

# LGTCE Open Innovation Fair 2016

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## Founded



1947

## Headquarter



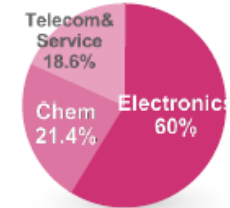
Seoul, Korea

## Chairman & CEO



Bon Moo Koo

## Total Sales



USD  
150 Billion+

## Employees

Domestic 131,400

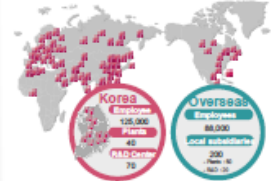


Overseas 95,000



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](http://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](http://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](http://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](http://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](http://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](http://www.lgcns.com)

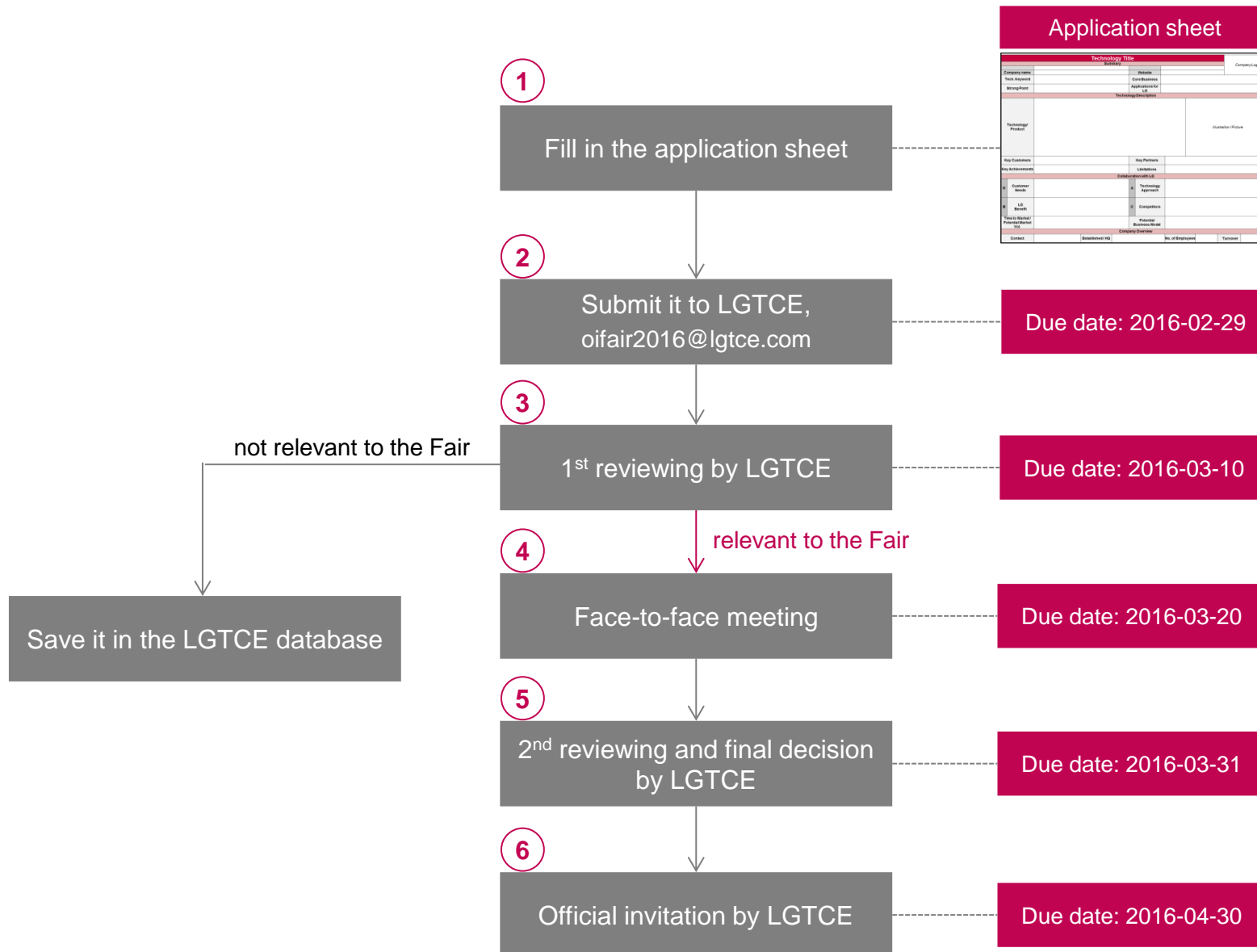


*References from the LGTCE Open Innovation Fair 2014*

Objectives	LG	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	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 <sup>th</sup> - 29 <sup>th</sup> , 2016 the Campus Melaten in Aachen, Germany				
Participants	LG (~50P)	➤ CTOs, Lab directors, R&D directors, Business Unit leaders ➤ Open Innovation teams, research engineers ➤ New business development teams			External (~100P)
					➤ 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.





For further information please contact

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