

# LG DISPLAY

## WHERE YOUR VALUE CREATION BEGINS

LG Display Sustainability Report 2011-2012



# Major Performance in Sustainability Management

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For your information, LG Display presents the following table categorizing all major sustainability indicators by type of stakeholder. The company continues to create value for each type of stakeholder.

 Shareholders and Investors	 Client Companies	 Environment	 Employees	 Partner Companies	 Regional Communities
<p>Sales</p> <p><b>24,291.2</b> KRW bn</p> <p>(As of the end of 2011, based on consolidated financial results)</p>	<p>R&amp;D-to-Sales Ratio</p> <p><b>5.4</b> %</p>	<p>Reduction of GHG Emissions</p> <p><b>827,453</b> tCO<sub>2</sub>e</p>	<p>Hours of Education and Training</p> <p><b>1.8</b> mn</p>	<p>Support for Partner Companies</p> <p><b>38.9</b> KRW bn</p>	<p>Employees Participating in Volunteer Work</p> <p><b>21,312</b> persons</p> <p>(As of the end of 2011)</p>
<p>Market Share (TV, Monitor, Notebook, Tablet PC Panels)</p> <p><b>27.9</b> %</p> <p>(As of the end of 2011)</p>	<p>No. of Patents Held at Home and Abroad</p> <p><b>16,944</b></p>	<p>Cost Savings through Wastewater Recycling</p> <p><b>18.6</b> KRW bn</p>	<p>Education and Training Expenses</p> <p><b>25.3</b> KRW bn</p>	<p>Participants in Education Programs</p> <p><b>3,895</b> persons</p> <p>(2007-2011 cumulative)</p>	<p>Participants in Cho-rong-e Eye-Care Classes</p> <p><b>11,956</b> persons</p> <p>(2009-2011 cumulative)</p>

## About This Report

This is LG Display's first sustainability report. Its primary purpose is to introduce the company's activities and performance in sustainability management to stakeholders. All information adheres to the 3.1 Guidelines of the Global Reporting Initiative (GRI). Content and data verification was conducted by the BSI Group, an independent agency, in accordance with the AA1000 Assurance Standard. This report was prepared using quantitative or qualitative data collected from January 1 to December 31, 2011. For quantitative measures of performance, some data for the first half of 2012 was included as well. The scope of this report is limited to data collected from the headquarters in Seoul and other domestic worksites, including the Gumi and Paju plants. The company will expand the scope of future reports to include data collected from its overseas network.


More detailed information about the company's sustainability management is available on its website. Click the icons on each page of this Abode PDF formatted report.

For more information on this sustainability report, please address inquires to the Corporate Social Responsibility Team of LG Display (Tel: +82-2-3777-2239, email: csr@lgdisplay.com).



Click the icons on each page for detailed information at the company's website.

# “ LG Display goes wherever we live.”

LG Display is the technological leader in ultra-realistic displays, creating a new, diverse digital world. It is securing its leadership into the future with an array of R&D projects, developing mid-sized displays for TVs, notebooks, and desktops, as well as smaller displays for mobile devices. It is sharpening its competitive edge for the future through next-generation technologies including OLEDs and flexible displays. 

### TV / Public Display



LG Display produces a full line of eco-friendly, high-definition LCDs designed for the transition to digital. These displays feature LG's FPR 3D technology. With separate left-and-right video signals, FPR offers a brilliant, full HD-quality picture.

Its displays lead the market with their reliability, clarity, and flexibility. They can be found in many public places such as airports, subways, and bus stations.

### Notebook / Monitor



LG Display makes a thin, ultra-light LCD for notebooks that is both eco-friendly and energy efficient. These displays are available in a range of sizes, from seven to nine inches, ideal for tablet computing.

LG Display leads the desktop LCD market as well, with multi-tasking technology that provides sharp, clear images along with energy-saving features. It produces a full HD wide-screen LCD ideal for multi-media.

### OLED

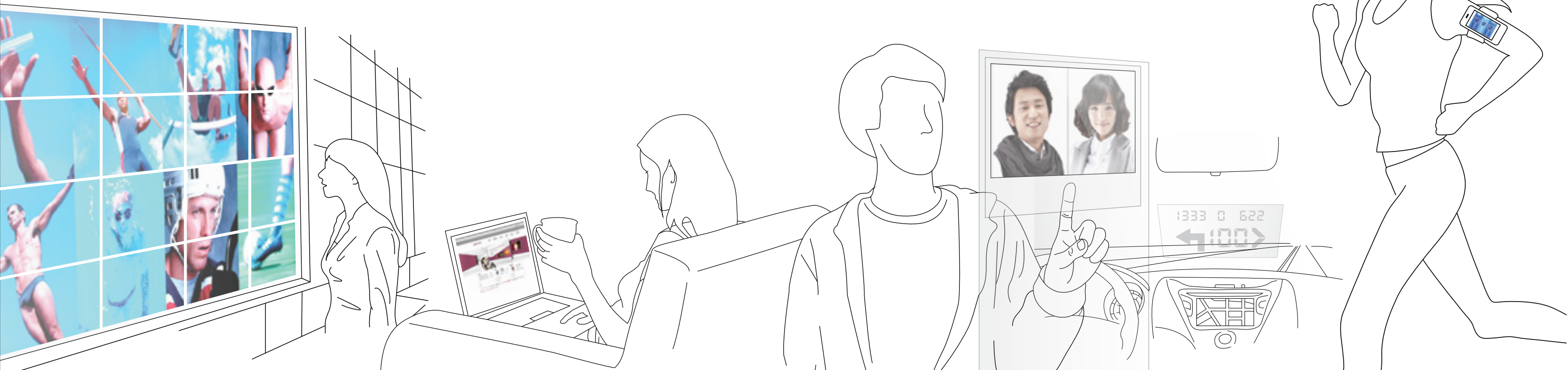


LG Display is a leader in OLED technology. It created the world's first 4-inch flexible OLED, a 15-inch OLED for notebooks and TVs, then the world's first 55-inch WRGB OLED TV panel.

### Mobile



LG Display produces ultra-thin LCDs for mobile devices featuring advanced, ultra-high definition technology ideal for the era of digital convergence. LG Display leads in the development of eco-friendly, low-power e-paper displays.



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### Cover Story

With images resembling LCD panels hovering in multi-angled directions, the cover conveys LG Display's confidence as a global leader in technological progress, as well as its efforts to fulfill its responsibilities in corporate citizenship from economic, environmental, and social perspectives.

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## CEO Message

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"LG Display listens closely to the opinions of individual stakeholders. By doing so, we fulfill our obligations in corporate citizenship as global leaders in technology and socially responsible management."

## As a leading global company, we meet our social responsibilities and roles.

I would like to express my deepest gratitude for your continued support and interest in LG Display. With our first sustainability report, I am pleased to share the company's activities and performance in attaining sustainable growth.

LG Display has established a leading position in the global display market by introducing state-of-the-art TFT-LCD products which have advanced the display technology field. Additionally, with our market-leading FPR 3D TV technology and ultra high-definition IPS products, we continue to expand our presence around the world. Looking to the future, LG Display is pioneering the development of next-generation technologies including OLEDs and flexible displays.

In addition to investments in technology, LG Display also maintains a regular, active commitment to reducing greenhouse gases emitted during the production process and developing energy-saving, environmentally-friendly products. As such, we participate in a diversity of low carbon and green growth programs and policies.

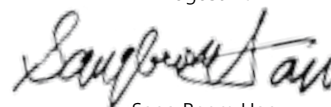
We also support our partner companies, seeking mutually beneficial growth with them, and we continue to enhance labor benefits and conditions for our valued employees, promoting a healthy work and life balance. Finally, LG Display contributes to regional development through ongoing support for local underprivileged groups, including employee volunteer activities.

The following sustainability report provides an opportunity to systematically review our fulfillment of social responsibility and sustainable growth. We also consider this an invaluable opportunity as a way to deepen our relationship with you, our valued stakeholders.

Along with everyone at LG Display, I look forward to your continued partnership in the year ahead as we make progress in social responsibility, and grow in our role as a global leader.

Thank you.

August 2012



Sang Beom Han  
CEO, LG Display

# Introduction to LG Display

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LG Display has its headquarters in Seoul, with an extensive global network including 12 production and sales subsidiaries, and representative offices. With 58,858 employees, LG Display leads the global display market with unmatched innovation in technology and excellent marketing capabilities.



## | Overseas Subsidiaries |

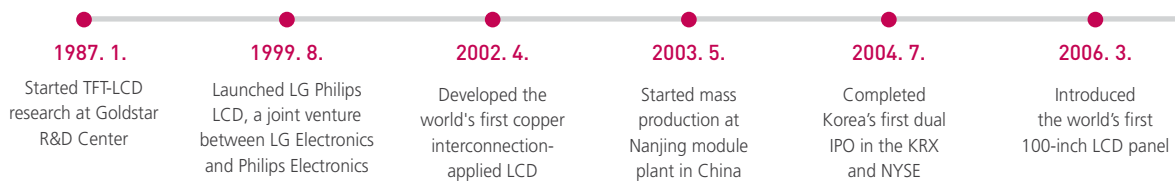


Production subsidiaries



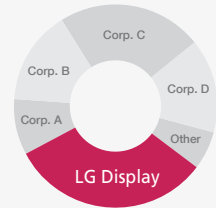
Sales subsidiaries

## | Brief History |



As of the end of 2011, LG Display has the largest share of the global market for LCDs larger than 9.1 inches, including panels for monitors and tablet devices.

| Market Leadership |



27.9%



25.0%

TV Panels  
(Including PDs)



28.7%

Notebook  
PC Panels  
(Excluding tablets)



25.5%

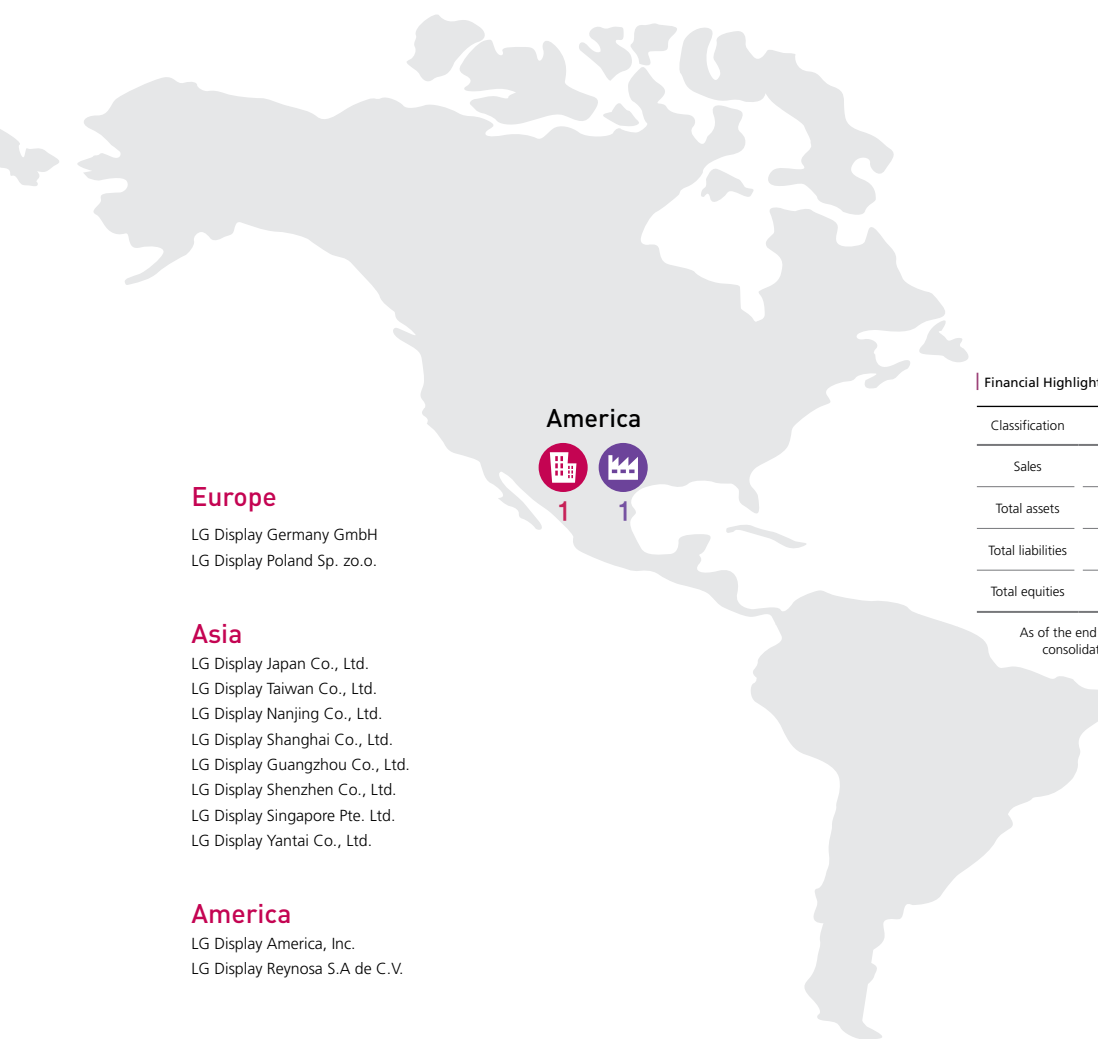
Monitor  
Panels



46.4%

Tablet PC  
Panels

\* Based on units of annual shipments, as recorded in 2011  
Source : Displaysearch



Europe

LG Display Germany GmbH  
LG Display Poland Sp. zo.o.

Asia

LG Display Japan Co., Ltd.  
LG Display Taiwan Co., Ltd.  
LG Display Nanjing Co., Ltd.  
LG Display Shanghai Co., Ltd.  
LG Display Guangzhou Co., Ltd.  
LG Display Shenzhen Co., Ltd.  
LG Display Singapore Pte. Ltd.  
LG Display Yantai Co., Ltd.

America

LG Display America, Inc.  
LG Display Reynosa S.A de C.V.

America



| Financial Highlights | (Unit: KRW mn)

Classification	2011
Sales	24,291,289
Total assets	25,162,931
Total liabilities	15,031,903
Total equities	10,131,028

As of the end of 2011, based on consolidated financial results

2006. 4.

Started mass production at Paju LCD plant 7 (P7), Paju Display Cluster

2007. 3.

Started mass production at Wroclaw module plant in Poland

2008. 3.

Renamed the company to LG Display

2008. 4.

Started mass production at Guangzhou module plant in China

2010. 12.

Introduced the world's first FPR 3D product

2011. 12.

Developed the world's first 55-inch OLED panel for TVs



# Stakeholder Engagement

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## Definition and Engagement of Stakeholders

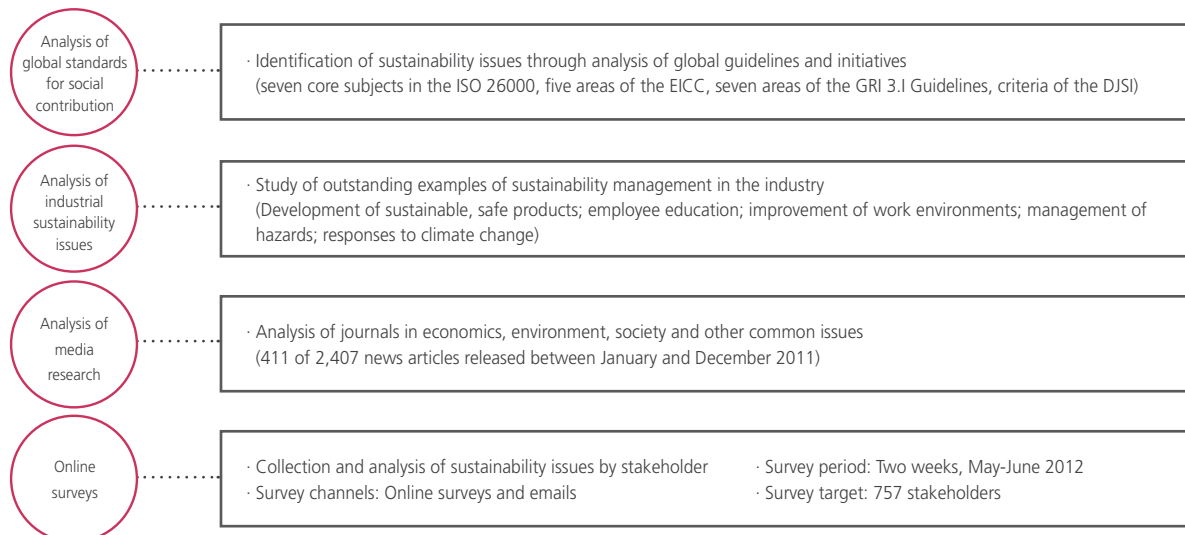
In business operations, LG Display and its stakeholders influence each other directly and indirectly. The company defines stakeholders as all individuals or organizations that affect the management of LG Display or are influenced by the company's products and services. Stakeholders are categorized into five groups: client companies, which are also customers; shareholders and investors; employees; partner companies; and regional communities.

The company actively communicates with stakeholders through a variety of channels and actively addresses major issues and requests. It reflects all suggestions and opinions from stakeholders in its sustainability management, as well as its general management activities. This report refers to various sustainability management activities which increase communication with stakeholders.

### Communication Channels and Expectations

Classification	Client Companies	Shareholders and Investors	Employees	Partner Companies	Regional Communities
Communication Channels	<ul style="list-style-type: none"> <li>· CS surveys</li> <li>· Sales and CS activities of business units</li> <li>· Service center</li> </ul>	<ul style="list-style-type: none"> <li>· IR presentations</li> <li>· Disclosure</li> <li>· Shareholder meetings</li> </ul>	<ul style="list-style-type: none"> <li>· Labor-management council</li> <li>· Online Grievance Committee</li> <li>· Industrial Safety and Health Committee</li> </ul>	<ul style="list-style-type: none"> <li>· Partner company meetings</li> <li>· Management consultation center</li> <li>· Online whistle-blower programs</li> </ul>	<ul style="list-style-type: none"> <li>· Social contribution website</li> <li>· Company love center at Gumi plant</li> <li>· Village foremen council</li> </ul>
Expectation	<ul style="list-style-type: none"> <li>· Smooth communication with clients</li> <li>· Higher R&amp;D competency</li> <li>· Product quality and safety</li> </ul>	<ul style="list-style-type: none"> <li>· Long-term growth</li> <li>· Profit creation and distribution</li> <li>· Transparent disclosure</li> </ul>	<ul style="list-style-type: none"> <li>· Cooperative labor-management relations</li> <li>· Employee welfare and benefit programs</li> <li>· Human rights protection and equal opportunity</li> <li>· Employee health and safety</li> </ul>	<ul style="list-style-type: none"> <li>· Management support and education for partner companies</li> <li>· Fair selection and evaluation for partner companies</li> </ul>	<ul style="list-style-type: none"> <li>· Strategic social contribution activities</li> <li>· Investment in regional communities</li> <li>· Response to local voices</li> </ul>

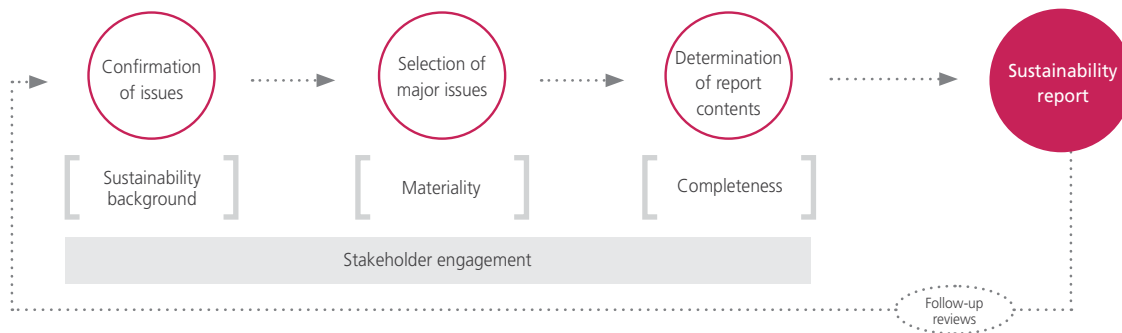
### Analysis of Stakeholder Expectations



### Decision-making Processes for Reporting

Abiding by the guidelines of the Global Reporting Initiative (GRI), LG Display selected the most important data and issues to be included in this report. Through a materiality test, the company identified 21 major issues out of 39 collected in a pool of issues, using a range of measures to assess levels of interest to stakeholders. Criteria for the materiality test include direct and short-term financial effects, policies and strategies, common issues of the industry, reactions and interest of stakeholders, and social norms. For the materiality test, the company assessed major issues based on degree of business impact and social concern to external stakeholders.

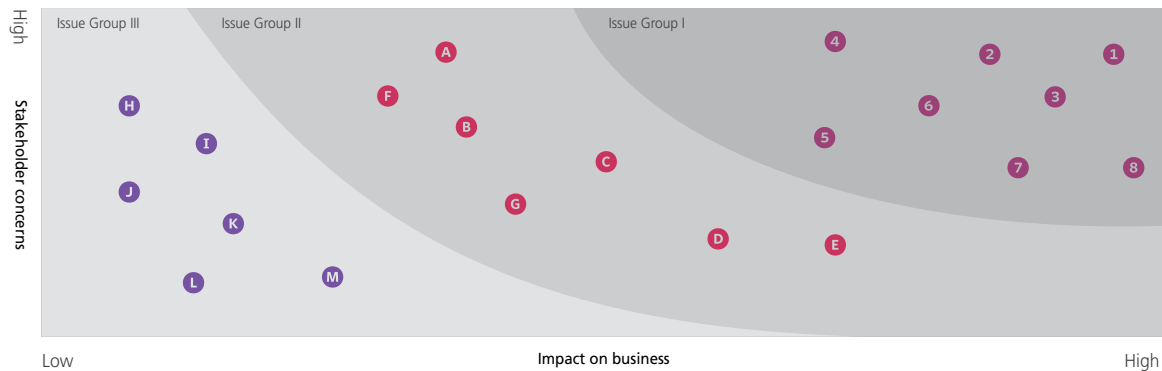
#### | Process for the Preparation of the Report |



### Determination of Contents

LG Display disclosed 21 major issues identified through a materiality test in the Focused Report and Sustainability Review sections of this report. It also presented management principles of related to sustainability issues and considered opportunities and challenges for each sustainability area. A CSR Dashboard includes the company's economic, environmental, and social performance, all of which are substantial to the company's overall sustainability management.

#### | Materiality Test Matrix |



Issue Group I	Pages	Issue Group II	Pages	Issue Group III	Pages
1 Sustainable product development	18-19, 24-27	A Participation in regional development	34, 54-61	H Transparent corporate governance	13-14
2 Climate change response	28-32	B Innovation management (R&Ds)	24-26	I Sustainable resource consumption	18, 28-37
3 Customer value creation	20-21	C HR development and training	40-44, 49	J Employee welfare and benefits	40, 46, 49
4 Balance between work and life	22-23, 46, 49	D Improvement of environmental management systems	33-37	K Integrated risk management	16-17
5 Health and safety at work	33, 38-39	E Sustainability process management	18-19, 28-37	L Fair competition	12
6 Information security	15	F Ethics management	10-12	M Human rights	10-11, 42
7 Environmental management	28, 33-37	G Sustainability management for partner companies	50-53		
8 Product safety and quality	24, 27, 35				

# Jeong-Do Management

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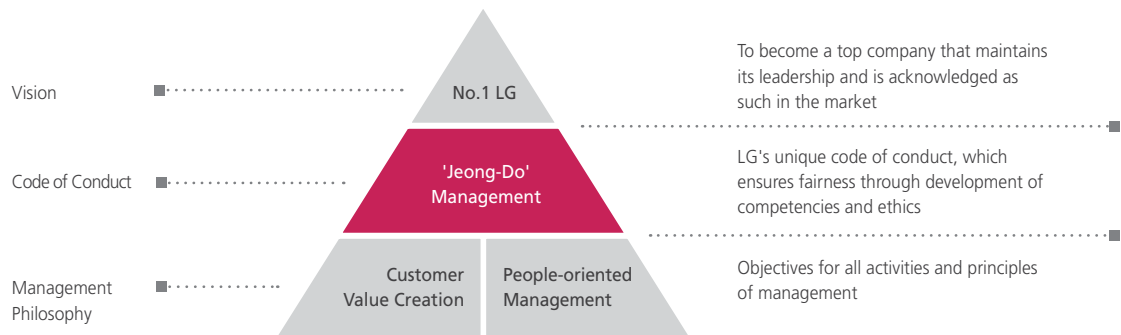
"Jeong-Do Management" is LG's unique code of ethics. LG's goal is to pursue long-term excellence through ethical management and fair competition. Yet true Jeong-Do Management extends beyond professional ethics to emphasize the importance of achieving substantial results through competitiveness.



## The LG Way

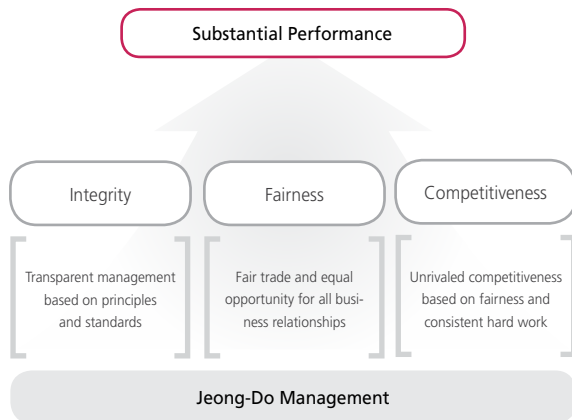
The LG Way represents LG's corporate culture, which is committed to the tenets of "customer value creation" and "people-oriented management" through the Jeong-Do Management code of conduct. Through the LG Way, LG can achieve its ultimate vision of becoming "No.1 LG."

| LG Way |



## Jeong-do Management

Going beyond conventional ethical management, Jeong-Do Management emphasizes the achievement of substantial results with a strong competitive edge.



