energy management, green energy, city & building)
- Cross-industry (digital marketing, e-Commerce, security)
- e-Government (legislative, judicial, public)
- Transportation (road traffic, rail/metro, air traffic, integrated service)
- Healthcare solutions
- Banking & finance solutions
- Telco - & media service

Technical Platforms

- Cloud computing
- Big data
- IoT

IT Services

- Enterprise solution, consulting
- Managed service, ITO/ BPO
- Data center

www.lgcns.com



References from the LGTCE Open Innovation Fair 2014

Objectives	LG	<ol style="list-style-type: none"> 1. Exploration of joint developments, new business and investment opportunity 2. Enhancement of market – and product development with innovative European partners 3. Generation of diversification opportunity 				
	Partners	<ol style="list-style-type: none"> 1. Exploration of collaboration opportunity with LG 2. Commercialization opportunity of research results 3. Generation of new business models 				
Topics	Vehicle Components	Energy Business	IoT	Industry 4.0	Smart Materials	
Date Location	June 27 th - 28 th , 2016 Campus Melaten in Aachen, Germany					
Participants	LG (~60P)	<ul style="list-style-type: none"> ➤ CTOs, lab directors, R&D directors, business unit leaders ➤ Open innovation teams, research engineers ➤ New business development teams 			External (~100P)	<ul style="list-style-type: none"> ➤ Companies ➤ Institutes ➤ Universities
	Program*	Keynote speeches	Tech Seminars	Exhibitions*	1:1 Meetings	On-site tours

***remark:**

The program element(s) that your institution is going to attend will be notified in the invitation after LGTCE's final reviewing. Exhibition booths including electricity and WLAN will be arranged by LGTCE.