

# **About this report**

The LG Display Sustainability Report 2019-2020 is the 9<sup>th</sup> edition of LG Display's Sustainability Report. Through this report, we intend to share with our stakeholders the activities and achievements of LG Display that were accomplished while reaching the sustainable management goals for the past year. In order to share such information, this report is comprised of our selection of core sustainable values. We promise to maintain active communication with our stakeholders through the continued publication of our sustainability report.

#### Scope & Period

This report covers our business operations in our domestic business sites(Seoul, Magok LG Science Park, Paju, Gumi) and overseas sites(Nanjing, Guangzhou\_GZ, Yantai, CA, Vietnam, CO) as well as over 75% of our management activities. We also included our major achievements in sustainable management from January 1 to December 31, 2019. Quantitative data from the past 3 years is included in this report to offer insight into our performance, while a partial report on our qualitative performance in the first half of 2020 is also provided.

#### **Principles & Assurance**

This report has been prepared in accordance with the reporting principles of the Global Reporting Initiative(GRI) Standards, which are the international guidelines for sustainability reports. Additionally, this report partially applies the consolidated reporting framework of the International Integrated Reporting Council(IIRC), following the core conformance method of the guidelines. We also had this report externally audited by a third party to validate the accuracy and reliability of its content. The results of this audit can be found in the Third-Party Assurance Statement(pq. 94-95).

#### For More Information

This report is available to view and download in Korean, English, and Chinese on the website of LG Display(www.lgdisplay.com). For more information about this report, please contact us using the contact information provided below.

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#### Cover Design Concept

The technological goal of LG Display's OLED products is to provide a "natural reality," or a visual experience that is the closest to nature. Through the cover of this report, we have expressed OLED technology which displays natural colors.

# You Dream, We Display.

2019 - 2020

LG Display Sustainability Report

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# CEO Message



"We will provide our customers with the best solutions and achieve sustainable growth."

Dear stakeholders, customers, partner companies, and employees,

Thank you for all the care, appreciation, and heartfelt advice that you have given to LG Display. In response to the fast-changing market and competitive environment, LG Display is doing its utmost to realize differentiated competencies through world-leading technologies and talent.

In this sustainability report, we present the achievements of our efforts to pursue sustainable growth firmly grounded in the faith of our stakeholders amidst uncertainties in our business environment. We allotted a special page on the achievements of the technological innovation and product development of OLED projects to share our flagship business for the next generation and prove our endeavors towards sustainable management.

#### We will create differentiated customer value through world-class technologies.

LG Display is concentrating on high value-added LCD projects, as well as on the development of OLED as our flagship business of the next generation.

As for large OLED products, we have launched those with never before seen features and designs. We successfully developed the world's first "Wallpaper," Cinematic Sound OLED, Transparent OLED, as well as Rollable OLED. Our 65-inch Rollable OLED was especially recognized for its innovative technology, receiving the Presidential Award, the highest award at the Korea Technology Awards. Thanks to the operation of our new plant in Guangzhou, we have secured stable production, a fundamental factor for OLED displays, and aim to make OLED a new trend of the future. We are also strengthening the business fundamentals of small- and medium-sized OLEDs by expanding supplies from smartphone to automotive displays.

#### We will grow together with society by fulfilling our responsibilities as a global company.

With "creating customer-centered values" and "management based on human respect" as our basic business principles, we constantly strive to create not only economic values, but also social and environmental values.

With our endeavors to meet global standards for safety, health, energy, and environmental management as a global company, we were the only Korean company that was recognized last year as an outstanding company in both the "Response to Climate Change" and "Water Management" sections for the Carbon Disclosure Project assessment.

It is also important that our partner companies, local communities, and employees are alongside us. We operate various mutual development programs based on win-win cooperation with partner companies, which led to our nomination as the "Best Win-win Company" for five consecutive years. Moreover, we engage in global corporate social responsibility activities through close exchange programs with local communities and create a corporate culture in which employees can actively utilize their capabilities and openly communicate with necessary organizations.

#### We will aim towards becoming the "Best Display Solution Company."

Becoming the "Best Display Solution Company" has become our new goal after specifying our vision of "You Dream, We Display" and elaborating our other visions. That is, as the best solution provider, we will maintain the highest standards for our products, technologies, services, processes, systems, human resources, and all other factors to satisfy the needs of our customers.

LG Display must attain the highest standards to provide our customers with the best solutions and trust that profit and market share will naturally follow. Moreover, we will go beyond products and hardware to approach the whole ecosystem from a business model perspective.

We will give our all to overcome the difficult business environment by responding quickly and flexibly to the changing business environment and achieve sustainable growth based on core competitiveness.

Thank you.

June 2020, >







# You Dream, We Display

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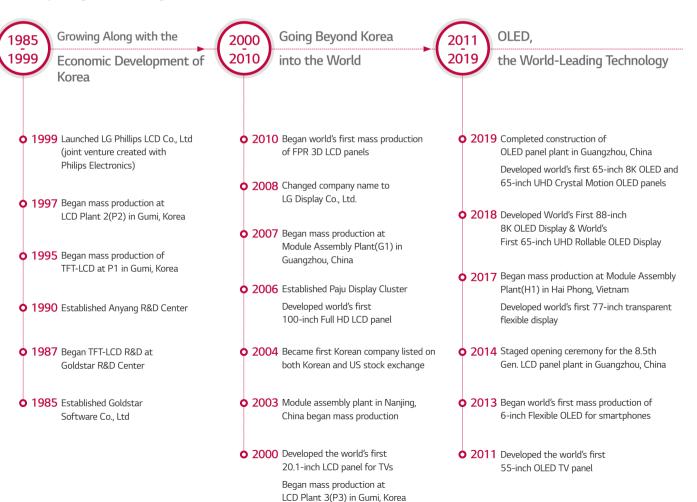
# **Company Profile**

#### **Company Profile**

Having begun with the development of TFT-LCD panels in 1987, LG Display is a global display company that manufactures and sells innovative displays and related products through distinct technologies such as OLED and IPS. We are constantly developing new innovative technologies, including Cinematic Sound OLED, 8K OLED, and Flexible OLED in various display products such as televisions, IT products, mobiles, automobiles, and other commercial display products. LG Display will provide customers with greater value by leading the global display market based on advanced technologies and stable production capability.



### **Company History**



#### Vision

LG Display conducts all management activities based on our vision, "You Dream, We Display." Aiming to become the best display solution company, we look after our customers' needs and offer solutions, providing not only display-related parts, but also new products and services to create the future of our customers' dreams. LG Display will continue to promptly respond to environmental changes by prioritizing customer value, and meticulously prepare for and act on producing the best results for leading the display industry.

# **LG** Display

# Brings your dreams to life

Vision

You Dream, We Display

Goal

The Best Display Solution Company

**Behaviors** 

Customer First

Insight Driven

Agility

Thoroughness

Open Collaboration





Customer value is Based on the expertise, the highest priority



Insight Driven

see through the in all decisions and phenomena, changes in circumstances, and countermeasures in the essence of work and grasp exactly what they mean to the

company to establish

strategic alternatives.



Quickly capture changes and implement a timely manner.



Thoroughness

Prepare carefully and execute thoroughly to achieve the best



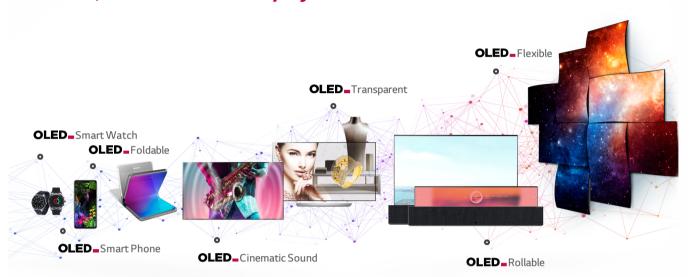
Collaborate without internal and external boundaries to achieve larger



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# **Company Profile**

# **LG OLED, the Future of Displays**





#### 1. Accurate with

Perfect Black Accurate Color Wide Viewing Angle



#### 2. Comfortable

with

Flicker Free Low Bluelight



### 3. Eco-friendly

with

Less Hazardous Substances

# Differentiated technologies adding values to life



Intuitive touch with in-TOUCH



Clear picture quality from any angle with **IPS Nano Color** 



Greater luminosity with **HDR** 

# Innovations that change lifestyles

TV

Displays that are more than a simple screen





Mobility

Displays with values in use and design



Displays changing the value of space

Commercial

Transparent Flexible

Cinematic Sound Wallpaper

Rollable





Displays transformed ahead of changes in customers' needs

Foldable Notebook Medical Display



Smart displays of the smart generation

Mobile Phone Cylinder OLED







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# The world's first rollable OLED display presenting the infinite expandability of OLED

Self-illuminated, Rollable display made possible with OLED's backlight-free technology



Rollable OLED is made possible by our industry-leading OLED technology, which is characterized by a thin sheet of glass and polarizers that protect the organic layers from humidity.

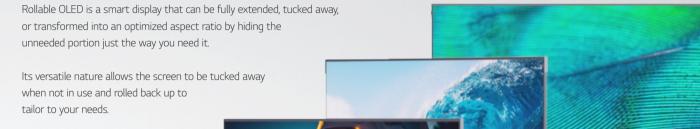
The Rollable OLED panel takes advantage of the backlight-free feature of OLED by keeping the display thin and flexible. This means that while Rollable OLED maintains its high definition display, it can also be rolled up out of sight into a housing case.

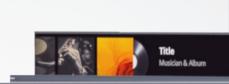




# Presenting Rolling OLED: the All-round Player in Display

# **ROLLING**





# Redefining Space: Maximizing the Use of **Space**

# SPACE

TVs no longer have to be mounted to the wall or consume a chunk of your time with an installation process. With Rollable OLED, you will be liberated from the burdens and the limitations of the wall. Step out of your comfort zone and feel free to curate your space in all ways imaginable. You'll soon realize that Rollable OLED can enrich and blend with your surroundings, regardless of where it is.

With Rollable OLED, you can expand or separate spaces, and go beyond spatial limitations and easily install the device in areas where people come for different purposes.





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# The world's best Rollable OLED Renowned and recognized by the world

#### The World-Renowned Rollable OLED



Eye-catching at
"SID 2019"
with Outstanding
Technologies

# **TECHNOLOGY**

LG Display proposed a new future by promoting our authentic technologies through the "65-inch UHD Rollable OLED TV" that we installed in the SID 2019 LG Display booth.

\*SID: Society for Information Display

# Rollable OLED, the Technological Innovation of Korea

Receiving the "Presidential Award" at the 2019 Korea Industrial Tech Awards

# AWARD

LG Display was recognized for making innovations through the Rollable OLED technology that it independently developed throughout the years and for its efforts in promoting the display technology of Korea to the world.



Impressed the World Again at "CES 2020" with Technological Innovation

# INNOVATION

LG Display's Roll-down OLED TV can be mounted on ceilings or on window frames, which allows for creative use of space and breaking away from conventional furniture layouts, creating a new type of lifestyle.





※Source: Yonhap News Agency

The Appearance of LG Rollable TV During the President's State Visit, **Leading** the World's Best Technology



In June 2019, President Moon Jae-in proposed the topic for a hackathon for college students using LG Rollable OLED TV in Finland, spreading the innovative technology of Korea.

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# **Global Network**

LG Display established and operates manufacturing bases, sales offices, and branches in the major markets of China, Europe, and North America. Our global network covers our headquarters in Korea, eight Production Corporations, eight Sales Corporations, and nine Branches. We realize management centered around customer satisfaction by localizing our production and supply process to quickly respond to the markets' demands and our customers' needs.

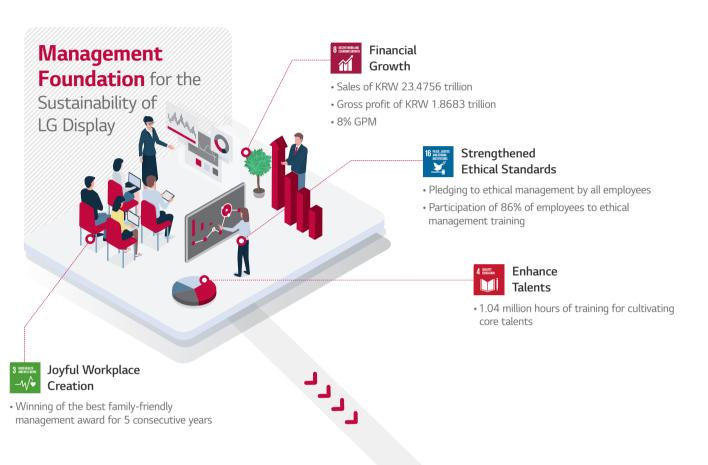
- ★ Headquarters
- Laboratories
- Production Corporations





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# **Sustainable Value Creation Process**





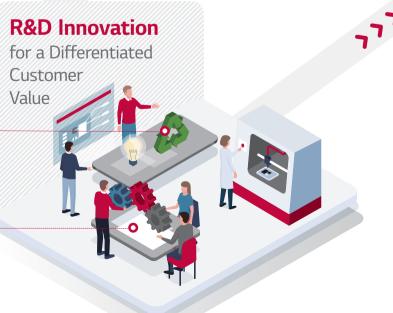
• Recycling rate of 92.2% for 65-inch displays



• Increase of KRW 19.2 billion in R&D investments due to strengthened R&D activities for new products and technologies of large OLED and P-OLED\*

- Development of differentiated products by fulfilling TDR\*\* of 27 tasks
- World's first extra-large in-TOUCH products (50-inch UHD)
- World's first WOLED transparent products (55-inch FHD)
- World's first OLED 8K products (88-inch 8K)

\*P-OLED(Plastic OLED): Panel with high degree of design freedom by using plastic substrates \*\*TDR(Tear Down Redesign): A temporary innovative organization composed of experts of different fields for accomplishing a specific task





3 GOOD HEALTH Lead Health & Safety

- Improvement of safety levels of business sites through completion of safety courses by 5,830 safety practitioners
- Recognition of "Paju Safety School" as a legal safety experience center (Korea Occupational Safety and Health Agency)



- 192% rate of reuse of business site water by strengthening water resource management
- Acquisition of Leadership A (highest grade) for both "Response to Climate Change" and "Water Management" at 2018 CDP Korea



#### 7 PARTNERSHIPS Drive Open-collaboration

- Financial support of KRW 100 billion for Win-Win Growth Funds
- Acquisition of the highest grade of the Win-Win Index for 5 consecutive years
- Medical support for 131 partner companies



- Systematic customer management through customer satisfaction survey
- Spread of the superiority of OLED by operating the OLED information channel "OLED SPACE"



# 8 ECONOMIC CONTROL CON with the Community

- · Hiring of 302 people with disabilities through Nanumnuri project
- Strengthening of safety for night pedestrians in Paju and Gumi by installing crime prevention facilities (LED smart streetlights, solar location lightings, etc.)





#### 4 BLAUTE Education for Children and Youth

- Reduction of digital divide for 408 children by offering support in the form of PCs for creating an environment for IT education at childcare facility
- Cultivation of the talents of 16 students (accumulated 54) in the arts and sports fields by supporting scholarships through the Hope Wing Club







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# **Corporate Governance**

# Corporate Governance Structural System

Qualifications of Independence for External Directors

- 1. A candidate must not have been hired as a CEO or for other executive positions of LG Display over the past five years.
- A director or his/her family member must not have received more than USD 60,000 for any purpose from LG Display, its parent company, or any subsidiaries over the past three years.
- 3. A director or his/her family member must not have been positioned as an executive of LG Display, its parent company, or any subsidiaries over the past three years.
- 4. A director must not be positioned as LG Display's advisor or consultant, and must not hold any alliance with LG Display.

For the enhancement of the rights and interests of LG Display's stakeholders, efficient decision-making considering sustainable development is essential. For this reason, our company formed the Board of Directors(BOD), the highest governing authority, with three Subcommittees of Board of Directors under it for efficient BOD activities.

#### Composition of the Board of Directors

The Board of Directors, which is in charge of decision-making and supervising management, is composed of two executive directors, one non-executive director, and four external directors. The current Board Chairman and CEO are different individuals, and the majority of the board members (57%) are composed of the external directors, to assure independence of the board. Amongst the Subcommittees of Board of Directors, the Audit Committee and the Outside Director Nomination Committee under the board also have a majority of external directors as members. For faithful performance of duties as external directors, we limit the number of additional positions apart from our company to one position only.

\*Article 542-8 of the Commercial Act. Article 34 of the Enforcement Decree of the Commercial Act.

#### **Current Board of Directors**

Category	Name	Title	Term
F .: D: .	Jeong Ho-young	CEO and President, LG Display	March 20, 2020
Executive Directors	Seo Dong-hui	CFO and Senior Vice President, LG Display	March 15, 2019
Non-Executive Director	Kwon Yeong-su	CEO and Vice Chairman, LG, and Board Chairman	March 15, 2019
	Hwang Seong-sik	Chairman of the Audit Committee and CEO and Vice Chairman, Sindoh Co., Ltd.	January 15, 2015
Outside Directors	Han Geun-tae	Member of the Audit Committee and CEO of Hans Consulting	March 11, 2016
Outside Directors	Lee Byeong-ho	Professor of Electrical and Computer Engineering, Seoul National University	March 15, 2018
	Lee Chang-yang	Member of the Audit Committee and Professor of Economics and Public Policy, KAIST	March 15, 2019

%As of March 2020, term: 3 years

#### Subcommittees of Board of Directors

Among our three committees under the Board of Directors(BOD), the Audit Committee and the Outside Director Nomination Committee were formed to comply with legal obligations, and the Management Committee was formed to improve our corporate governance through efficient decision-making and self-driven management activities. All decisions made by the Audit Committee and the Outside Director Nomination Committee are reported to each of their directors immediately, and those from the Management Committee are reported within one week, then finally raised to the BOD every first and second half of the year.

Roles of the Subcommittees of Board of Directors

#### Audit Committee

- Audit of the company's accounting
- and key business operationsApproval for appointment of an
- Approval for appointment of an external auditorAssessing the operation status of
- Assessing the operation status of internal accounting management system and checking the operation status of internal monitoring system

#### Outside Director Iomination Committee

- Recommendation of outside directors
- Verification of candidates for outside directors

#### Management Committee

- Resolution on the issue of bonds
- Resolution on the installation, transfer, and closure of certain overseas subsidiaries, branches, plants, offices, etc.

#### **BOD Operations**

### BOD Performances (Unit: Session, Case, %)

Category	2017	2018	2019
Number of BOD meetings	9	8	9
Number of Items on the Board Meeting Agenda	46	36	40
Attendance rate of outside directors	94	97	90

#### **BOD Activities**

The Board of Directors (BOD) makes decisions on major issues and supervises the performance of duties of the directors and executives according to legal and internal regulations. The company's executives, including the CEO, report on the major matters of management to the BOD, such as business performance, perspective, and tasks to be completed, at least once\* every quarter. A Board Meeting is held whenever the board's decision needs it. The board also supervises the executives' performance by screening the appropriateness of transactions by assessing the fairness of the terms of transactions and comparing alternatives. All board members are required to attend unless they have a valid reason not to. In 2019, 88.8% of internal directors and 91.6% of external directors attended the Board Meetings.

\*Article 30 of Articles of Incorporation and Article 6 of the Regulations of the Board of Directors

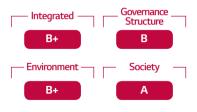
#### Responsibilities of the BOD

LG Display formed the majority of the Board of Directors with external directors to secure independence for the proper function of overseeing the board executives. We transparently operate the Board Meetings through in-depth discussions on matters from diverse approaches by professionals of various fields.

For securing diversity in our board, we do not limit gender, race, nationality, or cultural background when appointing new members. Also, to secure management professionalism, we appoint non-executive directors with related experience and external directors with diverse backgrounds, such as finance, accounting, leadership, business management, and various industries.

Moreover, to strengthen the professionalism and management responsibilities of external directors, we host annual workshops for discussions and Q&A sessions on the major business status, industrial technologies and LG Display's production process, the direction of investment, changes in roles according to amendments to regulations, and feedback from investors. We also conduct tours at our domestic and overseas business sites to enhance understanding of the display industry, technologies, production, and the overall business.

#### 2019 Governance Evaluation Rating



\*Evaluation by Korea Corporate Governance Service

#### Performance Evaluation and Remuneration of the BOD

The official evaluation for the activities of external directors is based on the participation rate and professionalism of their three-year term, and then their reappointment is considered by the External Director Candidate Recommendation Committee. Meanwhile, for the Audit Committee, we conduct self-evaluations on their roles and activities to strengthen the professionalism and vigilance of executives.