## LG Code of Ethics

The code of ethics presents the basic direction of the company's ethics management, one of the major branches of Jeong-do Management. The code of ethics elucidates the company's responsibilities to its customers, employees, society, and nation. It also suggests reasonable, specific guidelines to employees for making sound value judgments and engaging in responsible behavior.



### Commitment to Jeong-do Management

Each year, the CEO of the company offers messages to employees and partner companies for New Year and Korean Thanksgiving Day, encouraging them to participate in Jeong-do Management. In addition, all employees who are newly recruited, promoted, or appointed to leadership positions must sign the "Jeong-do Management Pledge of Practice," through which they renew and demonstrate their commitment to Jeong-do Management.

### Communication of Jeong-do Management

Through an online whistle-blowing system, all stakeholders, including employees, are able to report violations against Jeong-do Management, with the option of remaining anonymous.

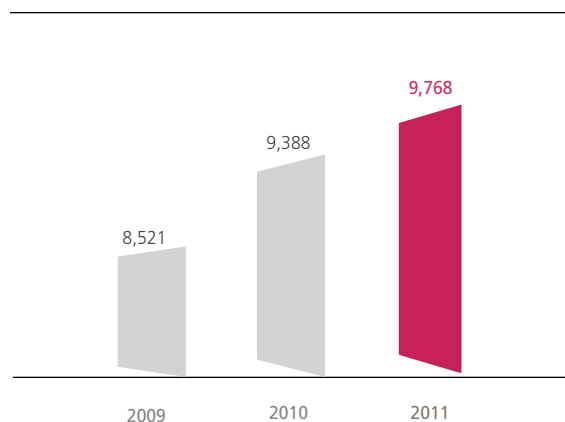
LG Display also operates a Jeong-do Management consultation center that addresses inquiries from any stakeholder regarding Jeong-do Management. The center also holds discussions with stakeholders who have submitted grievances to provide them with the opportunity to offer resolutions.

Moreover, employees may voluntarily submit reports on any illegal acquisition of money, valuables, or offers of hospitality from stakeholders. The company also resolves issues in ethics management through an online bulletin board, and it promotes Jeong-do Management through special events and promotional materials on company bulletin boards.

### Education in Jeong-do Management

Through a variety of activities and channels, LG Display improves employee understanding of Jeong-do Management, as well as their abilities to carry out the practices it requires. In particular, it conducts ethics education programs customized according to position, sector, or department.


| Participants in Jeong-do Management Education | (Unit: Persons)



### | Status of Jeong-do Management Education |

Classification	Purpose	Details	
Office workers	Understanding of Jeong-do Management	<ul style="list-style-type: none"> <li>· Company-wide Jeong-do Management activities</li> <li>· Action programs and applications</li> <li>· Case studies on corruption</li> </ul>	
Line workers	Introduction to Jeong-do Management and code of ethics	<ul style="list-style-type: none"> <li>· Concepts and necessity of Jeong-do Management</li> <li>· Introduction to code of ethics</li> <li>· Action programs</li> </ul>	
Managers	Dissemination of Jeong-do management culture	<ul style="list-style-type: none"> <li>· The role of leaders in Jeong-do Management</li> <li>· Identification of and countermeasures to potential violations</li> <li>· Case studies on corruption</li> </ul>	
Departments in external contact points	Growth of awareness in related departments	<ul style="list-style-type: none"> <li>· Mutual growth and trust with partner companies</li> <li>· Case studies on corruption</li> <li>· Detailed countermeasures</li> </ul>	

# Compliance Management

In adherence to the Jeong-do Management code of conduct and management philosophy, LG Display maintains a comprehensive system to manage compliance, enabling it to observe all regulations and ethics in daily operations. With strong involvement from top management, it is also extending the targets of compliance management to include overseas networks. 

## Compliance Structure

In charge of compliance activities company-wide, the compliance team assesses adherence to various regulations and prescribes programs and projects to avoid legal issues. In particular, the team conducts periodic and ad hoc audits on levels of compliance at worksites. The company also periodically reports on self-assessments conducted at worksites.

## Extension of Compliance

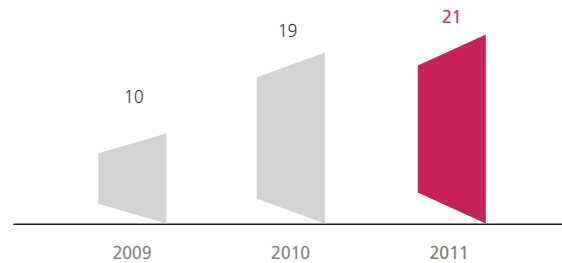
LG Display conducts detailed, efficient analysis of risks to compliance according to performance, local regulations, and labor markets in countries with overseas subsidiaries.

Since 2009, LG Display has resolved major risks to compliance in both domestic and overseas projects with the full cooperation of executives and employees at worksites. To ensure compliance with anti-corruption regulations, the company stipulates compliance guidelines for management, executives, and related parties. From top to bottom, the company continues to raise awareness of regulatory violations at all workplaces, including the overseas network, thereby making anti-corruption an important part of its corporate culture.

## Fair Trade and Prevention of Recurrence

Since June 2007, when the top management launched an initiative to set an example for fair trade, LG Display has taken major steps toward improving its fair trade monitoring and practices. It designates fair-trade compliance managers, publishes a manual for employees to evaluate their own fair trade compliance, holds consultations and education programs, and conducts internal audits to assess fair trade practices.

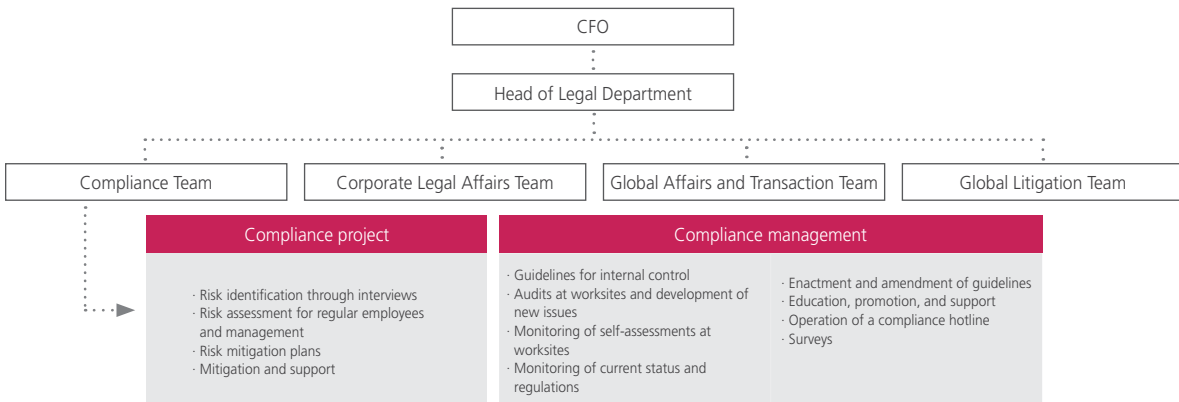
| No. of Prevention Programs for Unfair Trade\* | (Unit: Times)



\* Prevention programs for unfair trade are conducted company-wide to raise employee awareness of regulatory violations in fair trade by encouraging self-assessment.

In July 2012, LG Display agreed to a payment of USD 380 million to settle a lawsuit by U.S. consumer organizations in 2007 regarding possible anti-competitive activities in the TFT-LCD industry.

## | Structure of Compliance Management |



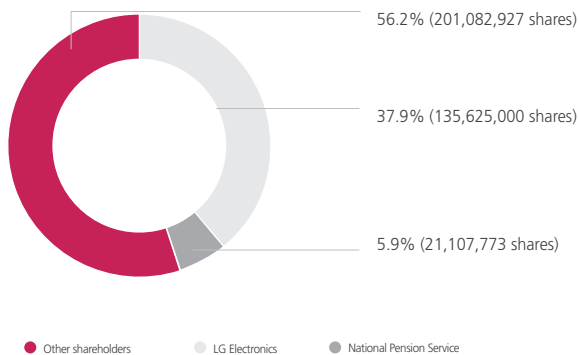
# Corporate Governance

Structures for transparent governance and responsible management are major concerns for the success of any business today. Thus, LG Display ensures independence and transparency in its corporate governance and pursues a performance-based reward system.

## Shareholder Structure

As the largest shareholder in LG Display, LG Electronics owns 135,625,000 common shares, accounting for 37.9% of the company's voting stock as of December 2011. The National Pension Service holds 5.9%, while other shareholders account for the remaining 56.2%. As of June 2012, Sang Beom Han, the CEO of LG Display, holds 930 shares.

| Shareholder Structure | (As of December 2011)



## Board of Directors Composition

The Board of Directors (BOD) consists of seven members, including two inside directors, one non-executive director, and four outside directors. The outside directors, including Audit Committee members, are appointed from candidates recommended by the Committee for Outside Director Nomination and Corporate Governance, with approval granted by the BOD during the general shareholders' meeting. There have been no reports of personal trading and other conflicts of interest with the company by outside directors.

Under the BOD, the company has four committees: the Audit Committee; the Outside Director Nomination and Corporate Governance Committee; the Remuneration Committee; and the Management Committee. The company operates these committees in ways that will enhance the transparency and expertise of the BOD.

| The Board of Directors | (As of August 2012)

Name (Gender)	Position
<b>Inside Directors</b>	
Sang Beom Han (Male)	CEO, Representative Director, LG Display
James (Hoyoung) Jeong (Male)	Executive Vice President and CFO, Director, LG Display
<b>Non-executive Director</b>	
Yu Sig Kang (Male)	Chairman of the BOD, LG Display Vice Chairman, Representative Director, LG Corporation
<b>Outside Directors</b>	
Tae Sik Ahn (Male)	Professor, College of Business Administration and Graduate School of Business, Seoul National University
William Y. Kim (Male)	Partner, Ropes & Gray LLP
Jin Jang (Male)	Chair Professor, Department of Information Display, Kyung Hee University
Dong Il Kwon (Male)	Professor, Department of Materials Engineering, Seoul National University



## Efforts toward Transparent Governance

LG Display ensures a system of checks and balances between the management, the BOD, and the shareholders. Through corporate governance that emphasizes the independence and professionalism of the BOD, the company guarantees rational decision-making processes and transparent management. The Outside Director Nomination and Corporate Governance Committee submits guidelines and procedures for the assessment of company governance to the BOD for approval. Each year, the committee assesses the performance and charters of other committees, and proposes amendments to the guidelines at BOD meetings when necessary, thereby encouraging self-assessment and changes in management within the BOD.

### The Independence of the BOD

Through quarterly BOD meetings, LG Display deliberates on major business decisions. To guarantee the independence of the BOD during these deliberations, more than two thirds of each committee consists of outside directors, except the Management Committee. While abiding by the operation guidelines of each committee, LG Display ensures the transparency of their operations. The Audit Committee, which consists fully of outside directors, ensures the objectivity and transparency of the Audit Committee.

### Appointment of the Board Members

LG Display appoints experts from a variety of fields to be BOD members, including legal advisors, accountants, and technology experts. Composed of more than two outside directors, the

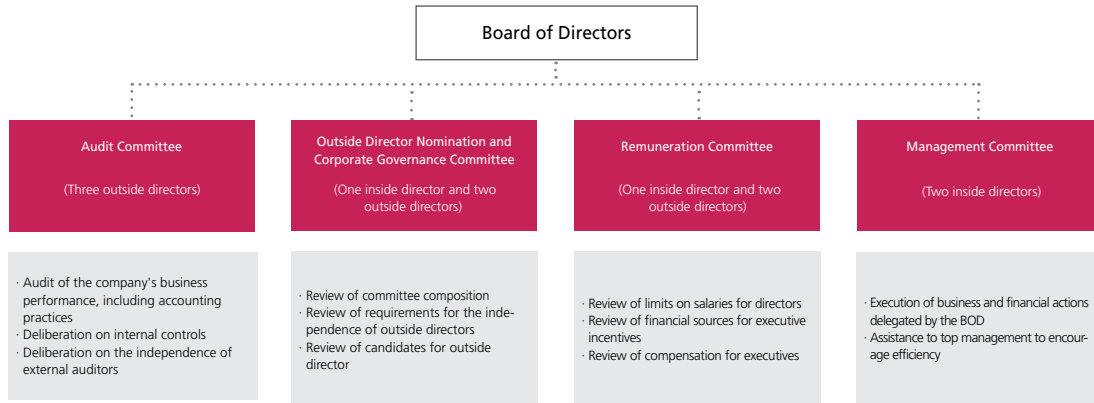
Outside Director Nomination and Corporate Governance Committee nominates candidates for outside director who have no conflicts of interest with the company. After approval from the BOD, the nominees are appointed as outside directors at general shareholders' meetings.

### Activities and Evaluation of the BOD

Each year, LG Display evaluates the performance of each director in BOD activities. Moreover, each year, the Remuneration Committee determines fair compensation for each director and executive officer, in line with the company's annual business plans and objectives.

| Committees within the BOD |

(As of June 2012)



# Information Security

LG Display maintains a comprehensive information security system and periodically holds training programs for employees to understand information security. The company continues to streamline its information security management system with more systematic approaches.

## Information Security Management System

LG Display complies with the Personal Information Protection Act and the Act on Prevention and Protection of Industrial Technology for information security. It also makes every effort to fulfill obligations to protect the confidentiality of communications with its corporate clients.

LG Display practices comprehensive information security in several areas, including IT, human resources, and physical control. These activities enable it to prevent leakage of internal data on production, core technologies, and business strategies, as well as information on clients, partner companies, and individuals.

The company periodically upgrades its physical control systems and IT infrastructure, during which it considers client requests. It also provides security training sessions for core business units in sales, R&D, production, and quality control.

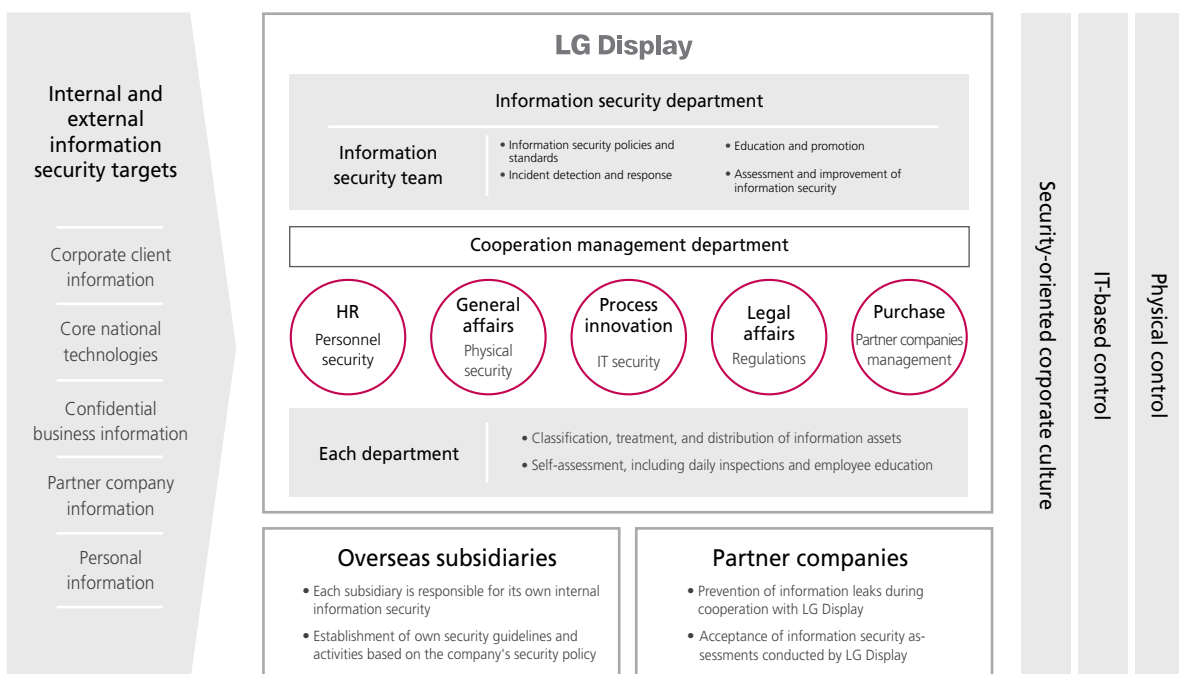
## Enhancements to Information Security

LG Display includes education sessions on information security in its training sessions for both new recruits and experienced employees. The sessions provide case studies and introduce regulations and processes.

The company distributes updates to its security policies and procedures through a monthly illustrated publication and through a promotional letter during its Day of Information Security.

The company continues to extend the scope of its IT security infrastructure to include Secure-PC solutions and Document Encryption solutions, as well as its overseas subsidiaries. It is currently reorganizing its information protection systems by assigning specific functions to units in charge of information security and cooperation, partner companies, and overseas subsidiaries.

### | Information Security Management Systems |





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# Integrated Risk Management

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LG Display determines the financial and non-financial factors which pose risks to its management activities and manages them accordingly. It prevents the effects of each risk by identifying its current status according to area, and makes efforts to enhance countermeasures.

## Financial Risks

Major risks include periodic volatility in the display market, lower production prices, and greater market competition. Additional risks may arise from the need to develop products that fulfill market needs, the performance of client companies that use LG Display products, the rising cost of parts and raw materials, and the overall industrial and economic climate. Its performance is also vulnerable to changes in foreign currency exchange rates. In particular, its operating income may be exposed to risks from the gap between currencies in expenditures and sales.

## Financial Risk Management System

### Risk Management

To properly address potential risks from declining sales prices, LG Display conducts cost-saving activities, including ongoing technological progress, expansion of productivity, and reduction of losses. Furthermore, the company thoroughly manages risks resulting from adverse fluctuations in exchange rates in foreign-currency denominated assets and borrowings.

### Risk Governance

To withstand currency and interest risks, LG Display maintains a special team inside the financial unit at headquarters. The unit assesses foreign currency positioning and risks, and reports and manages the results of the assessment. Other risks are controlled directly by employees at the department level. To strengthen internal controls on currency trading, the company also has a special team that confirms all contracts signed with financial institutions.

## Financial Risk Management

### Credit Risks

The majority of the company's clients are global electronic appliance manufacturers operating in global markets. Thus, the risk of defaults by the countries in which clients oper-

ate does not significantly influence credit risk. The company adjusts credit limits throughout the relationship with each client. It also analyzes each new client quantitatively and qualitatively before determining whether to utilize third party guarantees, insurance, or factoring\* as appropriate.

### Liquidity Risks

LG Display has historically met its cash requirements for investment expenditures because it has had sufficient cash flow from operations, and debt and equity financing. If the company is unable to generate adequate cash flow to meet its capital requirements from operations, it may rely on other financing sources, such as external long-term borrowing, offering of corporate bonds, or other debt securities. In addition, the company maintains lines of credit with various banks.

### Market Risks

LG Display defines market risk as the threat of potential loss on gains from, or fair value of, financial instruments held by the company, according to market indicators such as foreign exchange and interest rates or equity prices. The company keeps market risk exposures within acceptable parameters to optimize returns. Moreover, in order to manage market risks, it buys and sells derivatives, and uses financial liabilities.

### Currency Risks

LG Display is exposed to currency risks on sales, purchases and borrowings that are denominated in currencies other than its functional currency, the Korean won, including the US dollar, the euro, and the Japanese yen. In general, the company hedges currency risks by using the same currencies in both sales and purchase. To hedge other currency risks, the company uses forward exchange contracts, with most having a maturity of less than one year from the report date. It also deals with currency fluctuations by adopting policies to adjust discount levels for foreign-currency denominated receivables.

\* Factoring is a financing program through which financial institutions furnish manufacturers with funds secured from borrowers' accounts receivable including commercial paper and other bills of credit.

## Non-financial Risks

### Management of Non-financial Risks

LG Display broadly controls potential non-financial risks in fair trade, personnel management, labor, intellectual properties such as copyrights and patents, information protection, environment and safety, and product quality.

The company manages non-financial risks in four steps: the identification of potential risks caused by legal disputes or regulatory violations arising during normal operations; assessment of the probability and consequences of risk events; provision of mitigation strategies and plans; and monitoring of follow-up processes.

Since October 2009, LG Display has addressed potential legal liabilities that may arise in major non-financial risk areas. The company continues to improve the efficiency of its risk management through prevention programs and to extend its management targets to include overseas subsidiaries. It also provides guidelines for each area and reinvigorates communication with employees through on- and offline bulletin boards and letters, reinforcing their awareness of risk management.



| Education on Risk Management Guidelines |

### | Risk Management Processes |



# 1 Eco-friendly Products

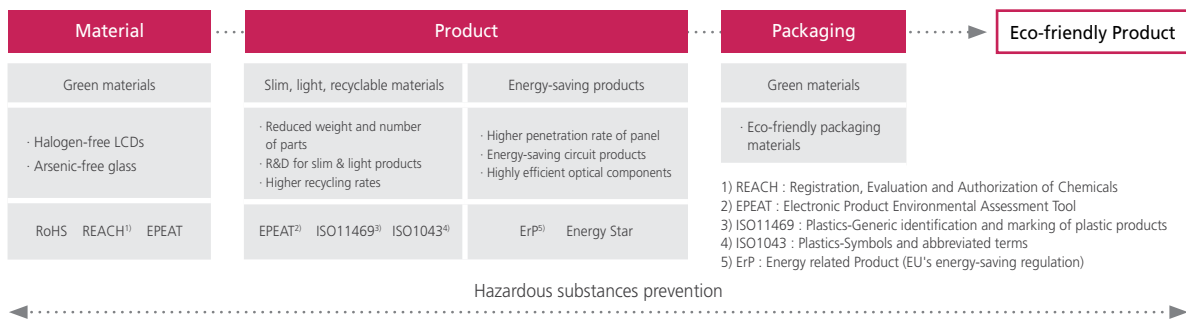
From raw materials to production and packaging, LG Display thoroughly minimizes hazardous substances in all production processes and develops eco-friendly products to negate any impact on the environment.

## An Eco-friendly Production System

The company prevents the use of hazardous materials in manufacturing and develops progressively more efficient and lighter products. LG Display has implemented a system for environmental management that prevents hazardous substances from entering every step of production, ranging from manufacture to storage and shipping.

This system responds to the diverse needs of its customers, promotes an eco-friendly corporate image, and enhances the ability of its products to compete on a global scale. LG Display remains committed to expanding the number of green products that it offers, increasing energy-savings as well safety for consumers.

### | Eco-friendly Manufacturing Process |



1) REACH : Registration, Evaluation and Authorization of Chemicals  
 2) EPEAT : Electronic Product Environmental Assessment Tool  
 3) ISO 11469 : Plastics- Generic identification and marking of plastic products  
 4) ISO 1043 : Plastics-Symbols and abbreviated terms  
 5) ErP : Energy related Product (EU's energy-saving regulation)

## Materials

In addition to the six hazardous substances defined in the European Union's Restriction of Hazardous Substances Directive (RoHS), LG Display restricts the use of bromine and chlorine in products using halogen. Since a halogen-free LCD was introduced for notebook computers in 2008, LG Display has gradually expanded its halogen-free products to cover almost all components produced in 2012. It also started using arsenic-free glass for panels in 2008. Since 2010, the company has finally used the eco-friendly glass for all panels it has produced.



| Notebook LCD with arsenic-free glass |

Halogen-free notebook LCD developed in 2008

## Product

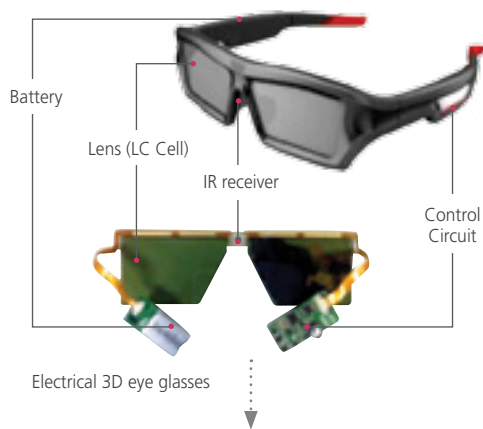
### Lighter Components

To cope with the rising demand for lighter and slimmer models, LG Display develops materials that minimize the weight of components, thus minimizing the number of the components in a given product. Although there are no environmental policies that require this practice, LG Display expects to reduce costs for distribution and packaging, and CO<sub>2</sub> emissions.

### Energy-efficient Products

The company's LED technology for TVs has been classified as a Class A Energy-related Product (ErP). To cope with stricter regulations and rising consumer demand, it continues to develop energy-saving products. To do so, it develops technologies that will increase the transmittance of panels, and the numbers of products featuring energy-saving circuit parts and efficient optical parts, including LEDs and LGPs. For example, it has introduced FPR-type 3D glass for 3D TVs, which is more convenient and lighter than SG-type glass due to its battery-free and flicker-free features.

#### | SG\* (Shutter Glasses) |



#### | FPR\*\* (Film-type Patterned Retarder) |

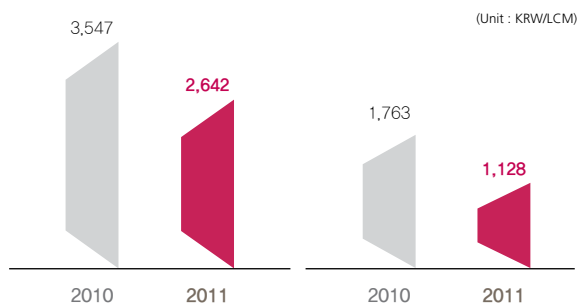


\* SG : A stereographic, 3D effect is created through eyeglasses that present quick, alternating sequences from left to right.  
 \*\* FPR : A 3D effect is created through a polarized film attached to a TV panel sending images to the left and right simultaneously.

## Packaging

To reduce effects on the environment, LG Display has developed eco-friendly packaging materials made of corrugated cardboard. Because of the advantages of this material in terms of the environment, quality, cost, and production, it saved 26% in raw material costs and 36% in distribution expenses, thereby contributing the company's profitability.

