

# LG TCE Open Innovation Fair 2016

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## Founded



1947

## Headquarter



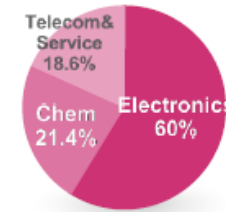
Seoul, Korea

## Chairman & CEO



Bon Moo Koo

## Total Sales



USD  
150 Billion+

## Employees

Domestic 131,400

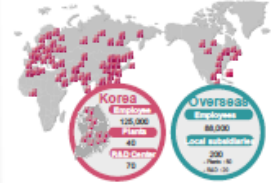


Overseas 95,000



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

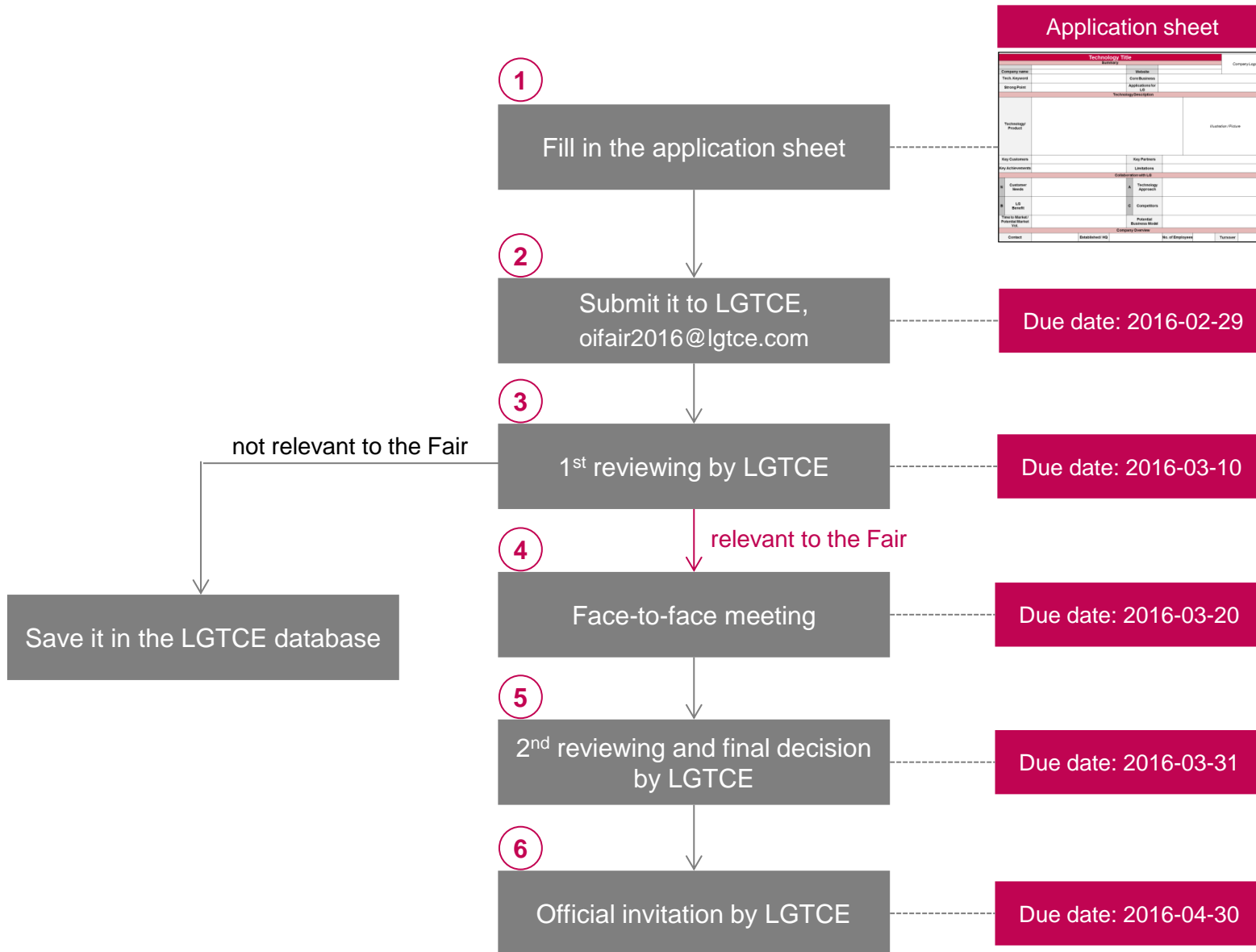
[www.lgcns.com](http://www.lgcns.com)



References from the LGTCE Open Innovation Fair 2014

Objectives	LG	<ol style="list-style-type: none"> <li>1. Exploration of joint developments, new business and investment opportunity</li> <li>2. Enhancement of market – and product development with innovative European partners</li> <li>3. Generation of diversification opportunity</li> </ol>
	Partners	<ol style="list-style-type: none"> <li>1. Exploration of collaboration opportunity with LG</li> <li>2. Commercialization opportunity of research results</li> <li>3. Generation of new business models</li> </ol>
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) <ul style="list-style-type: none"> <li>➤ CTOs, Lab directors, R&amp;D directors, Business Unit leaders</li> <li>➤ Open Innovation teams, research engineers</li> <li>➤ New business development teams</li> </ul>	External (~100P) <ul style="list-style-type: none"> <li>➤ companies</li> <li>➤ institutes</li> <li>➤ universities</li> </ul>
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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