To maintain fairness and independence, there are no commissions or fees depending on the performance evaluation of external directors. External directors receive the same fixed wage as approved in the General Meeting. All the wages of directors, including the CEO, are disclosed in the annual report, and the CEO's wage in 2019 was 22.7 times the average yearly wage of employees.

# **Corporate Governance**

# Assurance of Shareholder Rights

#### Composition of Shareholders

LG Display issued a total of 357,815,700 common stocks as of the end of 2019, and implements the one share, one vote system\*. The CEO holds stocks that are worth 1.02\*\* times the yearly wage, and other executives hold those worth 0.23 times their yearly wages. Founding shareholders hold 5.58% of shares in total.

\*One share, one vote system: One voting right per common stock

#### Composition of Major Shareholders

(Unit: %)

Category	Holding Shares	Percentage
LG Electronics	135,625,000	37.9
National Pension Service	28,115,952	7.9
CITI Bank [ADR DEPT]	9,772,960	2.7
Vanguard Group Inc.	4,229,131	1.2
Blackrock	3,819,358	1.1
Total	181,562,401	50.8

%Top five shareholders, No governmental agency holds more than 5% of voting rights

#### Disclosure of Information for Shareholders and Investors

To protect the rights of shareholders, LG Display willingly discloses information related to the company and shareholder activities. We post the date, venue, agendas, and other general information related to our regular and irregular general meeting of shareholders on our official website and DART(Data Analysis, Retrieval, and Transfer), the electronic disclosure system of the Financial Supervisory Service.

Other information on business management, composition and status of shareholders, and financial matters can be accessed from our Korean and English websites and other electronic disclosure systems, such as DART\* and KIND\*\*. We also conduct quarterly performance briefings through a conference call that features a webcasting service for the convenience of our shareholders and investors. Also, as we are listed on both the Korean and the U.S. stock exchanges, we provide information to the U.S. Securities Exchange Commission with our annual report, periodic reports, 20-F Form, as well as special disclosures on business management and conflict minerals.

\*DART: dart.fss.or.kr \*\*KIND: kind.krx.co.kr

#### Activating Communication with Shareholders and Investors

LG Display engages in various investor relations(IR) activities to enhance communications with shareholders and investors. Our website features various IR materials for our shareholders' and investors' reference. For minority shareholders, we conduct conferences and a Q&A session twice a year to address questions that we received in advance. Also, for domestic and overseas institutional investors, banks, and other stakeholders, we open non-deal roadshows(NDR), and participate in local and overseas conferences, corporate tour meetings, and 1:1 and group presentations. In 2019, we conducted about 480 IR meetings and we usually conduct about 500 IR meetings each year.

# Financial and Risk Management

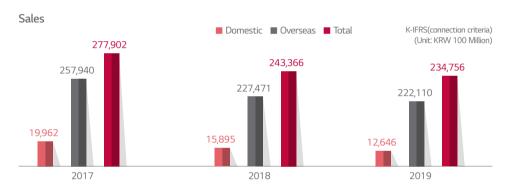
# Financial Stability

A sound financial structure is critical for a company's sustainable growth and management activities. LG Display strives to secure a stable profit source and create consistent benefits by quickly transforming to an OLED business structure.

#### Sales

The display market reacts sensitively to business fluctuations. The panel business' increasing investment in facilities and changing capacity utilization rates create a repeated imbalance between supply and demand. More specifically, in 2019, the intensified competition due to increased production in China caused plunges in panel prices, and LG Display's suspension of LCD production due to weakened competitiveness plunged our sales to KRW 23.4756 trillion, or a 3.5% drop compared to the previous year. Our overseas sales marked KRW 22.2110 trillion, taking up 94.6% of total sales, and domestic sales added up to KRW 1.2646 trillion, or 5.4% of total sales.

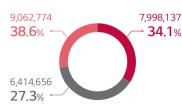
LG Display will continue to expand our OLED projects as well as televisions, IT, and mobile markets, and proactively develop new markets, such as commercial and automotive, to create stable financial performances.



#### 2019 Product Sales and Rate

(Unit: KRW 1 million)





#### Business Performance by Project

After the suspension of domestic production of large LCDs for televisions, LCD television sales dropped by nearly 30% compared to those of 2018. Meanwhile, in the case of OLED production, sales increased by over 10% compared to those of the previous year due to increased productivity, differentiated products, and the securing of more customers. This data shows that the OLED television sales rate to total television sales increased by 10%, marking 34% of total television sales.

IT projects are generating a significant amount of profit within our business portfolio and are expected to increase in their proportion of sales in 2020.

For our mobile business, we secured the technology for mass production of P-OLED\* for smartphones. The costs that occurred for acquiring the technology and the drop in demand for high-end smartphones resulted in a drop in the yearly profit, but our sales for automotive displays increased by 16% compared to the previous year. We were the first to produce P-OLED products for automobiles. We are expanding our business by mass producing the world's first automotive P-OLED products, which is foreseen to have great potential for growth opportunities.

\*P-OLED(Plastic OLED): Panel with high degree of design freedom by using plastic substrates

<sup>\*\*</sup>Data on Vice President Han Sang-beom as of the end of 2019; President Jeong Ho-young is the current CEO as of the publication of this report

# Financial and Risk Management

#### **Tax Policies**

- LG Display complies with the local tax laws and regulations of the host country.
- LG Display prohibits income transfer that abuses the difference in taxation among nations, does not avoid taxation nor utilize tax havens, and complies with tax obligations.
- LG Display screens the appropriateness of transactions with related parties, such as evaluating fairness and comparing alternatives.
- In order to prevent risks related to international taxation, we trade at the normal price in the operation of transfer prices with concerned overseas parties.

LG Display thoroughly manages compliance with tax regulations, as well as tax risks, such as tax evasion and sales transfer. We monitor the precise taxation according to local laws, and proactively respond to related risks.

#### Tax-Related Policies

LG Display observes the same standard for tax payment processes for both domestic and overseas business sites, and we fulfill our duties as a taxpayer under local tax laws. In addition, when it comes to applying transfer prices\*, we follow the normal price principle.

\*Transfer price: A price applied for the transfer of raw materials, products, or services among enterprises under common ownership or control

#### Tax Risk Management

We try to respond proactively to the different tax policies of different tax authorities. In order to achieve this, LG Display established a tax management process. All information related to taxation is regularly reported to the Audit Committee and the management executives according to the type of tax and the level of importance, and we operate a special organization dedicated to tax returns and payment to thoroughly comply with related regulations. For important tax returns, we take additional steps in receiving clearance from our internal and external accounting firms, and for matters that convey tax-related uncertainties or major risks, we consult a professional in order to take actions appropriately.

#### Tax Credit for Research and Human Resources Development Costs

Korea's tax credit system functions to boost investments in local corporations and R&D. Thus, the costs for research and human resources development are subject to tax credit. Tax credits are usually applied within a range of taxable income, and the extent to which tax credit is subjected is determined by the amount of future taxable income. LG Display invests in large facilities and constantly conducts research and development. LG Display invests in large-scale facilities and constantly engages in research and development.

#### Disclosure of Corporate Tax Information

LG Display publicizes annual reports and consolidated audit reports on DART, the electronic disclosure system of the Financial Supervisory Service, and transparently discloses the details of corporate tax. We also regularly submit our annual reports and 20-F Form to the U.S. Securities Exchange Commission, disclosing information on the effective tax rate and other tax related obligations.

#### Current Status of Corporate Tax

(Unit: KRW 1 million, %)

Category	2018	2019
Corporate Tax	88,077	(472,164)
Effective Tax Rate	-	-
Paid Tax Rate	-	-

%Nominal tax amount and paid tax amount are the same and limited to corporate tax. Effective and paid tax rates of 2018 and 2019 are not computable due to profit and loss

# Integrated Risk Management

#### Company Risk Management System

LG Display proactively manages risks by detecting the internal and external risk factors and responding to them immediately. We analyze the risks in relation to the business environment, such as uncertainties, opportunity loss, casualties, and suspension of work, and we rate the criticality according to the possibility of realization and impact while establishing a prevention and management system at the same time.



• Establish site-centered

response plans

Critical Risk Analysis and Response

Minimize the impact of risk to

maintain business operation

LG Display fully understands emerging risks by identifying the seven main areas of response and fifteen critical risks. We developed a management manual for proper response to different emergency situations.

#### 7 Areas of Response and 15 Critical Risks

Areas of Response	Critical Risks		
Interruption in Production	• Interruption in utility supply (electricity)	Interruption in logistics	
Information Security	Leakage of national core technologies	Leakage of trade secrets	• Leakage of customer personal information
Failure of the information System	Shut down of information system	Hacking/virus	
Environment/Health	Gas/chemical leakage in factory	Environmental pollution	
Industrial Disasters with Casualties	Massive accidents with casualties	Industrial disaster	Contagious disease
Damage to Production Facilities	Fire/explosion		
Conflict between Stakeholders	• Internal conflict (strike, sabotage, walkout)	• External conflict (mass clai	ims)

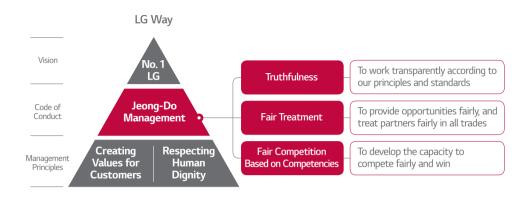
#### **Emerging Risks**

Risks	Business Impact	Response
Risks of Environmental Regulations	<ul> <li>Fines, surcharges, penalties, or business suspension due to violation of regulations</li> <li>Increase in costs for investment in facilities in response to environmental regulations</li> </ul>	Constant monitoring of domestic environmental laws and regulations Improvement of efficiency in existing facilities and development of eco-production technology Hiring of professionals for lawful and appropriate activities for preventing environmental pollution Appropriate treatment of wastewater and water reuse through cooperation with specialized agencies
Risks of Safety Management	<ul> <li>Legal measures, such as penalties and business suspension, for workplace accidents including casualties and severe disasters</li> </ul>	<ul> <li>Establishment and operation of an integrated safety management system for the prevention of workplace accidents</li> <li>Acquisition of international certifications related to safety and health (OHSAS 18001, KOSHA 18001)</li> <li>Operation of a control room for immediate communication in case of an emergency</li> </ul>

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# Jeong-Do Management/Information Security

### Jeong-Do Management **System**



#### Behavior Pattern of LG Way

Jeong-Do Management is our own code of conduct known as the LG Way through which we promote fair competition and sustainable growth. The LG Way involves not only ethical practice, but also a high level of competency that leads to strong performance. The true spirit of Jeong-Do Management is to enhance our competitive advantages while maintaining the honor and pride of LG.

Chapter 1. Responsibilities and Obligations to Customers

LG Code of Ethics

Chapter 2. Fair Competition

Chapter 3. Fair Trade

Chapter 4. Basic Employee Ethics

Chapter 5. Obligations to Employees

Chapter 6. Responsibility to Countries and Societies

#### LG Code of Ethics

#### "LG employees act and comply with the code of ethics."

LG established a code of ethics that is the basis for correct behavior and value judgement which all employees must follow in order to practice Jeong-Do Management. LG shares its code of ethics with all employees and stakeholders. LG Code of Ethics can be classified under the two categories of declarative and behavioral which provide specific principles of action.

#### Jeong-Do Management Organization

For the practice of Jeong-Do Management, LG Display established a Jeong-Do Management governance structure. The Office of Ethics investigates corruption or wrongful actions that were reported or acknowledged, and conducts training and promotional activities of Jeong-Do Management. The Management Diagnosis Teams 1 and 2 carry out business process diagnosis and management consulting while the Internal Accounting Diagnosis Team supports the Audit Committee to enhance transparency in management and check financial risks in advance. Thus, the teams are contributing to risk management and enhancing the competitiveness of the company. In addition, the company operates a separate China Diagnosis Team and conducts investigations into corruption and illegal activities in China, reviews work processes, conducts customized training sessions, and raises awareness of the culture of Jeong-Do Management to employees in the Chinese subsidiaries.

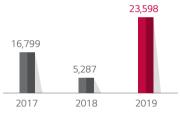


# Internalizing Jeong-Do Management

Number of Jeong-Do Management Training Hours



Number of Jeong-Do Management Trainees (Unit: Person)



\*Number of training hours and trainees increased in 2017 and 2019 due to conduct of online e-Learning programs

#### Practices Subject to Reporting

- 1. Receipt of reward from interested parties
- 2. Share in the unjust profits of partner companies
- 3. Lack of clarity in selecting partner
- 4. Illegal and unfair use of corporate assets
- 5 Manipulation of documents/ numerical figures and false reporting
- 6. Other violations of the code of ethics

#### Education on Jeong-Do Management

For our employees' education and internalization of knowledge on Jeong-Do Management, we conduct related educational sessions according to different duties and positions. We offer general courses for newcomers, new appointees, employees newly dispatched to overseas subsidiaries, and locally hired employees, while duty-specific courses and manager training courses for more effective internalization of Jeong-Do Management. Online courses for all employees are also conducted regularly.

#### Preparation of Pledge to Practice Jeong-Do Management

Our employees annually sign a Pledge to Practice Jeong-Do Management to recognize its importance and comply with Jeong-Do Management when performing their duties. The pledge acknowledges the LG Display Code of Ethics as well as the vow to practice Jeong-Do Management, and 26,590 employees have signed the pledge as of March 2020. The representatives of our partner companies also sign the pledge when signing contracts to demonstrate their willingness to comply with our Jeong-Do Management.

#### Reporting Violations of Jeong-Do Management

For the practice of Jeong-Do Management to prevent violations of the codes of ethics and eradicate corruption and illegal activities, LG Display operates online reporting systems and messengers, such as KakaoTalk and WeChat, for easy reporting. We also conduct activities for solving issues that partner companies encounter when conducting business with us. All information on the informant and the reported content stay confidential to prevent any disadvantages faced by the informant. In case a disadvantage occurs, we work to normalize the situation or compensate fairly. We also award informants of wrongful actions to efficiently eradicate improper activities and vitalize the reporting system.

#### Promotional Activities of Jeong-Do Management

LG Display conducts promotional activities of Jeong-Do Management through various channels, such as newsletters, blog postings, etc., to enhance awareness and encourage the participation of employees. More specifically, since 2015, we have been publishing Jeong-Do Management newsletters in different languages to distribute to our overseas business sites to raise awareness surrounding the code of ethics for our employees based in different parts of the world. We also developed a mobile app on Jeong-Do Management for employees to be able to easily check the code of ethics and have a channel of direct communication with the related division.

#### Monitoring of Jeong-Do Management

LG annually conducts a survey to check our employees' level of understanding and practice of Jeong-Do Management. Through this, we find areas for improvement and prevent the reoccurrence of unjust actions. LG Display also conducts questionnaires on Jeong-Do Management for raising awareness.

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# Jeong-Do Management/Information Security

# Information Security System



ISO/IEC 27001 Certification

#### Information Security Management System

LG Display makes efforts to protect not only our own trade secrets, but also the nation's core technologies, customer information, and other important information of our stakeholders. We have built an information security management system that meets the international ISO/IEC 27001 standard and undergo a certification process annually to maintain its effectiveness. In addition, we conduct real-time security control all year long to respond to cyberattacks such as malicious coding and hacking while checking and addressing vulnerabilities in our IT system.

#### Information Security Policies

LG Display recognizes information security as an essential part of business operations and observes the following principles to maintain our business practice and build trust, both within and outside the company.

- Every employee who has access to company information is required to comply with security procedures and actively protect information at all times.
- We create a healthy security culture through training, inspection, and communication.
- We maintain a reasonable level of control and investment for security.
- We ensure full compliance with legal and contractual security requirements.
- We help all parties in our supply chain maintain the same level of security as our own.

#### Information Security Policy

LG Display established and operates differentiated information security policies by field, including management, IT, physics, and protection of personal information, in accordance with the "Information Security Policies." Employees, partner companies, visitors, and all other parties related to the operation of our business are required to strictly follow our policies.

#### Organization of Information Security

To protect the information of the company and other stakeholders, LG Display designated an employee to be in charge of information security and established an organization dedicated to information security. Additionally, we host in-house security councils which security officers in the field and related fields attend to listen to opinions and reflect them in the security policies and activities. Our overseas subsidiaries also formed dedicated organizations for information security to operate an optimized system according to each of their environments.

#### Domestic Information Security Organization



# Strengthened Security Competency

# Security Mana To improve the le

6<sup>th</sup> Partner Security Capability Shared Growth Workshop

#### **Enhancing Awareness Surrounding Security**

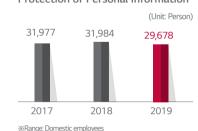
To enhance awareness surrounding security and encourage employees' voluntary compliance with security regulations, LG Display regularly conducts safety training and disseminates related advisories, such as Information Security Notices and Gonggam Plus. Also, we designated the Wednesday of the second week of July as "LGD Information Security Day" to promote security awareness and create a healthy security culture through diverse training activities such as responding to phishing emails.

#### Security Management Support for Partner Companies

To improve the level of security management and competency of partner companies, LG Display has been conducting Mutual Growth Workshops each year for the security managers of partner companies since 2014. In 2019, we shared accidents and the best practices related to security management with 76 partner companies. Additionally, we provided our core partner companies with the security guide for collaborating with us to help them develop the competencies to protect information on their own and prevent information from leaking.

# Protection of Personal Information

Number of Employees who Completed the Training for the Protection of Personal Information



#### Protecting Personal Information

To protect the personal information of stakeholders including our employees and customers, we designated an employee to be in charge of the protection of personal information and established a "Policy for the Protection of Personal Information" based on related provisions of the law, making sure that our employees and stakeholders strictly comply. Also, we disseminate the "Guide for the Protection of Personal Information" and conduct regular training to promote the significance of the protection of personal information and ensure its application in actual work.

#### Managing Personal Information and Preventing Related Accidents

In the event that LG Display needs to acquire personal information for official use, we obtain consent from the subject on the purpose of information collection and use, collected items, period of retention and use, and more. To prevent the abuse or leakage of information, we conduct regular inspections on the personal information system and the computers of personal information handlers at least once a year. We also operate a response system for accidents to quickly acknowledge and respond to unavoidable leakage of information. In 2019, we did not receive any complaints about or recommendations for improvements related to the protection of personal information from regulatory authorities or data subjects. We will continue to strengthen our personal information protection system to make an even safer environment by protecting the valuable information of employees, customers, and stakeholders.

# Sustainable Management System

# Sustainability Management Policy

LG Display established and implements sustainability management policies based on our management philosophies of "creating value for customers" and "respecting human dignity." We realize systematic sustainability management, abiding by policies for labor, ethics, environment, safety and health, and mutual growth.

#### Sustainability Management Policies

In order to fulfill its responsibility as a global corporation, LG Displays aims to gain stakeholders confidence in its all domestic and international management activities, and to pursue sustainable growth with society.

- Strives so create not only economic, but also social and environmental value while communicating with stakeholders.
- Respect the value and dignity of the company and its partners' employees.
- Abide by the business ethics such as regulations, international standards, internal regulation with honesty and justice.
- Endeavors to steadily improves managements on safety, health, energy, and environment in terms of corporate management.
- Fulfills social responsibility for sustainable development of business partners and communities.

# Implementation of the Sustainable Development Goals

We are participating in the implementation of the 17 goals of the UN Sustainable Development Goals (SDGs). In 2019, we focused on nine goals considering LG Display's business and value creation areas.





# Initiatives for Sustainability Management

LG Display pursues sustainable growth based on trusting relationships with our stakeholders. To realize sustainable management, we have established advanced CSR strategies and actively engage in four major strategies and related core strategic tasks. We will continue with our sustainability activities to secure business competitiveness and contribute to the sustainable development of the overall display industry.

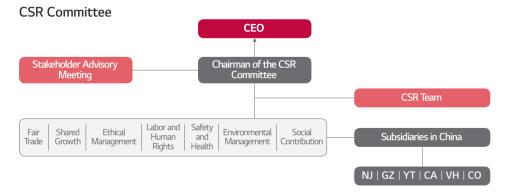
#### Sustainability Management System



<sup>\*</sup>Glocal: A compound word formed by combining the words "global" and "local," which by definition means to reflect both local and global considerations.

# Decision Making for Sustainable Management

LG Display operates a CSR Committee to make integrated decisions for the sustainability of the company as a whole. Chaired by the Head of the Management Support Group, the CSR Committee is composed of seven sub-committees, including Fair Trade, Mutual Growth, Ethical Management, Labor and Human Rights, Safety and Health, Environmental Management, and Social Contribution. We also operate a separate group that oversees our overseas offices, expanding our scope of management to consistently monitor sustainability.