#### | Cost-reduction for Raw Materials | | Cost-reduction for Distribution |



### TV Industry's First Carbon Trust Certification

LG Display has assisted client companies in obtaining the first Carbon Trust certification in the international television industry. Carbon Trust is a U.K.-based organization seeking carbon reduction worldwide. In 2010, four models of TV sets received certifications, followed by other monitor models in 2011. Through this certification, the company earned opportunities to promote its leadership in green technology and product development. As a result, it was able to reduce its carbon emissions from 8% to 32% of carbon emissions by reducing overlapping components and by integrating the production process display modules with that of TV sets, the end-product.

#### | Carbon Trust Certificate |



Global TV industry's first Carbon Trust certification

## 2 Dream Marketing

As a life partner for its customers, LG Display concentrates on customer-oriented marketing activities and makes every effort to provide them with distinctive products and technologies. As a business-to-business (B2B) company, it strives to earn the satisfaction of corporate clients through development and presentation of the key drivers for their success, thereby creating mutual benefit.

### Beyond B2B Marketing

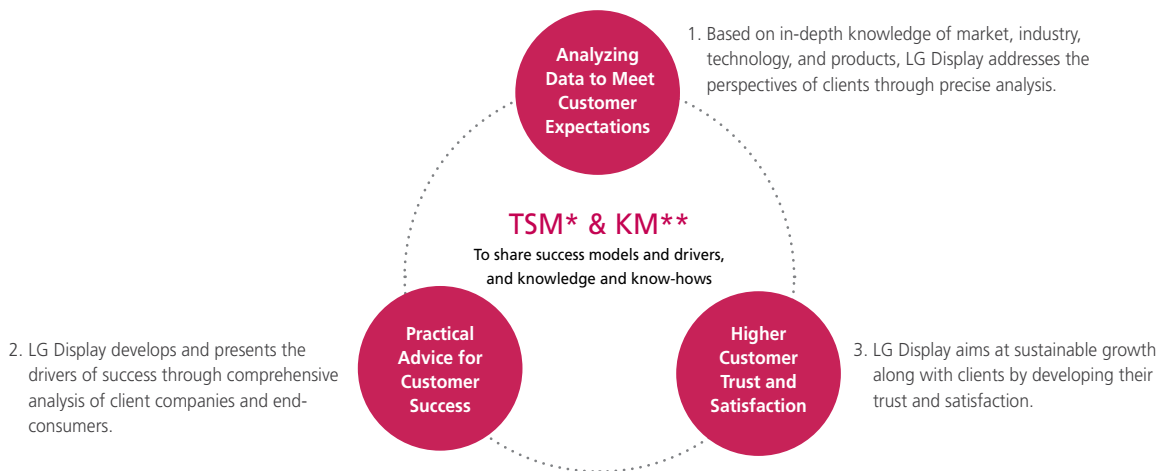
#### Dream Marketing Activities

LG Display analyzes trends among markets, industries, technologies, products, corporate clients, and consumers to provide the client with competitive products. Through such analysis, LG Display is stepping away from passive marketing activities as a B2B with passive reactions to customer requirements; rather, it offers a Dream Marketing plan that creates success for clients by reflecting their values.

The Dream Marketing plan utilizes customer-centered thematic approaches for marketing and analysis, including the value of win-win cooperative projects, and development of trust and satisfaction in the end consumer. It also periodically updates information on its activities.

In terms of its thematic approaches, the plan presents its clients with suggested drivers for success based on their stated objectives. Then, to lead clients to concrete results, it pays close attention to market data. Through joint projects, it also creates win-win situations with client companies by reflecting their suggestions and requests in its decisions on the development of its products and technology. Furthermore, it holds other collaborative activities to help clients achieve success, thus earning their trust and satisfaction. As a result, LG Display is growing into a top B2B marketing company that grows along with its client companies.

| No.1 B2B Marketing Company |



\* TSM (Transfer of Success Model) : An activity to identify and share success models with client companies, with the aim of embedding these models in corporate culture.

\*\* KM (Knowledge Management) : A management style that considers knowledge to be one of the company's core assets and that uses acquired knowledge to create additional value.

## Developing Insight into Consumers

LG Display understands the significant role of consumer surveys in devising successful marketing strategies that respond rationally and scientifically to the fierce competition in today's market. In December 2011, the company launched a consumer insight team to actively acquire, develop, and retain a consumer base.

The team conducts specialized surveys to understand consumer needs and market trends during every phase of marketing from concept development to after-sales services. It then uses these surveys to offer corporate clients outstanding ideas for businesses growth, combined with the company's cutting-edge technology, cost-effectiveness, and high-end quality.

### The Largest Share in the Global FPR 3D Market through Consumer-oriented Marketing Activities

#### FPR 3D Developed through Consumer Analysis

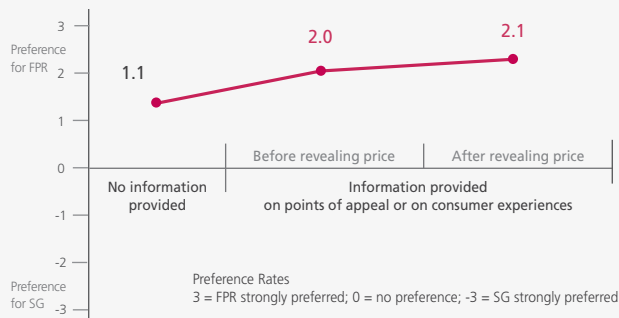
Through detailed consumer analysis, LG Display determined the appeal of FPR technology in the 3D TV market. In particular, as a result of surveys of end-consumers in China, it was able to narrow the gap between expected appeal and actual local needs. In conducting this research, it provided local consumers in China with a platform through which they could experience its products.

It also provided an opportunity for visitors to experience products, and it held targeted marketing activities during holidays such as Chinese New Year and Labor Day.

#### FPR Beats Shutter-Glass (SG) Technology in 3D TV

Based on consumer analysis after marketing, FPR 3D has defeated SG technology across a variety of comparisons and criteria. LG Display has received awards for more than 10 of the technologies it has invented for FPR, as well as for its marketing strategies.

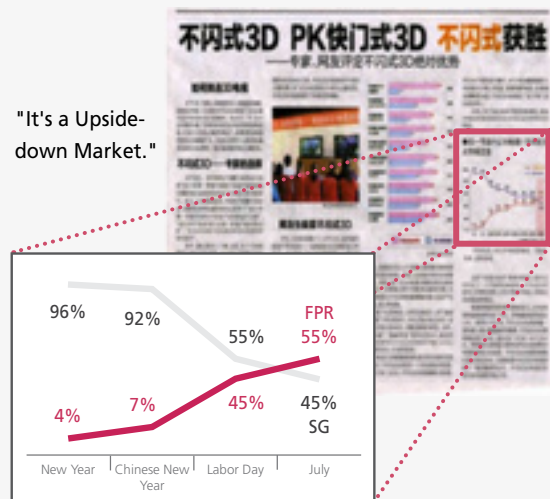
#### Chinese Preference for FPR over SG



#### B2BC Multi-channel Promotion

B2BC Multi-channel Promotion extends the targets for marketing activities from client companies to all participants in distribution and consumption. With a full array of marketing channels, it maximizes sales and returns.


As part of its localization strategies, LG Display named FPR 3D products in Chinese characters so that local consumers could better understand product features that use technical terms.



#### "Victory of 'flicker-less' 3D over 'eye-shuttering' 3D"

From a news article of Chinese's leading newspaper in April 15, 2011.

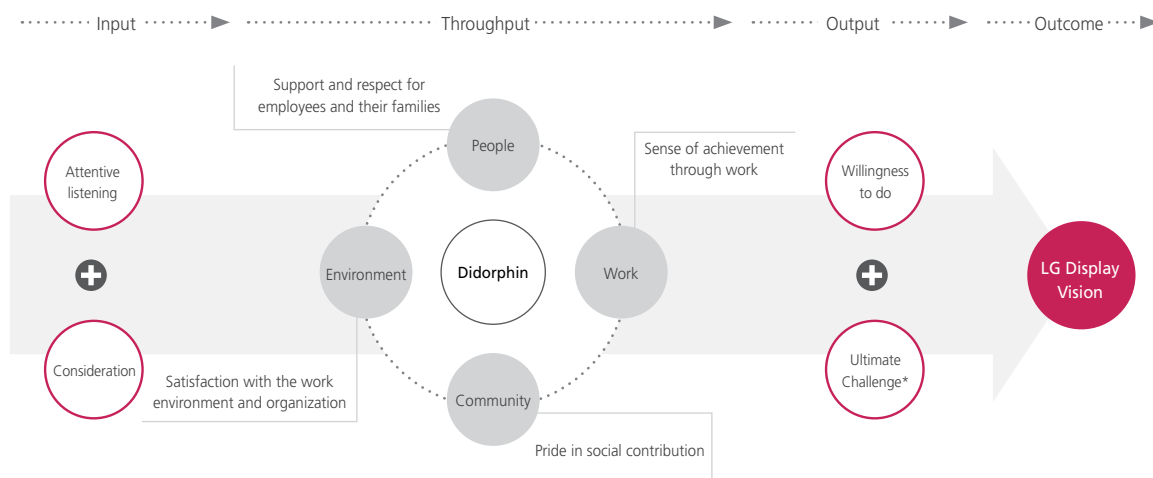
## 3 Joyful Workplaces

To make their workplaces attractive for everyone to work and grow together, all employees at LG Display practice the principles of the people-oriented LG Way management philosophy. This aim is conveyed by slogan "Joyful Workplaces." Through the enthusiasm, expertise, and teamwork that this philosophy has engendered in its employees, the company received the grand prize of the 2011 Great Work Place Award. 

### Joyful Workplaces Where Everyone Wants to Start the Day

To build a joyful workplace where everyone wants to start the day, LG Display listens to the opinions of its employees and demonstrates concern for their lives. Thus, it conducts a variety of activities to cultivate values in four key areas: people, work, environment, and community.

#### | Joyful Workplaces and Achievement of Vision |



### PEOPLE

#### In a Happy Home, All Goes Well

As one Korean proverb states, "In a happy home, all goes well." LG Display conducts social contribution programs tailored to each of its five target groups: the employees, their families, parents, spouses, and children. Annually, it collects feedback from each group, then designs a variety of programs to engage them, including family invitation events, free travel for parents, visits to universities, and presentations that will prepare families for higher education. To ensure their health, it also provides regional medical centers, psychological consultations, and massage services.

#### The Dream Tree Program

As the name suggests, Dream Tree is a program that helps employee follow their dreams. LG Display introduced the program based on the suggestions of employees. There are currently 33 employees participating in Korea and overseas. In one example, LG Display is helping employees become professional magicians so that they can participate in social contribution activities. In another example, it recently helped employees pay for the wedding ceremonies of their parents, who never had ceremonies because of financial difficulties.

\* Ultimate Challenge represents LG Display's commitment to achieving its corporate vision, with emphasis on innovative thought, rigorous analysis, and thorough preparation.



## ENVIRONMENT

### Nurturing Creativity and Autonomy

To provide its employees with a refreshing, active work atmosphere, LG Display furnishes a variety of break areas, including roof gardens, man-made lakes, soccer fields, jogging tracks, and Fun Zones. For their families, it holds a weekend farm program and youth soccer classes. In the company's Joyful Members program, divisional managers conduct periodic online and offline meetings, where participants share ideas, nurturing a positive corporate culture. This program also offers movie events.

### Serotonin Station

Through Serotonin Station, an employee care center with online and offline services, LG Display aims to become a life-time partner for employees and their families, with support for every stage of their lives, including financial consultations and educational assistance for children.



| A scene inside a Serotonin Station |

## WORK

### Analog to Digital (A2D)

Through its Analog to Digital (A2D) program, LG Display increases employee efficiency while also maximizing their creativity. The program enables employees to create a balance between their duties at work and their creative pursuits outside work. To do so, it helps them make use of digital technology, through four key enhancements to human productivity: standardization, categorization, systematization, and automation. Participants have the opportunity to optimize their work hours so they can focus on creative pursuits. Programs such as this in turn help the company attract top-tier talent.

The program started in 2011 for employees working in production, development, and materials management. It quickly expanded to include those working in R&Ds, those working in global logistics, those in corporate planning, control and management, and those at overseas manufacturing subsidiaries. Since its introduction, the number of ideas suggested by participants has reached 29,000, demonstrating employee interest.

## COMMUNITY

### Employee Volunteer Programs

As expressed in its slogan, "Embracing the dreams of future generations with LG," LG Display fulfills obligations in corporate citizenship by offering hope and encouragement to underprivileged groups in regional communities. To this end, employees take pride in the company through a variety of volunteer projects.

### The Grand Prize in the Great Work Place Award

In keeping with the company motto, "Make it a workplace where everyone wants to start the day," all employees of LG Display do their best to grow along with the company. As acknowledgment, LG Display has received the Great Work Place Award grand prize two years in a row: in 2010, in the manufacturing category, and in 2011 in the overall category. The company's CEO also received the award in 2011.

| A plaque of 2011 Great Work Place award |





## Sustainability Review 1.

# Production



### 2011 Key Performance Index

R&D-to-Sales Ratio

5.4  
%

No. of Patents Held at Home and Abroad

16,944

### Management Principles

LG Display focuses on R&D and investment in the next generation of core technologies, and it consistently strives for technological progress. With its teams of experts and systems to maintain the highest quality, it continues to boost customer satisfaction and lead the global market in displays.

### Challenges

- A slowdown in the TFT-LCD market along with a sluggish global economy
- Higher global competition for technological patents and intellectual property rights
- More exacting standards and higher customer demand for quality


### Opportunities

- Growth in new markets for smartphones and tablet devices
- Security in global competitiveness through patent-protected original technologies
- High-end quality and premium customer satisfaction to attract new high-net-worth customers

### Activities

- Continuation in core R&D projects to secure the engines of future growth, including displays that are flexible, 3D, and transparent
- Strategic patent management through development, purchase and licensing
- More advanced quality control through stronger management processes at home and abroad

# Innovation Management

LG Display concentrates on R&D activities and investments in the next generation of OLED and flexible displays. As it enters the next era, the company continues to ensure its own technological progress and to reinvigorate its R&D activities. 

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## R&D Structure

LG Display continues to develop new technology and maintain its market leadership in displays for TVs, notebooks, desktops, and mobile devices. To do so, it fosters its research and development capabilities through its LG Display Laboratory. With its own departments for technology and product development, it also continues to understand the changing needs of customers and introduces the latest technologies, thus retaining its competitive, technological edge.

## R&D Investment

LG Display continues to invest in R&Ds, and focuses on R&D in its investment portfolio, thereby reflecting its commitments to sustainable growth and technological progress. In 2011, it invested KRW 1.3 trillion in R&D activities, accounting for 5.4% of total sales and representing a 1.0% increase compared to the end of 2010.

## Original Technologies

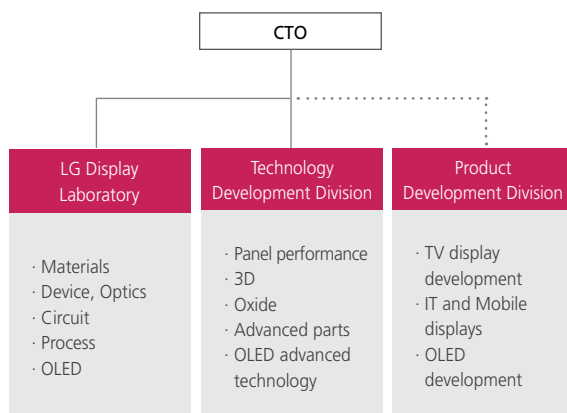
LG Display boasts the world's most competitive patents for displays. To maintain its advantage as a first-mover while developing original technologies, it actively pursues competitiveness for the future by developing, acquiring, and licensing patents in a variety of areas.

## R&D Performance

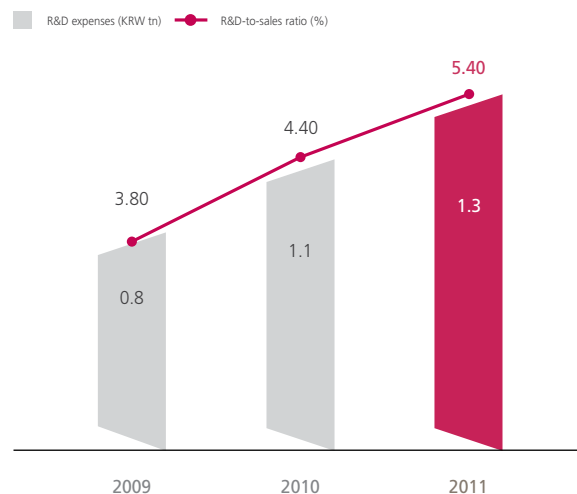
As of the end of 2011, LG Display held 16,944 patents, including 7,508 in Korea and 9,436 abroad. Thus, it holds the largest number of patents in the world for LCD. In recognition of this achievement, the advanced FPR 3D technology, and for its outstanding organizational approaches to patents, it received a presidential award at the 2011 Annual Invention Day. The following year, it also received the Bronze Tower Order of Industrial Service Merit for the world's first 55-inch OLED TV panel.

Since 2010, it has also been included in a value index in the display category of the Ocean Tomo 300 Patent Index. Ocean Tomo is a world-renowned intellectual capital merchant bank.

### | R&D Structure |



### | R&D Investment |



## Core R&D Projects in Next-generation Technologies

LG Display is earning a position as a global leader in next-generation technologies with its flexible, 3D, and transparent displays. It continues to develop new technologies and markets for display products for use in TVs, notebooks, desktops, and mobile devices.

### Flexible Displays

LG Display has achieved development of a breakthrough e-paper technology using e-ink and OLED-based flexible displays. As part of this development, it introduced the world's first 14.1-inch black and white e-paper in 2006, followed by color e-paper of the same size in 2007. In May 2007, it introduced a 4-inch full-color flexible OLED that can display video.



### Transparent Displays

Transparent displays, as depicted in science fiction films, enable viewers to see videos on transparent membranes. Through this breakthrough technology, viewers are able to watch TV news programs and navigate information using the windows of their living rooms. They are also able to use global positioning systems (GPS) on car windows. LG Display continues to stay ahead of the competition in this exciting field through constant, cutting-edge research and development.



## Case Study : Fulfilling the Nation's Quest for Future-oriented Technologies

### Transparent Flexible OLED Displays

LG Display is the lead developer for the Transparent Flexible OLED Display project, one of Korea's six major tasks to secure industry-leading, future technologies, organized by the Ministry of Knowledge Economy in an effort to make the country one of the world's five strongest developers of technology. The company expects KRW 82 trillion in sales, USD 56 billion in exports, and 84,000 jobs to be created by 2015 through the OLED project.



| Flexible OLED display developed by LG Display |

# Product Quality Management

LG Display builds mutual trust with customers through consistent, high quality products. In order to meet the highest standards in product quality, its special business unit oversees all product development processes from initial design to release. It conducts quality assurance assessments and inspections at all plants, including overseas factories.

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## Organizations and Structure of Quality Management

LG Display implements adaptable quality management units according to product line, production process, and region, thereby securing a high quality for customer satisfaction. In particular, through the development quality department, the company ensures the quality of new technology from the time it is conceptualized, enhances its technology for quality inspection, and optimizes its inspections and testing specifications. The company also continues to optimize quality, costs, and delivery times, thereby enhancing its quality-management system in Korea and abroad.

## Quality Management in Development

LG Display focuses on the fundamental issues and problems that can arise during development and prevents their recurrence. The company conducts defect-free development processes to achieve the highest results. To do so, it proactively identifies and addresses potential defects in products by examining the structure and functions of the new technologies that are being employed.

As part of its quality management center, LG Display has a special unit dedicated to maintaining the company's leadership in technology. It also conducts company-wide creativity exercises to ensure that it makes full use of all of its resources in seeking advanced technologies, through closer cooperation among all members.

The company's policy is to tailor the processes of technological development to the needs of each client, thereby striving to remain as faithful as possible to their strategic models. As it does so, it also pursues global standardization, confirms the appropriateness of technical specifications and inspection standards, and continually optimizes testing methods.

## Quality Management for Raw Materials and Parts

LG Display systematically manages the quality of raw materials and parts. Targets for the periodic management of the quality of parts have recently been expanded to include secondary and tertiary suppliers to verify their authenticity. The company also prevents overlapping or unnecessary processes between two suppliers by standardizing all inspection processes.

## Enhancements to Quality Management

LG Display provides firm guidelines for quality management in an effort to standardize the process. These guidelines are distributed throughout the company, along with registration processes, through periodic presentations and internal bulletin boards.

In addition, the company improves and optimizes its quality management processes through internal audits, which also enable it to prevent incidents that may affect product quality. These audits also enable the company to obtain international quality certification (ISO/TS).

## Extensions to Quality Management Processes

LG Display fully applies international standards of quality in all products manufactured overseas. To ensure that this is done, it conducts video conferences and mentor sessions between domestic and overseas worksites. Through its remote support system, the entire global network of LG Display communicates in real time.

Through the "1+1" system, the overseas subsidiaries are able to monitor and segment potential issues within 24 hours, resolving most issues within 48 hours.

## Sustainability Review 2.

# Environment, Safety, and Health



### 2011 Key Performance Index

Reduction of GHG Emission\*

827,453  
tCO<sub>2e</sub>

Cost Savings through Wastewater Recycling

18.6  
KRW bn

### Management Principles

With the intention of becoming a leader in the values of Green-growth, Environment, Safety, and Health--the GESH set of criteria--LG Display has established strategies to maximize corporate value and organizational competence, enhance the eco-friendliness of products, complete a GESH-driven management system, and improve its reputation as a global leader. In doing so, the company is dedicated to fulfilling its corporate citizenship, conducting clean and green production processes, and creating value for all stakeholders, thereby achieving its utmost goal in GESH.

### Challenges

- Stricter regulations for greenhouse gas emission reductions and energy conservation
- Extensions of eco-friendly management into supply chains
- Higher costs for industrial waste water due to higher environmental temperatures and water shortages

### Opportunities


- New revenue sources through carbon emissions trading schemes
- Greater competitiveness through sustainable management of supply chains
- Cost-savings from recycling and reuse of resources

### Activities

- Consistent greenhouse gas reductions and revenue creation through CDM projects
- Development of green projects through mutually beneficial relationships with suppliers
- Grading and recycling of waste water to strengthen usage and conservation

\* Figures include amounts of reduction in emissions expected during a growth in production and amounts of reduction in Sulphur Hexafluorid (SF<sub>6</sub>) in businesses focusing on clean development mechanisms (CDM). If difficulties are encountered in the measurement of the emissions, reduction amounts are measured based on theoretical and actual values in the operational changes of facilities, or on actual adoption of energy-saving practices.

## Responses to Climate Change

As the international community seeks countermeasures against climate change, LG Display also addresses climate change by reducing its own physical impact, complying with regulations in Korea and abroad, and introducing low-carbon products into the market. By doing so, the company more effectively analyzes climate risks and seeks market opportunities. 

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### Risks and Opportunities in Climate Change

#### Addressing Climate Risks

LG Display identifies and confronts risks from climate change with respect to regulatory, physical, and other factors. To adapt to stricter regulations regarding climate change, it identifies risk factors and conducts a variety of programs to reduce greenhouse gases (GHG), while also conserving energy. LG Display continues to develop ideas to minimize the consumption of energy and water to cope with global warming impacts such as more frequent occurrences of yellow dust storms. Moreover, it is seeking ways to minimize the effects of climate change on its corporate image and financial performance.

#### Using Opportunities from Climate Change

LG Display views the amelioration of climate change as an opportunity to create revenue and enhance corporate competitiveness. Abiding by regulations, the company carries out marketing activities and obtains appropriate certifications to do so. It also secures competitiveness in new green-growth markets by introducing distinctive products that address the uncertainties in supplies and demands for energy, as well as the rising costs of energy consumption.

#### | Risks and Responses to Climate Change |

Classification	Climate Change Risks	Responses
Risks	<b>Regulatory Factors</b> <ul style="list-style-type: none"> <li>· Potential penalty for the government's GHG target management program</li> <li>· Potential additional cost for GHG emission trading scheme becoming valid after 2015</li> <li>· Potential downturns in sales by disregarding regulations, including ErP and Energy Star</li> </ul>	<ul style="list-style-type: none"> <li>· The 3rd party assurance and report to the government for GHG inventory</li> <li>· GHG reduction and energy-saving activities</li> <li>· Participation in initiatives, including a GHG emission trading scheme in Korea and Energy Star in the U.S.</li> </ul>
	<b>Physical Factors</b> <ul style="list-style-type: none"> <li>· Higher temperature and water shortages : Potential rise in energy consumption and cost, and uncertainties in supplies and demands for electricity and water</li> <li>· Rising frequency of yellow dust : Potential defective products due to the lower cleanliness of clean rooms</li> </ul>	<ul style="list-style-type: none"> <li>· Development and investment in energy and water conservation</li> <li>· Countermeasures against yellow dust storms, such as periodic replacement of air filters</li> </ul>
	<b>Other Factors</b> <ul style="list-style-type: none"> <li>· Rising stakeholder demands on countermeasures and energy-efficient products</li> <li>· Deteriorating profitability amid market changes, including increasing raw material price</li> </ul>	<ul style="list-style-type: none"> <li>· Technology development for energy-efficient products</li> <li>· Cost-savings by minimizing components during designing process</li> </ul>
Opportunities	<b>Regulatory Factors</b> <ul style="list-style-type: none"> <li>· Revenues created by participating in the international GHG emission trading schemes</li> <li>· Promotion of eco-friendly products through Carbon Footprint certification</li> </ul>	<ul style="list-style-type: none"> <li>· Revenue creating from CDM businesses</li> <li>· Marketing activities with voluntary carbon label</li> </ul>
	<b>Other Factors</b> <ul style="list-style-type: none"> <li>· Product competitiveness from consumers' preference on energy-efficient applicants</li> </ul>	<ul style="list-style-type: none"> <li>· Development of energy-efficient products, including OLED TVs and solar e-books</li> </ul>

## Countermeasures to Climate Change

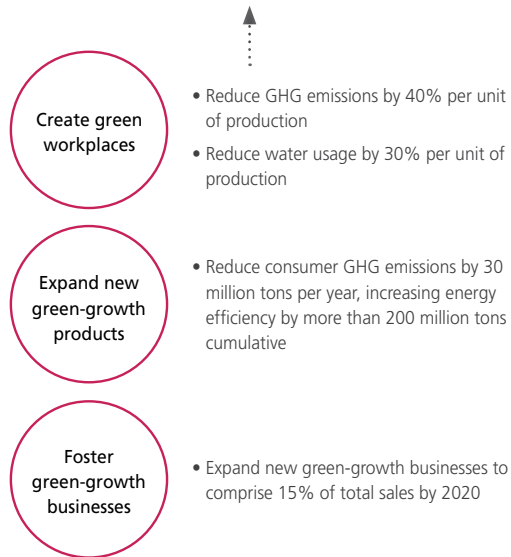
### GHG Reduction Systems for the LG Green 2020 Initiative

The LG Group recently established Green 2020, a set of eco-friendly management strategies with three strategic targets: create green workplaces, introduce green-growth products, and develop green-growth businesses. As part of the group, LG Display has implemented a company-wide system of countermeasures to seek sustainable, green growth.

In addition to existing energy-saving activities focused on energy suppliers and GHG reduction programs that eliminate greenhouse gas emissions, the company launched a task force to conserve energy from the perspective of the consumer. By securing clean production technologies, the company also reduces additional GHG usage in its manufacturing processes.

#### | LG Green 2020 Initiative |

#### Three Strategic Targets of LG Green 2020 Countermeasures to climate changes, Sustainability management through green-growth, Expansion of green products



### GHG Control and Energy Conservation

LG Display establishes GHG inventories at all workplaces, thus ensuring management of GHG emissions and energy consumption throughout the company.

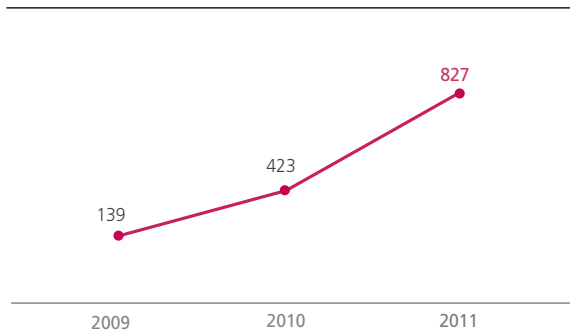
At workplaces within Korea, it regularly completes third party assurance processes, which comply with the government's programs for GHG and energy target management. Through consistent GHG inventory management, it continues to seek opportunities to save energy by gauging and analyzing levels of GHG emissions and energy consumption.

### Reduction Activities and Results

At workplaces, the company reduces GHG and energy consumption through a special system to assess energy-efficiency in facilities. It also recycles energy from wastes through recirculation of air desorbed from organic exhaust gases and recovery of waste heat. At waste heat recovery incinerators, it generates additional steam through the incineration of biomass, including dried organic sludge and wood chip fuels. It also seeks reductions in the LNG used during steam generation while incinerating external waste materials. As a result, LG Display saved 11,410TOE in fuel and 113,608 MWh in electricity consumption compared to expected usage volumes and production volumes\* in 2011.

#### | Amount of GHG Reduction |

(Unit: tCO<sub>2</sub>e in thousands)



- The amount of reduction is calculated based on the Korean government's guidelines for management targets in GHG emissions and energy consumption.
- Amounts include reductions of Sulphur Hexafluorid (SF<sub>6</sub>) in businesses focused on clean development mechanisms (CDM).

To promote employee awareness of energy conservation, the company maintains appropriate temperatures in offices and conducts overnight energy patrol programs, as well as holding company-wide environmental awareness events. It also encourages active employee participation through community activities and internal periodicals.

\* If difficulties are encountered in the measurement of usage volumes, reduction volumes are measured based on theoretical and actual values in operational changes of facilities, or on the actual adoption of energy saving practices.

### The First International LCD Company with a Business Focused on GHG Reduction

In 2010, for the first time in the international LCD industry, LG Display obtained approval from the United Nations Framework Convention on Climate Change (UNFCCC) for its CDM project, particularly for its efforts to reduce sulfur hexafluoride (SF<sub>6</sub>), a GHG emitted during LCD production. As one of six GHGs defined by the Kyoto Protocol, SF<sub>6</sub> has 23,900 times the effect of CO<sub>2</sub> on the climate. SF<sub>6</sub> is used for dry etching, during which unreacted SF<sub>6</sub> is emitted into the air. For GHG emission reductions, the unreacted SF<sub>6</sub> is combusted around 1,200 degrees Celsius, and then abated. LG Display has developed the SF<sub>6</sub> abatement system in cooperation with LG International Corporation. Under this system, carbon credits are traded with companies that have obligations to reduce their GHGs.

Between August 2010 and April 2011, the company was credited by the UNFCCC for 557,053tCO<sub>2</sub>e in GHG reduction. UNFCCC deliberation on the company's reductions since May 2011 is in progress.

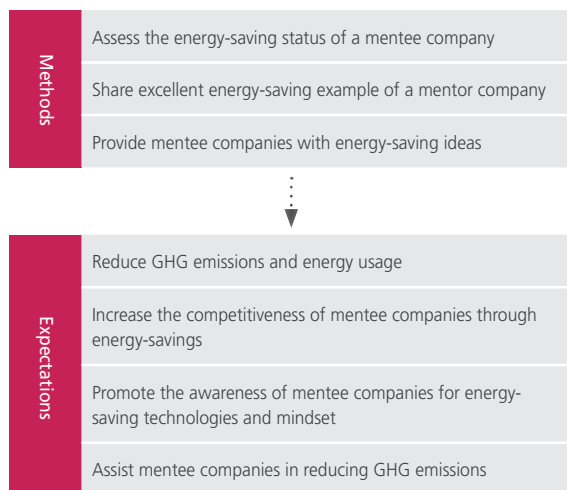
### Supporting Regional GHG Reductions

#### Mentoring Program to Stop CO<sub>2</sub>

In May 2010, LG Display signed an agreement with the government of Gyeonggi-do province to participate in the Mentoring Program to Stop CO<sub>2</sub>. As a participant, the company is offering support for regional GHG reduction activities from 2011 to 2015. In particular, the Paju plant has supported ENVITEK, an industrial waste treatment partner company, in developing ideas for deriving LNG through the incineration of organic sludge, as well as to assess energy efficiency and

provide thorough case studies, thereby reducing GHG emissions at workplaces. As a result, ENVITEK has reduced LNG usage by 48% compared to 2011, while reducing carbon emissions by 1,357tCO<sub>2</sub>e.

#### | Mentoring Program to Stop CO<sub>2</sub> |



Mentored by LG Display, the ENVITEK was named the outstanding company for the Mentoring Program to Stop CO<sub>2</sub> in June 2012

#### | Awarded by Gyeong-gi Province as an Excellent Mentor on CO<sub>2</sub> Reduction |

#### | LG Display's CDM Project |

Classification	Details
Project details	Securing carbon credits by abating unreacted SF <sub>6</sub> during the dry etching process in TFT-LCD manufacturing
Period	From August 2010 to July 2010 (ten years after a registration with UNFCCC)
Estimated reduction	1.2mn tCO <sub>2</sub> e per year
Applied technologies	SF <sub>6</sub> + Heating (1200 degrees Celsius, LNG) + H <sub>2</sub> O → HF + SOx + NOx
Participating companies	LG Display and LG International Corporation



## Countermeasures to Climate Change for Partner Companies

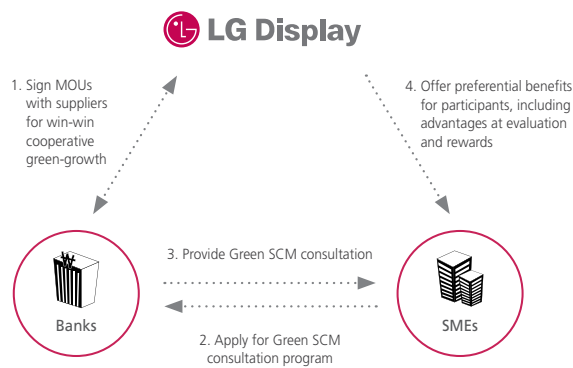
### CO<sub>2</sub> Emission Controls for Partner Companies

To address the rising corporate awareness of climate change and to offer a broader scope for GHG emissions management, LG Display has managed GHG emission data from its partner companies since 2009. In 2011, it collected GHG emission data from 83 suppliers, equaling 74.3 % of all LG Display partners that own manufacturing facilities in Korea. The results of this data collection revealed that suppliers emitted 837,669tCO<sub>2</sub>e of GHG.

### Green Partnership Programs

In cooperation with IBK bank, LG Display now provides a green supply chain management (GSCM) consultation service, which encourages its partner companies to adapt to stricter GHG reduction regulations. Through this service, LG Display encourages them to build GHG inventories and offers free consultations on energy efficiency.

#### | Cooperation Process of Green Partnership Program |




During the first stage of Green SCM consultations, from 2012 to 2014, LG Display will establish an integrated carbon management system with its suppliers. In the second stage, it will also seek mutually-beneficial relationships as it develops green-growth projects.

Through this win-win cooperation, suppliers are able to reduce GHG emissions and conserve energy, while LG Display meets demands from partners at home and abroad regarding carbon control and develops an eco-friendly corporate and brand image to attain more competitiveness.

#### | Details of GSCM Consultation |

Classification	Details
General	GHG management system <ul style="list-style-type: none"> <li>· Measure GHG emission</li> <li>· Estimate of future emission and risk assessment from stricter regulation</li> <li>· Software to record data of GHG emission</li> <li>· A manual for database of GHG emission</li> <li>· Education for employees in charge</li> </ul>
	GHG reduction plans <ul style="list-style-type: none"> <li>· Brainstorming for energy consumption assessment and GHG emission reduction</li> <li>· Plans for GHG reduction</li> </ul>
Optional	Customized consultation <ul style="list-style-type: none"> <li>· Detailed assessment for energy efficiency</li> <li>· Free third assurance for GHG inventory</li> <li>· Support for other certifications</li> </ul>

# GESH Management

As a global leader, LG Display is dedicated to making the world a better place to live through fulfillment of social responsibilities. Through the GESH management system, it continues to minimize its impact on the environment and maintain safe, healthy workplaces all employees. 

33

## GESH Management System

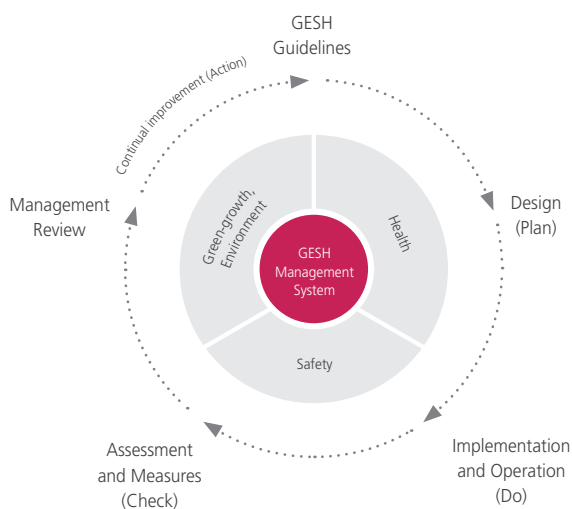
### Operations of the GESH Management System

LG Display conducts a company-wide management system to address issues in green-growth, the environment, safety, and health. The system provides a full process for design(Plan), implementation(Do), assessment(Check), and improvement (Action). The company periodically promulgates guidelines, objectives, and action plans for the system. It also screens all sections to ascertain whether they are complying with guidelines through internal deliberations, external deliberations, as well as management reviews. Results are reported to the CEO, who makes final determinations on system upgrades.

### Certifications for GESH Management

LG Display has earned certification for GESH management in all of its workplaces. It has obtained the ISO 14001 international certification for eco-friendly management, as well as the KS I 7001 and 7002 domestic certifications. It has also acquired the OHSAS 18001 international certification for safety and health. Furthermore, LG Display has been certified as a Green Company (GC) by Korea's Ministry of Environment a total of six times: for the Gumi 1 plant in 1997, the Gumi 2 and 3 plants in 2006, and the Gumi 4, 5 and 6 plants in 2008.

### | GESH Management System |



#### | ISO 14001 Certificate |

International certification for establishment and operation of an eco-friendly management system



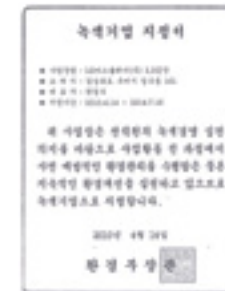
#### | KS I 7001, 7002 Certificates |

Korea's certification for establishment and operation of eco-friendly management systems



#### | OHSAS 18001 Certificate |


International certification for establishment and operation of safety and health management systems



#### | Green Company (GC) Certificate |

Certification for green businesses designated by the Ministry of Environment

# Eco-friendly Management

LG Display provides a variety of eco-friendly management systems, through which it makes every effort to minimize environmental risk or impact that may occur during daily operations. These systems enable the company to identify and reduce effects arising from resource usage, hazardous chemical management, and disposal of hazardous materials. 

## Green Environment Management System

### Management Aims

Through its green environment management system, LG Display conserves resources and efficiently uses energy. It minimizes GHG emissions and the production of environmentally hazardous materials, and it concentrates on socially responsible and ethical management. Abiding by ISO 14001, it conducts eco-friendly management and manages energy consumption and GHG. These practices are a large part of how the company fulfills its obligations in corporate citizenship.

In 2012, the company is focused on earning certifications for the eco-friendly management of its new facilities, including P9 and M5, as well as fully implementing a streamlined computer system.

### | Eco-friendly Management Performance Index |

Key Targets	Unit	2011 Target	2011 Results	Achievement level
<b>Key Managerial Targets</b>				
Target established	%	92	92	■
Percentage of green product	%	100	100	■
Hr. of education and training	Hour/Person	5	5	■
Violations at worksite	Times/Year	0	0	■
Disclosure period for green management	Year	1	1	■
<b>Key Operational Targets</b>				
Energy consumption	TJ/Year	61,421	53,036	▣
Direct GHG emission	ThutCO <sub>2</sub> e/Year	3,555	2,917	▣
Indirect GHG emission	ThutCO <sub>2</sub> e/Year	2,370	2,674	□
Water usage	Mn. tons/Year	81.6	71.7	▣
Waste recycled	%	68	72	▣

■ : Target achieved, ▣ : Target exceeded, □ : Target shortfall

## Reduction of Environmental Impact

### Water Quality Management

To prevent water contamination, LG Display conducts a 24-hour monitoring system for water at its control center. With the installation of an automatic drainage system that transfers potential hazardous chemicals into its own wastewater treatment facilities, it also prevents the inflow of hazardous substances into rivers and streams.

The wastewater at the Gumi plant is first treated onsite, then transferred to a sewage treatment plant in Gumi City, then finally discharged into the Nakdong River. Due to the company's strict management of wastewater, which keeps pollution concentrations at less than 50% in adherence to related laws, there have been no reports of water contamination from regional communities. As part of an agreement with Gumi City on the principles of "One Company, One River," it also participates in cleanup of natural ecosystems surrounding rivers, streams, and pastures in the area.

The wastewater disposed from Paju plant is also first treated at the plant, then finally used in the water reserve in Manwoo Stream. The shorelines of the Manwoo Stream provide



| "One Company, One River" Program at Gumi plant |

recreational space for citizens, and there has been no report of water contamination in the stream since the Paju plant became fully operational in 2005. As part of the "One Company, One River" program, the company also inspects water conditions each month.

### Air Pollution Management

LG Display classifies the components of its air pollution management system by process and raw material, thus ensuring the efficiency of treatment. In addition, it actively participates in the government's programs and develops new technologies, further maximizing management effectiveness.

At the Gumi plant, the company succeeded at improving its treatment of hydrogen chloride by 80% and fluorine by 95%. These two GHGs are emitted by expanded chemical vapor deposition equipment.

At the Paju plant, the company has upgraded its incineration system for waste gases by implementing a plasma oxidation process, the first such upgrade in Korea, thereby eliminating LNG usage and preventing release of secondary polluting substances. It changed the humidification system in clean rooms from steam to water injection, and it installed a recirculation system for air desorbed from organic exhaust gases. In recognition of these efforts, the company received an award in 2011 from the Metropolitan Air Quality Management Office for excellence in voluntary air management.

### Management of Imported Chemicals

In compliance with the Toxic Chemicals Control Act, LG Display has implemented an e-procurement system for imported chemical substances.

Led by experts in environmental technology, it has streamlined its management of the process to require all chemicals imported under the company's name to be registered for application prior to import.

On April 16, 2012, it launched a management system for imported chemicals. Since then, all divisions have held three employee education sessions covering related regulations and systems.

#### | Management System for Imported Chemicals |

1. Input data on chemicals
2. Attach a written confirmation of details for chemical products and input submission dates for that confirmation
3. Attach documents on examinations for toxicity or exemption from those examinations
4. Attach a report on importation of toxic substances
5. Attach a report for substances under observation
6. Attach an application to import a restricted or prohibited substance

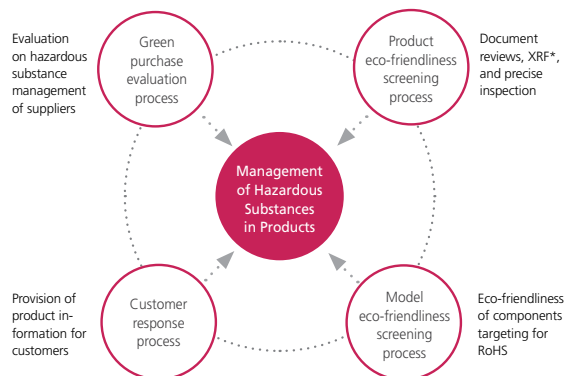
### Management of Hazardous Substances in Products

In adherence with the guidelines on management of hazardous substances, LG Display conducts inspections of products and models. In addition, it operates a green procurement system to assess, through visitation and written evaluation, fulfillment by partner companies of hazardous material management.

LG Display is also implementing a customer response system through which it discloses information on hazardous substances, addressing customer inquiries about these substances while complying with regulations.

It also actively participates in ongoing efforts to standardize international RoHS analysis. As a project leader, the company has implemented the amendment to the IEC 62321 international standard on analysis of hazardous substances. As part of these efforts, it is petitioning for the implementation of combustion-IC, an inspection standard for halogen-free products.

#### | Management Process of Hazardous Substances in Products |

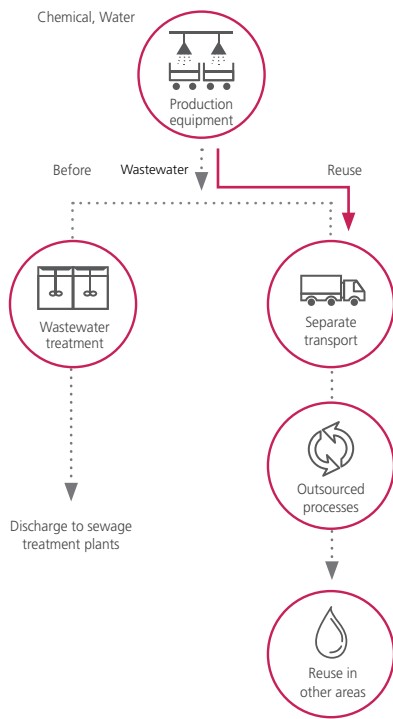


\* X-Ray Fluorescence Spectroscopy (XRF) is widely used in elemental and chemical analysis.

## Reuse of Wastewater

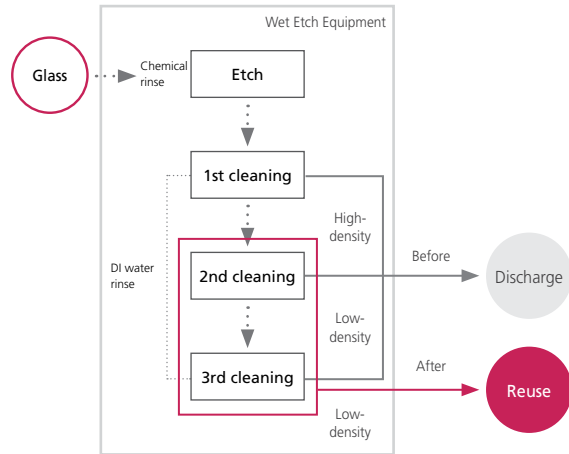
To increase the reuse of wastewater, LG Display reclassifies wastewater according to its characteristics and transfer it to a wastewater recycling system. High-density wastewater is transported separately to outsourced recycling companies where it is reprocessed, then reused by other companies in their wastewater treatment chemicals. The company expects to save KRW 160 million in high-density wastewater recycling processes.

### | Treatment of High-density Wastewater |



Ultra-pure water, deionized (DI) water, is used to clean the glass of products. The wastewater from this process is then reused in low-density wastewater, amounting to KRW 48.4 million tons every year, comprising 53.9% of annual water usage. The company expects to save KRW 18.6 billion from the reuse of low-density wastewater.

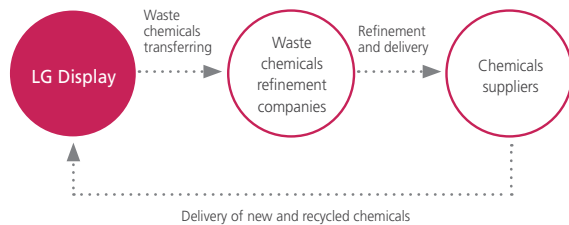
### | Reuse of Low-density Wastewater |



## Reuse of Chemical Wastes

By recycling waste chemicals, the company expands the supply chain of chemicals that are currently dominated by imported products. In 2003, the company launched a task force on the refinement of waste chemicals to maintain the quality of refined chemicals while saving costs for these chemicals. To do so, it conducts R&D activities and invests in facilities for new technologies to reuse waste organic solvents discarded by plants. It is also integrating its recycling system with refinement and manufacturing companies to reuse waste chemical materials.

### | Recycling System of Chemical Wastes |



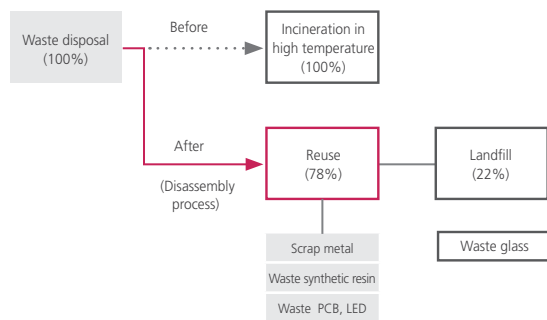
### Recycling of Waste Material

LG Display has implemented a disassembly process for LCD module waste, which occurs primarily during the development stage, to prevent technological information from leaking and to better reuse its resources. LCD modules were at one time incinerated, but the company currently recycles 78% of the

waste from module production for use as other resources, thereby saving KRW 1.5 billion each year.

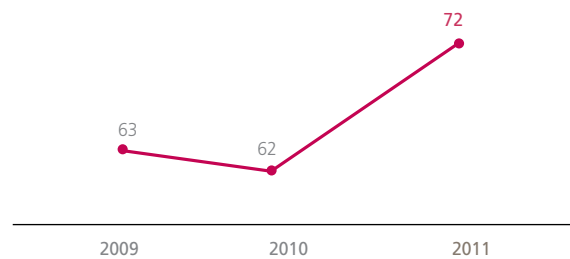
Under the terms of the Basel Convention, the company does not export, import, transport, or treat hazardous waste.

| LCD Module Wastes Disassembly Process by Component |



| Recycling Rate of Wastes |

(Unit : %)



• In 2011, the weight of recycled materials in total wastes disposed from LG Display increased by 16% compared to 2010.

### Awarded for Excellence in Resource Recycling

In 2011, the Paju plant was recognized by the Ministry of Environment as an excellent workplace for its reduction and recycling of waste materials. Through development of eco-friendly technologies and process innovations, it proactively eliminates waste substances from production, contributing to the nation's environmental conservation and low carbon, green growth programs.



# Management of Safety and Health

LG Display believes that the health and comfort of employees in their workplaces are its most important responsibilities. It also considers these to be the most significant factors ensuring sustainable growth into the future. Thus, the company continues to improve its safety and health management through a variety of support and communication channels.

## Safety and Health Management System

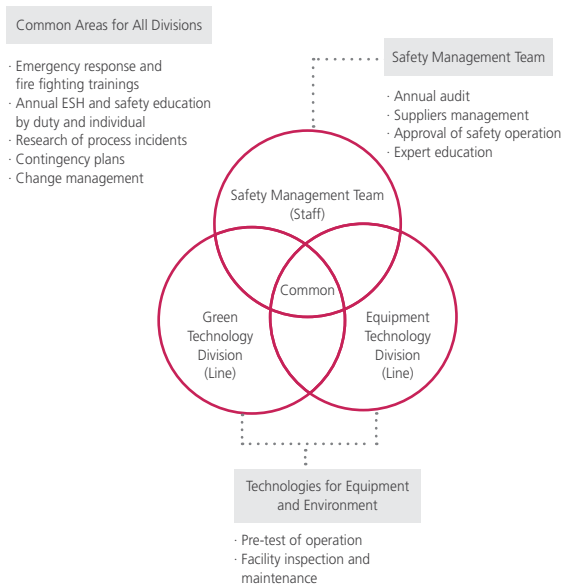
### Industrial Safety and Health Committee

With the participation of 40 labor union members and 40 top managers, the Industrial Safety and Health Committee seeks to create safe, comfortable workplaces. Every quarter, the committee convenes to discuss the prevention of incidents that may occur in the line of duty, improvements to working environments, and enhancements in employee health.

In 2011, the company conducted a Safety School for top managers and prevented incidents through a system to collect suggestions on safety. The company also continues to operate in-house medical centers and assists long-term female employees with special health exams.