Sustainable Commitment LG Display Sustainability Report 2019-2020

# **Materiality Assessment**

### Materiality Assessment Process

For the sustainable development of a company, it is critical to strategically manage economic, environmental, and social issues in relation to business operations. Issues that have a great impact on business achievements must be actively taken care of from the perspective of risk management. LG Display conducts significance assessments each year to address and actively manage priorities among economic, environmental, and social issues. Additionally, through our sustainability report, we transparently disclose to stakeholders our activities and achievements related to these material issues.

- STEP 1 Identification

#### Formation of a Pool of Issues

• To identify the material issues of LG Display, we formed a pool of 23 issues by comprehensively analyzing our Sustainability Report 2018-2019, internal materials, sustainability issues of the industry, media press releases, and domestic and overseas sustainability standards (Global Reporting Initiative Standards, Dow Jones Sustainability Indices, Environmental Governance Standards, etc.)

#### STEP 2 Prioritization

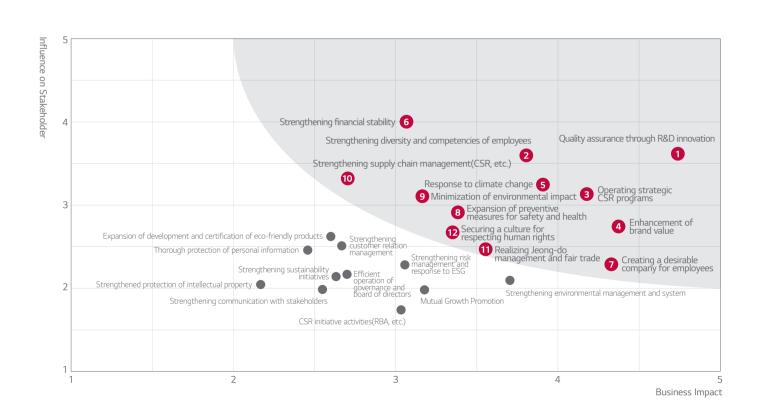
### Analysis of Internal and External Issues

- Internal: Determine the priorities among the pool of issues by considering the analysis of the LG Display management strategy and the results of an employee survey
- External: Determine the priorities among the pool of issues by considering the results of a stakeholder survey, analysis of media, and results of benchmarking among companies

#### STEP 3 Review

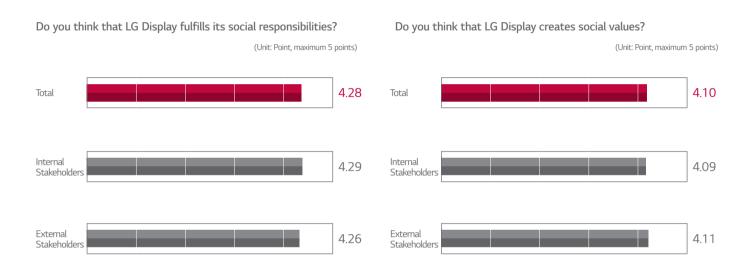
#### **Determination of Material Issues**

 Top 12 issues determined by analyzing internal and external issues are selected as material issues



# Sustainability Awareness of Stakeholders

LG Display conducted a survey to find out what stakeholders think about the sustainable management of LG Display. A total of 5,783 internal and external stakeholders, comprised of our employees, shareholders/investors, customers, partner companies, and members of local communities, responded to this online questionnaire.



	Rank Material Issue –		Correlation to Stakeholders					
Rank			Shareholders and Investors	Customers	Partner Companies	Local Communities	GRI Standards	Page
1	Quality assurance through R&D innovation	•	•	•	•	0	201-1, 203-2	38
2	Strengthening of diversity and competencies of employees	•	•	0	0	0	404-1, 405-1	50
3	Operating strategic CSR programs	•	0	•	•	•	413-1	70
4	Enhancement of brand value	•	•	•	•	0	201-1	38
5	Response to climate change	•	•	0	0	•	305-1,2,3,5	64
6	Strengthening financial stability	•	•	•	•	0	201-1, 202-2	25
7	Creating a desirable company for employees	•	•	0	0	0	401-1,2,3	50
8	Expansion of preventive measures for safety and health	•	•	•	•	•	403-2	44
9	Minimization of environmental impact	•	•	0	•	•	302-1, 303-1,3, 306-2	64
10	Strengthening supply chain management (CSR, etc.)	•	•	0	•	0	308-2, 414-2	58
11	Realizing Jeong-do management and fair trade	•	•	•	•	•	205-2	28
12	Securing a culture for respecting human rights	•	•	•	•	•	412-1,2	50
V/Corro	lation to Stakeholders: A high A middle O low							

※Correlation to Stakeholders: 

 high 

 middle ○ low



R&D Costs

1.671.870

Investment to Sales

(Unit: KRW 1 million)

1,776,289

2019

(Unit: %)

1,757,119

2018



# Product and Technological Innovation

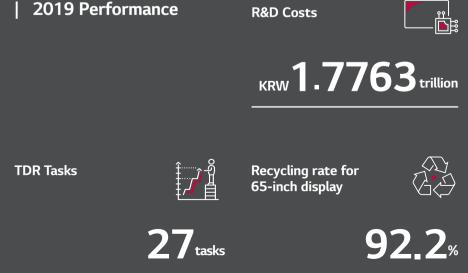
# Why do "Product and Technological Innovation" matter to LG Display?

LG Display develops advanced technologies and stable production capacity for the production and sales of display-related products. Through this, we realize innovative products and technology while guaranteeing a high level of quality for securing competitiveness. Advanced products create steady profit and provide our customers with differentiated values. These are the reasons of our being, and they are the key to a sustainable company.

# What did we do for "Product and Technological Innovation" in 2019?

"Quality Assurance through R&D Innovation" and "Enhancement of Brand Value" were two of LG Display's core issues of 2019. In 2019, we expanded investment in R&D compared to the previous year and conducted Tear Down Redesign\* activities for the 27 main projects associated with the company's main strategies. Also, we created a new organization fully dedicated to managing quality and established an advanced quality management system for active innovations on quality costs. Moreover, we implemented the "Eco Index" for adding environmental values to our products for the development of eco-friendly products.

\*Tear Down Redesign(TDR): A temporary innovative organization composed of experts of different fields for accomplishing a specific task



# Securing Future Growth Engines with R&D Innovation

For the sustainable growth of a company, it is critical to develop new products by predicting customer needs and future demands. LG Display will constantly focus on R&D to provide our customers with differentiated values through innovative products that meet our customers' demands in terms of quality and technological specifications.

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#### **R&D System**

LG Display leads the display market with creative and innovative products and through the development of differentiated technologies. Through R&D activities on new models and technologies, we develop high yields, high quality, and highly profitable products and create customer value.

LG Display's R&D organization is composed of the Technology Development Section and Product Development Section. The Technology Development Laboratory under the Chief Technology Officer conducts research on next-generation technologies and basic fundamental technologies while its suborganization conducts advanced research for product development to strengthen business competitiveness and secure future growth engines. The Product Development Section is divided by product area, such as television, IT, and mobile, and is based in different sites in Paju, Gumi, etc. depending on the features of the developing products.

#### **R&D Strategies**

	Large OLED	P-OLED*
Features	High resolution, high brightness, high color reproduction, etc.	High resolution, Foldable/Flexible, embedded sensor technology, etc.
Value Creation	Cinematic Sound, Wallpaper, Rollable, Bendable, Transparent, Flexible	Smartphone, Auto, Wearable (low power consumption, release, embedded sensor technology, ultra-high-resolution VR/AR technology, etc.)

<sup>\*</sup>P-OLED(Plastic OLED): Panel with high degree of design freedom by using plastic substrates

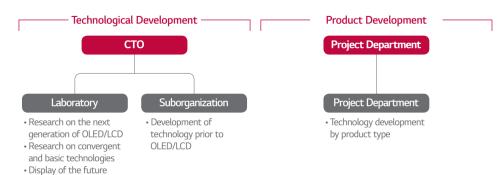
#### Expansion of R&D for OLED Competitiveness

To strengthen future business competitiveness, LG Display constantly expands its investment in research and development. Especially, to occupy the large-, medium-, and small-sized OLED markets, we have been investing greatly in the facilities of our business sites in Paju, Gumi, and China since 2015. Also, through constant R&D activities, we developed products that combine new technologies with appealing designs, such as the world's first rollable OLED display, large OLED panels for 8K-resolution televisions, and transparent OLED.

#### Patent Management for Securing Intellectual Property

LG Display acquires patents for technologies developed through R&D to attain competitiveness in the technologies applied in OLED and LCD products. As of 2019, we hold an accumulated number of 19,626 domestic patents and 25,309 overseas patents.

#### R&D Structure



# Business Innovation for Future Growth Engines

#### TDR Activities for Creation of New Values

LG Display annually engages in TDR activities for the development of innovative products and new technologies as well as for finding solutions for issues in all fields, such as improving quality and stabilizing yield. TDR stands for "Tear Down the Existing and Redesign," which is an innovation organization composed of experts from different sectors functioning to solve specific issues within a set period of time. The group identifies the tasks on which LG Display must concentrate for the development of new technologies and improvement of yield and productivity, of which 27 were initiated in 2019. For instance, we went through with the development of the production process and mass production of 88-inch 8K OLED televisions, securing high imaging quality and profitability in the premium market and acquiring the fundamentals for expanding to the 77-inch display markets. Moreover, we are leading the display market with the timely development of high-definition P-OLED displays for automobiles, ultra-high-definition 37.5WQ curved gaming monitors, and other differentiated products.

#### I th Plea your

I think
Please tell us
your ideas.

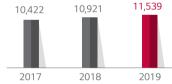


Customers think
Talking to customers
also a great idea

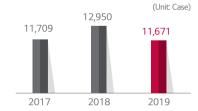


We think What's your opinion





Total number of recommendations



#### Securing a Foundation for Innovation with Ideas Collected through "Needs Cards"

LG Display operates a Needs Card program that functions to collect the various needs and ideas of our employees and customers. We started by referring to examples associated with high returns through analysis of customer needs, and we expanded this from customers to all employees with a platform that is accessible through our company's portal and on mobile phones. We started the system in 2019 at the Consumer Electronics Show, which is the venue for innovations and most apt for collecting opinions on new customer experiences. Later on, we applied the system in our training programs, and worked on establishing it as part of our unique corporate culture. The ideas collected through the Needs Cards are accumulated to become our assets, which are then utilized as a pool for new projects, product planning, and production, and eventually applied in our actual projects through refinement by professionals.

#### Employee-Led Innovations through Company-Wide Recommendation System

LG Display believes that gathering recommendations one by one will eventually create larger innovations, further developing our all-inclusive proposal activities. This is why we encourage the participation of all employees. We developed and operate the database-type "Idea Bank" system that collects excellent cases of improvement to offer a reference to employees for solving problems.

Moreover, LG Display operates a "recommendation system" for the constant self-development of individuals and organizations to create value through continuous internal improvement activities. Each year, over 11,000 recommendations are received and acted upon, which has resulted in an improvement valued to be about KRW 80 billion. The King or Queen of Recommendations that is selected every six months is rewarded by the CEO. The King or Queen of Recommendation of plants/managers is also selected monthly to encourage the participation of employees.

#### "Dream Play," a Startup Incubation Program for Discovering Innovative Technologies

LG Display operates a startup incubating program called "Dream Play" to secure new growth engines by discovering startups in the display field that possess innovative technologies. Through this program, we provide participants with technology mentoring, a maximum of KRW 100 million in verification costs for Proof of Concept, and appealing conditions such as opportunities for business cooperation and investment. Since its establishment in 2018, we selected and cultivated 13 companies in the first batch and 5 companies in the second batch. We also conducted technological cooperation for the development of the next generation of displays. LG Display plans to provide accelerating measures such as expanded investment opportunities for the third batch and will continue to support the development of startups with innovative technologies through our Dream Play program.

\*PoC(Proof of Concept): a certain method or idea in order to demonstrate its feasibility, or a demonstration in principle with the aim of verifying that some concept or theory has practical potential



Dream Challenge

# Securing Product Competitiveness through Quality Enhancement

Specialized Organizations for Quality Management

# Headquarters Quality Management Center television customer/quality manager IT customer/quality manager mobile/ customer quality manager automobile quality office

# automobile quality office Overseas Guangzhou Quality Office (OLED TV, LCD TV, monitor) Nanjing Quality Office (laptop, tablet PC, automobile) Vietnam Quality Office (OLED TV, smartphone, Auto) Yantai Quality Team



(smartwatch)

#### Discovering New Growth Engines with In-House Ventures by "Dream Challenge"

For securing new growth engines through innovative ideas and establishing a challenge-taking company culture, we support the "Dream Challenge" program established for creating in-house ventures. LG Display provides appealing rewards to participants, such as excluding them from regular work duties during the program, support funds of over KRW 100 million, and allowing for a return to work within three years in case of failure. Since the implementation of the program in 2018, the ideas of four teams (12 participants) from the first round were developed to establish venture companies, and among them, the "Let's Go Pick a Star"\* team was selected for the "2020 Social Entrepreneurship Cultivation Project" hosted by Hamkke Foundation. LG Display plans to support the second round that provides a strengthened incubating program to verify the project's business feasibility in order to continue creating a culture in which diversity exists.

\*Touch-based hardware development team

#### Specialized Organization for Quality Management

LG Display operates specialized organizations for quality management by product, production stage, and region. The Product Quality Innovation and Quality Verification organizations contribute to securing new technologies in advance and optimizing test and examination standards. For production efficiency, we work for the optimization of quality, cost, and delivery. We also strengthened the quality management system in our domestic and overseas business sites.

#### Strategy for Securing Quality

LG Display established a quality verification management system in 2019 based on securing system-based quality visibility. Through our three major quality management strategies of "Securing of Full Development Quality," "Quality Accident-Free Mass Production," and "Innovation of Quality Costs," we strive for presenting our customers the best quality and services. We also promote quality improvement activities by maintaining differentiated quality assurance systems for other strategic products, such as OLED televisions, commercial displays, mobile P-OLED, and auto displays.

#### International Quality System Certification

For appropriate action on customer needs and changes in the market, LG Display acquired an international quality standard certification and strives to apply and maintain the latest updates of the certification. By receiving the international certification, we established a globally standardized quality management process not only in our domestic production, but also in our overseas production, assuring stabilized quality. Our Paju site acquired the ISO 9001 certificate for manufacturing electronics, and our Gumi site received the same with an additional certificate of IATF16949 for the quality of automotive parts. Both the Paju and Gumi sites annually undergo a post-screening system and renew the certificates every three years.

#### Quality Management System through Standards and Auditing

LG Display established the criteria for the operation of a quality management system and standardized it as a guideline. We create and standardize an action guide which is regularized and then shared among our employees through the electronic standardization management system and updated to be the latest version. By establishing LG Display's unique quality assurance system, we provide total action guides, and eventually improve the quality system through regular inspections of the actions and quality audits in advance.

#### Management of the Quality of Parts through Regular Inspections

LG Display regularly monitors and inspects the quality of product parts of first-, second-, and third-tier contractors for quality management. More specifically, to assure the quality of subsidiary materials and parts supplied by contractors, we operate the supplier quality management (SQM\*) to prevent quality risks.

<sup>\*</sup>SQM (Supplier Quality Management): Manages the modifications in the suppliers' quality information of goods and the delivery of goods to prevent quality risks in advance

# Strengthening Customer Relationship Management



OLED SPACE

Responding appropriately to the ever-changing needs of customers and maintaining good customer relationships positively affects a company's brand value. LG Display engages in customer-oriented marketing activities and communication with customers through online channels to establish trusting relationships.

#### Spreading the Excellence of OLED through Online Channels

LG Display operates the OLED SPACE\*, a general information channel of OLED to introduce the excellence of OLED to general consumers and customers through information and unique examples of product application. More specifically, we created contents that meet the needs of consumers and special pages that introduce Transparent OLED, Cinematic Sound OLED, and other authentic products to appeal to and explain the features to consumers in a friendly manner. We also operate various social media channels, such as Facebook, YouTube, and Instagram, to target customers of different age groups.

\*OLED Space Homepage: en.oledspace.com

#### Management of Customer Satisfaction

Despite the fact that LG Display is a B2B company, we operate the Customer Value Innovation Team dedicated to collecting the various opinions of different customers, understanding customers' pain points, and finding measures for improvement. We reflect customers' needs in our management activities to enhance customer satisfaction and plan to conduct regular customer satisfaction surveys starting in 2020.

### Development and Certification of Eco-Friendly Products

Developing eco-friendly products positively affects the environment by reducing the amount of resources, energy, and hazardous substances needed for producing goods, eventually creating new values for products. LG Display engages in producing more eco-friendly products, considering the various environmental factors from as early as the product development stage.

#### Implementation of the Eco Index

LG Display implemented the "Eco Index," our self-evaluation index, to manage the goals and achievements of the development stage of eco-friendly products. We constantly strengthen the evaluation criteria for the use of resources, energy, and hazardous substances in order to expand the development of customeroriented, eco-friendly products.

#### Case Eco-friendliness Assessment for 65-inch Display Products(Eco Index) The 65-inch display is a good example of a product to which the Eco Index was applied in order to create eco-friendly products. By self-evaluating starting from the product development stage, we identified areas for improvement from an environmental perspective. Before, 65-inch displays were difficult to reuse as their creation required various types and proportions of raw materials, but after replacing these resources with reusable raw materials, the recycling rate of 65-inch displays has gradually increased. Eco Index Use of resources for 65-inch displays · Enhancement of recycling rate of 65-inch displays Category 1: Resources -(Unit: %) PCB ■ Glass ■ Non-ferrous metals • Reduction of the use of resources ■ Others ■ Plastic ■ Ferrous metals • Use of recycled materials 92.2 92.0 · Evaluation/improvement of recycling waste products 0 0.4 0.6 • Evaluation/recovery of rare metals (technology development) 5.2 Improvement of decomposability 6.9 1.8 Category 2: Energy 14.7 79.1, • Reduction of energy consumption 8.1 7.8 Category 3: Hazardous Substances - Satisfaction of environmental regulations Voluntary reduction/improvement of the V17 LCD V17 OLED V19 OLED V17 LCD V17 OLED V19 OLED use of hazardous substances

#### Eco-Friendly Certifications



#### SGS Eco Label Certification

- Evaluation Factors
- 1. Reduction of hazardous substances
- 2. Resource efficiency
- 3. Recycling, etc.
- 4. Reduction of volatile organic compounds

\*Volatile Organic Compounds (VOCs): Organic compounds that are harmful to the human body (carcinogenicity, etc.) and easily volatilize into the air, causing air pollution



#### Intertek QPM Certification

- Cadmium-free, Indium-phosphide-free light absorption polarizer for TV panel
- Acquisition of Quality & Performance Mark

# Expansion of Eco-Friendly Certification for Development of Eco-Friendly Product Certification Program

In 2017, together with Standard Global Services, a global inspection, verification, testing agency, LG Display developed an eco-label for display modules for televisions for the first time in the business world. This certification program tests the hazardous substance management system in the product development and production processes, recycling of products, and the use of hazardous substances. Through this program, we received the SGS Eco-label for our 2017-2019 OLED, IPS Nano Color, and art glass television models. We plan to acquire this eco-friendly certification for more products starting in 2020.

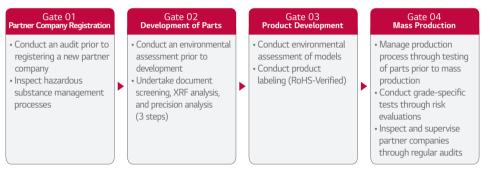
#### Raising Product Competitiveness by Acquiring Eco-Friendly Certifications

LG Display developed a technology that demonstrates wide color gamut (WCG) for developing an IPS nano color television model for LCDs that excludes the use of hazardous substances such as cadmium (Cd) or indium phosphide (InP). For this technology, we received a Quality & Performance Mark (QPM) certification for quality and performance by Intertek, a global testing and inspection agency.

# Response to International Regulations through Management Program for Hazardous Substances in Products (RoHS, REACH, etc.)

LG Display proactively responds to the possibility of accidents that may occur with hazardous substances by strictly verifying and managing the use of such substances to respond to the Restriction of Hazardous Substances Directive (RoHS) and other domestic and overseas regulations.