### Safe Workplaces

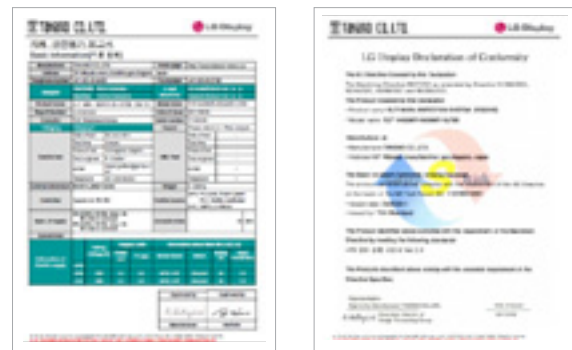
#### | Process Safety Management |



Through the process safety management (PSM) system, all workplaces at LG Display carry out comprehensive safety management for all processes. This starts with the design of new processes, followed by safety checks, establishment of risk management structures, introduction of new facilities, process changes, and test-drives. With cooperation among safety management teams at each plant, divisional technicians for equipment, and environmental technology experts, the company identifies different roles and responsibilities in the management of all processes throughout the installation of new facilities.

### Safety Certification Programs

LG Display conducts safety certification programs for equipment, in line with the standards of other certification programs. Since 2008, the criteria for certification have expanded to include all new equipment in introduced in 2010. In addition to safe use of new equipment, the certification program also prevents incidents in basic criteria such as safety, reliability, and safety checks for existing equipment.



#### | Equipment Safety Certificates |

Self-evaluation report for the safety of new equipment (left) and safety certificate (right)



## Activities in Safety and Health Management

### Safety School

In addition to its programs on processes and equipment, LG Display conducts a Safety School program tailored to divisional task and role. The courses of the school cover various topics ranging from basic safety knowledge to highly specialized on-the-job training such as firefighting. The School aims to eliminate incidents at workplaces and to provide rapid countermeasures when emergencies do occur.

### Safety Management Performance

As is evident in its array of systematic safety and equipment management processes and employee education services, LG Display places the highest priority on safety. As a result of these programs, the incident rate at workplaces in 2011 fell by 54% year-on-year.

#### | Incident Rate |

(Unit : %)



• Calculation: (No. of persons in incidents/No. of total employees) X 100

### Comfortable Working Environments

LG Display makes every effort to provide comfortable workplaces for employees. One way that it does so is by preventing musculoskeletal disorders, which are currently a common problem in workplaces throughout Korea, by protecting employees at high-temperature worksites, and by inspecting local ventilation systems independently.

### Employees Health Promotion

For employees aged 35 or more, LG Display provides comprehensive annual health exams. Through an in-house medical center and health management centers, it also provides other medical services throughout the year. It operates a mothers' lounge for expecting mothers and childbirth classes for new parents.

In addition, LG Display holds special lectures providing health information and addressing individual healthcare interests. It also has fitness test rooms where employees may check muscular strength, quickness, endurance, and flexibility through consultations with medical teams and fitness trainers. These services have decreased the rate of abnormal findings in periodic health exams. The company also actively employs a scenario-based approach to prevention of new diseases.



Each six months, a program outsourced to medical experts assesses risk factors in company work environments.

#### | Assessments of Work Environments |



A fitness test center is provided to assist employees in their own health management.

#### | Fitness Test Center |



## Sustainability Review 3.

# Employees



### 2011 Key Performance Index

Hours of Education and Training

1.8  
mn

Education and Training Expenses

25.3  
KRW bn

### Management Principles

LG Display considers its employees to be the best resources for the company, and thus, it follows the principles of people-oriented management. Through a variety of communication channels, it builds cooperative labor-management relationships based on strong mutual trust.

### Challenges

- Increasing consideration of talented employees as the source for unmatched corporate competitiveness amid higher industry competition
- Stricter regulations and more stakeholder interest in the working environment and the diversity
- Rising demands from employees for a balance between work and other parts of life


### Opportunities

- Stronger corporate competitiveness by recruiting and fostering talent
- Improvements to the corporate image through the hiring of social minorities
- Higher employee satisfaction through a wider variety of communication tools

### Activities

- Hired and cultivated talent based on the stated charter of the Man of Ability and driven by the LG Way
- Secured outstanding college graduates through the LGenius Program, an on-board training program for selected undergraduate students
- Conducted a range of channels for employee communication, including the Labor-management Council, the Fresh Board, and internal news periodicals

# HR Recruitment

With its awareness of the important role of its employees in creating customer value, LG Display strives to nurture high-caliber talent who possess a strong sense of ownership and pride in what they do. It concentrates on securing R&D experts as the company's future growth engines, while attracting global talent in the Americas, Asia, and Europe to expand global competitiveness. 

## Recruitment based on People-oriented Management Philosophy

### Charter of the Man of Ability

LG Display is confident that its human resources are the most significant assets for long-term growth. Abiding by the principles of people-oriented management, it continues to increase employee value by providing them with fair opportunities for self-improvement. As it hires and fosters talented employees, it observes the charter of its Man of Ability.

#### | The Charter of the Man of Ability |

1. We provide a creative environment where all members can produce results, firm in our belief that talented people are the best resources for the company. We acknowledge and reward the talent that leads us toward creating our "Global No. 1" technology.
2. We actively procure and nurture the right talent for LG Display.
3. We respect each other's autonomy and creativity.
4. We do not fear failure, and we challenge ourselves to set extreme goals in our effort to be the best.
5. We work together to create a joyful environment where employees look forward to working everyday.

## Attracting Top Talent

### Securing Outstanding Undergraduate Students

In cooperation with 10 domestic universities, LG Display conducts the LGenius Program, through which it recruits 250 science and engineering graduates on average per year. It trains selected undergraduates in their majors for one year before graduation and offers hands-on experience with technology. It assists the top 30% in financing their graduate studies.

### Recruiting High-caliber Postgraduate Candidates

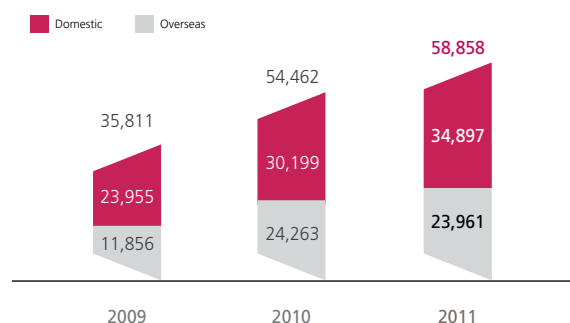
Through industrial-academic cooperation with Seoul National University, Korea Advanced Institute of Science and Technology (KAIST), and Pohang University of Science and Technology (POSTECH), LG Display assists 55 students per year in their masters and doctoral studies. Selected students have the opportunity to nurture their own talents by working along with mentors in their field on a variety of projects.

### Global Scholarship Programs

LG Display provides several scholarship programs for students in masters and doctoral programs at home and abroad. It assists these scholars as they earn their degrees and provides them with opportunities to participate in academic conferences, meetings with the company's top management, industrial-academic cooperative projects, and a mentoring program.

| No. of Employees |

(Unit: persons)



| A ceremony for industrial-academic cooperation |

## Attracting Global Talent

### LG Techno Conference

Along with other affiliates of the LG Group, LG Display holds recruitment events in the form of conferences where the company presents a clear vision and assessments of its business potential to top global R&D talent. Each year, it periodically holds recruitment events to seek students studying at U.S. universities in software development, electronics and electrical engineering, mechanical engineering, new material engineering, telecommunications, and chemistry. These recruitment events also seek experienced, top-tier individuals from several local industries.

### Recruitment of Korean Students Studying Abroad

LG Display holds annual presentations for recruitment, consultations on career development, and interviews for Korean students studying at overseas universities and working in laboratories. Each year, between 50 and 70 students are recruited from the U.S., Japan, China, and Europe.

### Global Recruitment

LG Display has a Global Open Innovation Team at its headquarters, along with overseas laboratories and Technical Centers in the U.S., Japan, and Taiwan, thereby enhancing global networking for R&D activities, as well as finding and securing outstanding human resources from local industries.

| % of Overseas Dispatched and Local Employees |



## Human Rights and Diversity

### HR Management That Respects Human Rights

LG Display respects the freedom of all individual employees at their workplaces and promotes fairness in work conditions. In observance of the labor standards and regulations of international organizations such as the United Nations and International Labour Organization, LG Display prevents any discrimination or disadvantage based on gender, race, age, and ethnic origin. It also strictly prohibits any form of forced labor which involves physical or mental threat, and any child labor for those younger than 15 years of age. In addition, the company guarantees the right to free association and collective bargaining.

As part of its localization strategies for overseas markets, LG Display also fully complies with the local labor regulations and guidelines of each country and region where it operates, and it continues to expand opportunities to recruit local talent in these areas.


### A Subsidiary for the Disabled

In March 2012, LG Display founded Naneum-Nuri, a subsidiary for disabled employees, to create jobs for socially marginalized groups and to promote their financial independence. As a standard workplace for the disabled, the subsidiary hired 77 disabled persons as of June 2012 for environmental improvement, healthcare assistance, and café service at the Gumi and Paju plants. Beyond job creation, LG Display fulfills its obligations in corporate citizenship through phased training courses customized for the disabled.



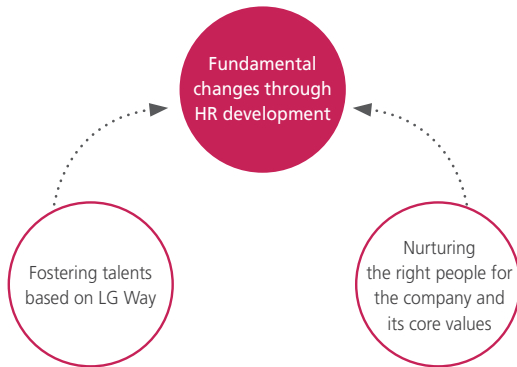
| An opening ceremony for a subsidiary for the disabled |

# HR Development

LG Display nurtures its employees in ways that create corporate value. It recognizes the importance of selecting the right people for the company and its core values in achieving stronger competitiveness. It strives to reach its highest goals by strengthening the core competencies of individual employees through systematic HR development. 

## Systematic HR Development

### | Direction of HR Development |



The IDP enables individual employees to review and improve their own capabilities independently. The self-assessments are followed by career coaching provided by their team leaders to assist them in completing their plans with in-depth knowledge accumulated from years of experience. The company makes every effort to meet the real needs of employees in the development of their careers by improving related guidelines and systems.

The IDP continues to contribute to mutual understanding among employees and to strengthen the capabilities of individuals, thereby developing the fundamental competitiveness of LG Display.

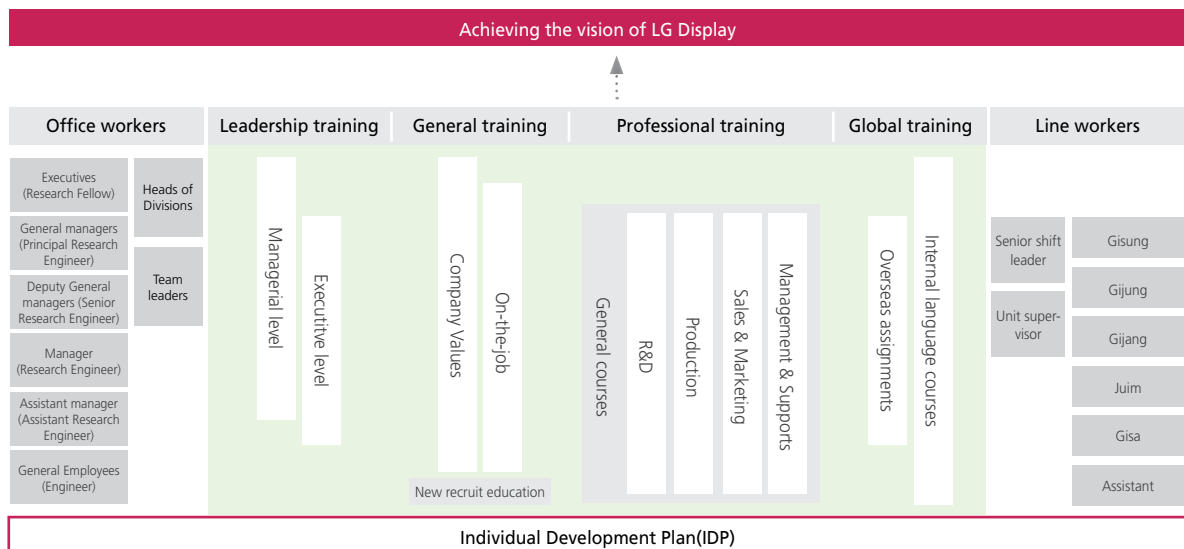
### Individual Development Plan (IDP)

LG Display utilizes an Individual Development Plan (IDP) program to increase individual satisfaction in employees and to support career development.

### HR Development Based on Core Values

To secure its competitiveness and create customer value, LG Display assists its employees in becoming top-tier talents armed with on-the-job skills and global competence. Based on the LG Way and the core values of the company, it leads various HR development programs to secure core competencies as well.

### | Position-oriented HR Development |



\* Titles in parenthesis are for R&D staffs.

### On-the-job Training

LG Display offers all employees opportunities to participate in a variety of on-the-job training, or non-training programs, that can be customized to each field and duty. Through links with training courses for new recruits, the intensive courses for on-the-job training were designed with pragmatic approaches, using practical knowledge and technologies accumulated through real experience in the field. As a result, LG Display is able to help its employees understand their own duties and adapt to corporate culture as early as possible, thereby improving the overall competitiveness of the company.

### Fostering Leadership

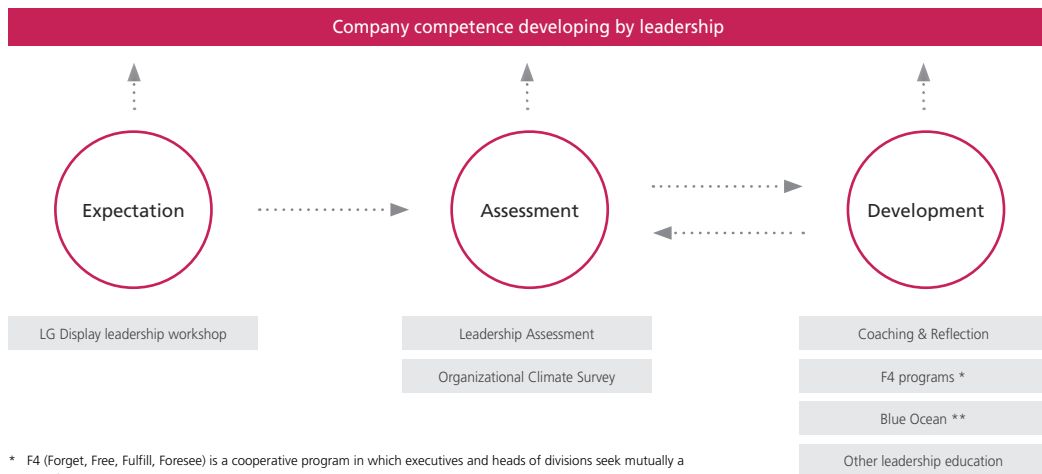
LG Display nurtures leadership through a comprehensive process that emphasizes the importance of its leaders in developing the company's core competencies. The company defines the leadership qualities it expects at the executive level and in all employee positions. It provides periodic assessments and feedback so that its leaders can review their own capabilities and styles.

LG Display nurtures the next generation of leaders and demonstrates the value of open communication through Leadership Workshops, where unit managers present case studies to regular employees.

### | Competence-oriented Education Programs |

Competence	Programs
<b>Leadership</b>	<ul style="list-style-type: none"> <li>· Leader coaching</li> <li>· Leadership improvement</li> <li>· Small group leader reflection</li> </ul>
<b>General</b>	<ul style="list-style-type: none"> <li>· On-board training for new recruits (including mentoring)</li> <li>· Position-oriented                             <ul style="list-style-type: none"> <li>- New, experienced, promoted, future CEOs, new executives</li> </ul> </li> <li>· LG Way education, value education</li> <li>· Basic skills                             <ul style="list-style-type: none"> <li>- communication skills, etc.</li> </ul> </li> <li>· Online sessions</li> <li>· Special lecture of outside experts</li> </ul>
<b>Professional</b>	<ul style="list-style-type: none"> <li>· Intensive, in-depth education</li> <li>· Participation in projects</li> </ul>
<b>Global</b>	<ul style="list-style-type: none"> <li>· Foreign service employee (FSE), overseas dispatcher</li> <li>· Linguistic capability</li> </ul>

### | Leadership Development Process |



# Evaluation and Compensation

LG Display rewards its employees according to their performance and contribution toward the company's business growth. To do so, the company carries out integrated, long-term evaluations of employee performance and contribution. Based on results from these evaluations, the company continues in its performance management to boost both individual and company performance simultaneously.



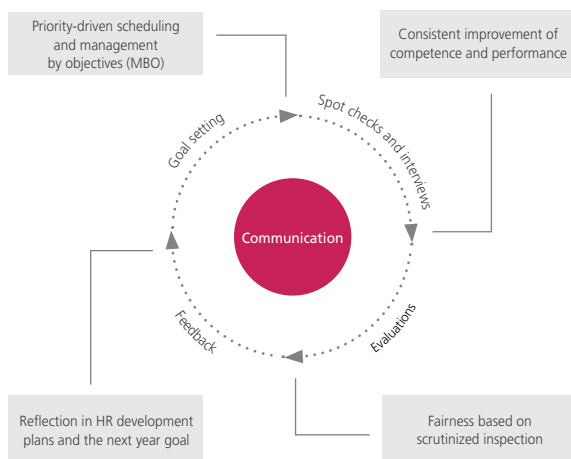
## Fair Evaluation and Compensation

### Performance Evaluation and Management

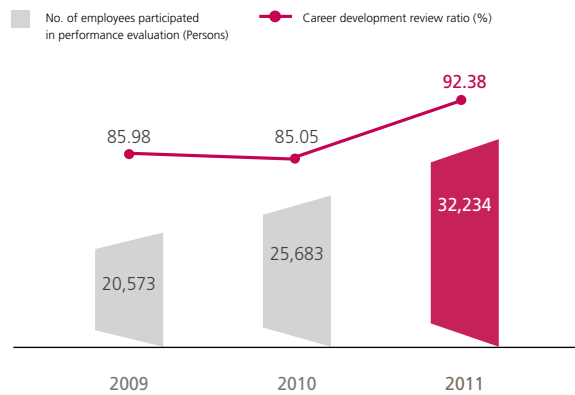
LG Display maintains fairness in all evaluations, and this principle allows employees to set their own performance goals independently while providing them with a variety of support to help them reach their goals. Performance goals are evaluated through steps that include competency evaluation, periodic interviews, and feedback. Performance is evaluated comprehensively based on individual records and capabilities and is focused on the strategic nurturing of talent.

Through interviews conducted during midterm performance evaluations, LG Display narrows the gap between company and individual performance targets and seeks better ways to help employees understand evaluation results. While doing so, it looks toward its goal of nurturing talent, and it reflects evaluation results in how it manages its various business areas.

### | Performance Management Process |



### | Performance Evaluation and Career Development Review |




### Fair Compensation

Through fair performance evaluations, LG Display also implements comprehensive compensation systems to encourage employee motivation and teamwork, thereby achieving better performance. It adheres to a performance-based compensation system. In addition to the financial, it also provides non-financial rewards, including welfare, opportunities for self-development, improvement of work environments, and acknowledgement and positive feedback, thereby increasing the engagement of individual employees in the organization.

### | Compensation Structure |

Compensation	Details
Profit Sharing	Compensation according to the company's performance
Vision Incentive	Compensation for short-term performance including tasks and projects
Personal Incentive	Separate compensation according to individual performance
Basic Salary	Compensation according to individual competence and performance

# Welfare and Benefits

To fulfill employee needs and expand welfare programs, LG Display provides a cafeteria welfare program, which gives employees the satisfaction of being able to choose benefits. It provides a variety of welfare and benefit plans so that employees can focus on doing the best work they can for the company. 

## Various Welfare Programs

### Support for Healthy Lives

LG Display assists employees and their immediate family members with medical expenses. It also provides periodic health exams and personal leaves, including vacations as required by law. Every three years, employees can take a two-week personal leave.

Through fitness centers at its buildings and yoga classes at domestic and overseas plants, employees can easily maintain their health despite their busy lives. LG Display provides employees with spaces at each of its buildings for health and well-being, including cafés, Lady's Care Zones, help desks, and Well-being Rooms to check health conditions.

### Improvement of Life Value

Employees are able to choose welfare programs according to individual preference and lifestyle. In doing so, they maintain a balance between work and other aspects of life through self-development opportunities and leisure and recreational facilities. With more than 300 employee clubs, LG Display cultivates friendship and communication among employees.

### Support for Stable Lives

LG Display provides employees with financial assistance to help them concentrate on their duties while developing pride in the company. To encourage the social participation of women, the company also provides maternity leave and child day care centers at many of its facilities. It also delays retirement for employees in research and development, and it ensures stable income for retirees through its retirement pension program.

### | Welfare and Benefits Program |

Supports	Details
Healthy lives	<ul style="list-style-type: none"> <li>· Medical expenses for employees and their immediate family members</li> <li>· Health exam for employees and their spouses</li> <li>· Vacation as required by law, paid summer vacations, long-term leave</li> </ul>
Quality lives	<ul style="list-style-type: none"> <li>· Cafeteria welfare program                             <ul style="list-style-type: none"> <li>- Grants of KRW 1 million for points earned</li> </ul> </li> <li>· Employee club activities                             <ul style="list-style-type: none"> <li>- Sports, hobbies, studies, regional, and volunteer works</li> </ul> </li> <li>· Use of recreational facilities such as condominium and training institute</li> </ul>
Stable lives	<ul style="list-style-type: none"> <li>· Tuitions for employees' children, and siblings of heads of household</li> <li>· Interest for housing loans, company housing, dormitories</li> <li>· Family events, social insurance as required by law</li> <li>· Childbirth and maternity leaves, child day care centers</li> </ul>



| LG Display's Website for Cafeteria Welfare and Benefits |

## Labor-management Communication

As part of its on-going, cooperative labor-management relationship, which is based on mutual trust, LG Display provides a variety of communication channels between labor unions and management, management and employees, and coworkers. These channels include a Joint Labor-management Conference and the Fresh Board program.

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### A Variety of Communication Channels

#### Joint Labor-management Conference

Every quarter, representatives from management and labor discuss and resolve various issues related to the personnel management system and work conditions at meetings of the Joint Labor-management Conference.

All organizations in the company also periodically hold labor-management meetings to address employee complaints and other key labor issues. For rapid resolution of common issues between unions and management, working-level meetings are periodically held.

#### The Fresh Board Program

As part of efforts to address potential complaints from assistants and assistant managers, the company conducts a program known as "Fresh Board." At periodic Fresh Board Conferences, participants in the program communicate directly with top management. LG Display also collects various employee opinions through monthly meetings, divisional informal meetings, and an online bulletin board.

#### Complaint Management Channels

LG Display resolves many employee complaints through the Online Grievance Committee. It also holds psychological consultations for employees and their family members, as well as for the employees of partner companies, at its Gumi and Paju plants and at the headquarters.

#### Sharing Employee Ideas

LG Display operates a service called the "Idea Bank," a special website to collect fresh ideas from employees on the growth of the company. The company rewards selected ideas to encourage active participation among employees.

#### Internal Periodicals

In addition to its online and offline communication channels, LG Display also publishes weekly newsletters and *magazine :D*, a monthly in-house periodical.

*magazine :D* covers all news related to LG Display, including IT trends, new products, and internal and external news, with active participation from employees all over the world.



#### | magazine :D |

Through this monthly periodical, LG Display encourages communication from employees and shares one vision.





## Case Study: Communications in the Overseas Subsidiaries

### Communication Programs for Each Overseas Subsidiary

With its awareness of the characteristics of each overseas subsidiary, LG Display seeks mutually beneficial relationships through a variety of communication channels.

At the subsidiary in Yantai China, LG Display conducts a program called "Smooth Communications," through which the head of the subsidiary meets with other employees. At its Nanjing and Guangzhou subsidiaries, LG Display conducts leadership development courses for managers, leading to better understanding of cultural differences between Korea and China and enhancing international communication skills.

At its Poland subsidiary, LG Display holds a program known as the "Good Cooperation Olympics" to boost teamwork and

resolve conflicts, all in a comfortable atmosphere. LG Display also holds exhibitions and events to introduce Korean culture and companies to local communities.

At a subsidiary in Europe, whose local employees represent 13 different ethnic backgrounds, LG Display holds a cultural event for each ethnic group, thereby contributing to better understanding of each culture and sharing unique traditions and customs across boundaries, ultimately increasing employee loyalty. LG Display maintains communications through a variety of surveys and interviews.



| A smooth communication meeting held at Yantai subsidiary |



| A tea time of local employees at Fat Thursday, a traditional feast popular in Poland, Greece, and Germany. |



| Leadership development program at an overseas subsidiary in Nanjing |



| Altweiber, a carnival of a women's day, celebrated at a sales subsidiary in Europe |

## Case Study: Programs for Employees

### Programs to Increase Employee Satisfaction

As part of efforts to enhance employee welfare, LG Display holds outdoor catering events at its buildings during lunch time. During these events, employees can also experience culinary arts and culture. For example, at recent events employees participated in making Korean red bean sherbet and Chinese pancakes.

In addition, LG Display enables employees to turn their breaks into quality time through special lectures on more personal topics such as overseas travel or fashion and cosmetics. It also continues to conduct cultural events and yoga programs, which also help revitalize workplaces. As a result, the company attained noteworthy boosts in employee satisfaction levels.



| Lunchtime event to make Chinese pancakes |



| Makeup lessons during lunch time |

### Fostering the Professionalism of Line Workers

LG Display guarantees equal opportunities for all employees regardless of their position or field, especially in developing individual careers. To encourage employees to become professionals in their fields, the company held a vision proclamation ceremony for employees holding positions in technology.

LG Display recently added new positions to its ranking system for line workers, including a production technician and senior shift leaders, thereby providing employees in technical posts with opportunities to become expert advisors or executive officers, as office engineers do. LG Display encourages its employees to develop their careers through various supports and clear vision. It improves personnel management and education system to maximize the expertise of employees at worksites, thereby encouraging them to maintain a balance between work and personal life.



| Proclamation of vision for employees in technical post |

### Mini Interview

**Young-tae Lim,**  
Labor-management Relationship Team, Gumi plant

I have rarely heard of such a company -- one that provides a separate personnel management system for employees at assembly lines. I am so proud of being part of LG Display, a company that makes so much effort to improve work conditions and develop human resource programs for employees at worksites, as well as providing them with clear vision for career development. As a participant in the recent vision proclamation ceremony, I set a new vision for my personal career path, and I now seek to become a professional in my field by specializing in my own duty.

## Sustainability Review 4.

# Partner Companies



### 2011 Key Performance Index

Support for Partner Companies

# 38.9

KRW bn

Participants in Education Programs

# 3,895

persons  
(2007-2011 cumulative)

### Management Principles

Based on mutual trust with its partner companies, LG Display cultivates a culture of fair and transparent trade that strengthens global competitiveness and creates a mutually beneficial situation for all its stakeholders. Additionally, it assists partner companies in sharpening their competitive edges, and it helps ensure the health and safety of their employees.

### Challenges

- More competitive technology and pricing in the global display market
- Increasing demand by stakeholders for the sharing of growth with partner companies
- A growing need for health and safety management in the workplaces of partner companies

### Opportunities

- Strengthen global competitiveness by sharpening the technological edge of partner companies
- Secure partnerships with outstanding companies through fair trade
- Prevent costs incurred from the loss of opportunity by protecting partner companies from incidents that may interfere with growth

### Activities

- Support for funding to improve the technological competitiveness of partner companies
- A compliance committee and closer communication with subcontractors
- Safety education tailored to each partner company and distribution of information related to safety and health

## Sharing of Growth

In 2007, LG Display introduced the industry's first special unit that focuses on mutually beneficial cooperation with partner companies. Through this unit, LG Display assists partner companies in achieving financial stability and technological competitiveness. It strategically and systematically develops long-term mutual trust and cooperation with its partner companies by creating further mutual benefit.



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### Structure of Programs for Mutually Beneficial Cooperation

#### Creation of Mutually Beneficial Relationships

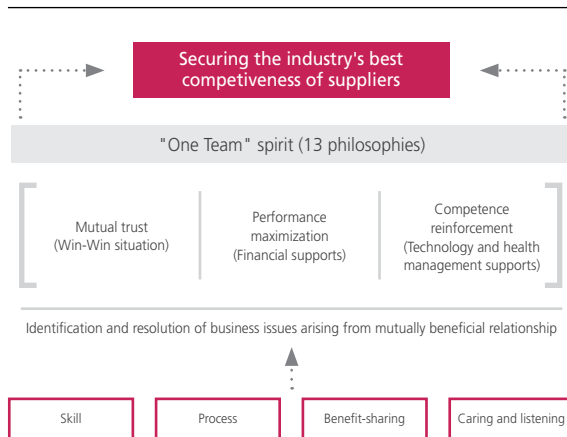
In line with the "One Team" spirit, which emphasizes cooperation, LG Display helps its partner companies become market leaders by providing a complete set of solutions to share core competencies, as well as by identifying and resolving business issues from various perspectives. These partnerships also help LG Display cope with risk factors in its management environment, while seeking sustainable growth with partner companies.

#### Organization that Creates Mutually Beneficial Relationships

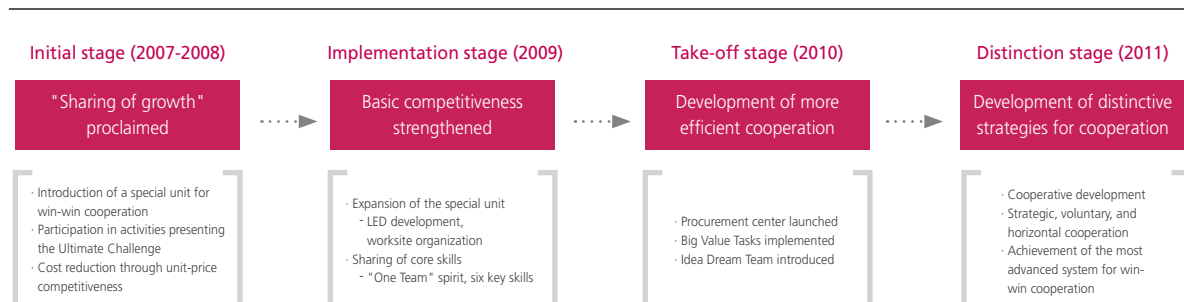
The special unit for support of partner companies is tasked with creating mutually beneficial cooperation that is also highly organic and efficient. LG Display utilizes the expertise of professionals in the design and manufacture of display components, including the glass, films, and electronic parts. Thus, as it shares decision-making processes in the development of parts, LG Display maximizes synergy and extends technological collaboration with partner companies. If the company discovers deficiencies in components produced by suppliers, related business units provide detailed analysis and suggest appropriate resolutions, thereby ensuring supplier trustworthiness.

Furthermore, the company shares with suppliers its technological competitiveness in inspection and productivity, thereby reinforcing their core competencies, as well. It also uses its company-wide resources to assist partner companies in a full range of management areas, including EMS, ESH, eco-friendly management, management analysis, planning, information technology, accounting and tax, legal advice, finance, education, and human resources.

#### | Structure of Programs for Sharing of Growth |



#### | Stages in the Sharing of Growth |



## Mutual Trust

### Compliance Committee

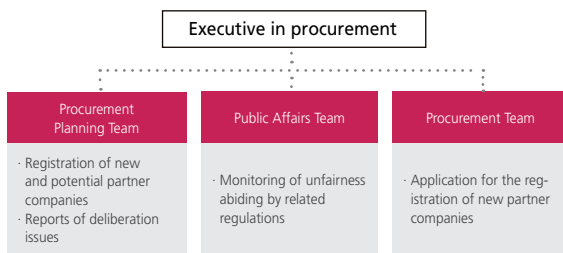
The compliance committee of LG Display oversees contract and price determination processes for subcontracting to ensure their fairness and legitimacy. Led by an executive in procurement division, the committee consists of a procurement planning team, a public affairs team, and a procurement team. By complying with guidelines on operation, deliberation, and structure, which are presented on separate homepages for each partner companies, LG Display ensures fair and clear trade and proactively prevents incidents. The committee deliberates on issues relevant in relationships with suppliers, including registration of new partner companies and early payment to suppliers during Korean thanksgiving season.

### Jeong-Do Management to Ensure Fair Trade

As the company fulfills industry standards and regulations, including development of integrity through transparent, ethical management, all employees of LG Display pursue Jeong-Do Management in daily operations. In doing so, the company improves its compliance with the tenets of corporate responsibility and maximizes the performance of its management.

All partner companies openly discuss and report complaints on any treatment or business practices they may feel to be unfair through a bulletin board on the LG Display website and an in-house web portal for company-wide procurement. The procurement team reviews and addresses the reports.

#### | Structure of the Compliance Committee |



All affiliate companies and suppliers are required to sign a pledge to follow the principles of Jeong-Do Management. As they do so, they convey their commitment to participate in the development of mutual trust.

## Financial Support

### Financial Loans

LG Display provides a Network Loans program as a source of funding for its partner companies. In cooperation with Korean banks, the program enables partner companies to receive loans within the limits stipulated in the loan approval policies of the designated banks. The company offers several tools, such as LG Display Family Corporate Loans, the LG Win-Win Growth Fund, and a mutual guarantee program, to provide aggregate support for partners. In 2011, these funding programs amounted to KRW 38.9 billion, leading to KRW 178.7 billion in cumulative performance.

### Settlement and Payment Systems Improved

To boost the liquidity of its suppliers, LG Display has fully paid its subcontracting suppliers in cash since October 2008. It has also shortened payment deadlines from 14 days to 10 days after the issuance of official value-added tax (VAT) receipts.

### Reasonable Adjustments on Unit Price

LG Display has provided standards and countermeasures to adjust the unit prices of supplied products according to changes in raw material prices. As a result, six unit prices have been increased, with a total of KRW 5.2 billion in adjustment.

As it abides by guidelines for adjustment of subcontract price according to market value fluctuations in raw materials, LG Display responds to requests from its suppliers within 10 days and, following discussion and agreement on these requests, completes price adjustments within 30 days.

### Ban on the Use of Minerals from Regions of Conflict

As part of the Electronics Industry Citizenship Coalition, an international organization seeking to improve environmental conditions in electronics supply chains, LG Display refrains from purchases that involve regions of conflict. It also requires its suppliers to adhere to the same standards. It asks them to ensure that their raw materials do not involve regions of conflict at their supply chains.



## Assistance with Competitiveness

### Technology Development and Defect Prevention

To ensure the competitiveness of its suppliers, LG Display has conducted a total of nine projects in technology transfer and process improvement, under guidance from consultants. It awards outstanding partner companies in the LG-SME Technology Fair. Along with partner companies, LG Display Laboratory has developed 10 new technologies. The company provides the green supply-chain management (GSCM) consultancy project to reduce suppliers' GHG emissions.

### Management Consultations

LG Display consults with suppliers through management specialists and utilizes the productivity management system (PMS) of the Korea Productivity Center, and it actively seeks resolutions to issues arising during consultations. The company's own center for management consultation instructs and assists suppliers in other matters, as well.

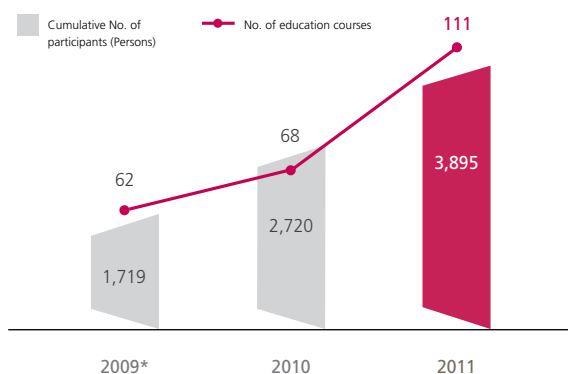
### ERP Implementation

LG Display helps partner companies develop integrated information systems for enterprise resource planning (ERP). In doing so, it offers its expertise in establishing and operating ERP systems, and it assists with the costs of development.

### Educational Assistance

LG Display offers its suppliers free education and training sessions to foster human resources and core competencies. In 2011, the targets for these educational programs were extended to include secondary and tertiary suppliers.

#### | Current Status of Education for Suppliers |



\* No. of participants in 2009 include those in 2007 and 2008.

## Safety and Health Management

### Programs for Safety and Health Management

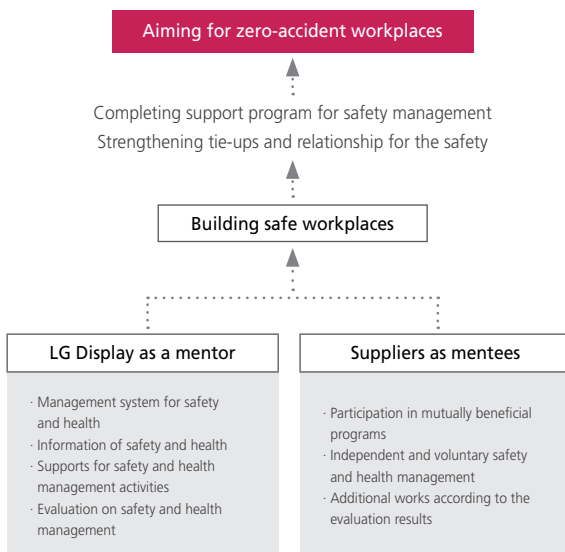
LG Display assists its partner companies with safety and health management, providing them with support as they develop safe, comfortable workplaces. In one effort, it provides safety and health education and information tailored to each partner company.

Each quarter, it distributes safety education materials and promotional broadcasts to the CEOs and top management of suppliers. To ensure that its suppliers practice safety and health management, it also publishes industry-sensitive guidelines on both joint and independent inspections.

### Support for Risk Assessment

LG Display assists its partner companies in education and improvement of risk assessment. It assists them in the installation of safety facilities, safety devices, and inspection of machinery that may pose hazards or risks to employees. For workplaces that have been targeted for process safety management (PSM), it also encourages suppliers to provide scenario-based contingency plans and training for the most serious situations, including the leakage of toxic gas and chemically hazardous materials.

#### | Support for Safety and Health Management |





## Sustainability Review 5.

# Regional Communities



### 2011 Key Performance Index

Employees Participating in Volunteer Work

# 21,312

persons  
(As of the end of 2011)

Participants in the Cho-rong-e Eye-Care Classes

# 11,956

persons  
(2009 – 2011 Cumulative)

### Management Principles

LG Display shares the value it creates in its distinctive technologies and infrastructure with members of regional communities through various activities in corporate social responsibility. It is also making concerted effort to fulfill its roles in corporate citizenship throughout society. It embraces those who are less fortunate, thereby presenting a brighter, healthier future for all stakeholders.

### Challenges

- Rising demand for social contribution
- Preference for development of long-term confidence through consistent social contribution
- Higher awareness of both positive and negative influences of business activities on regional communities


### Opportunities

- Promotion of corporate image and brand identity through regional social contribution activities
- Development of ties with local communities through closer communication
- Increasing employee interest in social contribution programs

### Activities

- Implementation of strategic social contribution programs aligned with each of the company's main businesses, including prevention of visual impairment and solutions for digital divide in society
- Introduction of several initiatives to encourage charitable contributions by employees
- Establishment and revitalization of four key areas for social contribution activities

# Social Contribution Activities

LG Display is dedicated to working with its neighbors in the community to build a brighter future. As expressed in its slogan, "Embracing the dreams of future generations with LG," it fulfills obligations in corporate citizenship by offering hope and encouragement to underprivileged groups in regional communities. 

## Social Contribution Structure

### Social Contribution Management System

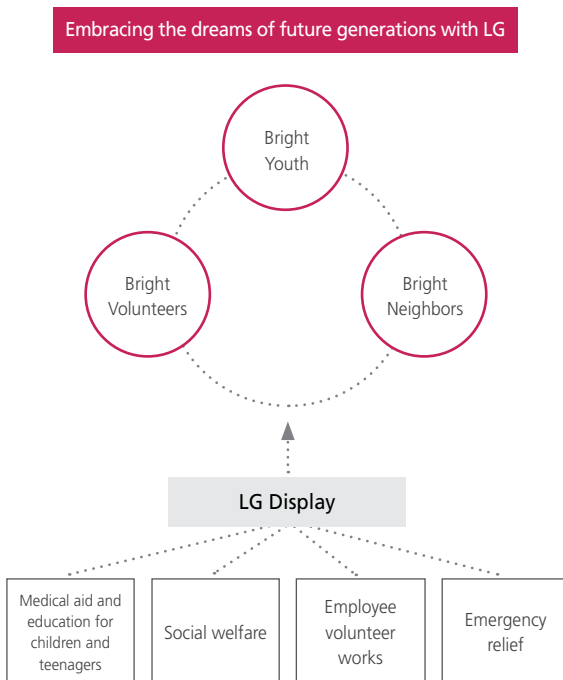
In March 2005, LG Display introduced a set of cooperative efforts between labor and management in social contribution. One of these was the Love-Plus-Love Fund, with funds raised by both management and employees to provide support for socially marginalized and less fortunate members of society. In addition, the company actively conducts social contribution activities in other areas, including social welfare, education, medical aid, emergency relief, and volunteer projects overseas.

### Social Contribution Organizations

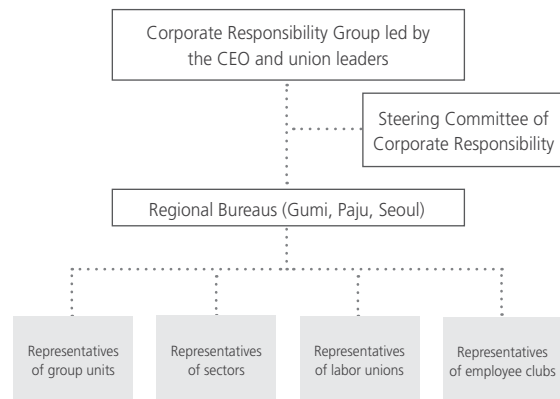
Led by the CEO and union leaders, the Corporate Responsibility Group oversees company-wide social contribution activities, while regional bureaus play a pivotal role, as well. The Corporate Responsibility Steering Committee also boosts efficiency and consistency in these activities.

LG Display encourages participation from regional bureaus by delegating social contribution activities according to group unit, sector, labor union, and employee club. With advanced technologies and infrastructure, the company conducts all social contribution so that it fulfills the diverse needs of local communities.

| Social Contribution Management System |



| Social Contribution Structure |





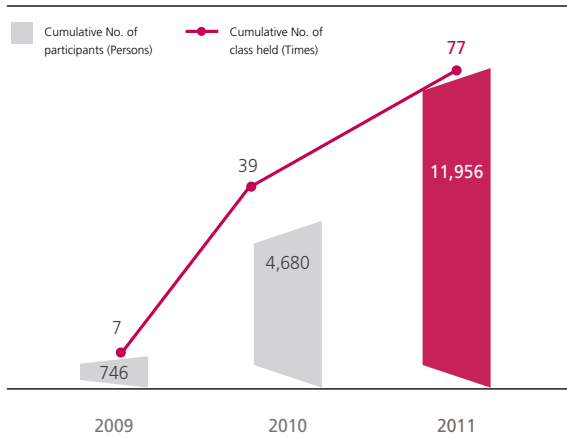
## Medical Assistance and Health Education

### Work with Visual Disabilities

LG Display provides therapy sessions for children with low vision\*, thereby increasing the nation's awareness in the prevention of blindness. In addition to rehabilitation, it offers these children opportunities to gather for outdoor activities.

LG Display also leads the Cho-rong-e Eye Care Class, an unconventional eye-health education program for elementary students. The program appeals to children through its use of musical production, yet fulfills its educational goal of demonstrating the importance of eyes and vision, and showing how to maintain good eyesight. The musical also aims to raise awareness in the audience of the problems of low vision, which does not receive the attention it deserves in society. Every year, the company holds 30 to 40 education sessions for students at more than 40 elementary schools nationwide.

| Current Status of the Cho-rong-e Eye Care Class |



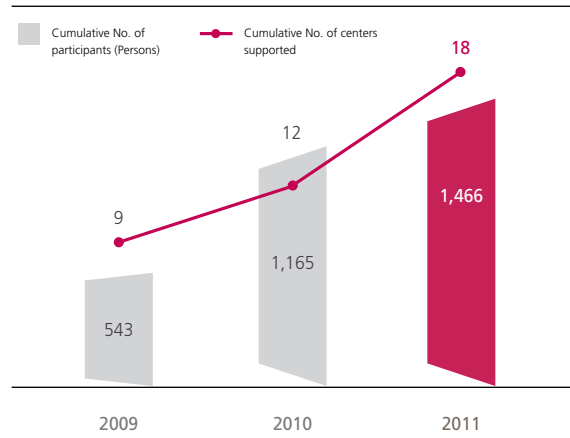
| Experiencing visual impairment in a Cho-rong-e Eye Care Class |

### IT Power Plants

LG Display provides IT Power Plants, audio-visual learning spaces equipped with the latest multi-media devices and located at child welfare centers around the country. In doing so, the company contributes to solving the problems of the digital divide, improves learning processes, and helps the children of under-privileged families develop independence.

From 2008 to 2011, LG Display built 18 IT Power Plants, serving 1,466 children. In addition to multi-media devices, including computer systems, televisions, and printers, the rooms also provide optimum conditions for effective learning through comfortable interiors. LG Display continues to expand the targets of the program to include a greater diversity of groups with under poor access and use of information technologies, and it continues to maintain and refurbish existing facilities.

| Current Status of IT Power Plants |



| A scene of an IT Power Plant at a child welfare center |

\* As defined by the World Health Organization (WHO), children with low vision are those who experience difficulties in daily life and are described as having visual acuity of less than 0.3 on the LogMAR scale, and narrower than a 10-degree field of vision (FOV).

## Social Welfare

### LGDream Saturday

LG Display offers LGDream Saturday for underprivileged children who are finding themselves at home alone on Saturdays due to Korea's transition to a five-day school week. It holds Saturday classes and assists with meal expenses for children at 15 child care centers in Seoul, Gumi, and Paju. Linked to employee volunteer programs, it also fosters children's talents and learning skills by providing them with a variety of cultural experiences, sports activities, character education, and introductions to career planning.



### "One Company, One Village" Sisterhood Program

Under its "One Company, One Village" Sisterhood Program, which was launched in 2006, LG Display maintains mutually beneficial relationships with two villages, including Dongkok-1-ri and Baekhyun-2-ri in Sandong-myeon, near its Gumi manufacturing plant. The sisterhood program helps the company understand the needs of local communities while also enabling local communities to expand sales channels for regional specialty goods, which, in turn, contributes to local economic development.



### Sisterhood with Social Welfare Facilities

Employees in each group unit and sector participate in sisterhood programs with elementary and junior high schools and social welfare facilities by donating funds for scholarships and educational expenses. Beyond financial donation, employees develop and conduct volunteer projects at least once a month, for a total of eight projects per year.

### Improvement of Housing for Low-income Families

With employee participation, the company improves housing and facilities for low-income families. After visiting these families, the company replaces worn wallpaper and flooring, refurbishes interiors, and repairs any damaged or dangerous facilities.

## Domestic Volunteer Work

### Encouraging Volunteerism in New Recruits

Since 2010, the value of volunteer work has been included in the company's general education courses for new recruits, encouraging them to show concern for members of the community from their earliest days at the company. New recruits participate in voluntary projects in social welfare facilities and rural households.



### Holiday Volunteer Work

Every year, employees participate in a series of volunteer projects. The 2011 series started with the delivery of free meals to senior citizens living alone in the Yongsan area, followed by several other volunteer projects, including a Christmas cake baking class at a facility for disabled infants in Gyeonggi province, the launching of Happy Libraries at regional child care centers, and Christmas parties for families with multi-cultural backgrounds.



### Volunteer Work by Employees' Families

With members of employees' families, LG Display conducts a volunteer project at an occupational rehabilitation facility in agricultural areas near its Paju manufacturing plant. The facility has 60 residents with serious disabilities who earn income from the sales of agricultural goods that they produce. Through this work, LG Display improves public perceptions of the disabled and offers employees opportunities to share their volunteer work with their families.

### "HaHaHa School" Program

HaHaHa School is a program that develops talent in volunteers. The program's name was created by combining the initial letters of "Have," "Habit," and "Happy" in order to convey the company's intentions for social contribution activities. Through this program, LG Display bolsters volunteerism among employees through various learning opportunities in areas that interest them, including balloon arts, crafting that raises awareness of missing children, magic shows, foot massage, and foam arts.



## Overseas Volunteer Work

### Supported for Future Generations in India

For seven days and six nights in 2011, LG Display visited Kolkata, India, for an international volunteer project that included participation by 10 underprivileged children from Korea, helping them to develop an appreciation for world issues.

As part of this project, it opened Global Libraries of Hope in Kolkata and provided a platform for teenagers in Korea and India to share cultures through music, traditional dance, and traditional martial arts.



### Overseas Subsidiaries in China

At an overseas subsidiary in Nanjing, China, LG Display concentrates on business localization through a set of regional social contribution activities, including the recycling and donation of used clothes and environmental protection activities in Zijinshan. At its Guangzhou subsidiary, LG Display offers assistance to visually impaired students at a local school for the blind by providing radios, and it visits local elementary schools to present school supplies to local students.

### Livestock Banks in East Timor

LG Display is extending its social contribution activities to reach economically marginalized groups abroad. In East Timor, it conducts a livestock bank project. This program represents a step beyond providing relief supplies, helping the local people develop financial independence.

Through the project, LG Display provides pigs to local, impoverished farmers and provides instruction in how to earn income from the raising, feeding, and selling of pigs.



### An Overseas Subsidiary in Poland

Through a subsidiary in Poland, LG Display provides a variety of cultural experiences for local orphans, including ceramic arts, horse-riding, and skating. It also assists local children with school enrollment fees and other educational expenses, such as admission to a science museum. It donates books to local child care centers, as well, and assists families in meeting medical expenses for their children, particularly those undergoing bone-marrow transplants and cancer treatments.

## Emergency Relief

### Supports for Flood Victims

The employees of LG Display assist rural communities in flood recovery after each summer monsoon season. In assisted one village in the area of Paju, north of Seoul, as it suffered from a record-breaking three days of rain, volunteers from the company helped remove sand from houses and roads in the area, particularly in places where disaster relief equipment was not able to go.