#### Hazardous Substances Management Program



#### Management of Phthalate Restriction

**Apr. 2015** • Preliminary inspection of the use of phthalates of partner companies

Jun. 2015 • Revised RoHS took effect
(addition of the 4 new phthalates)

Apr. 2016 • Verified the use of phthalates of partner companies

Jul. 2017 • Revised the LGD standards for the management of hazardous substances of products • Executed of the phthalate

management process for

development of parts

Sep. 2018 • Strengthened hazardous substances verification materials

(Composition of matter\_SDS)

Jul. 22, 2019 • Executed RoHS phthalate restrictions

#### Establishing the RoHS Response Process

LG Display engages in active compliance with the RoHS\*. More specifically, apart from the six existing restricted substances, we are responding to the four new substances (four new phthalates\*\*) added in July 2019 by determining the potential hazards of each substance and establishing a process for stable management. By applying this process, we are able to cooperate with external organizations more efficiently and quickly grasp the trends of international regulations. We can also apply efficient methods determined through the cooperation with internal divisions such as development, purchase, quality, and more. We also conform to the restrictions followed by our major customers and check the component analysis results from accredited laboratories during our preliminary screening process.

\*RoHS (The Restriction on the use of certain hazardous substances in electrical and electronic equipment): Hazardous substances in electrical and electronic equipment such as lead, mercury, cadmium, etc. that are harmful to humans

\*\*4 new phthalates: Added to the RoHS in July 2019; Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Bis (2-Ethylhexyl) phthalate (DEHP), and Diisobutyl phthalate (DIBP)



# Safety and Health



#### Why do "Safety and Health" matter to LG Display?

Protecting human lives and values is a critical factor in business management. LG Display strives for a safe working environment and established an integrated safety management system after realizing its necessity due to the accident that occurred in 2015. Safety is directly associated with not only work efficiency, but also critical accidents, which is why we manage it thoroughly and engage in preventive activities to protect the lives and health of our employees.

#### What did we do for "Safety and Health" in 2019?

"Expansion of Preventive Measures for Safety and Health" was one of LG Display's core issues of 2019. To strengthen the safety and health system, LG Display established a department fully devoted to safety and health that monitors the 22 regulations on safety management that can be difficult for individual business sites to manage. We also established the LGD Safety Rules as well as the 8 Life-Saving Rules to internalize a safe working culture and spread a safe working culture in domestic business sites and partner companies by supporting specialized courses on safety and various related activities.

2019 Performance

Maintaining external safety



OHSAS 18001 KOSHA 18001

Trainees who completed the specialized course for safety



Expanding behaviorbased safety activities in



5,830

6 overseas subsidiaries

# Strengthening the Safety and Health System

LG Display is equipped with an appropriate and smart crisis response system, such as operating a Crisis Response Committee to prevent major disasters within workplaces and to respond to global pandemics such as COVID-19.

#### Creating a Unique Safety Culture through a Safety and Health System

LG Display realizes safety and health management of the best international standards with the goal of creating "safe and healthy workplaces." More specifically, we secure the fundamental elements for safety and health by establishing a world-class integrated safety management system and reducing major disasters that occur in workplaces. We actively comply with safety and environmental policies, creating a unique safety culture through the voluntary participation of our employees. We also respond proactively to changes of domestic regulations and monitor our activities to strengthen compliance with legal regulations.

#### Safety and Health System



# Enhancing Safety Management through Operation of Safety and Health Organization

LG Display strives to strengthen the safety and health of our workplaces by operating Safety and Health organizations dedicated to the fields of safety, health, disaster prevention, and the working conditions. The Safety and Health Organization constantly strives to secure fundamental safety in production processes, establish a methodical management system, realize a unique safety culture, and comply with strict regulations. We also operate a Disaster Prevention Unit and a Safety Unit in charge of strengthening the safety of work sites and responding to emergencies. We established a new Safety and Health Policy Prognosis Team to properly act according to internal and external regulations as well as changes to regulations and monitor compliance. We also have a task force for supporting the safety of overseas subsidiaries and partner companies by enhancing their safety and health management standards.





OHSAS 18001 KOSHA 180

#### Global Standardization through Certification of Safety and Health Management System

For a safe working environment for our employees, LG Display established a safety management system in Korea and overseas business sites. We maintained the OHSAS 18001 certificate for our business sites in domestic and China, and the KOSHA 18001 certificate for some of our domestic business sites.

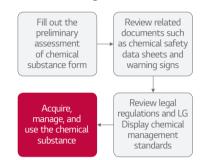
#### Establishing an Efficient Safety and Health System

LG Display established the Integrated Safety Management (ISM) system to efficiently manage its safety and health activities. The system facilitates methodical management of safety by including features such as chemical substance management, accident record management, and automatic alerts in case of abnormality detection. We are currently developing a system for managing legal duties and strengthening health management. For the long term, we will work on establishing a smart safety and health system by combining digital/IT innovation technologies with the safety and health management sector.

#### Major Features of ISM

Category	Improvements
Safety and Health Information	Provision of materials on safety standards, policies, guidelines, etc.
Current Status of Safety Work	Current status of work permits, information on hazardous work, database of hazard assessments, safety manager certification
Safety Culture	Provision of Safety Talk materials and praising of employees
Safety Suggestions	Request for improvements and suggestions for safety issues
Accident History/Statistics	Near miss accident and accident reports and analysis, generalization of accidents, accident trends and statistics
Management of Education & Training	Planning and status confirmation of safety education/emergency training
Chemical Substances	Status check of chemical substances and provision of SDS materials, etc.
Management of Protective Gear	Purchasing of protective gear and distribution management

#### Chemical Management Process



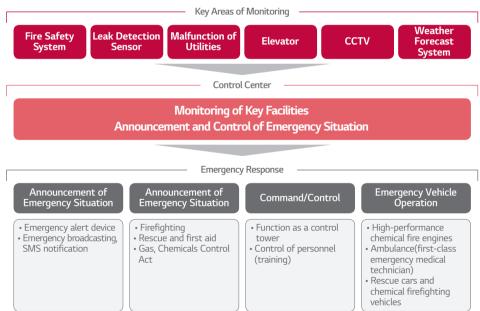
#### Minimizing Environmental Impact with the Chemical Management System

To secure the safety of our business sites, we effectively detect the hazardous factors of chemicals through preliminary assessments on chemical substances and revise whether they are fit for the chemical management system of LG Display and comply with legal regulations. We thoroughly manage chemicals from their acquisition to use in order to minimize environmental impact.

#### Emergency Preparation through Operation of the Control Center

LG Display operates a control center to respond to emergency situations. The control center monitors the overall information in relation to fire safety equipment, utilities, weather information, gas, and chemical substances to immediately announce emergency situations. Through this system, we prepare for potential emergency situations.

#### **Emergency Response Process**



#### Reducing Fundamental Hazards through the Equipment Safety Certification System

LG Display conducts the equipment safety certification system for all newly procured equipment by applying domestic and overseas safety standards for equipment. Upon investment in the equipment, the managing division applies safety standards to all equipment and conducts an internal evaluation to reconfirm the application. The safety division handles field inspections of equipment in operation or those that have not yet been registered to identify the risks and improve safety specifications for preventing accidents caused by equipment and eradicating fundamental hazards.

### Securing a **Safe Working Environment**

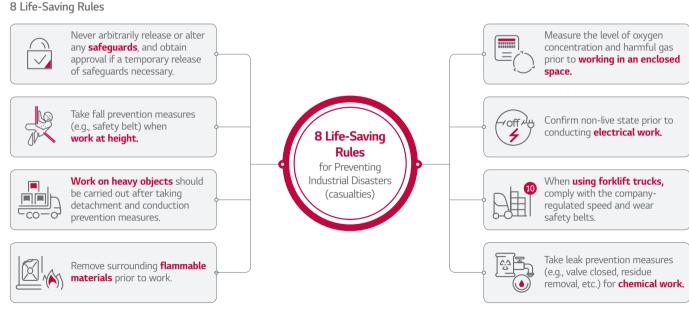
Accident prevention activities are critical to protect the health and lives of employees. LG Display established and operates the LGD Safety Rules and 8 Life-Saving Rules to enhance safety awareness and conduct varied on-site safety training to build the safety and health capabilities of employees.

#### LGD Safety Rules and 8 Life-Saving Rules

LG Display established and conducts the LGD Safety Rules that strive to prevent occupational accidents of employees and those of our partner companies. We established 8 Life-Saving Rules for hazardous work, including using safety devices, working in enclosed spaces, working at tall heights, performing electrical work, handling heavy objects, operating forklifts, handling flammable materials, and use of chemicals, in an effort to prevent severe disasters.

#### LGD Safety Rules







On-Site Safety Enhancement Activities



Recognition of "Paju Safety School" as a legal safety experience center (Korea Occupational Safety and Health Agency)

#### On-Site Safety Enhancement Activities

LG Display conducts on-site programs for safety, such as the Safety School and Safety Experience Center, for our employees and those of our partner companies. Through our Safety School, we have been preventing severe accidents by establishing a virtual reality simulator experience program based on the 8 Life-Saving Rules since 2018. We also established an IT-based, competition-type first aid practice program for teaching basic cardiopulmonary resuscitation and the use of the automated external defibrillator to enhance the capabilities of our employees and those of our partner companies in handling emergency situations. In December 2019, our Safety Experience Center was legally recognized as a safety experience educational center by Korea Occupational Safety and Health Agency. For designing facilities, finding preventive maintenance measures, establishing a safe working process, and continuing safety training, we detect potential accidents by conducting regular and irregular hazard assessments. In preparation for uncontrollable situations, we provide appropriate safety gear to enhance the safety of our employees and those of our partner companies.

#### **Employee Health Promotion Activities**

For the prevention of diseases and health of our employees, LG Display operates various medical services such as an in-house clinic and a healthcare center that conducts comprehensive health check-ups and vaccinations. In order to make corrections and preventions, we analyze the trends of accidents, injuries, and diseases in relation to test results and working conditions to identify the fundamental causes. More specifically, we exclude pregnant employees from highly hazardous working environments. We also provide practical facilities for mothers-to-be and breast-feeding employees by operating exclusive lounges and nursing rooms.

#### Coronavirus Disease(COVID-19) Prevention Activities

For the prevention of the spread of coronavirus disease(COVID-19), LG Display concentrated all of its efforts to check the body temperatures of all of our employees and visitors entering the premises with a thermal camera, limiting the entry of suspected patients by self-diagnosis through a mobile app and disinfecting public areas daily. We also placed hand sanitizers and thermometers in each section and implemented a working-from-home policy and flexible working hours to minimize contact among employees. We will continue these safety and health activities until this pandemic comes to an end.

# Spreading a Safety Culture

Safety Talk Guide

• Who?

Leader of meeting/event

When?

Before the meeting/event

· How?

No special format, about 2-5 minutes

• Topic?

Any topic depending on the audience

A company's safety and health management is directly linked to the work efficiency of employees and those of partner companies and overseas subsidiaries. LG Display determines the safety threats that can impact employees to remove them in advance, striving for the continuous spread of a safety culture.

#### **Diversifying Safety Awareness Programs**

LG Display operates various programs to enhance the safety awareness of our members. These include "Safety Talk," which is operated in the beginning of a meeting or an event by the leader of the group to talk about safety and health, "Safety Culture Letters," which are issued to provide information on safety and health, and the simple praising of good examples of safety activities set by employees on a bulletin board for posting compliments

#### Support for Overseas Subsidiaries through BBS System

LG Display implemented the Behavior-Based Safety(BBS) system, which reinforces safety activities and encourages improvements with the belief that "human(behavior) is the key to preventing accidents," and since 2018, we have been applying it to all of our production groups. In 2019, we created a BBS system utilizing multimedia for active discussions on highly hazardous working environments, and we plan to expand this to the whole company by 2020. We have also been applying the BBS activities by phase in six of our overseas subsidiaries since 2019 to secure a safety level as high as that in our domestic offices.



#### Improving Safety Levels with the Spread of LSRS

LG Display regularly conducts the LG Display Safety System (LSRS) to improve safety levels and share the results with the heads and safety managers of groups together with recommendations for improvement. In addition, we continue to provide support for the creation and improvement of safety levels by presenting the strengths and weaknesses of each organization as well as cases that can be practically applied in order to concretely improve safety levels. In 2020, we will expand these safety improvement activities to non-production groups for the prevention of accidents and creation of a safety culture in our workplaces.

#### Strengthening Working Capacities through Safety-Specialized Programs

LG Display operates a safety-specialized program co-established with an external specialized agency to enhance the working capacities of our employees. Since 2019, a total of 5,830 employees have completed this program which is tailored to our company with the most competent internal lecturers. We will continue operating specialized programs, such as the basic course for safety, BBS training, and process safety management, to strengthen the safety capabilities of our working-level employees.

#### Changes to Safety Levels and Effects of Safety Activities

LG Display operates various safety activities by establishing a system on complying with safety standards, spreading a safety culture, and improving safety levels. To objectively verify the effects of these efforts, we hired a third party to inspect our safety level changes and their effects. In 2019, we verified the efficiency of safety leadership, safety activities and actions, safety management system of overseas subsidiaries, and more, and we continue to make improvements in our safety management system based on these verified results.

Strengthening Safety
Management of
Partner Companies

#### Win-Win Cooperation Programs for Safety and Health of Partner Companies

LG Display plans and executes safety and health activities together with our partner companies to realize mutual development. We conduct hazard assessments and provide technical support for our partner companies' facilities, environment, and chemical management to strengthen the safety management of business sites, prevent industrial disasters, and secure a safety level as high as that of the mother company. Through these activities, we will pursue safety and health improvements for creating safe and accident-free business sites.

#### Support for Consultation and Training on Collaborative Health and Safety

LG Display operates consulting and training by safety and health specialists for our partner companies that handle chemical substances or supply parts. The specialists survey the general safety and health levels of the business sites, such as the safety culture, legal documents, and safety management of sites. We also host exchange meetings with the executives of our partner companies and provide educational sessions on the importance of safety and health to encourage the enhancement of their safety levels and reduce accident rates in an effort to support mutual development.

#### Upgrading Safety Management with Training Programs

LG Display conducts training sessions on the LGD Safety Rules, 8 Life-Saving Rules, and other safety guidelines for all visitors (including workers) entering the premises. Those who fail to attend the session cannot enter our facility. In order to enhance our safety levels, we cultivated safety managers by selecting the most fit personnel and providing them with in-depth education and assessments utilizing video materials on safety.



# Competencies and Rights of Employees

# Why do "Competencies and Rights of Employees" matter to LG Display?

With the belief that human resources are the greatest asset of a company, LG Display strives to create a desirable working atmosphere in which employees can focus on work. Employees with pride and positive mindsets offer greater focus and contribution to the company's goal. To strengthen our competencies through the core employees who are the major growth engines of the future, we provide opportunities for self-development and pursue a respectful culture among employees.

# What did we do for "Competencies and Rights of Employees" in 2019?

"Strengthening of Diversity and Competencies of Employees" and "Creating a Desirable Company for Employees" were two of LG Display's core issues of 2019. For employees with specialized competencies, LG Display provided tailored training programs by field and job position, accomplishing an average of 39 training hours per employee in 2019. Moreover, as the fruit of our endeavors for creating a joyful workplace where a life-work balance is guaranteed, we received the Grand Prize for Family-Friendly Management at the Global Standard Management Awards (GSMA) for five consecutive years.

2019 Performance

Won the Grand Prize for Family-Friendly Management at the GSMA\* for

5 consecutive years

\*GSMA: Global Standard Management Award

Yearly average of training hours per employee



Trainees Completed TRIZ\* education



 $39_{\text{hours}}$ 

3,337

\*TRIZ: A creative method for finding key contradictions and solutions based on a problem-solving algorithm from tens of millions of patent analyses

# Employee Growth and Talent Management

Employees are the core of a strong company's competitiveness. LG Display also aims to secure talented personnel that are strong in the area of teamwork and have passion and professionalism. We conduct fair and equal management of personnel through strategies for attracting talented candidates and capacity building programs.

#### Recruiting the Right Candidate for the LG Way

To select outstanding candidates, LG Display established a desired employee model as shown below. We created and apply strategies for proactively attracting talented candidates who match the LG Way.

#### LG Display Human Resources



#### Strengthening Employee Competencies based on IDP

Individual Development Plan (IDP) is a capacity building system designed and managed by individuals and groups through job-experience road maps that support our employees' development in the long term. Based on their regular duties, employees make their own development plans, consult their group leaders, and act on their plans. The one-on-one meeting that is regularly held with managers helps match the individual needs of our employees with the company's direction, supporting a self-driven development.

#### Individual Development Plan

#### 01. Preparing a Career Vision

 Identification of the individual's strengths and needs through various means, such as job performance, work experience, etc.

#### 03. Career Coaching

 Support for smooth operation through continuous communication with a superior after establishing a specific action plan for personal career development

#### 02. Individual Development Planning

• Plan for achieving the goal after coming up with a career vision

#### 04. Continuous Support

 Continuous support for individual competency development at the company level and supplements by the company after checking satisfaction level

Process and Plans of LGD Leadership Development

#### Defining Leadership

LGD Leadership Workshop

#### Leadership Assessment

- LG Way Leadership Assessment (executive officers/managers)
- LGD Leadership Assessment (office managers/team managers/ supervisors)

#### Leadership Development

- Feedback & Self-Reflection(coaching)
- Leadership Training(new employees)
- Leadership Training(strengthening of leadership abilities)

#### Leader Cultivation through Systematic Training

To maximize the organization's competencies through the cultivation of outstanding leaders, we defined and continuously shared "LG Display Leadership." We provide opportunities for the development of leadership such as coaching through objective leadership assessment. We are constantly improving our process of the leadership assessment-development cycle for the development of leaders through feedback.

#### Cultivating Specialists through Job Training System by Field

In order to cultivate specialists, the core of business competitiveness, we established a job-training system for each field, such as production, sales/marketing, and more, to provide tailored development programs to each and every one of our employees. We specifically focus on the main tasks of leading the OLED market, digital transformation for the transition to Industry 4.0, and more. Additionally, to support the existing organizations, we determine and provide the most appropriate capacity development solutions.

#### Strengthening Global Competency with Tailored HRD Activities

With the expansion into overseas markets, LG Display engages in systematic development activities for supporting the employees in our overseas branches when they settle down in new countries with the help of language courses, leadership training, cultural understanding, and strengthening of job competencies. Additionally, for the successful operation of our business, we established a unique training system for each branch and supported tailored HRD activities. We provided solutions for their problems and created a program for developing a "working culture," led by ISE (In-nation Service Employee) and offer support to the offices for operating the program on their own.

# Enhancing Problem-Solving Skills of Engineers with Education on Diverse Approaches

LG Display actively implements a variety of systems for employees' efficient solving of problems. We conduct Six Sigma\* training, a data-based problem-solving method, to enhance the data analysis skills of our engineers, and encourage the attainment of the Six Sigma Belts. For process engineers, we especially encourage data scientist courses. Likewise, we conduct TRIZ\*\* education on a regular basis, a problem-solving method through a qualitative approach, to strengthen both qualitative and quantitative approaches to solving problems with innovative ideas. TRIZ education, which is composed of 3 stages, was completed by 3,337 employees as of August 2019. Through these training and education programs, we are strengthening our ability to solve problems with new and innovative ideas by considering both quantitative and qualitative approaches.

\*Six Sigma: A data-based statistical problem-solving method detecting the key causes and optimal conditions of a problem

\*\*TRIZ: A creative method for finding key contradictions and solutions based on a problem-solving algorithm from tens of millions of patent analyses

#### LG Training System



### Creating an Enjoyable Corporate Culture

A company can attract competent candidates and maintain its core personnel by creating a desirable working atmosphere. LG Display strives to become a sustainable company favored by stakeholders and competent employees by establishing an enjoyable workplace culture, based on our philosophy of "Management based on respect for humans."

#### Guaranteeing Work-Life Balance by Creating an Enjoyable Workplace Culture

Based on our company philosophy, "Management based on respect for humans," LG Display strives to create a desirable working environment by engaging in various activities for the creation of an enjoyable workplace culture. With our three major initiatives of "Joyful Energy," "Wellness," and "Family-Friendly," we strive towards the health and happy lives of our employees and the mutual growth of the company and our members.

#### Strategic System for an Enjoyable Workplace Culture



#### Joyful Workplace

Encourage employees to trust the company and align their goals with the company's goals to increase their engagement

53

#### Employee Care (Emotional Management)

Treat employees fairly and communicate based on respect and trust

#### **Enjoyable Culture Programs**



Joyful Energy



Wellness (Mungyeong Healing Center



Family Friendly



#### Joyful Energy

To motivate our employees who are the core of our business' competitiveness, we create an enjoyable working environment, vitalize a group spirit, and engage in various activities for strengthening teamwork.



#### Wellness

We strive for the wellness of our employees, which means stability in mind, body, and soul, that will naturally enhance work efficiency. We settle work-life conflicts by operating programs for the physical, mental, and social wellness of our employees.



#### Family Friendly

LG Display's family-friendly management philosophy is represented by our "Happiness at Home is the Key to Success" program. This program is composed of sub-programs for each stage of life for encouraging care and support among family members.