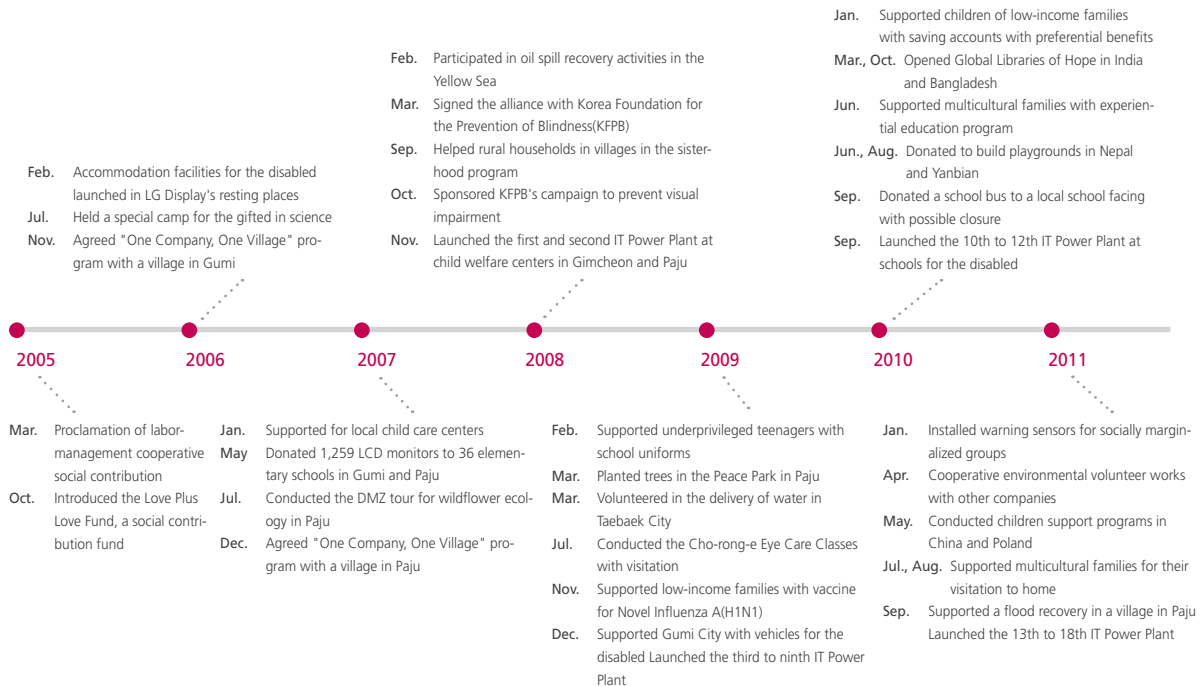


### Assistance for Japanese Earthquake Victims

As part of its participation in relief programs, LG Display provided victims of the 2011 Japan earthquake with daily necessities such as toothpaste and toothbrushes, toilet paper, and diapers. LG Display also sent donations from its employees to refugees from the disaster.



### Milestones in Social Contribution



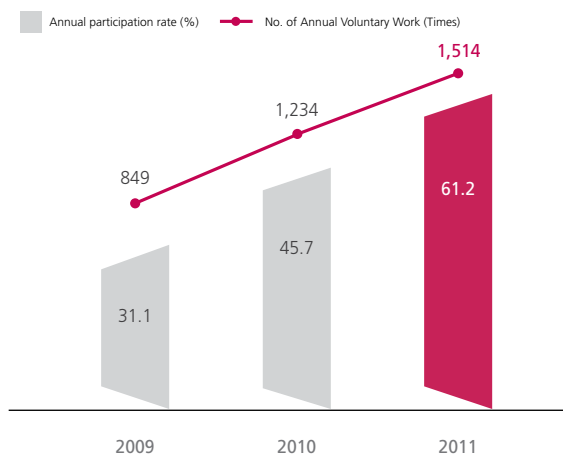
## Employee Participation in Volunteer Projects

In its Joyful Volunteer program, the company encourages employee participation in regional volunteer work by offering opportunities that match their interests.

### | Joyful Volunteer Program |

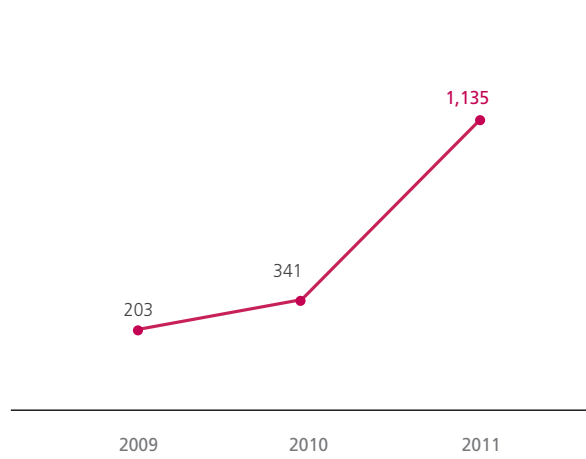
Classification	Details
<b>Fellowship</b>	Cooperative volunteer projects between unmarried employees from LG Display and those of other companies, e.g., between male LG Display employees and female employees of financial institutions
<b>Overseas projects</b>	Volunteer opportunities for outstanding volunteers at remote overseas locations, e.g., India or Bangladesh
<b>Thematic approaches</b>	Monthly volunteer projects linked with those of other organizations, e.g., an event promoting protection of water quality at World Water Day in March
<b>Family participation</b>	Volunteer projects encouraging the participation of employees' families, e.g., trips to an agricultural facility run by the disabled or assistance to the disabled in producing goods
<b>Vacation projects</b>	Vacations offering opportunities for volunteer projects, e.g., tours of remote areas, mural painting at welfare facilities, or hiking that includes environmental restoration

### | Employee Participation in Voluntary Works |



### | Employee Donations\* |

(Unit: persons)



\* Excluding matching grants

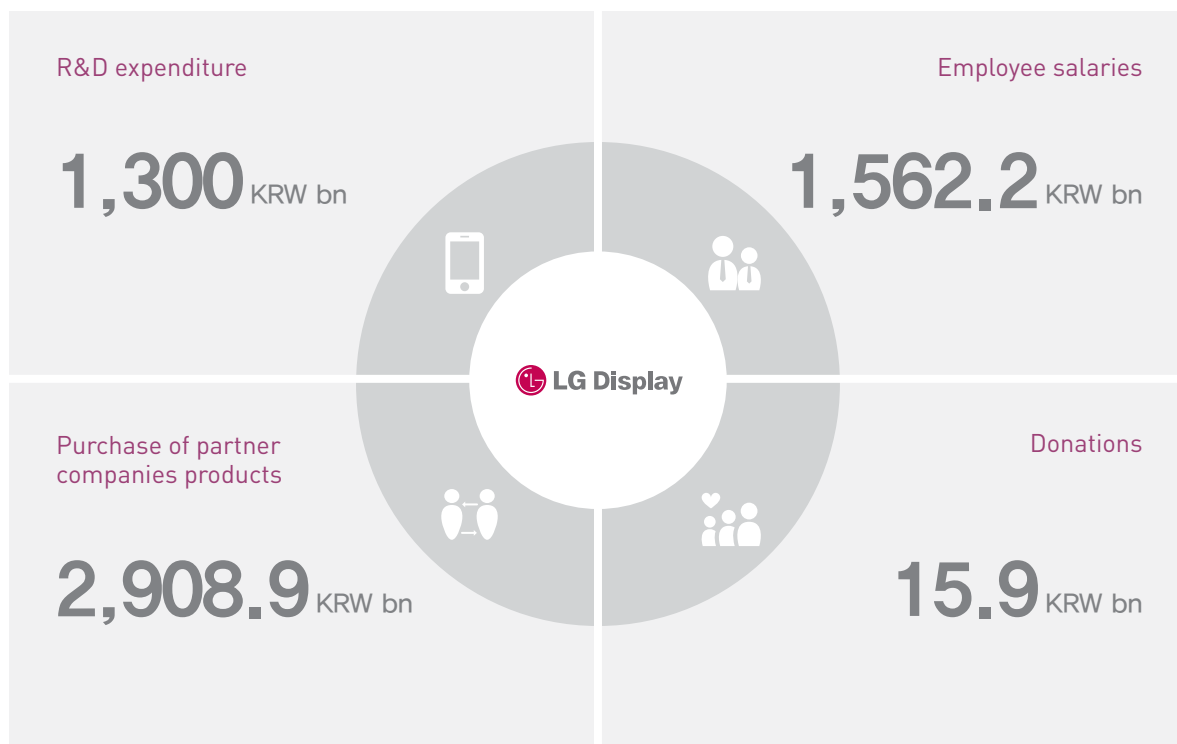
# CSR Dashboard

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Environmental Performance	64
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## Economic Performance

### Distribution of Economic Value

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Period: From January 1 to December 31, 2011

### Financial Performance

Classification	Unit	2009	2010	2011	Remarks
Sales	KRW mn	20,037,701	25,511,535	24,291,289	
Cost of sales	KRW mn	17,476,995	21,780,880	23,081,322	
Gross profit	KRW mn	2,560,706	3,730,655	1,209,967	
Other revenues	KRW mn	1,365,554	1,483,443	1,223,545	
Operating income (loss)	KRW mn	1,010,352	1,310,472	(924,336)	
Total assets	KRW mn	19,703,477	23,857,658	25,162,931	
Total liabilities	KRW mn	9,663,728	12,796,691	15,031,903	
Total equities	KRW mn	10,039,749	11,060,967	10,131,028	

\* As of the end of December 2011



### Government Subsidies

Classification	Unit	2009	2010	2011	Remarks
R&D Subsidies	KRW mn	1,883	1,613	1,645	



# Environmental Performance

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## Raw Materials

Classification	Unit	2009	2010	2011	Remarks
Backlights	1,000s	141,229	226,680	263,170	
Glass	m <sup>2</sup>	58,402,444	73,892,700	76,695,640	
Polarizers	1,000s	299,916	510,763	607,290	
Driver ICs	1,000s	968,884	1,143,343	1,229,740	
Liquid crystals	Kg	86,470	111,054	111,663	

## Energy Consumption

Direct energy usage	LNG	TJ	1,858	1,605	1,407
	biofuel	TJ	-	-	30
	Others*	TJ	98	137	151
Indirect energy usage	Electricity	TJ	35,075	43,825	51,423
	Steam	TJ	67	280	223

\* Others include fuels unused during manufacturing processes, including LPG used in kitchens, gasoline for vehicles and emergency generators, and kerosene for heating systems.

## Water Usage

Gumi plant	Underground water	ton	231,580	231,512	220,376
	Residential water	ton	846,096	948,944	1,131,824
	Industrial water	ton	30,312,753	31,330,568	31,367,200
	Recycled water	ton	33,277,081	32,912,259	34,071,028
Paju plant	Underground water	ton	74,473	78,397	194,586
	Residential water	ton	785,050	1,025,629	1,108,350
	Industrial water	ton	18,503,771	29,876,779	41,840,238
	Recycled water	ton	20,972,451	33,228,978	48,371,675

## Greenhouse Gas Emission

Direct emission	Stationary combustion	tCO <sub>2</sub> e	94,655	84,385	71,687
	Mobile combustion	tCO <sub>2</sub> e	6,588	8,753	10,375
	Process emission	tCO <sub>2</sub> e	2,726,715	3,079,335	3,102,953
	Others(including wastes)	tCO <sub>2</sub> e	62,467	75,513	75,820
Indirect emission	Electricity	tCO <sub>2</sub> e	1,817,077	2,271,091	2,664,002
	Steam	tCO <sub>2</sub> e	47,997	57,091	2,752
Other indirect emission	Suppliers(Aggregate in %)	tCO <sub>2</sub> e	276,135(42.1)	297,835(42.5)	837,669 (74.3)

<Details of Greenhouse Gas Emission>

1. Scope : all domestic plants 2. Standards : Korean government guidelines for objective management of greenhouse gas emissions  
 3. Third-party assurance : completed prior to submitting all reports to the government 4. Others: Abiding by government guidelines for preparation of reports, emission processes at the Gumi 6 plant (P6) are measured with a 90% reduction efficiency rate for the period from August 2010 to December 2011.

## Air Pollution

	Classification	Unit	2009	2010	2011	Remarks
Gumi plant	NOx	kg	14,187	11,304	13,270	
	SOx	kg	28,882	25,470	19,936	
	Dust	kg	16,172	25,688	13,697	
Paju plant	NOx	kg	33,868	26,240	24,843	
	SOx	kg	44,103	66,191	56,170	
	Dust	kg	17,644	41,251	60,929	
Gumi, Paju plants	Ozone-depleting substances, including R-134a	kg	14,900	4,500	1,900	

## Water Contamination

Gumi plant	Biological Oxygen Demand (BOD)	ton/day	0.790	0.995	0.990	
	Chemical Oxygen Demand (COD)	ton/day	1.388	2.058	1.647	
	Suspended Solid (SS)	ton/day	0.486	0.918	0.921	
Paju plant*	Biological Oxygen Demand (BOD)	ton/day	3.260	16.608	13.277	
	Chemical Oxygen Demand (COD)	ton/day	3.064	9.102	8.240	
	Suspended Solid (SS)	ton/day	1.527	5.270	4.851	

## Industrial Wastes

General wastes	Incineration	ton	3,824	1,191	752	
	Landfill	ton	25,187	44,539	36,143	
	Recycling	ton	52,875	49,733	62,287	
	Ocean dumping	ton	32,354	21,559	11,733	
Designated wastes	Incineration	ton	2,988	3,292	1,131	
	Landfill	ton	2	-	14	
	Recycling	ton	57,050	64,608	63,557	
	Ocean dumping	ton	-	-	-	

## Hazardous Substance Spills and Penalties

No. and amount of hazardous substance spills	-	0	0	0	
Penalties for environmental regulatory violations	KRW 1,000s	0	0	1,200	Due to the omission of statements verifying imported chemicals, a penalty was imposed by the Ministry of Environment for regulatory violations.

## Social Performance

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### Employee Demographics

	Classification	Unit	2009	2010	2011	Remarks
No. of employees	All employees	persons	35,811	54,462	58,858	Domestic and overseas
	Domestic	persons	23,955	30,199	34,897	
	Overseas	persons	11,856	24,263	23,961	
	Regular	persons	23,884	30,150	34,838	
	Permanent, contract-based	persons	38	46	55	
	Non-regular	persons	33	3	4	
	Domestic employee resignations	%	5.79%	7.18%	7.90%	
	Female	persons	7,517	9,126	10,613	
	Disabled	persons	105	134	163	
	Patriots and veterans	persons	203	243	270	
	Age under 30	persons	16,239	20,605	23,496	
	Age 30 to 50	persons	7,609	9,445	11,202	
	Age over 50	persons	107	149	199	
	Overseas employees who are local nationals	%	98.00%	98.80%	98.80%	
All employees who are non-Korean nationals	%	32.50%	44.00%	40.20%	Domestic and overseas	
Labor union members	persons	15,964	20,146	23,996		
Labor union participation rate	%	67.00%	67.10%	68.60%	Executives, office workers, and shift leaders are not eligible for labor union membership	
Basic salary ratio between genders (new recruits)	%	100.00%	100.00%	100.00%	Office workers	
Retirement pension	KRW bn	-	-	346.3	Individual benefits may increase under the DB and DC options	
Female employees returning to work after parental leave	%	92.30%	91.30%	89.40%		
Female employees retained at least 12 months after parental leave	%	66.70%	71.40%	79.70%		
<b>Education and Trainings</b>						
Group education for human rights	hours	19,968	22,653	21,336		
No. of participants in group education for human rights	persons	6,656	7,551	7,112		
Average hours of employee training per year	hours	61.8	64.7	53.1		
Employees receiving official performance evaluations	persons	20,573	25,683	32,234		
Performance assessment ratio	%	85.98%	85.05%	92.38%	-Office workers : New recruits employed less than one year and more experienced recruits employed less than six months are excluded. -Line workers : New recruits employed less than six months and more experienced recruits employed less than three months are excluded.	

## Safety, Health, and Redress of Grievances

Classification	Unit	2009	2010	2011	Remarks
No. of total discrimination	times	1	5	4	
Reports of human rights issues in grievances	times	-	9	13	
Responses and resolutions to complaints	times	-	6	9	
No. of complaints from regional communities	times	-	-	-	No occurrence
Industrial incidents - Gumi	%	0.07	0.08	0.04	Gumi
Industrial incidents - Paju	%	0.11	0.11	0.05	Paju

## Ethics Education

Office workers	New recruits	persons	974	1,437	1,039	
	Experienced employees	persons	644	346	67	
Line workers	New recruits	persons	4,547	5,562	5,785	
	Experienced employees	persons	42	70	62	
Organization leaders	New executives	persons	-	-	29	
	New team leaders	persons	95	250	106	
	New supervisors (shift leaders, unit supervisors)	persons		110	180	
Departments of external contact points	Manufacturing technology center, Panel center	persons	2,139	1,567	2,418	
FSE employees		persons	80	46	82	
<b>Total</b>		persons	<b>8,521</b>	<b>9,388</b>	<b>9,768</b>	At LG Academy, the Jeong-do Management course is excluded from education programs for new recruits, employees seeking promotions II and III, and other staff with more experience.

## Local Purchase

Local purchase rate	Korea	%	91.7	91.5	90.4	- The percentage of goods produced by regional companies as part of total cost of purchase from partner companies. - Based on the amount of raw materials stored for mass-production, including overseas PWAs
	China	%	95.6	96.0	97.0	
	Poland	%	99.9	100	100	

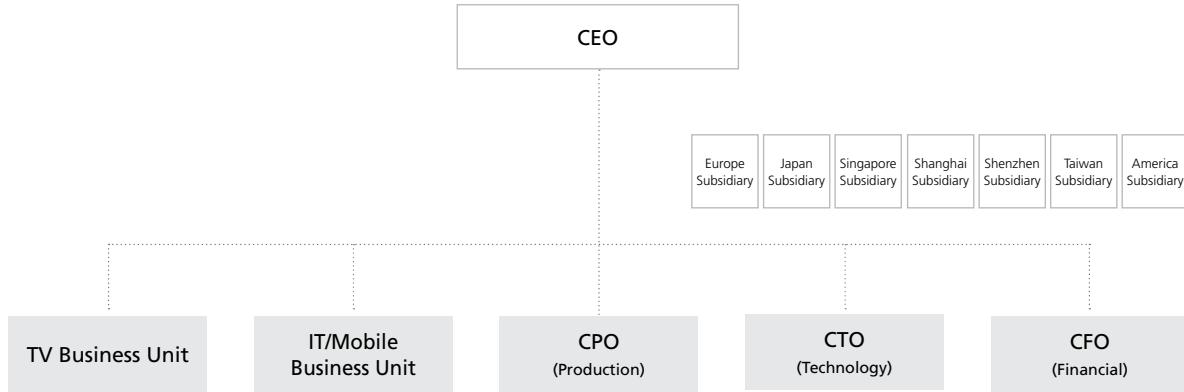
## Social Contribution Activities

Donations	KRW bn	6.9	15.1	15.8
No. of participants in volunteer work	Persons	6,682	12,547	21,312
Annual participation	%	31.1	45.7	61.2
No. of annual volunteer works	times	849	1,234	1,514
No. of donation programs	times	11	12	13
No. of donators	Persons	203	341	1,135
No. of volunteer projects	times	849	1,234	1,514
Hours employees spend in volunteer work	hours	29,008.04	51,211.4	84,612.7

# Appendix

Organizational Chart and Membership	69
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Participants in This Report	82

## Organizational Chart



As of August 2012

## Membership in Associations and Organizations

No.	Associations and Organizations	Remarks
1	Federation of Korean Industries	
2	Korea Chamber of Commerce and Industry	
3	Korea Display Industry Association	
4	Korea Printed Electronics Association	
5	Korea International Trade Association	
6	3D Fusion Industry Association	
7	Fair Competition Federation	
8	Korea Listed Companies Association	
9	Korea Investor Relations Service	
10	Nano Technology Research Association	
11	Consortium of Semiconductor Advanced Research	
12	Korea Radioisotope Association	
13	Korea Industrial Safety Association	
14	Paju Fire Safety Association	
15	Industrial Health Association	
16	Korean Association of Occupational Health Nurse	

## List of Awards

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### Economic Awards

No.	Award	Date	Organizer
1	Display of the Year, Golden Medal	May 2010	Society for Information Display (SID)
2	Korea Technology Award, for the LCD Tab Bonder ACF/TCP	Dec. 2010	Minister of Knowledge Economy
3	46th Annual Invention Day, Presidential Citation	May 2011	Korean Intellectual Property Office
4	48th Annual Trade Day, Tower for USD 15 Billion in Exports	Dec. 2011	Minister of Knowledge Economy
5	Korean World-Class Product Award, for FPR 3D	Dec. 2011	Minister of Knowledge Economy

### Social Awards

No.	Award	Date	Organizer
1	Beautiful Partnership Award, for win-win cooperation	Apr. 2009	Minister of Knowledge Economy
2	Win-win Cooperation Award, for supplier safety	Jul. 2009	Ministry of Labor
3	Excellent Company Award, for mutually beneficial contracts with sub-contractors	Dec. 2009	Fair Trade Commission
4	Prime Minister's Award, Good Childbirth contest	Sep. 2010	Ministry of Health and Welfare
5	Presidential Citation, for mutual growth with SMEs	Dec. 2010	Minister of Knowledge Economy
7	Presidential Citation, for job creation	Dec. 2010	Ministry of Employment and Labor
8	2010 Fortune Great Work Place Korea Award, manufacturing category	Dec. 2010	GWP Korea
9	2011 Fortune Great Work Place Korea Award, honored for all categories	Nov. 2011	GWP Korea

### Environmental Awards

No.	Award	Date	Organizer
1	Certification as an outstanding authorized testing institution in Korea	Jun. 2009	Minister of Knowledge Economy
2	Gyeonggi Environment Green Award, for outstanding water management in the workplace	Dec. 2009	Gyeonggi-do
3	Low Carbon, Green Life contest, Ministry of Environment Award	Nov. 2010	Gyeongsangbuk-do
4	Prime Minister's Award, for outstanding waste reduction	Sep. 2011	Ministry of Environment



On May 19, 2011, LG Display received a presidential citation at the 46th Annual Invention Day for its development of FPR 3D technology.

| 46th Annual Invention Day, Presidential Citation |

## GRI Table

LG Display is committed to economic, social, and environmental responsibility, as well as to sustainable management. To this end, it assesses the performance of every section in the company. In order to maintain objectivity and consistency, as well as to make the information herein easy to understand, the LG Display Sustainability Report 2011-2012 is written based on the core subjects and issues of the 3.1 Guidelines of Global Reporting Initiative (GRI) and the ISO 26000.

### Strategy and Analysis

Profile	G3.1	Description	ISO 26000	Remarks	Reported	Page
	1.1	CEO Message.				●
1.2	Sustainability: effects, risks and opportunities.		6.2 Organizational Governance		●	4-5, 24, 28-29, 40, 50, 54

### Organizational Profile

Profile	G3.1	Description	ISO 26000	Remarks	Reported	Page
	2.1	Name of the organization.				●
2.2	Primary brands, products, and services.				●	2, 7
2.3	Operational structure of the organization.		6.2 Organizational Governance		●	69
2.4	Location of organization's headquarters.				●	6
2.5	No. of countries where the organization operates.				●	6-7
2.6	Nature of ownership and legal form.				●	13-14
2.7	Market served.				●	6-7
2.8	Scale of the reporting organization.				●	6-7, 13
2.9	Significant changes during the reporting period regarding size, structure, or ownership.				●	6-7
2.10	Award received.				●	70

### Report Parameters

Profile	G3.1	Description	ISO 26000	Remarks	Reported	Page
	3.1	Reporting period.				●
3.2	Date of most recent previous report.			Not applicable in this, the first report.	●	-
3.3	Reporting cycle.			Not applicable in this, the first report.	●	-
3.4	Contact points.				●	1, 82
3.5	Process for defining report content.				●	8-9
3.6	Boundary of the report.				●	1
3.7	Specific limitations on the scope or boundary of the report.				●	1
3.8	Basis for reporting on joint ventures, subsidiaries, leased facilities, outsourced operations, and other entities that can significantly affect comparability from period to period and/or between organizations.				●	1
3.9	Data collection and calculation methods.				●	1
3.10	Re-statements/changes in the presentation of information.			Not applicable in this, the first report.	●	-
3.11	Significant changes from previous reporting periods in the scope, boundary, or measurement methods applied in the report.			Not applicable in this, the first report.	●	-
3.12	GRI Content Index.				●	71-76
3.13	Verification of external third parties.		7.5.3 Verification		●	77-80



## Governance, Commitments, and Engagement

Profile	G3.1	Description	ISO 26000	Remarks	Reported	Page
	4.1	Governance structure, including responsibility for sustainability.			●	13-14
	4.2	Independence of the Chair of the highest governance body.			●	13
	4.3	For organizations without a highest governance body: independent and/or non-executive members.			●	13-14
	4.4	Mechanisms for shareholders and employees to provide recommendations or direction to the highest governance body.			●	13-14
	4.5	Linkage between compensation for members of the highest governance body, senior managers, and executives and the organization's performance.			●	13-14
	4.6	Processes in place to ensure conflicts of interest are avoided.			●	13-14
	4.7	Process for determining the qualifications and expertise of the members of the highest governance body in the field of sustainability.			●	13-14
	4.8	Statements of mission or values, codes of conduct, and principles.	6.2 Organizational Governance		●	10-11
	4.9	Procedures of the highest governance body for overseeing the organization's identification and management of economic, environmental, and social opportunities and risks.			●	13-14
	4.10	Processes for evaluating the highest governance body's sustainability performance.			●	13-14
	4.11	Implementation of the precautionary approach or principle.			●	10-12, 15-17, 27-39
	4.12	Participation in/support for external initiatives.			●	69
	4.13	Memberships.			●	69
	4.14	Stakeholder engagement.			●	8
	4.15	Basis for the selection of stakeholders.			●	8-9
	4.16	Stakeholder dialog.			●	8-9
4.17	Statement on the main wishes of stakeholders.			●	8-9	

## Economic Performance Indicator

Economic	G3.1	Description	ISO 26000	Remarks	Reported	Page
	EC1	Economic value generated and distributed.	6.8 Community Involvement and Development 6.8.3 Community involvement 6.8.7 Wealth and income creation 6.8.9 Social investment		●	63
	EC2	Financial implications of climate change.	6.5.5 Climate change mitigation and adaptation		●	29-32
	EC3	Coverage of the organization's defined benefit plan obligations.		Individual benefits may increase under the DB and DC options	●	66
	EC4	Financial assistance received from government.			●	63
	EC5	Range of ratios of standard entry level wage compared to local minimum wage at significant locations of operation.	6.4.4 Conditions of work and social protection 6.8 Community Involvement and Development"	At year-end 2011, the salary of new recruits at office positions was 351% higher than statutory minimum wage.	●	72
	EC6	Policy, practices, and proportion of spending on locally-based suppliers at significant locations of operation.	6.6.6 Promoting social responsibility in the value chain 6.8 Community Involvement and Development 6.8.5 Employment creation and skills development 6.8.7 Wealth and income creation		●	67
	EC7	Procedures for local hiring and proportion of senior management hired from the local community at significant locations of operation.	6.8 Community Involvement and Development 6.8.5 Employment creation and skills development 6.8.7 Wealth and income creation "	Preferential policies for local talent at regional plants	●	42