#### Creating an Enjoyable Workplace Culture by Surveying Employee Satisfaction

LG Display aims to become No. 1 LG, the corporate vision of LG, and to improve the corporate culture. Every year, we conduct employee satisfaction surveys to analyze the results and reflect the improvements that have been deducted. We will continue to monitor our business to create a desirable workplace for our employees.

#### Creating Joyful Energy with Communication among Colleagues

LG Display holds various encouragement programs for enhancing cooperation and friendship among employees, such as a year-end party for exchanging gratitude and empathy for a year of work well done as well as an executive-employee meeting for sharing opinions. To encourage our employees to voluntarily perform enjoyable workplace activities, we designate "Joyful Members" among office workers and "Joyful Creators" among field workers to take charge of creating enjoyable workplaces. Joyful Members and Joyful Creators gather regularly to share ideas on how to create an enjoyable and upbeat atmosphere and apply them in their groups.



The company choir 'Joyful Harmonv'

#### Operation of Wellness Programs

Category	Program
Physical Wellness	Massage service     GX(yoga, Pilates)
Mental Wellness	Mungyeong Healing Center     Counseling Center     Mobile Meditation Program
Social Wellness	Communication Group Camp     Happy Talk     (Compliment System)



Mental Awareness Prescription (Healing your tired heart.)

#### Spreading Positive Values Through Joyful Harmony

LG Display spreads the value of cooperation through Joyful Harmony, our in-house choir. Composed of over 85 members from our domestic business sites, our choir members gather in their respective regions to practice regularly. The choir performs at company events to spread joyful energy. The choir also has plans to perform in external events to share our happy spirit with the world.

#### Improvement of Employees' Health through Wellness Programs

LG Display offers various programs for improving the physical, mental, and social wellness of employees. In order to provide employees with resting programs that offer a break to employees exhausted from work, we renovated an abandoned school in Mungyeong, Gyeongsangbuk-do into a space exclusively operated for the relaxation of our members. Likewise, we have counseling centers, communication camps, and group exercises in each region, and we plan to develop more diverse and unique programs.

#### Various Programs for a Healthy Mind

LG Display operates the "37.2℃ Heart Temperature" program for the enhancement of the mental health of our employees. We check the overall state of mental wellness, including emotion management, stress management, and self-control, on an organizational level and provide solutions based on the results. We also operated "Carefree Day" and "Mental Awareness Prescription" to promote our counseling center. On "Carefree Day," we introduced various psychological programs to our employees to raise awareness surrounding our counseling center. For the "Mental Awareness Prescription" program, we utilized medium, such as books, tea, and flowers, in our one-on-one counseling sessions to help employees release stress.

#### Untact Care

The need for untact care activities increased greatly with the spread of the coronavirus disease(COVID-19) that hit global community in 2020. We revitalized our online employee assistance programs, such as the "JM/JC: Organizational Vitamins" and "Happy Talk," and maternity programs, including "Dad's Challenge." We also develop a variety of original activities for our employees and their families, providing them with personal-hygiene kits, self-quarantine family kits, and untact psychological counseling through the phone with our counseling center to care for our employees and their families.

#### LG Display Benefit Programs

#### Healthy Lifestyle

• Support for medical costs Support for health check-ups • Leave

#### - Prosperous Lifestyle

- Selective benefits
- Support for club activities • Support in the form of vacation facilities

#### Stable Lifestyle

- Support for housing loans • Support for tuition fee loans Support for family events
- \*\*All employees of LG Display are subject to the above

#### Personalized Lifecycle Support Program

For All Stages Parent(s) invitational even

Raising Infants and Toddlers Family Month event (May 5)

Parenting Children and Adolescents First-day-of-school gift for children starting elementary 12th grade support gift, lectures for

K-SAT preparation



Nursing Rooms

#### Providing Customized Benefit Packages for the Happiness of Employees

LG Display wishes to maximize employee satisfaction by providing them with benefit packages that they can personally customize to their needs among the various programs we have to support a healthy, prosperous, and stable lifestyle. We also promote various family-friendly programs to realize our company philosophy, "Happiness at Home is the Key to Success."

#### Creating a Family-friendly Culture with Support that Considers the Stages of the Lifecycle

LG Display operates a "Personalized Lifecycle Support Program" to support the lives of our employees and their families, taking care of their needs from their lives as a new employee to the point of retirement, broken down into five phases. We provide a Welcome Kit to newcomers and a wedding car to couples who get married. From the standpoint of a company, we actively consider pregnant employees and offer congratulatory gifts to new moms and dads. We also host events inviting the parent(s) of employees and offer job experience programs for children.

#### LG Display, the Best Workplace

LG Display has been recognized as an excellent family-friendly company, receiving related awards. In the research and investigation on the best workplace in 2017 performed by the renowned HR consulting company, Aon Hewitt, LG Display received the "Best Workplace in Korea" award. In the Global Standard Management Awards of the Korea Management Registrar, we received the "Best Family-Friendly Management" award for five consecutive years, from 2015 to 2019. LG Display will continue to create an enjoyable workplace culture and realize management that respects people.

#### Maternity Programs for Pregnant Employees

We adopted various maternity programs and systems to help our employees continue their professional career from pregnancy and giving birth to the child-rearing stage. In addition to the pregnancy registration system for administrative support, we offer maternity leave before and after childbirth, financial support, parental leave, and childcare facilities at each of our sites as a part of our maternity support program. We actively encourage paternal leave, resulting in a total of 228 male employees taking paternal leave in 2019, a 57% increase from the previous year.

#### Maternity Program



rav-shielding



seats in commuter











### Creating a Communal Labor-Management Relationship

#### Trade Union and Collective Bargaining Employees

	(,
Category	2019
Number of Members	15,428
Number of Applicable Employees	27,410
Percentage of Union Membership	56.3

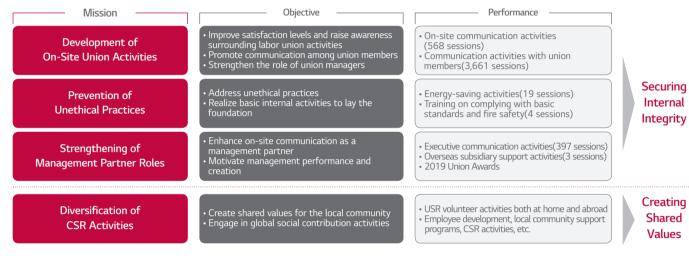
Companies must endlessly innovate customer value and strive for the mutual development of the company and employees. Based on mutual trust, LG Display and our employees realize a "communal labor-management relationship" that pursues mutual respect and development to enhance each of our lifestyles and fulfill our social responsibilities.

#### Establishing a First-Class Labor-Management System

By using the term "Labor-Management Relationship," we stress that the development of employees and management is realized from an equal and horizontal relationship between the two. We pursue sustainable growth based on mutual trust and respect while maintaining strong relationships, regardless of the circumstances. We emphasize the sharing of information and communication based on good faith to create a co-developed labor-management relationship.

#### Strengthening Company Competitiveness through USR Activities

LG Display's trade union enhances its members' quality of life and leads the paradigm of the labor movement through union social responsibility(USR) activities. The union contributes to the company's competitiveness by increasing the satisfaction of its members through active engagement in USR activities and enhances the image of both the company and union by creating shared values through corporate social responsibility activities.





2019 Labor-Management Council Meeting

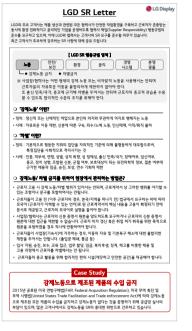
#### Vitalizing Labor-Management Communication and Grievance Handling

LG Display utilizes various communication channels to listen to our employees' opinions. In addition to the quarterly Labor-Management Council Meeting, we share our business status and areas for improvement through workshops for managers and monthly meetings. Moreover, we established a grievance-handling system to address issues such as sexual harassment, abusive behavior, violence, and unethical practices in our workplaces. To protect the identities of informants and prevent retaliation for reporting, the grievancereporting process is conducted anonymously.

#### Improving Organizational Culture through Office Workers Council, "Fresh Board"

LG Display improves our office workplace culture through the Fresh Board(FB), which serves as a council that represents office workers. As of 2020, 112 employees are serving as FB members, including 56 in Paju, 13 in Gumi, 32 in the Twin Towers, and 11 in Magok. They are composed of employees from different ranks, that is, associates, specialists, and professionals, and from different divisions. The FB listens to the voices of office workers and represents their opinions when communicating with management executives. We propose and make improvements through quarterly corporate-wide FB council meetings and monthly meetings, while actively improving the internal organizational culture and corporate social responsibility programs.

# Practice of Human



LG Display SR Letter

LG Display complies with the UN Declaration of Human Rights, International Labor Organization Agreement, OECD Guidelines for Multinational Enterprises, and other standards and regulations on labor **Rights Management** and human rights of international organizations. Based on our management philosophy of respecting human dignity and the spirit of Jeong-Do Management, we established human rights policies that mainly involve employees' working environments, assurance of legal freedom, and respect for human dignity, to act on together with our partner companies. In 2019, we sent out SR letters on forced labor to our overseas production sites and partner companies to encourage compliance with the obligations for human rights management. Also, we screened a total of 11 domestic/overseas manufacturing bases and partner companies according to the Responsible Business Alliance\* and customers' demands, and took appropriate measures for identified risks.

> LG Display will continue to develop a proactive human rights management system. We will evaluate the human rights risks in all of our business sites as well as partner companies to identify and systematically act on the possible risks of management activities. We will regularly monitor the potential risks and report them immediately to the CSR Committee for proper action. We will also conduct human rights education for all employees to establish a culture of human respect and protect victims of human rights violations.

> \*Responsible Business Alliance (RBA): Assessing a consistent and efficient industry standard on labor, ethics, health, safety, and the environment based on the code of conduct, laws and regulations for sustainability, and social responsibility within the global supply chain

#### LG Display Human Rights Policies

#### Respect for Human Rights

· We respect each and every employee as a human being and prevent inhumane treatment.

· We comply with the work hours set by the labor laws of each country and region in which we operate.

Wages and Welfare

• We pay wages above the minimum level set by the

labor laws of each country and region.

**Compliance with Work Hours** 

57

#### Prohibition of Forced Labor

· We do not force employees to work against their free will by imposing unfair restrictions on their physical or mental liberties.

#### Prohibition of Child Labor

• We prohibit the employment of minors under the age of 15 and ensure that all employees under the age of 18 are excluded from high-risk work in terms of safety and health. If a person is found to be a minor (under the age of 15) after recruitment, we take immediate action according to the prescribed procedures.

#### Anti-discrimination

·We do not discriminate on the grounds of an employee's gender, race, nationality, disability, religion, or union activities.

#### Freedom of Assembly and Association

• We provide opportunities for communication between employees, guarantee their freedom of association, and prohibit disadvantageous treatment

#### Compliance with Labor Laws

· We comply with labor conditions set forth by the labor relations laws of each country and region in which we operate.

#### LG Display Management System of Human Rights Impacts

#### Identification & Activities Related to Monitoring Reporting **Human Rights** to Human Rights Understanding Relief of human rights Planning relief activities · Report on results of dormant issues for each risks & establishment Review of regular risk survev Review of evaluation stakeholder of remedial measures dormant issues Understanding areas of index dormant issues within management activities and the supply chain



# Mutual Growth of Partner Companies

# Why does "Mutual Growth of Partner Companies" matter to LG Display?

LG Display considers our partner companies as partners who grow together with us. This matches our win-win philosophy, "The competencies of our partner companies are the competencies of LG Display." As much as we engage in close relationships with our partner companies in the entire production process, growing together is a critical factor for the fundamental development of LG Display. Our constant support for and management of partner companies ensure sustainable growth engines as well as an economic foundation for a fair society.

# What did we do for "Mutual Growth of Partner Companies" in 2019?

"Strengthening of Supply Chain Management" was one of LG Display's core issues of 2019. With the New Win-Win Cooperation System, LG Display engages in financial, technological, and medical welfare support for our suppliers. More specifically, in 2019, we offered support to Win-Win Technological Cooperation Funds in the form of KRW 100 billion for contributing to the foundation of the development of our partners. Moreover, we engage in CSR management of partner companies by evaluating them based on the SR code of conduct to identify those with high-risk factors and provide them with ways of improvement.

2019 Performance

Win-Win Technological Cooperation Funds (Interest-free)



KRW 100 billion

Win-Win Growth Index for 5 consecutive years



**Highest rating** 

2019 Win-Win Growth Agreement among 1<sup>st</sup>- and 2<sup>nd</sup>-tier partner companies

126 signatorie

# Strengthening Competencies of Partner Companies

LG Display engages in close relationships with partner companies on all processes, from procurement to production. Strengthening the competencies of our partner companies for a strong industrial ecosystem is critical for enhancing our own business competencies. Therefore, we established a "New Win-Win Cooperation System" for a horizontal and win-win system with partner companies.

#### Strategy for Win-Win Cooperation

LG Display engages in various mutual growth programs with the belief that "the competitiveness of partner companies is the competitiveness of LG Display." We implemented the "New Win-Win Cooperation System" to eradicate the vertical relationship among first-, second-, and third-tier contractors and create a horizontal and win-win ecosystem among all parties. The "New Win-Win Cooperation System" enhances the competitiveness of partner companies as well as our own by featuring expanded financial, technological, and medical welfare programs to second- and third-tier companies as well. LG Display strove to create a win-win eco-system, which was then recognized with the highest level on the Win-Win Index for five consecutive years since 2014.

#### New Win-Win Cooperation System

Expand support to approximately 2,000 second- and third-tier partner companies
 Creation of a horizontal win-win ecosystem among partner companies

Financial Support

Technological Support

Medical Welfare Support

Expand public participation in launching new technological equipment

Support second- and third-tier companies through interest-free loans

Promote financial institution

Lexpand public participation in launching new technological equipment

Strengthen joint technological safe working environment for second- and third-tier partner companies

Activities for manufacturing

Activities for manufacturing

#### Strengthening Communication with Partner Companies

LG Display's Win-Win Growth website\* is an online platform for transparent and active communication with partner companies. This website features the Win-Win Growth Board, e-VOS, Win-Win Growth Story, and other communication channels. Valuable ideas collected through this website are later applied in our win-win growth activities. Apart from this website, we also have offline channels. We hold New Year gatherings and year-end conferences to share the plans and achievements of the year and discuss ways to lead the display market together. For instance, we received a message that it was difficult to participate in offline training courses that we offer as a support program for employees due to limitations of both time and space. We acknowledged the complaint and switched all training to online courses. Due to this transition, more employees from first-, second- and third-tier companies were able to attend and benefit from these programs.

\*Win-Win Growth website: winwin.lgdisplay.com

partnership loans and mutuall

#### Financial Support and Contribution to Financial Stability through a Win-Win Payment System

LG Display supports the stable financial management of partner companies though Win-Win Growth Funds, low-interest loans from financial institutions, interest-free loans for win-win technology cooperation funds, early holiday payment, and other direct financial support. The Win-Win Payment System\*, which was implemented in the second half of 2015, allows liquidation whenever needed depending on the issuer's credit. Ever since the implementation of the system, LG Display has been utilizing it to facilitate fund management of partner companies. In 2019, a total of 802 first-tier partner companies received a total payment of KRW 2.283 trillion, and as for second-tier companies, 1.38% of the issued bonds, or a total of KRW 28 billion, were split issued. For smooth financial management of second- and third-tier partner companies, we strongly encourage the use of the Win-Win Payment System and strive for the financial stability of all partner companies.

\*Win-Win Payment System: An intercompany payment system provided by commercial banks, enabling the first-tier contractor to pay the secondtier contractor with the sales bond issued and paid to the first-tier contractor by the primary enterprise

#### Cultivation of Technical Competence Led by Partner Companies

As our core technical strategy, LG Display strives for the technical innovation of partner companies. For this, we cultivate the technological competence of our partner companies through various programs such as joint R&D, activities for manufacturing innovation, and new technological equipment competition. We have conducted 21 joint R&D projects each year with our partner companies in 2019 and aim to conduct 20 by 2022. For outstanding technologies that have been developed through this program, we support joint patent filing for co-developed ideas to maintain technological competitiveness. We also conducted 595 activities for manufacturing innovation for coaching and improving quality and productivity.

#### 2019 Technological and Financial Support







**595** 

Activities for Certification of Manufacturing Original Document of Innovation Trade Secrets



Financial Support\*
KRW 136.6 billion

#### Education Support Program

e-Learning

ning On-Site Education

 Online course on professional duties and leadership, second languages, liberal arts, etc.  Duty-related training on communication, problem-solving, improving business sites, etc.

#### Strengthening Educational Infrastructure for Partner Companies

LG Display provides complimentary educational courses for partner companies with relatively poor educational training infrastructure. Whereas the previous offline training sessions were only provided to first-tier partner companies, the transition to online courses expanded the pool of trainees to include the employees of second- and third-tier partner companies. More specifically, since the fourth quarter of 2019, LG Display has been offering complimentary online courses to other SMEs, not limiting access to partner companies only. We handle practical courses that can be directly applied to work. A total of 32 companies and 1,162 individuals enrolled in our courses in 2019.

#### Management Support for Partner Companies

LG Display provides direct and indirect support related to the management of partner companies, including medical welfare, safety and health improvement activities, and more. We give access to the in-house medical facility to employees of partner companies, and in 2019, we provided medical welfare support to 466 employees of 131 permanent partner companies. Moreover, in 2019, we supported the improvement of safety and health in the business sites of 61 partner companies by providing technical support for risk assessment projects and education on safety.

#### Win-Win Growth Agreement Among Partner Companies

LG Display's Win-Win Growth Agreement is a commitment to complying with the laws of fair trade for the practice of fair trade and mutual growth. We set a goal of signing the agreement with over 70 companies including first-and second-tier partner companies by 2020. In the end, we signed the agreement with 126 companies in 2019 and exceeded our initial goals. We also encouraged the signing among first- and second-tier companies, achieving the signatures of ten first-tier companies and 48 second-tier companies. Through this agreement, we strive for the win-win growth of all parties involved including second-tier companies and below through a trickle-down effect.

# CSR Management of Partner Companies

#### Current Status of LG Display Major Partner Companies

(Unit: Company)

	2019
Total tier 1 suppliers*	92
Critical tier 1 suppliers**	22
Critical non-tier 1 suppliers	0

- \*Toll processing suppliers + suppliers of parts + facility suppliers
- \*\*Suppliers with high purchase volumes + toll processing suppliers

#### **Proportion of Purchase Cost**

(Unit: %)

	2019
Total tier 1 suppliers	100.0
Critical tier 1 suppliers	46.3

Managing the risks of quality, safety, and environment of partner companies not only secures the sustainability of the overall supply chain, but also strengthens the competencies of partner companies from a long-term perspective. We established and assess the SR code of conduct and work towards healthy and transparent transactional relationships.

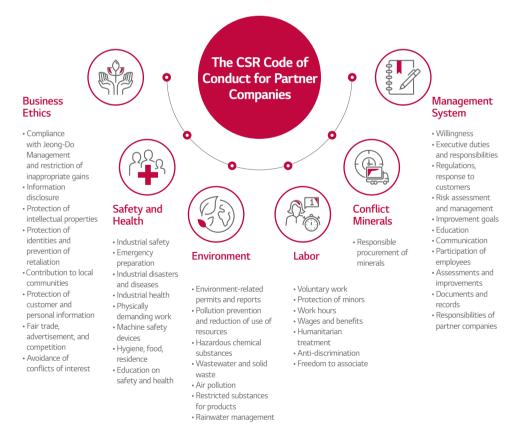
#### Sustainability management of Partner Companies

LG Display makes efforts to have our partner companies conduct responsible management activities. More specifically, to meet our customers' standards, we conduct consistent and effective assessments on the labor, ethics, health, safety, and environment of our partner companies and major outsourcing companies based on verified programs, laws, and regulations. Moreover, we establish and modify the code of conduct for social responsibility and encourage the compliance of partner companies for a stable supply chain.

#### CSR Code of Conduct for Partner Companies

LG Display constantly manages major partner companies to fulfill the social responsibilities of the supply chain. The code of conduct for the social responsibility of partner companies is a standard that was established to pursue a safe working environment and operate an eco-friendly and ethical company while fostering respect for all workers regardless of their positions or employment types. For compliance with the established standards, we encourage partners to implement them by reflecting them in standard contracts. Partner companies must abide by all applicable regulations and customer demands. Each of them must fulfill the related regulations and be able to verify compliance through records and documents. Lastly, all managers and workers must be able to clearly explain the related content.

#### Main Content of the CSR Code of Conduct for Partner Companies



**<sup>35</sup>** 

<sup>\*</sup>Applied by double for second-tier partner companies and below

#### Assessment and Systemization of Partner Company Social Responsibility

LG Display regularly monitors partner companies on their compliance with the code of conduct for social responsibility. Partner companies and major outsourcing companies are inspected at least once a year to see whether they meet the standards of customer companies. Since 2019, for more proactive supply chain management, we have selected five toll processing companies viewed to have greater social responsibility risks and audited them in collaboration with a specialized agency. Through the audit, we identified unfulfilled social responsibilities and suggested measures for improvement. We are constantly managing partner companies to create a systemized self-inspection and improvement process.

#### Sustainability Risk Assessment Scope

/1	Init:	0/.\	

Category		Percentage
A	Total tier 1 suppliers	22(23.9)
Assessment Rate of at Least Every 3 Years	Critical non-tier 1 suppliers**	0
	Total tier 1 suppliers	22(23.9)
Suppliers with high sustainability risk*	Critical non-tier 1 suppliers**	0

<sup>\*</sup> Management of toll processing suppliers as high-risk partners \*\*No suppliers fall under the category of "Critical non-tier 1 suppliers"

#### Ongoing Sustainability Monitoring

		(Offic. 70
Category	Yearly Assessment Rate	Assessmen Rate of at Leas Every 3 Years
Critical suppliers (tier 1&tier 2)	5.4	18.5
Suppliers with high sustainability risk	22.7	77.3

#### Corrective Action Plans for Suppliers (Unit: %)

Category	Percentage
High-CSR-risk suppliers with plans for improvement	100
Partner companies with improved ESG achievements after 12 months since planning for improvement	100

#### Leading the CSR Management Culture of Partner Companies

#### [CSR Training and Seminar for Partner Companies]

Helping partner companies develop skills in managing their own CSR responsibilities and compliance levels is more critical than regularly evaluating them and demanding improvements. This is why LG Display engages in related training programs and seminars for CSR managers of partner companies. In 2019, about 50 employees of five partner companies participated in the program to understand the background and current status of the partner company CSR code of conduct. They shared specific details about the code and measures for each item to self-evaluate making use of a checklist. The CSR code of conduct is shared through the website to improve accessibility. Moreover, we conduct regular training courses for first-tier partner companies to promote Responsible Business Alliance and the code of conduct of major customer companies. We also ensure our partners comply with the LG Display CSR code of conduct through an evaluation process at least once a year.

#### [Strengthening Environmental Competence]

LG Display helps our partner companies with environment-related items of the CSR code of conduct to improve the overall environmental management of LG Display. For this reason, we implemented the ecofriendly Green SCM Consulting and Carbon Partnership Certification Project. The Green SCM Consulting that started in 2012 supports the means for establishing greenhouse gas inventories and reducing energy use to improve the environmental management of partner companies. In 2019, we conducted the Green SCM Consulting for seven partner companies, strengthening the competency for responding to climate change of an accumulated number of 87 partner companies. Among them, we established carbon partnerships with 46 companies, supporting them whenever needed for cooperation to reduce environmental impacts.

### Responsible Procurement of **Minerals**

#### Conflict Minerals Management Policy

LG Display established a conflict mineral management policy to ensure that we acquire minerals from suppliers that are free from any conflict in their supply chain. We made procedures to prevent the production of conflict minerals that are linked to armed groups in the area and clarified the roles and responsibilities of each department.

#### 100% Eradication of Conflict Minerals of Raw Material Partner Companies

We collect the CMRT\* of first-tier raw material suppliers for all products of LG Display (television, commercial, monitor, laptop, mobile, auto display), excluding those whose transactions were suspended, to review their conformity and reliability in their activities and conduct risk-response activities by risk analysis. With this kind of response process, a total of 258 smelters were used within the supply chain. We confirmed that 100% of partner companies have been transacting with conformant smelters since 2015 until now. Through continued management, we aim to utilize 100% of conformant smelters by 2022. LG Display's policy on conflict minerals, usage result, and reports is disclosed to the public on our website\*\*.

#### Major Activities and Plans for Conflict Minerals

To regularly investigate the use of conflict minerals by partner companies, LG Display has been actively engaged in complying with international standards and quidelines and identifying the minerals' place of origin. Aiming to spread the voluntary practice of restricting the use of conflict minerals, all partner companies signed a purchase contract reflecting the restriction and actively comply with the code of conduct that we established accordingly. LG Display will continue to conduct due diligence and education for supply chains to transact with conflict-free smelters and support partner companies to voluntarily respond to this issue. We will communicate with smelters directly and encourage participation in the RMAP\*. Moreover, through cooperation with various stakeholders, such as customers, business partners, governments, and academic societies, we will give our all to responsibly procure minerals by avoiding the use of not only those associated with the armed forces of conflict areas, but also unethical minerals that cause human rights violations and environmental pollution.

\*RMAP (Responsible Minerals Assurance Process): Conduct conflict mineral audit established by the Responsible Minerals Initiative, and remove smelters that refuse this audit from our supply chain

#### Major Activities

#### Establishment of conflict mineral policy

 Establishment of an internal conflict mineral policy to avoid manufacturing and production with minerals related to armed forces of conflict areas

#### Establishment of conflict mineral duty process

for proper response to restrictions on conflict minerals by a task force composed of experts

#### **Education for partner** companies

Establishment of R&R • 2013-2014: Education on conflict mineral policies, restriction trends, etc. for first-, second-, and third-tier partner companies

2015-present: Additional education for partner companies when needed

# Assessment of

companies

Smelter conformity

 Investigation of product Direct communication with smelters Management of certification and improvement for partner companies using

uncertified smelters

customers and partner

#### Establishment of a conflict mineral system

by buyer and by model

functions)

communication

- Investigation into Participation in forums/ conferences of public/ minerals on products Analysis on the current private enterprises use of conflict minerals Opening of a hotline
- Monitoring of status in real time Tracking of the use of conflict minerals (implementing tracking
- Council operation of LG Group subsidiaries (LG Display. LG Electronics. LG Chem, LG Innotek)

Internal and external

<sup>\*</sup> CMRT: Conflict Minerals Reporting Template

<sup>\*\*</sup>LG Display Conflict Minerals Information (Homepage): www.lgdisplay.com/eng/sustainability/safetyEnvironment/conflictMinerals/overview



# **Environment and Energy Management**

# Why does "Environment and Energy Management" matter to LG Display?

It is our natural duty as a corporate citizen to proactively manage and respond to various environmental issues that may occur, from the research and development processes of display to wastewater treatment, to reduce our impact on the environment. Also, environmental regulations have been strengthened internationally due to severe contamination and climate change, and not complying with such regulations can cause a direct impact to business. Therefore, LG Display constantly monitors and proactively responds to the related regulations and strives to minimize environmental impacts.

# What did we do for "Environmental and Energy Management" in 2019?

"Response to Climate Change" and "Minimization of Environmental Impact" were two of LG Display's core issues of 2019. In 2019, we created a department fully devoted to the environment for an integrated management system of the company. Also, we have been constantly investing in management facilities to reduce environmental impact and actively respond to climate change. Through these efforts, we qualified for the Carbon Management Honors Club for "Response to Climate Change" for three consecutive years and recognized as an outstanding company for "Water Management" for two consecutive years at the 2019 CDP Korea.

2019 Performance 2019 CDP KOREA



Qualified for the Carbon Management Honors Club for "Response to Climate Change" for 3 consecutive years and Recognized as an outstanding company for "Water Management" for 2 consecutive years

Reduction of GHG in Korea



1,205,337tco<sub>2</sub>eq

# Advancing the Environment and Energy Management System

Appropriate actions by companies in response to environmental regulations are strongly required with the rising concerns surrounding environmental pollution. LG Display established an environment and energy management system to work towards reducing its environmental impact and comply with related regulations.

65

#### Operating an Environment and Energy Management System

As a global firm that represents Korea, LG Display practices leading eco-friendly management policies. We quickly respond to climate change and resource scarcity issues through preservation activities such as reducing the use of energy, increasing energy efficiency, protecting water resources, and reusing waste resources. We also invest in enhancing the eco-friendliness of our supply chain to promote eco-friendly management in the overall display industry.

More specifically, in November 1997, we acquired ISO 14001, an international standard related to environmental management, for our domestic panel and module factories and overseas subsidiaries in Nanjing, Yantai, Guangzhou, CA, and Vietnam. For our domestic business sites and overseas subsidiaries in Nanjing and CA, we also acquired ISO 50001, the certification for energy management systems, to practice systematic environment and energy management.

#### Environment and Energy Management System

Green Company ————————————————————————————————————					
Water Neutrality*	Resource Circulation	Minimization of Carbon Footprint	Contribution to Environment		
Reduction of water use     Reuse of wastewater	Reuse of parts     Recycling of waste	Zero GHG from production     Renewable energy     Improvement of energy efficiency	Improvement of local environments     Green growth with partner companies		

<sup>\*</sup>Water Neutrality: To take measures corresponding to the amount of water used (e.g., reuse of wastewater, etc.) to make the actual amount of water used zero.

#### Strengthening Environment and Energy Management Achievements

In order to systematically manage the environmental and energy achievements of LG Display and our divisions, we establish appropriate objectives and check on our performances. In 2019, we accomplished 19 environmental and energy goals out of 28, 1,131 sub-goals out of 1,217, and reduced the use of energy by 119% of our target number. For the goals that have not yet been achieved, we analyze the reasons for failure and determine ways of improvement to reduce our overall negative impact on the environment.

#### Acquiring Energy Management Certification

LG Display stably engages in environment and energy management, receiving recognition for our achievements. In 2017, for the Factory Energy Management System (FEMS) operation screening run by Korea Energy Agency, our business sites in Paju and Gumi received the highest score among domestic factories and were classified as "first-grade" for the first time. Through this achievement, we also received the Presidential Award, or the highest prize, at the Korea Energy Efficiency Awards. In 2018, we received the "Best Company for Energy Use" and were given the title "Energy Champion" by the Ministry of Trade, Industry and Energy and Korea Energy Agency. Also, Gumi site 1 complex has been constantly recognized for its activities towards improving the environment, and has been designated as a green company for 24 years, from 1997 until today, by Daegu Regional Environment Office.

#### Strict Compliance with Regulations

For effective compliance with environmental regulations, LG Display recruits professional technicians from different fields and installs various types of pollution-preventing facilities for the proper treatment of pollutants in order to prevent violations of environmental regulations.

Violations of Environmental
Regulations (Unit: Case, KRW 1 Million)

Category	2017	2018	2019
Number of Violations	0	0	0
Fine	0	0	0

### Response to **Climate Change**

Industries are constantly affected by global climate change and scarcity of resources. LG Display proactively responds to the risks and opportunities that may arise due to climate change in order to reduce possible management risks.

#### Strengthening Our Response to Climate Change

LG Display recognizes that responding to climate change is a massive risk to the company, but also a strategic opportunity to enhance business competitiveness. Therefore, we operate an organization dedicated to responding to climate change, and our business sites set goals and plans for reducing greenhouse gas emissions.

#### Monitoring GHG Emissions

LG Display is completely aware of the risks and opportunities that come from climate change by monitoring various channels. Thus, we actively conduct climate change-related investments. As LG Display was designated as an entity eligible for allocation of the emissions trading system (ETS) in 2015, we have received greenhouse gas emission permits from the government annually. In order to comply with the allocated amount, we set internal goals for reducing emissions. On a short-term basis, we aim to reduce emissions by 16.8% by 2022, compared to those of 2014. We have exceeded our goal greatly, reducing emissions by 141.8% compared to the reduction target of 2019 (1,279,889tCO<sub>2</sub>eq). On a medium- to long-term basis, we will continue to invest in emissions reducing systems, improve energy efficiency, and strengthen the monitoring of emissions by 2045.

#### Response to Climate Change

government policies

eco-friendly displays

warming potential gases

#### Greenhouse Gas (GHG) Emission Reduction Goals(compared to 2014) 2022 2045 **65.1**% 16.8% Short-Term Goals Medium- to Long-Term Goals · Active participation and response to climate change-related **GHG-Free Processing** Renewable Energy • Switch the use of SF<sub>6</sub> gas to nonrestricted GHG or low global • Development and application of cleaner, low-carbon production • Installation of equipment for decomposing and removing process gas • Reduction of use of energy and strengthened implementation of Development and application of low-power, high-efficiency, and

renewable energy

#### Response to Climate Change Risks

Issue	Impact	Response
Strengthening of environmental regulations	Increase in operation costs for compliance with regulations	<ul> <li>Improvement of the system and investments for reducing GHG</li> <li>Acquisition of eco-friendly management certification(ISO 14001, ISO 50001)</li> </ul>
Increase in demand for eco- friendly products	Investment in R&D for developing new and alternative technologies	Development of eco-friendly products and acquisition of environment-related certifications (SGS Eco Label, QPM Certificate)     Implementation of the green purchase system
Climate disasters (storm, drought, flood, etc.)	Failure to provide water to business sites	Investment in facilities for reuse of wastewater and diversification of supply and demand     Reduction in use water through improved equipment and production
Increase in average temperature	Increase in energy use for maintaining production	Improvement in energy efficiency through diagnosis of business equipment and production process(switching to high efficiency equipment, etc.)     Supplying of steam utilizing heat from incinerating waste

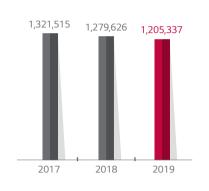
#### Investing in GHG-Reducing Systems

LG Display constantly finds ways to reduce emissions of greenhouse gases. We engage in extensive environmental investments by switching from the use of SF<sub>6</sub> gas, a major cause of greenhouse gas emissions, to gases with lower potential to negatively impact global warming, and installing gas-reducing equipment in production processes that utilize greenhouse gases such as SF<sub>6</sub> and NF3. We also conduct energy-reducing projects to respond to the emissions trading system and secure competitiveness in combating climate change risks. Through this, we reduced a total of 1,205,337 tCO<sub>2</sub> of greenhouse gases in 2019. We will continue to develop cleaner, low-carbon production techniques and improve energy efficiency to realize GHG-free production processes.

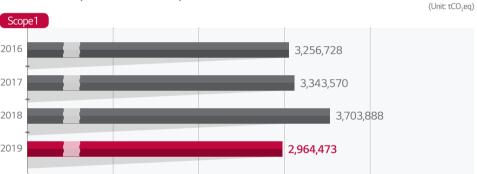
#### Proactively Responding to Climate Change

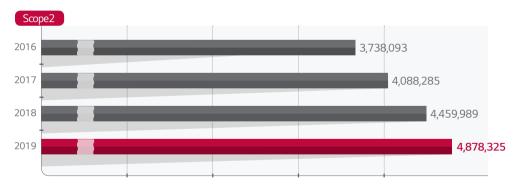
The Climate Change Section of the world-renowned Climate Change Disclosure Project (CDP), which functions to evaluate the impacts on global climate change, has listed LG Display in its Honors Club for three consecutive years since 2017. In the Water category, LG Display was recognized as the "Best CDP Company," maintaining this position for two consecutive years (2018 to 2019) and receiving attention for our outstanding environmental impact management system.

#### Reduced Amount of GHG (Domestic) (Unit: tCO<sub>2</sub>eq)

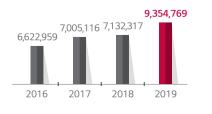


#### GHG Emissions (Domestic/Overseas)









(Unit: MWh)

#### Energy Consumption (Domestic/Overseas)

2016	2017	2018	2019
398,709.0	468,042.0	468,880.0	471,408.9
6,134,993.0	6,426,139.0	6,511,958.0	8,736,955.4
89,257.0	110,935.0	151,479.0	146,405.0
620,820.0	645,534.0	658,494.0	656,780.0
	398,709.0 6,134,993.0 89,257.0	398,709.0 468,042.0 6,134,993.0 6,426,139.0 89,257.0 110,935.0	398,709.0 468,042.0 468,880.0 6,134,993.0 6,426,139.0 6,511,958.0 89,257.0 110,935.0 151,479.0

(Unit: MWh, KRW 1 Million)

### Minimizing Environmental Impact

Knowing what environmental pollutants and chemical substances are created from a business site and their proper handling, use, and treatment is critical for both the environment and human beings. LG Display established a facility for the prevention of environmental pollution and to constantly monitor contaminants. The pollutants that are produced from our business sites are also treated properly to minimize environmental impact.

#### Strengthening the Management of Hazardous Chemicals

LG Display responds to strengthened domestic environmental regulations through the strict management of chemicals, from the chemical revision stage before the actual use of the substances to the following stages of stocking, using, and disposing, thereby minimizing the risk of our suppliers disclosing confidential information. We established a chemical management system to closely manage the entire handling process. We specifically identified 1,227 substances to be restricted on our premises for the preliminary screening of chemicals considered for use, managing the overall risks of hazards and legal regulations. We work toward minimizing damages to local communities by conducting off-site risk assessments, producing risk management plans, and sharing information with resident councils and potentially victimized residents in the event of a chemical accident.

#### Generation of Hazardous Substances

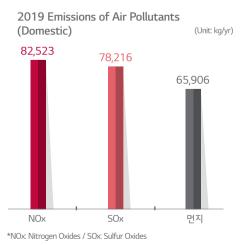
(Unit: ton)

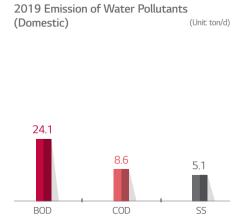
Category	2016	2017	2018	2019
Hazardous waste generated (Domestic/Overseas)	103,441	119,363	132,609	122,810
Direct VOC* emissions	5.5338	7.4226	8.6544	11.2444

\*\*Direct VOC\* emissions: Data for 2016-2018 are based on domestic business sites, and from 2019, both domestic and overseas business sites were included.

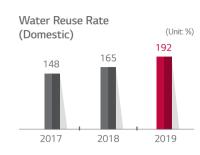
#### Minimizing Pollutant Emissions

In an effort to minimize environmental impacts caused by the emission of air and water pollutants, LG Display strictly maintains its emission limits at 70% of the legal allowance and operates an optimized pollution prevention facility to meet this goal. Each of our prevention facilities have a reser(v)ed unit to ensure proper operation in case of a breakdown. We also established a real-time pollutant measurement system and a portable measuring device to thoroughly monitor the generation of pollutants. In the event of a fire, explosion, or a sudden breakdown of the prevention facilities that causes an emission of pollutants that exceeds the amount regulated by law, our system immediately halts the source of the excess emission, reports it to the appropriate designated agency, analyzes the potential cause of the accident, and determines which actions must be taken.





\*BOD: Biochemical oxygen demand / COD: Chemical oxygen demand / SS: Suspended solid



#### Preserving Water Resources

LG Display proactively acts on analyzing its overall use of water to assess the risks related to water resources and establish a response strategy for stably securing them. Recently, we have been receiving more demands from our major customers for minimizing our environmental impact through a reduced use of water and disposal of wastewater. Therefore, we set a goal of a water reuse rate of 145% of the amount of used water, reducing the use of water and constantly investing in wastewater recycling facilities to achieve this goal. Also, we conduct a project for the reuse of sewage treatment water with local communities to preserve and stably secure water resources. Through these endeavors, we achieved a 192% rate of water reuse compared to water intake in 2019.

Water Use (Unit: 1 Million m³)

Category		2016	2017	2018	2019
Withdrawal	Total municipal water supplies	72.69	74.03	76.55	98.37
	Fresh ground water	0.3590	0.2700	0.2788	0.2678
Total net fresh	water consumption	73.05	74.30	76.83	98.64

\*Data for 2016-2018 are based on domestic business sites, and from 2019, both domestic and overseas business sites were included.

#### Maximizing Resource Circulation

LG Display developed and operates a real-time monitoring system that oversees the whole process of waste, from generation to treatment, which is connected with the "Allbaro System" of Korea Environment Corporation to secure transparency in our waste processes. Additionally, to proactively respond to the Framework Act on Resources Circulation executed in 2018, we improved our waste disposal, storage, and transportation processes and developed a treatment technology to maximize recycling.

As part of our efforts, we developed a technology for removing films on waste glass to make glass recyclable, which allows us to achieve a 100% recycling rate of waste glass. Furthermore, we also developed a pulp recycling technology and PET textile technology to add high value to our waste resources. Other achievements include developing a system for collecting copper from wastewater sludge and discovering business entities that recycle waste liquid from the etching process. Through our different recycling technologies, we establish a sustainable resource circulation system while contributing to generating profit by selling our waste resources.