	G3.1	Description	ISO 26000	Remarks	Reported	Page
	Economic	EC8	Development and impact of infrastructure investments and services provided primarily for public benefit.	6.3.9 Economic, social and cultural rights		●
6.8 Community Involvement and Development						
6.8.3 Community involvement						
6.8.4 Education and culture						
6.8.5 Employment creation and skills development						
6.8.6 Technology development and access						
6.8.7 Wealth and income creation						
6.8.9 Social investment*						
EC9				Understanding and describing significant indirect economic impacts, including the extent of impacts.		
		6.6.6 Promoting social responsibility in the value chain				
		6.6.7 Respect for property rights				
		6.7.8 Access to essential services				
		6.8 Community Involvement and Development				
6.8.5 Employment creation and skills development						
6.8.6 Technology development and access						
6.8.7 Wealth and income creation						
6.8.9 Social investment						

### Environmental Performance Indicator

	G3.1	Description	ISO 26000	Remarks	Reported	Page
Environmental	EN1	Materials used by weight or volume.			●	64
	EN2	Percentage of materials used that are recycled input materials.			●	36
	EN3	Direct energy consumption by primary energy source.			●	64
	EN4	Indirect energy consumption by primary source.			●	64
	EN5	Energy saved due to conservation and efficiency improvements.			●	30
	EN6	Initiatives to provide energy-efficient or renewable energy-based products and services, and reductions in energy requirements as a result of these initiatives.	6.5 Environment 6.5.4 Sustainable resource use		●	18-19
	EN7	Initiatives to reduce indirect energy consumption and reductions achieved.			●	30
	EN8	Total water withdrawal by source.			●	64
	EN9	Water sources significantly affected by withdrawal of water.		No occurrence	●	-
	EN10	Percentage and total volume of water recycled and reused.			●	36, 64
	EN11	Location and size of land owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas.		No occurrence	●	-
	EN12	Description of significant impacts of activities, products, and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas.	6.5 Environment 6.5.6 Protection of the environment, biodiversity and restoration of natural habitats	No occurrence	●	-
	EN13	Habitats protected or restored.		No occurrence	●	-
	EN14	Strategies, current actions, and future plans for managing impacts on biodiversity.		No occurrence	●	-
	EN15	Number of IUCN Red List species and national conservation list species with habitats in areas affected by operations, by level of extinction risk.		No occurrence	●	-
	EN16	Total direct and indirect greenhouse gas emissions by weight.			●	64
	EN17	Other relevant indirect greenhouse gas emissions by weight.	6.5 Environment 6.5.5 Climate change mitigation and adaptation		●	64
	EN18	Initiatives to reduce greenhouse gas emissions and reductions achieved.			●	28, 30
	EN19	Emissions of ozone-depleting substances by weight.			●	65
	EN20	NOX, SOX and other significant air emissions by type and weight.			●	65
	EN21	Total water discharge by quality and destination.			●	65
	EN22	Total weight of waste by type and disposal method.	6.5 Environment 6.5.3 Prevention of pollution		●	65
	EN23	Total number and volume of significant spills.			●	65
	EN24	Weight of transported, imported, exported, or treated waste deemed hazardous under the terms of the Basel Convention Annex I, II, III, and VIII, and percentage of transported waste shipped internationally.		No occurrence	●	-

Environmental	G3.1	Description	ISO 26000	Remarks	Reported	Page
	EN25	Identity, size, protected status, and biodiversity value of water bodies and related habitats significantly affected by the reporting organization's discharges of water and runoff.	6.5 Environment 6.5.4 Sustainable resource use 6.5.6 Protection of the environment, biodiversity and restoration of natural habitats		●	34
	EN26	Initiatives to mitigate environmental impacts of products and services, and extent of impact mitigation.	6.5 Environment 6.5.4 Sustainable resource use 6.6.6 Promoting social responsibility in the value chain 6.7.5 Sustainable consumption		●	18-19
	EN27	Percentage of products sold and their packaging materials that are reclaimed by category.	6.5 Environment 6.5.4 Sustainable resource use 6.7.5 Sustainable consumption	No occurrence	●	-
	EN28	Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with environmental laws and regulations.	6.5 Environment		●	65
	EN29	Significant environmental impacts of transporting products and other goods and materials used for the organization's operations, and transporting members of the workforce.	6.5 Environment 6.5.4 Sustainable resource use 6.6.6 Promoting social responsibility in the value chain	No occurrence	●	-
	EN30	Total environmental protection expenditures and investments by type.	6.5 Environment		○	-

### Human Rights

Society	G3.1	Description	ISO 26000	Remarks	Reported	Page
	HR1	Percentage and total number of significant investment agreements that include human rights clauses or that have undergone human rights screening.	6.3 Human Rights 6.3.3 Due diligence 6.3.5 Avoidance of complicity 6.6.6 Promoting social responsibility in the value chain		○	52
	HR2	Percentage of significant suppliers and contractors that have undergone screening on human rights and actions taken.	6.3 Human Rights 6.3.3 Due diligence 6.3.5 Avoidance of complicity 6.4.3 Employment and employment relationships 6.6.6 Promoting social responsibility in the value chain	Human rights are included in the terms of contracts with partner companies.	○	52
	HR3	Total hours of employee training on policies and procedures concerning aspects of human rights that are relevant to operations, including the percentage of employees trained.	6.3 Human Rights 6.3.5 Avoidance of complicity		●	11, 66-67
	HR4	Total number of incidents of discrimination and actions taken.	6.3 Human Rights 6.3.6 Resolving grievances 6.3.7 Discrimination and vulnerable groups 6.3.10 Fundamental principles and rights at work 6.4.3 Employment and employment relationships		●	67
	HR5	Operations identified in which the right to exercise freedom of association and collective bargaining may be at significant risk, and actions taken to support these rights.	6.3 Human Rights 6.3.3 Due diligence 6.3.4 Human rights risk situations 6.3.5 Avoidance of complicity 6.3.7 Discrimination and vulnerable groups 6.4.5 Social dialogue		●	42, 47
	HR6	Operations identified as having significant risk for incidents of child labor, and measures taken to contribute to the elimination of child labor.	6.3 Human Rights 6.3.3 Due diligence		●	42
	HR7	Operations identified as having significant risk for incidents of forced or compulsory labor, and measures taken to contribute to the elimination of forced or compulsory labor.	6.3.4 Human rights risk situations 6.3.5 Avoidance of complicity 6.3.7 Discrimination and vulnerable groups 6.3.10 Fundamental principles and rights at work		●	42
	HR8	Percentage of security personnel trained in the organization's policies or procedures concerning aspects of human rights that are relevant to operations.	6.3 Human Rights 6.3.5 Avoidance of complicity 6.4.3 Employment and employment relationships 6.6.6 Promoting social responsibility in the value chain	No incidents	●	-
	HR9	Total number of incidents of violations involving rights of indigenous people and actions taken.	6.3 Human Rights 6.3.6 Resolving grievances 6.3.7 Discrimination and vulnerable groups 6.3.8 Civil and political rights 6.6.7 Respect for property rights	No incidents	●	67
	HR10	Percentage and total number of operations that have been subject to human rights reviews and/or impact assessments.			○	52
HR11	Number of grievances related to human rights filed, addressed and resolved through formal grievance mechanisms.		Domestic	●	67	

## Labor Practices and Decent Work

	G3.1	Description	ISO 26000	Remarks	Reported	Page
Society	LA1	Total workforce by employment type, employment contract, and region.	6.4 Labor Practices		●	66
	LA2	Total number and rate of employee turnover by age group, gender, and region.	6.4.3 Employment and employment relationships	Domestic	●	66
	LA3	Benefits provided to full-time employees that are not provided to temporary or part-time employees, by major operations.	6.4 Labor Practices 6.4.3 Employment and employment relationships 6.4.4 Conditions of work and social protection		●	46
	LA4	Percentage of employees covered by collective bargaining agreements.	6.4 Labor Practices 6.4.3 Employment and employment relationships 6.4.4 Conditions of work and social protection 6.4.5 Social dialogue 6.3.10 Fundamental principles and rights at work		●	66
	LA5	Minimum notice period(s) regarding significant operational changes, including whether it is specified in collective agreements.	6.4 Labor Practices 6.4.3 Employment and employment relationships 6.4.4 Conditions of work and social protection 6.4.5 Social dialogue		●	47
	LA6	Percentage of total workforce represented in formal joint management worker health and safety committees that help monitor and advise on occupational health and safety programs.	6.4 Labor Practices 6.4.6 Health and safety at work		●	38
	LA7	Rates of injury, occupational diseases, lost days, and absenteeism, and total number of work-related fatalities by region.		Gumi, Paju plants	●	39, 67
	LA8	Education, training, counseling, prevention, and risk-control programs in place to assist workforce members, their families, or community members regarding serious diseases.	6.4 Labor Practices 6.4.6 Health and safety at work 6.8 Community Involvement and Development 6.8.3 Community involvement 6.8.4 Education and culture 6.8.8 Health		●	46, 56-58
	LA9	Health and safety topics covered in formal agreements with trade unions.	6.4 Labor Practices 6.4.6 Health and safety at work		●	38-39
	LA10	Average hours of training per year per employee by employee category.	6.4 Labor Practices 6.4.7 Human development and training in the workplace		●	66
	LA11	Programs for skills management and lifelong learning that support the continued employability of employees and assist them in managing career endings.	6.4 Labor Practices 6.4.7 Human development and training in the workplace 6.8.5 Employment creation and skills development		●	42-44, 46
	LA12	Percentage of employees receiving regular performance and career development reviews.	6.4 Labor Practices 6.4.7 Human development and training in the workplace		●	45, 66
	LA13	Composition of governance bodies and breakdown of employees per category according to gender, age group, minority group membership, and other indicators of diversity.	6.3.7 Discrimination and vulnerable groups 6.3.10 Fundamental principles and rights at work 6.4 Labor Practices 6.4.3 Employment and employment relationships		●	13, 66
	LA14	Ratio of basic salary of men to women by employee category.	6.3.7 Discrimination and vulnerable groups 6.3.10 Fundamental principles and rights at work 6.4 Labor Practices 6.4.3 Employment and employment relationships 6.4.4 Conditions of work and social protection		●	66
	LA15	Return to work and retention rates after parental leave, by gender.			●	66

## Society

	G3.1	Description	ISO 26000	Remarks	Reported	Page
Society	SO1	Nature, scope, and effectiveness of any programs and practices that assess and manage the impacts of operations on communities, including entering, operating, and exiting.	6.3.9 Economic, social and cultural rights 6.8 Respect for property rights 6.8.5 Community Involvement and Development 6.8.7 Employment creation and skills development 6.6.7 Wealth and income creation		●	54-61

Society	G3.1	Description	ISO 26000	Remarks	Reported	Page
	SO2	Percentage and total number of business units analyzed for risks related to corruption.			●	11
	SO3	Percentage of employees trained in organization's anti-corruption policies and procedures.	6.6 Fair Operating Practices 6.6.3 Anti-corruption		●	11
	SO4	Actions taken in response to incidents of corruption.			●	11
	SO5	Public policy positions and participation in public policy development and lobbying.	6.6 Fair Operating Practices 6.6.4 Responsible political involvement		●	15
	SO6	Total value of financial and in-kind contributions to political parties, politicians, and related institutions by country.	6.8.3 Community involvement	No activities	●	-
	SO7	Total number of legal actions for anti-competitive behavior, anti-trust, and monopoly practices and their outcomes.	6.6 Fair Operating Practices 6.6.5 Fair competition 6.6.7 Respect for property rights	One case currently under litigation at the Fair Trade Commission	●	-
	SO8	Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with laws and regulations.	6.6 Fair Operating Practices 6.6.7 Respect for property rights 6.8.7 Wealth and income creation		●	12
	SO9	Operations with significant potential or actual negative impacts on local communities.		No workplace recorded for negative influences	●	-
	SO10	Prevention and mitigation measures implemented in operations with significant potential or actual negative impacts on local communities.			●	34-35

## Product Responsibility

Society	G3.1	Description	ISO 26000	Remarks	Reported	Page
	PR1	Life cycle stages in which health and safety impacts of products and services are assessed for improvement, and percentage of significant products and services categories subject to such procedures.	6.3.9 Economic, social and cultural rights 6.6.6 Promoting social responsibility in the value chain		●	18-19, 27
	PR2	Total number of incidents of non-compliance with regulations and voluntary codes concerning health and safety impacts of products and services, by type of customers.	6.7 Consumer Issues 6.7.4 Protecting consumers' health and safety	No incidents	●	-
	PR3	Type of product and service information required by procedures, and percentage of significant products and services subject to such information requirements.	6.7 Consumer Issues 6.7.3 Fair marketing, factual and unbiased information and fair contractual practices		●	19
	PR4	Total number of incidents of non-compliance with regulations and voluntary codes concerning product and service information and labeling, by type of outcomes.	6.7.4 Protecting consumers' health and safety 6.7.5 Sustainable consumption	No incidents	●	-
	PR5	Practices related to customer satisfaction, including results of surveys measuring customer satisfaction.	6.7.6 Consumer service, support, and dispute resolution 6.7.9 Education and awareness		●	20-21
	PR6	Programs for adherence to laws, standards, and voluntary codes related to marketing communications, including advertising, promotion, and sponsorship.	6.7 Consumer Issues 6.7.3 Fair marketing, factual and unbiased information and fair contractual practices		●	11, 17
	PR7	Total number of incidents of non-compliance with regulations and voluntary codes concerning marketing communications, including advertising, promotion, and sponsorship, by type of outcomes.	6.7.6 Consumer service, support, and dispute resolution 6.7.9 Education and awareness	No incidents	●	-
	PR8	Total number of substantiated complaints regarding breaches of customer privacy and losses of customer data.	6.7 Consumer Issues 6.7.7 Consumer data protection and privacy	No incidents	●	-
	PR9	Monetary value of significant fines for non-compliance with laws and regulations concerning the provision and use of products and services.	6.7 Consumer Issues 6.7.6 Consumer service, support, and dispute resolution	No incidents	●	-

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# Independent Assurance Statement

## Independent Assurance Statement

Independent assurance statement on the sustainability report

### Scope of Assurance

BSI Group Korea Limited(hereinafter, BSI) was requested to conduct an independent assurance on the 'LG Display Sustainability Report 2011-2012' (hereinafter 'report').

This report reflects the performances from January 1, 2011 to December 31, 2011. Some quantitative results are based on three-year data. This is the first sustainability report for LG Display. The report deals with sustainability management activities and performances of the headquarters and two plants in Gumi and Paju during 2011. If necessary, the performance data of the previous year is included in the assurance. The performance data of overseas subsidiaries included in this report and the following are not included in the assurance.

- Financial information
- Greenhouse gas data, which is included in a separate assurance statement of this report as we verified
- Additional information included in other websites other than the report

### Responsibilities and Independence

The responsibility for writing the sustainability report lies in LG Display. The responsibility of assurance is providing an independent assurance statement which contains professional opinions obtained after applying verification methods on the stated scope to the management of LG Display, and providing that information to all stakeholders of LG Display.

The assurance team has no interest relationship with LG Display, was not involved in writing any reports other than providing the assurance statement on the report. Furthermore, the assurance process has been performed by the BSI assurance team consisting of experts of each area who have extensive and in depth technical skill and experience to exert high level capability.

### Assurance Standard

Assurance of this report has been performed based on the following standard.

- AA1000 Assurance Standard(2008) assurance standard
- GRI G3.1 Sustainable Management Reporting Guidelines

The assurance team applied type 1, Moderate level of AA1000 AS(2008) standard, and identified compliance of comprehensiveness, significance, and responsiveness principles, and did not include reliability assessment on sustainable performance information in this assurance process. As for GRI index regulation, we applied application level A.

### Assurance Method

The assurance team complied with the assurance standards, utilized methodologies developed for collecting related evidence so as to lower error on the reported contents.

- Reviewing LG Display's significance determining process and checking appropriateness to determine order of priority of assurance
- Reviewing sustainability strategy implement process and the system for implementation thereof
- Interviewing high level managers and executives who are responsible for managing sustainability issues, and selecting grounds and appropriateness which support the discussed issues
- Generating, collecting, and checking the report processes of data in each performance area
- Independent evaluation on LG Display's report in preparation for applicability level of GRI guidelines

### Assurance Opinions

This assurance team reviewed the draft report and provided its opinions, and revisions were made to the report when necessary. Based on the assurance activities performed, the assurance team confirmed that LG Display complied with the reporting principles and wrote sustainability performances appropriately.

This Assurance team confirmed that the GRI indexes stated in the GRI index were being reported either completely or partially as a result of the significance assessment process. This assurance team confirmed that the report satisfies the A+ applicability level of GRI guideline G3.1.

BSI provides the following assessment of this sustainability report, while within limits that will avoid possible negative effects on the results of the assurance:

This is LG Display's first sustainability report, and as such, it is significant to LG Display for several reasons. The assurance team of BSI acknowledges that this report will contribute greatly to the sustainable growth of LG Display.

In this report, LG Display demonstrates a strong will for, and confidence in, the development of its sustainability management. This report clearly demonstrates that LG Display has actively participated in low carbon, green growth programs and has addressed many of the issues it faces in sustainability. It has reinvigorated its policies to reduce greenhouse gas emissions, has developed market-leading eco-friendly products, and has become the first International LCD company with clean development mechanisms (CDM), while seeking business opportunities from changes in the international environment.

LG Display also cultivates an ethical, transparent corporate culture, and encourages employees to practice the people-oriented LG Way management philosophy in daily operations, making their workplaces attractive for everyone to work together. Encouraged by the management slogan, "Embracing the dreams of future generations with LG," employees at LG Display fulfill their obligations in corporate citizenship by participating in volunteer programs. These activities ensure that LG Display continues to be a reliable and attractive company for all stakeholders.

**Comprehensiveness is a principle guaranteeing participation of stakeholders in order to develop and achieve strategic and responsible response measures to sustainability.**

The assurance team confirms that LG Display is implementing a participation process for stakeholders, collecting stakeholders' opinions, and making efforts to reflect those opinions in sustainable policies. It is also establishing a regular channel for communicating with each stakeholder group, and determining the order of priority in reporting the results of the stakeholder questionnaire and feedback became helpful in determining the contents of the report.

In order to address sustainability issues appropriately and establish a stronger structure for sustainability governance, it is recommended that LG Display implement effective reporting channels to the CEO and the BOD in regards to the policies, strategies, objectives, and performance status of sustainability management. Such periodic reports and management reviews of company-wide sustainability management will become important motivations for stronger sustainability governance structure and higher capabilities of employees accordingly.

**Significance is in determining of issues by stakeholders that are necessary in making decisions based on information on LG Display and its effects.**

The assurance team established that, in order to understand the issues it should address in its sustainability management, LG Display collects major stakeholder issues through communication channels such as surveys and media research, then selects core issues through a materiality test. The assurance team has also established that LG Display reflects these core issues in the development of strategies for sustainability management.

As a result, this report clearly reflects the company's responses to climate change, development of energy-efficient products, and supply of those products to the market. It also provides a clear sense of direction in addressing these issues, and it demonstrates the active involvement of the CEO in socially responsible management. However, it is recommended that LG Display also include target indicators of the future outlook apart from past performance data; inclusion of this data would help stakeholders anticipate short-term results and policy direction for sustainability issues at the individual and divisional level.

**Responsiveness is one of the principles of the scope by which an organization responds to a stakeholder issue.**

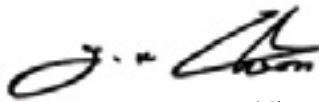
The assurance team has confirmed that, in this report, LG Display properly discloses the issues it has selected through communication with stakeholders. The team also confirmed that LG Display properly addresses the selected major issues through several communication channels.

Each business sector reflects positive aspects of the performance that the company achieved regarding the sustainability issue. However, in order to maintain balance in reporting, it is recommended to derive issues with poor performance and include efforts to resolve those issues.

#### Performance Information

It is recommended to devise a system which integrates and manages performance data of each area of economy, society, and environment, and establishes a system which manages performances to goal on a regular basis, and to connect it with internal audit process for data reliability management.

August 2012



Jeong Ki Cheon  
CEO of BSI Group



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AA1000  
Licensed Assurance Provider  
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# Greenhouse Gas Emissions Verification

## Terms of Engagement

This Assurance Statement has been prepared for LG Display Co., Ltd.

Lloyd's Register Quality Assurance Ltd (LRQA) was commissioned by LG Display Co., Ltd. to verify the GHG Emission data presented in the Inventory Report of GHG emission and the amount energy used in 2011. The data relates to direct GHG emissions and energy-indirect GHG emissions.

## Management Responsibility

The management of LG Display Co., Ltd. was responsible for preparing the Report and for maintaining effective internal controls over the data and information disclosed. LRQA's responsibility was to carry out an assurance engagement on the Report in accordance with our contract with LG Display Co., Ltd.

Ultimately, the Report has been approved by, and remains the responsibility of LG Display Co., Ltd.

## LRQA's Approach

Our verification has been conducted in accordance with GHG Target Management Scheme of the Korean *Specification with guidance for verification of greenhouse gas assertions* to provide reasonable assurance to the LG Display Co., Ltd.

In order to form our conclusions we have :

- Conducted site tours of the facilities and reviewed processes related to the management of GHG emissions data and records
- Interviewed relevant staff of the organisation responsible for managing and maintaining GHG emissions data; and
- Verified the historical data and information at an aggregated level for the calendar year 2011.



### Level of Assurance & Materiality

The LRQA opinion expressed in this assurance statement has been formed on the basis of a reasonable level of assurance

### LRQA's Opinion

Based on LRQA's approach we have found that the GHG data as presented in the Inventory Report of GHG emission and the amount energy used within the Report are materially correct.



Dated: 20<sup>th</sup> February 2012

SANG-KEUN YOO

On behalf of Lloyd's Register Quality Assurance Ltd.

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Because of the inherent limitations in any internal control it is possible that fraud, error, or non-compliance with laws and regulations may occur and not be detected. Further, the verification was not designed to detect all weakness or errors in internal controls so far as they relate to the requirements set out above as the verification has not been performed continuously throughout the period and the verification carried out on the relevant internal controls were on a test basis. Any projection of the evaluation of control to future periods is subject to the risk that the processes may become inadequate because of changes in conditions, or that the degree of compliance with them may deteriorate.


## Glossary

Term	Definition
<b>Matching Grant</b>	A social contribution program through which a company provides an amount equivalent to donations raised by employees.
<b>Minerals from Regions of Conflict</b>	Raw materials mined in countries or regions experiencing conflicts. Examples include tantalum, tungsten, tin, and gold.
<b>Biochemical Oxygen Demand</b>	A standard to assess water contamination that measures the amount of oxygen needed by aerobic biological organisms to break down organic material over a specific time period.
<b>Memorandum of Understanding (MOU)</b>	An agreement in the form of a written document between two institutions prior to agreement to a formal contract.
<b>Greenhouse Gas and Energy Target Management System</b>	A program that encourages large-sized workplaces to establish and reach target amounts of greenhouse gas emissions and energy consumption through negotiation with the government.
<b>Chemical Oxygen Demand</b>	A standard to assess water contamination that measures the amount of oxygen needed to completely oxidize and purify polluted substances from organic materials
<b>Organic Light-Emitting Diode (OLED)</b>	A self-luminous lighting source created by passing current through a fluorescent organic compound, resulting in an electroluminescent optical phenomenon.
<b>Thin Film Transistor Liquid Crystal Display (TFT-LCD)</b>	A digital display that reproduces visual information by adjusting the amount of light during changes in the LCD's state, augmented by the characteristics of the polarizing plates.

## Participants of This Report

**Organizers** : Kyung-Un Lee, Gong-Ju Seo, Sang-Eun Park in Corporate Social Responsibility Team

Purchasing Planning Team	Gu-Won Kim	Packing Development Team	Kwang-Yeon Kim
Gumi Employee Satisfaction Team	Su-Bin Lee	Quality Planning Team	Dae-Woong Choi
Gumi General Affairs Team	Woo-Chul Jeon	Global Standards Team	Byung-Hee Choi
Finance Planning Team	Nam-Joong Kim	Public Relations Team	Byung-Sun Park
Technology Planning Team	Young-Min Kang	A2D Supporting Team	Sang-Kyu Park
Public Affairs Team	Sang-Myung Lee	Compliance Team	Hyeong-Woo Park Kyong-Ye Cho
Dream Marketing Team	Min-ho Kim	Consumer Insight Team	Dae-Whan Lim
Corporate Social Responsibility Team	Ju-Hyun Kim	Dell Sales Department	Ryan Kim
Production Team 1/2/3	Douk-Ki Chang	Enemizer TDR	Byung-Wook Bae
Equipment Purchasing Team	Kyung-Mok Kim	Global Open Innovation Team	Dae-Mang Jang
Tax Team	Hyun-Jin Kim	HR Planning Team	Tae-Su Kim
Trade Supporting Team	Kyung-Shick Chung	IR Team	Suk Heo
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Strategic Planning Team 1	Ga-Hyun Ahn	KARIBA TDR	David Son
Security Strategy Team	Eun-Gang Park	Notebook CS Team	In-Kyu Kim
Paju Employee Satisfaction Team	Gun Choi	Notebook Qualification Team	Chil-bong Kim
Paju Safety Managing Team	Yong-kook Son	Service Customer Supporting Team	A-Reum Lee
Paju General Affairs Team	Hum-Sun Yang	TV CS Team 1	Jae-Woong Huh
Paju Green Team	A-Rong Shim	TV Development Planning Team	Young-Mi Kim
		Work & Life Balance Task	Won-seok Choi



**LG Display reaffirms its commitment to corporate social responsibility and sustainable management by creating greater value for its customers and practicing its people-oriented management philosophy.**

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For more information about LG Display's increasing sustainability management activities, please visit its website.

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