# Waste Disposal (Domestic/Overseas) Total waste generated Total waste used/recycled/sold Total waste disposed 73,697 69,864 56,967 65,165 63,192 12,897 7,160 1,973

<sup>\*</sup>Volatile Organic Compounds (VOCs): Organic compounds that are harmful to the human body (carcinogenicity, etc.) and easily volatilize into the air, causing air pollution



# **Contribution to Local Communities**







#### Why does "Contribution to Local Communities" matter to LG Display?

Due to the spread of the coronavirus (COVID-19) pandemic, our global responsibilities and obligations as a corporate citizen have never been more emphasized. To contribute to our social responsibilities and development, LG Display actively engages in corporate social responsibility (CSR) activities. We specifically conduct CSR programs utilizing our business strengths to help local communities in need and contribute to providing them with a better life.

#### What did we do for "Contribution to Local Communities" in 2019?

"Operating Strategic CSR Programs" is one of LG Display's core issues of 2019. To fulfill our obligations as a corporate citizen, LG Display contributes to local and overseas communities through strategic CSR activities. In 2019, we engaged in varied educational support for enhancing opportunity equity for people with disabilities as well as children and adolescents living in poverty. Also, by making use of our business competencies, we operated IT Development Centers and an eye healthcare program. We also encouraged our employees to voluntarily partake in diverse CSR activities and spread the culture of sharing to our overseas subsidiaries through CSR programs tailored to different regions.

#### 2019 Performance

Investment in CSR programs

Domestic and overseas

IT Development

Centers



Employee participants in CSR programs



KRW **2,981** billion

Child beneficiaries of eye healthcare program



# Strengthening **Systematic CSR Programs**

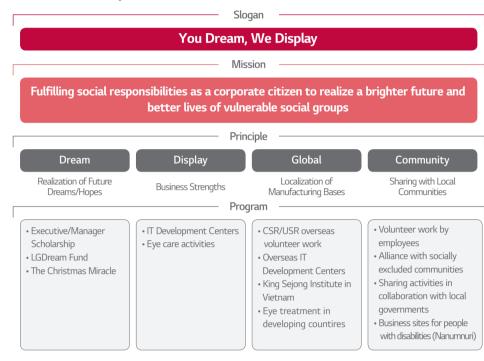
The demand for corporate social responsibility is rising along with the growing social impact made by corporations. A corporation can fulfill social responsibilities and secure reputation and reliability by engaging in CSR programs that strive for win-win growth with local communities. For this, LG Display realizes systematic CSR programs.

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#### Fulfilling Obligations as a Corporate Citizen with Systematic CSR Programs

Under the mission, "Fulfilling social responsibilities as a corporate citizen to realize a brighter future and better lives of vulnerable social groups," LG Display conducts systematic CSR programs. We encourage our employees to participate in volunteer programs and engage in activities utilizing the strengths of LG Display to actively find solutions for social issues.

Social Contribution System



#### Organizations for Social Contribution

For a more efficient operation of CSR programs, we have a General CSR Operations Committee and Regional CSR Operations Committees. The General CSR Operations Committee reviews annual plans, directions, and budgets for social contributions twice a year. The Regional CSR Operations Committees regularly deliberate the plans and results by regions.

#### Operating the Donation Screening Committee

LG Display has been operating the Donation Screening Committee since 2018. For donations over KRW 10 million, we assess the appropriateness of beneficiaries and the plans for use of the donations to enhance the transparency of our donation activities.

Organizational Structure of CSR Volunteers



\*Consists of Domestic Legal/Compliance Support Manager, Public Relations/External Cooperation Manager, Accounting Manager and Head of Management Support Group

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Social Contribution Portal for Employees

## Current status of IT Development Centers





Opening Ceremony for the 50<sup>th</sup> IT Development Cente



Eye Healthcare Protection Activity

#### Encouraging Voluntary CSR Participation of Employees

LG Display creates an atmosphere in which employees can actively and voluntarily participate in CSR programs. We established a website fully dedicated to CSR programs, allowing our employees to apply for volunteer work and donation programs. We also provide various rewards for outstanding participants, such as a CEO award, volunteer badge, and more, to encourage more employees to partake.

Mission	Content
CEO Award	Annual award for outstanding participants
Volunteer Badge	Monthly recognition of volunteers with the most volunteer hours     Differentiated badges per accumulated amount of volunteer hours
LG Display Honor's Club	Year-end award for outstanding volunteers and donors     Various CSR events
Financial Support for Volunteers	Fund support for participating in volunteer organizations associated with LG Display

#### Self-Reliance Support to Reduce Digital Divide by Supporting IT Development Centers and Daycare Facilities

LG Display is constantly operating the IT Development Center, an IT education environment support program for eradicating digital divides of children in vulnerable social groups. Starting with Immanuel Daycare Center in Gimcheon, Gyeongsangbuk-do in 2008, we have opened a total of 54 facilities (50 domestic and 4 overseas) as of 2019. We established one overseas subsidiary in Poland in 2009, and others in regions of China since 2017. The beneficiaries are selected and the centers are operated in regions in which our subsidiaries are located. The beneficiary in Guangzhou is a regional child support center and that in Nanjing is Longtan Elementary School. The IT Development Centers support child welfare facilities with state-of-the-art desktop computers and eco-friendly interior designs to provide children with the latest IT education environment, equipping them with IT skills and related certifications that will be helpful for employment later on. Moreover, we constantly pay attention to the operations of the IT Development Centers and support them with IT Education Program Funds. Especially, for outdated facilities, we conduct repair projects and, as of now, we have completed renovation projects for 15 centers, including two centers in 2019.

#### Promoting the Importance of Eye Health through Eye Health Services

LG Display actively engages in "Eye Healthcare Protection Activity," conducting preventive education programs for children and providing ophthalmology support for low-income and vulnerable social groups. The "Eye Health Class" is an interactive educational class for children in 1st and 2nd grades that encourages children to sing and dance along with music on the theme of eye health. We encourage children to practice healthy habits in their everyday lives. In addition, we conduct eye health checkups for the local residents of Muui Village to improve their quality of life as well as strengthen our bond with them. We are also the only providers of a summer camp for children and adolescents with poor vision to help them with their ordinary lives. To fulfill our responsibilities as a global company, we conduct eye operation projects to give light to the local residents in developing countries (Cambodia).

#### Major CSR Programs for Eye Healthcare Protection Activity

(Unit: People)

Project	Beneficiaries	Content	Number of Beneficiaries
Eye Health Class	Students in 1 <sup>st</sup> and 2 <sup>nd</sup> grades	Musical theater-type class	4,237
Camp for Children and Adolescents with Poor Vision	Children and adolescents with poor vision	Camp for children and adolescents with poor vision and volunteer activities for employees	91
Free Eye Checkup	Local residents of Muui Village	Free eye checkup for local residents by local oculists	422
Eye Checkup in underdeveloped countries	Local residents of Siem Reap, Cambodia	Free eye checkup and eye operations, support for UV ray-protecting sunglasses, etc.	367

## Customized CSR Programs for Local Communities

## LG Display (Headquarters included)



Hope Wing Club Summer Camp



LGDream Fund e-Donation Box



Christmas Miracle Campaign



Auction of Executives' Belongings

## Magok LG Science Park



Winter Snacks for Senior Citizens in Gangseo-gu

## regions in which our business sites are located.

With growing demand for corporate social responsibility, we engage in not only simple

donations, but also activities for regional development aiming for win-win growth with

local communities. LG Display strives to grow together with local communities through

customized CSR programs from which beneficiaries can truly benefit. We work to become

a global company that fulfills our social responsibilities by expanding our programs to all

## Executive-Manager Scholarship Project "Hope Wing Club" that Supports the Dreams of Students

LG Display's "Hope Wing Talent Development Program" supports the dreams of adolescents in the fields of the arts, sports, science, and engineering who struggle with financial difficulties. Collaborating with World Vision, for the past 10 years we supported 54 students who received various awards, entered Korea National University of Arts, joined the National Junior Team, and more. In 2019, we supported the dreams of 16 students, who successfully entered reputable high schools and universities and were recognized with outstanding marks in local and overseas competitions.

## Encouraging Donations through Online and Offline Channels: "LGDream Fund" and "Electric Donation Kiosk"

LG Display, the leader of cutting-edge technologies, spreads a donating culture among employees in a distinctive manner. LGDream Fund is an online donation channel that features monthly donation projects created to encourage donation activities of employees to support socially disadvantaged groups. We also operate nine Electric Donation Kiosks, the first of which was installed in the Gumi site in 2017, followed by all domestic business sites in 2019. By creating an environment in which employees can easily donate, we received 44,499 donations, raising a total of KRW 247 million in 2019.

#### "Christmas Miracle" Year-End Sharing Campaign

LG Display annually operates the "Christmas Miracle," a year-end sharing campaign, for children of vulnerable social groups of Seoul, Paju, and Gumi, places in which the business sites of LG Display are located. Employees who volunteer to be Santa become the children's very own Santa and share the Christmas spirit by preparing gifts to hand out at the Sharing Party. In 2019, we celebrated the 10<sup>th</sup> anniversary of the Christmas Miracle, sharing the Christmas spirit with 200 children for the year, and an accumulated number of 1,386 children in total.

#### Auction of Executives' Belongings

We put executives' belongings up for auction to share fun and build friendliness among employees, as well as to support people in need. In 2019, we put 176 items of 52 executives up for auction, raising a total of KRW 11.62 million. The earnings were allocated to scholarships of the "Hope Wing Club" to offer support to children of low-income families in the form of funds for access to education.

#### Winter Snacks for Senior Citizens in Gangseo-qu

LG Science Park located in Magok, in association with Gangseo-gu General Social Welfare Center, provided. 1,200 senior citizens living in government housing with winter snacks. Our employees personally wrapped the snacks most loved by elderly citizens, such as citrus tea, together with a heartwarming, handwritten card. Since 2018, Magok Laboratory has been engaging in hands-on programs through which the employees personally create goods to realize neighborly love.

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#### Paju, Gumi



LG Dream Festival



Sharing Kimchi of Love



Yellow Footprints in School Zone Campaign

#### (Common) Hosting Festivals to Support Cultural Activities in Local Communities

LG Display hosts regional festivals to provide local residents with more opportunities to participate in cultural activities. Our Paju business site co-hosted the 3rd LG Happiness Sharing Festival together with Paju-si, LG Innotek, and LG Chem, bringing about 10,000 citizens together. The Gumi site annually holds the LG Dream Festival to help realize the dreams of adolescents and create opportunities to participating in a healthy cultural event. In 2019, the festival held a singing and dancing competition for adolescents under the theme "Blooming Your Dream," selecting the top five among ten teams in both sections, in order to support the passions of young people.

#### (Common) Kimchi-Making for a Warm Winter

LG Display annually makes kimchi to share with local residents in need. In 2019, the Paju site gave out kimchi to 500 low-income senior citizen households, while the Gumi site cooperated with sister companies (LG Electronics, LG Innotek, Farm Hannong) to deliver kimchi to 111 social welfare and child support centers as well as 26 households of sister families.

#### (Common) Making a Safe Local Community

LG Display cooperates with the local government agencies of Paju and Gumi to engage in projects for establishing safety infrastructure. One of our major achievements was installing criminal prevention facilities(smart LED streetlights, solar location lighting\*) to improve sidewalk lighting at night and strengthen security. We also conducted safety campaigns that promote the safety of children going to school and traffic safety education, aiming to create safety cultures in local communities.

\*Solar location lighting: Auxiliary LED lighting using solar energy

#### Paju

- Installation of 100 solar location lighting
- Yellow Footprint Campaigns in front of crosswalks in school zones
- Delivery of transparent umbrellas for safety of 1,000 younger elementary school students

#### Gumi

- Installation of crime prevention facilities
   (logojectors\*, smart LED streetlights, etc.)
   Delivery of speed limit backpack covers and
- traffic safety education for younger students of elementary schools in Gumi and Mungyeong regions
- Delivery of fire extinguishers and fire sensors to remote farm villages far away from fire stations

# 19년도 파주 일류회 "꿈꾸는 과학실" 만들기

Support for Environmental Improvement of the Old Science Lab



Four Core Principles of the Convention on the Rights of the Child(Musical theater performances on children's rights)

#### (Paju) Improving the Educational Environment for Children and Adolescents

The Paju site of LG Display actively supports the improvement of the educational environment for children and adolescents of the Paju region. In 2019, we refurbished the science lab of Pubwon Girls' Middle School together with Gyeonggido Paju Office of Education. Aside from just refurbishing, we also used materials that are strong against fire and contamination to create a safe environment for experiments. We also offered support in the form of air purifiers to neighboring elementary schools and replaced the films of old chalkboards in 60 classrooms of schools in the northern Paju region.

#### (Gumi) Protecting the Four Core Principles of the Convention on the Rights of the Child

The Gumi site of LG Display cooperates with Good Neighbors, a program for protecting the four core principles of the Convention on the Rights of the Child(the right to survival, protection, participation, development). We offer support in the form of free meals for children left behind during school breaks and puppet shows for the prevention of child sexual abuse. Also, we conduct child abuse prevention education for childcare workers and host musical theater performances on children's rights(Robot Papa, etc.) for Gumi citizens.

## "Nanumnuri" for Co-Existing with Disabled Individuals

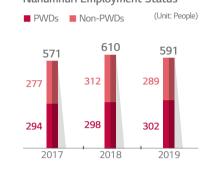
"Nanumnuri" means "sharing the world with disabled individuals," and was established to expand the employment of disabled individuals. This standard business site that aims for creating quality jobs for disabled individuals under the objective, "The best welfare for disabled individuals is providing jobs," hires people with different types of disabilities, including physical, intellectual, visual, and hearing disabilities, who compose 49% of all employees. They are employed to work in cafeterias and as health keepers, along with car washing, vending machine maintenance, and cleaning positions for business sites in Paiu and Gumi to eradicate stereotypes and

happy workplace in which everyone can work together and share positive values.

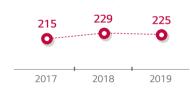
Nanumnuri also operates Disabled Individual Care Programs for the welfare of employees with disabilities. We support health improvement programs, enjoyable activities, and cultural experiences, as well as psychology counseling, kimchi and rice support, and housing improvements. In 2019, as part of a housing improvement program for disabled individuals, we provided selected employees with disabilities with air conditioners and heating systems.

raise awareness of disabled individuals. We create more jobs to hire more disabled individuals and pursue a

#### Nanumnuri Employment Status



## Nanumnuri Business Performance (Unit: KRW 100 Million)



#### Nanumnuri Business Fields





Steam Car Washing

Cleaning

### Disabled Individual Care Programs



#### Health Promotion

• Yoga, stretching, Pilates, badminton, adaptive sports\*, etc.



#### Hobby/Leisure

 Classes such as making bakery goods/ rice cakes, crafts/ceramics, etc.



#### Cultural Experience

 Exploring cultural heritage, visiting museums, making wine, watching plays/movies, etc.



#### Kimchi/Rice Support

 5kg of kimchi and rice for eligible individuals (50 individuals in Paju and Gumi, respectively)



## Psychological Counseling

 Counseling→ Psychological therapy→Job coordination → Post management



#### Housing Improvement

 Housing improvement support for eligible employees with disabilities twice a year 4 individuals each in summer (air conditioner) and winter (heating system)

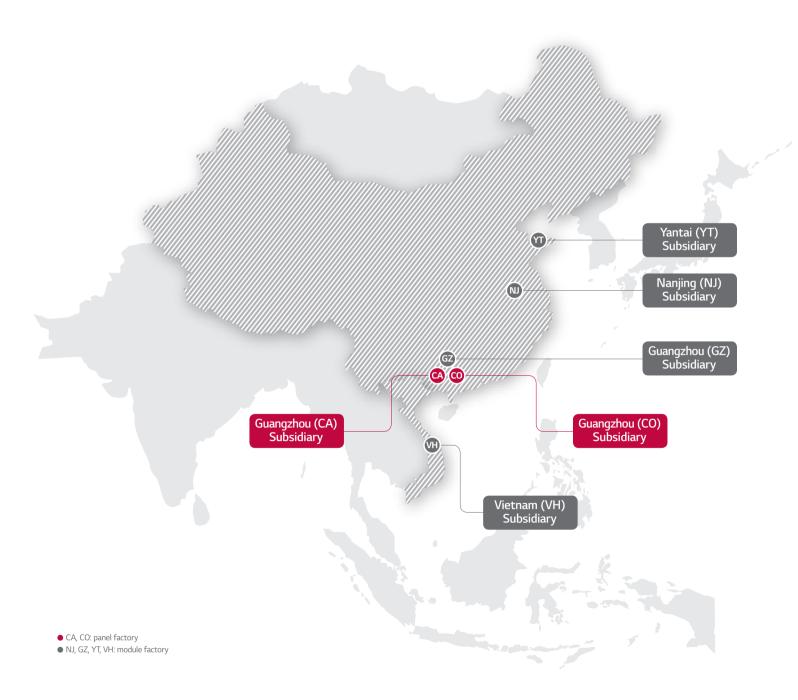
<sup>\*</sup>Logojector: LED landscape lighting

<sup>\*</sup>Adaptive Sports: Competitive or recreational sports modified for people with disabilities, senior citizens, children, and all people to easily and safely participate

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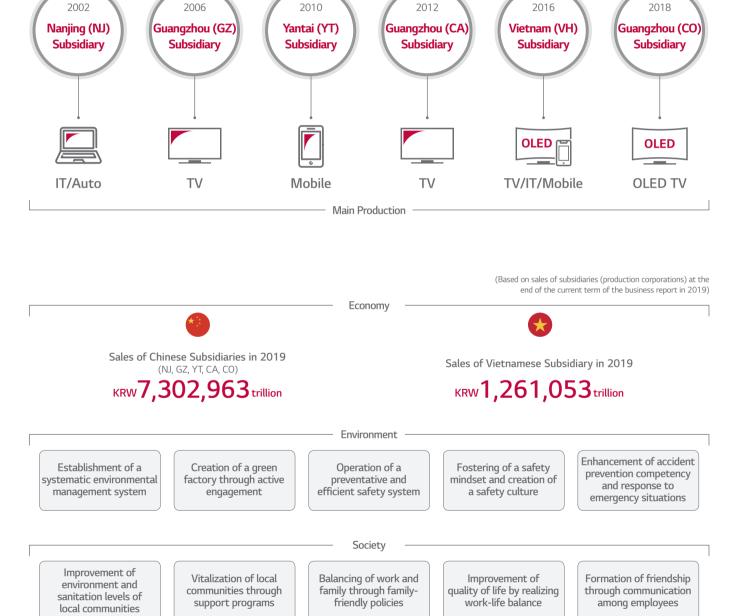
## **Overseas Subsidiaries**

After discovering the growth potential of the Chinese market, LG Display has been establishing subsidiaries in the major hubs of China since 2002 to take the initiative. We have especially been focusing on launching differentiated products with high added value and creating new market demands by getting closer to customers by operating OLED experience centers, establishing an OLED landmark in Canton Tower, and more. Despite the difficulties in the LCD market, LG Display will give its all by cooperating with joint ventures, partner companies, and local communities.



In response to the growing global demand for OLEDs, we established a subsidiary in Haiphong, Vietnam in 2016 and completed the construction of a module assembly plant. Our Vietnam subsidiary is geographically advantageous for transporting goods and rich in human resources for operating the plant, which is expected to foster the global production competency of LG Display.

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## **Overseas Subsidiaries**

## **Global Leadership** through Green **Factory**

LG Display established a world-class environmental management system and actively engages in minimizing environmental impacts caused by manufacturing through constant inspections, monitoring, and improvement activities. From inspection and replacement of facilities to technological development, LG Display and our subsidiaries put efforts into maximizing the efficiency of environmental resources, such as energy and water, and preventing environmental accidents.

Operation of an Environmental and Energy Management System

Systematic Environmental Management

Efficient environmental management by operation of a world-class environmental and energy management system







ISO 14001 Certification ISO 50001 Certification

RoHS Certification

Reduction of Environmental Pollutants and Energy Use

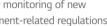


#### Eco-Friendly Development of Technology and Equipment

- Development and application of new technologies
- Application of high energy efficiency equipment (pump/inverter, gas boiler)
- Replacement of LED lighting

#### Prevention of Environmental Accidents

- Training for response to environmental emergency situations
- · Monthly monitoring of new environment-related regulations





GZ

## M

#### Monitoring and Improving Environmental Impact

- Standardizing internal management of solid
   G waste, improving environmental noise control
- Weekly energy reduction councils
- Recycling plastic
- Regular inspection of wastewater and air

#### Energy Reducing and Efficiency **Enhancing Activities**

- Improvement in energy use through reduced water use
- Lowering vacuum pressure of process facilities
- Energy reduction of production, such as UT off during non-operation hours
- Operation of E-Saving TDR for reducing UT+ production energy and reducing **GHG** emissions







YT

E-Saving TDR Promotional Activity by LG Display YT



Monitoring the Environment by LG Display GZ



Plastic Recycling of LG Display VH

## **Healthy and Safe** Workplace

LG Display established a global safety and health system for a healthy and safe working environment. We believe such a system must be tailored to each business site for the actual realization of accident-free environments, so we conduct regular training on safety, response to emergencies, and other safety-related activities that are most suitable for each business site. We strive to internalize the best safety culture starting from our headquarters that will spread throughout all of our subsidiaries and partner companies.

**Establishment of a Safety** Management System



Fundamental Disaster revention and Operation of an Efficient Safety System

Improving the safety and health levels of business sites through world-class safety and health management systems



OHSAS 18001 Certification



ISO 45001 Certification

#### Safety Campaigns and Safety Activities for Employees Communication Activities

- Safety Week (3rd week of the month) (Safety Quiz, site safety communication with department leaders, etc.)
- Operation of Safety Week and Safety Month GZ
- Safety compliance activities and campaigns
- Safety Communication Day, survey on safety culture

#### Operation of the Safe Production Committee

- Monthly Safe Production Committee, Safe Production Responsibility Pledge
- Quarterly Safe Production Committee, safe production by department
- Incentives for departments hosting Safe Production Committee (reward for outstanding department)
  - Safety sponsorship system



NJ CA

#### Field-Centered Safety & Accident **Prevention Activities**

**Enhancement of Safety** 

Awareness of Employees and Creation of a Safety Culture



Prevention of Major Accidents and Enhancing Response to Emergencies

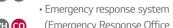
Awarding Outstanding Safety Department in LG Display NJ

#### Customized Safety Education and Training

- Response training for explosions and leak accidents
- Emergency firefighting training and special on-site education
- Collaborated training (safety/electricity/facilities)
- Tailored safety training

#### Strengthening of Safety Inspections and Monitoring

- Safety inspection activities by department
  - Identifying and improving near miss accidents at sites



YT VH

NJ GZ VH





• Firefighting competition



Evacuation Training in LG Display YT



Firefighting Competition in LG Display CA, CO, GZ

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## **Overseas Subsidiaries**

## Social contribution activities through exchanges with local communities

Protection of Local Environments and Support for Health and Education

Improvement of **Environmental and Sanitation Levels of Local Communities** 

Support for and

Communication with

Vulnerable Social Groups

**Practical Support for** 

Vitalizing Local Communities

As much as LG Display engages in business all around the globe, we also conduct active global social contribution activities. Each overseas subsidiary has been identifying the needs of local communities through exchange programs and constantly operating tailored CSR programs, including education and donation. LG Display strives to develop together with local communities to give back the care we received through practical support.

GZ VH CO

NJ GZ YT

#### **Environment Purification and** Preservation Activities

- Promotion of environmental protection and raising awareness of environment preservation
- Planting trees with local residents GZ CA VH CO
- Cleaning activities around the community(picking up trash)

#### Support for Health and Education of **Local Residents**

 Digital education support through operation of an IT development center GZ CA

GZ CA

NJ GZ YT CA

- World No Tobacco Day activities (promotion of dangers of smoking, complimentary lung test)
- Blood donation activities GZ CA VH CO (cooperation with local blood center)
- Operation of eye health classes (promotion VH of eve health, how to take care of the eves, etc.)
- Education and hygiene improvement of Quoc Tuan Elementary School (putting windows in classrooms, replacing roofs and restroom tiles, etc.)

#### Support in the Form of Goods for **Vulnerable Social Groups**

- Support in the form of goods for vulnerable social groups, parentless households, and PWDs
- Support in the form of goods for parentless households, young patients
- · Mini Wish Matching Program

#### Interaction with Vulnerable Social Groups

- Visit to nursing homes and hosting events
- Make Chuseok mooncake with Orphanages and disabled students
- Safety Summer School for children of employees of foreign regions
- · Safety education for rain-related
- elementary schools



Eye Health Class at LG Display VH

- Special Summer Care activities for janitorial staff (providing drinks,
- watermelons, experiencing work, etc.)





Safety Summer School for Children of Employees of Foreign Regions at LG Display CA

## Cultural Activities: Joy & Harmony & Wellness

LG Display conducts various interaction programs for all employees to create a joyful workplace with proud employees. Activities for a joyful workplace are not limited to simple events or support programs; they include the actual participation of employees to interact with each other to bring life and energy into the workplace. LG Display will continue to pursue a joyful company culture for the happiness of our employees both inside and outside of the company.

## Family Participatory Activities



Implementation of a Family-Friendly Culture for **Balancing Work and Family** 

#### **Inviting Families**

· Performances, games, and experience activities for families of employees (Family Day, Children's Day, etc.)

#### ISE Family Visitation Program

• Home visitation and care activities of leaders for staff members



**Customized Activity** Support



#### **DIY Activities During Free Time**

Leisure activities for employees



 Book donation and free check-out

Reading space

Reading Club





NJ VH CO

#### Weekend Care Programs • Cultural experience programs for

- employees leaving for overseas subsidiaries (China, Vietnam)
- Daily welfare support for executives and employees (free rental of umbrellas and raincoats, provided with wedding buses)

#### Health Classes for Pregnancy

- Pregnancy-specialized classes on the GZ YT postpartum period, delivery method, etc.
- Support for the welfare of pregnant women **©** (security check free-pass, pregnant women's specialties, standing desk, childbirth gifts)

## Activities for Employees



**Employees** 

#### Cooperation and Participation of Employees

- Games for group activities (Golden Bell Competition, Fun Day, mini games during lunch hours, OLED quiz, etc.)
- Open Mind Day (meetings with the president by department)
- 1N2D Team building programs

#### NJ GZ YT VH CO

CA

• Technological exchange programs for employees (exhibitions, etc.)

Technology Exchange



CA VH CO



Book Donations of LG Display GZ



Weekend Care Program of LG Display CO



Communication Meeting by LG Display CA



Volunteer for Nursing Homes in LG Display NJ



Drinking Water Activities of LG Display CO



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## Performance Index

#### **Economic Performance**

#### **R&D Investment Costs**

Category	Unit	2017	2018	2019
R&D Costs	KRW 1 M	1,671,870	1,757,119	1,776,289
R&D-to-Sales Ratio	%	6.0	7.2	7.6

%R&D costs of 2017 and 2018 recomputed due to changes in standards and methods of data aggregation

#### **Government Subsidies**

Category	Unit	2017	2018	2019
Government Subsidies	KRW 100 M	18.6	12.1	2,481.2

#### Financial Status

Category	Unit	2017	2018	2019
Assets	KRW 1 B	29,160	33,176	35,574
Liabilities	KRW 1 B	14,178	18,289	23,086
Capital	KRW 1 B	14,982	14,887	12,488

#### **Management Performance**

Category	Unit	2017	2018	2019
Sales	KRW 1 B	27,790	24,337	23,476
Cost of Sales	KRW 1 B	22,424	21,252	21,607
Gross Profit on Sales	KRW 1 B	5,366	3,085	1,868
Operating Profit(Loss)	KRW 1 B	2,462	93	(1,359)
EBITDA	KRW 1 B	5,676	3,647	2,336
Net Income Before Corporate Tax(Loss)	KRW 1 B	2,333	(91)	(3,344)
Net Profit(Loss)	KRW 1 B	1,937	(179)	(2,872)
Corporate Tax(Profit)	KRW 1 B	396	88	(472)

#### Top 5 Policy Contribution Organizations

Category	Unit	2019
Korea Chamber of Commerce and Industry	KRW 1M	254
Korea Display Industry Association	KRW 1M	220
National Academy of Engineering of Korea	KRW 1M	50
Korea Listed Companies Association	KRW 1M	15
Video Electronics Standards Association	KRW 1M	12

<sup>\*</sup>LG Display is unable to use donations for political sponsorship under the Korean Political Funding Law (Article 31), which prohibits companies from donating political funds

## **Environmental Performance**

#### Use of Raw Materials (Domestic and Overseas)

Category	Unit	2017	2018	2019
Backlight	1000 units	187,724	147,565	128,947
Glass	m <sup>2</sup>	98,747,370	99,371,189	86,426,737
Polarizer	1000 units	536,364	478,704	432,593
Drive IC	1000 units	1,203,277	1,167,762	1,025,812
Liquid Crystal	kg	133,760	128,796	111,117

85

#### Total Water Intake by Source (Domestic)

Category		Unit	2017	2018	2019
	Industrial Water	ton	72,387,430	60,831,865	41,765,778
Б .:	Tap Water	ton	1,643,386	1,578,977	1,652,282
Domestic Business Sites Underground Water Reclaimed Sewage Water	Underground Water	ton	270,002	278,835	267,784
	Reclaimed Sewage Water	ton	-	14,143,392	31,237,042
	Total	ton	74,300,818	76,833,069	74,922,886
M. I.I	Total Water Supply to Cities	1 M m <sup>3</sup>	74.03	76.55	74.66
Water Intake Sources	Underground Water	1 M m <sup>3</sup>	0.2700	0.2788	0.2678
Julices	Total Net Consumption of Freshw	rater 1 M m³	74.30	76.83	74.92

#### Water Reuse Rate (Domestic)

Category		Unit	2017	2018	2019
	Wastewater Reuse	ton	36,089,505	35,976,810	33,771,471
	DIR	ton	47,117,958	48,880,389	50,016,102
Water Reuse	Sewage Reuse	ton	-	14,143,392	31,237,042
	DI Wastewater Reuse	ton	26,620,967	27,805,063	28,545,132
	Total Amount of Reuse	ton	109,828,429	126,805,654	143,569,747
Water Reuse Rate	e	%	148	165	192

 $\% Formula for water reuse rate. Water reuse rate = (wastewater reuse+DIR+sewage reuse+DI wastewater reuse) / (industrial water+tap water+underground water+reclaimed sewage water) <math>\times$  100)

#### Air Pollutant Emission (Domestic)

Category	Unit	2017	2018	2019
NOx	kg/yr	50,714	61,024	82,523
SOx	kg/yr	51,405	42,841	78,216
Dust	kg/yr	93,478	98,585	65,906

#### Water Pollutant Discharge (Domestic)

Category	Unit	2017	2018	2019
BOD	ton/d	26.5	26.5	24.1
COD	ton/d	13.6	14.0	8.6
SS	ton/d	6.9	5.9	5.1

#### Energy Use in Business Sites (Domestic and Overseas)\*

		Unit	2017	2018	2019
Discrete Francisco	LNG	TJ	1,274	1,272	1,172
Direct Energy	Others	ŢJ	186	207	192
Business Indirect Energy	Electric Power	TJ	61,691	62,805	61,064
	Steam	TJ	299	12	348
Total		TJ	63,451	64,296	62,776
D: . F	LNG	TJ	224	282	384
Direct Energy	Others	TJ	17	3,191	1,877
Business Sites** Indirect Energy	Electric Power	TJ	11,869	16,931	22,832
	Steam	TJ	100	233	164
Total		TJ	12,209	20,637	25,256
	Total  Direct Energy  Indirect Energy	Direct Energy Others  Indirect Energy Electric Power Steam  Total  Direct Energy LNG Others  Indirect Energy Electric Power Steam	Direct Energy         Others         TJ           Indirect Energy         Electric Power         TJ           Steam         TJ           Total         TJ           Direct Energy         LNG         TJ           Others         TJ           Indirect Energy         Electric Power         TJ           Steam         TJ	Direct Energy         Others         TJ         186           Indirect Energy         Electric Power         TJ         61,691           Steam         TJ         299           Total         TJ         63,451           Direct Energy         LNG         TJ         224           Others         TJ         17           Indirect Energy         Electric Power         TJ         11,869           Steam         TJ         100	Direct Energy         Others         TJ         186         207           Indirect Energy         Electric Power         TJ         61,691         62,805           Steam         TJ         299         12           Total         TJ         63,451         64,296           Direct Energy         LNG         TJ         224         282           Others         TJ         17         3,191           Indirect Energy         Electric Power         TJ         11,869         16,931           Steam         TJ         100         233

<sup>\*</sup>The data on energy use and GHG emissions is based on the statement of the "GHG and energy target management system" Emissions of GHG and total emissions may differ with the sum of emissions per business site (eliminated amount of emissions of business sites due to rounding down of the data were added to the company's data).

\*\*The overseas business sites refer to the sum of the emissions data of China and Vietnam. (Energy consumption, GHG emission)

#### Energy Intensity(Domestic and Overseas)

Category	Unit	2017	2018	2019
Energy Consumption	TJ	63,451	84,934	88,032
Production Performance	1000 Glass Sheets	9,262	9,428	8,373
Energy Intensity	1000 TJ/Glass Sheets	6.9	9.0	10.5

#### Scope3 GHG Emissions (Domestic)

Category		Unit	2017	2018	2019
Employee Business	Trips	tCO <sub>2</sub> eq	6,814	4,601	3,386
Does do est Delli como	Shipment	tCO <sub>2</sub> eq	3,943	2,017	2,087
Product Delivery	Import	tCO <sub>2</sub> eq	1,912	1,120	904
Purchased Products	s and Services (upstream)	tCO <sub>2</sub> eq	554,668	331,825	257,712
Processing of Sold Products (downstream)		tCO <sub>2</sub> eq	72,392	55,625	39,409

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#### **Social Performance**

#### Wages of Employees

Category		Unit	2019
The total annual compensation of the Chief Executive Officer			68
The ratio between the total annual compensation of the Chief Executive Officer and the mean or median employee compensation			22.66
	Executive level (base salary only)	%	0.87
Equal Remuneration	Management level (base salary only)	%	0.98
(Female-to-male wage ratio)	Management level (base salary + other cash incentives)	%	0.99
	Non-management level	%	0.88

#### **Employee Status**

Category		Unit	2017	2018	2019
	Male	People	25,109	24,469	23,080
Domestic	Female	People	8,226	5,899	4,330
	Total	People	33,335	30,368	27,410
	Male	People	12,969	17,091	19,994
Overseas	Female	People	8,664	10,969	13,025
	Total	People	21,633	28,060	33,019
Overall		People	54,968	58,428	60,429
Female Ratio	Female share of total workforce	%	30.7	28.9	28.7
	Females in all management positions*	%	-	-	2.4

<sup>\*</sup>The ratio of females in all management positions has been tallied since 2019.

#### Recruitment and Employee Turnover Rate

Category			Unit	2017	2018	2019
	0.55	Without Job Experience	People	1,150	634	527
Recruitment	Office	With Job Experience	People	181	93	107
of New Employees	Production Line	Without Job Experience	People	684	-	-
,,		With Job Experience	People	1	-	-
T	Total Employee Turnover Rate		%	3.1	11.7	13.3
Turnover Rate	Voluntary Employee Turnover Rate		%	3.0	7.9	12.1

#### **Proportion of Minorities**

Category		Unit	2017	2018	2019
Employees with Disabilities	Number of Employees	People	756	752	727
(including Nanumnuri)	Proportion	%	2.3	2.5	2.6
Patriots and Veterans	Number of Employees	People	355	333	299
	Proportion	%	1.1	1.1	1.1

#### Average Number of Hours of Yearly Training Per Employee

Category	Unit	2017	2018	2019
Total Number of Trainees	People	33,207	29,807	26,978
Total Training Hours	Hours	1,773,139	1,434,876	1,041,145
Average Number of Hours of Yearly Training Per Employee	Hours	53	48	39

#### Employee Training Hours and Number of Trainees for Human Rights Policies and Procedures

Category			Unit	2017	2018	2019
	C Tii	Prevention of Sexual Harassment	Hours	183	19,335	-
Number of	Group Training	Other Training*	Hours	4,518	1,321	182
Training Hours e-Learning	Prevention of Sexual Harassment	Hours	30,520	12,501	28,963	
	e-Learning	Jeong-Do Management Course**	Hours	10,518	1,960	6,540
	C Tii	Prevention of Sexual Harassment	People	183	19,335	-
Number of	Group Training	Other Training*	People	1,907	607	8
Trainees	e-Learning	Prevention of Sexual Harassment	People	30,520	12,501	28,963
		Jeong-Do Management Course**	People	5,742	1,007	10,900

<sup>\*</sup>Education on policies and procedures of Jeong-Do Management, fair trade, etc.

#### **Employees Subject to Labor Union and Collective Bargaining**

Category	Unit	2017	2018	2019
Number of Labor Union Members	People	21,219	17,954	15,428
Number of Eligible Employees	People	33,335	30,799	27,410
Membership Proportion	%	63.7	58.3	56.3

#### Number of Employees Covered by the Corporate Pension Plan

Category	Unit	2017	2018	2019
Defined Benefits	People	32,102	29,502	27,241
Defined Contribution	People	59	128	95

#### Use of Parental Leave

Category	Unit	2017	2018	2019
Employees on Parental Leave	People	1,381	1,482	887
Employees Returning to Work after Parental Leave	People	724	935	855
Rate of Returning Employees	%	52.4	63.1	96.4
Employees Staying for over 1 Year after Returning from Parental Leave	People	389	452	316

#### LGWay Survey

Category	Unit	2017	2018	2019
Survey Results	%	82.7	82.1	81.7

<sup>\*</sup>Survey response rate: 90%

#### Number of Employees Who Received Regular Performance Evaluations

Category	Unit	2017	2018	2019
Employees Subject to Regular Performance Evaluations and Career Development Assessments	People	30,405	28,468	26,614
Proportion of Employees Subject to Regular Performance Evaluations and Career Development Assessments	%	90.1	94.3	96.3

## Investment and Participation in Social Contributions

Category			Unit	2017	2018	2019
Investment in	Social Contribution	Expense for Social Contribution	KRW 1 M	19,893	9,974	2,981
	Number of Casial Contribution Dragger	Volunteering	Cases	2,785	1,521	1,505
Participation	Number of Social Contribution Programs	Donation	Cases	43	63	46
in Social	Number of Employees Participating in	Volunteering	People	30,520	13,816	10,173
Contribution	Social Contribution (Duplication Included)	Donation	People	10,000	33,185	49,605
	LGDream Fund		KRW 1 M	137	178	247
	Cash Donation		KRW 1 M	19,893	9,974	2,452
Expenses	Hours of Volunteer Work (Excluding Week	rends)	KRW 1 M		1,374	1,153
for Social Contribution	Product Donation		KRW 1 M		5	4
	Project Costs (Business Costs)		KRW 1 M		815	524

\*\*Percentage of businesses participating in local communities and conducting impact evaluations and development programs in 2019: 100%

#### Rate of Expenditure on Local Suppliers of Major Business Sites

Category	Unit	2017	2018	2019
Korea	%	75	77	74
China	%	66	63	56
Poland*	%	100	100	100
Vietnam	%	86	87	68

\*Poland: Performance occurred in first half of 2019. The liquidation process is in progress as of the date of publication of the report.

#### Disaster Rate

Category		Unit	2017	2018	2019
Disaster Rate*			0.047	0.022	0.028
Lost-Time Injuries Frequency Rate**	Employees	#/1 M Working Hours	0.220	0.107	0.136
(LTIFR)	Contractors	#/1 M Working Hours	0	0.328	0.250

\*Disaster Rate: Number of industrial disasters in domestic business/number of employees in domestic business \*\*LTIFR: Number of domestic industrial accidents/Total working hours] X1,000,000

#### Breaches of Customer Privacy: Complaints

Category	Unit	2017	2018	2019
Number of complaints received from outside parties and substantiated by the organization	Cases	0	0	0
Number of complaints from regulatory bodies	Cases	0	0	0

#### Reports of Violations of Jeong-Do Management and Actions Taken

Category	Unit	2017	2018	2019
Reporting and Informing	Cases	110	93	105
Punishment and Actions Taken	Cases	22	51	52

\*\*Pledge to Comply with Anti-Corruption Regulations: LG Display requires its employees to annually sign a "Pledge to Comply with Anti-Corruption Regulations" to reinforce the core of Jeong-Do Management, which is honest competition and fair trade. Our employees give their words of honor to comply with the related local and international laws, including the Improper Solicitation and Graft Act and the Act on Combating Bribery of Foreign Public Officials in International Business Transactions. This pledge also encourages our employees to supervise and prevent improper solicitations and bribery by a third party of domestic and overseas supply chains.

<sup>\*\*</sup>The number of training hours and employees of the e-Learning Jeong-Do Management Course are based on the group's common Jeong-Do Management Course.

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## **GRI Content Index**

Topic	Disclosure		ISO 26000	Page	Remarks	Verificati
GRI 102: General	Disclosures					
	102-1	Name of the organization		About this report		V
	102-2	Activities, brands, products, and services		10-11		V
	102-3	Location of headquarters		8		V
	102-4	Location of operations		8		V
	102-5	Ownership and legal form		8		V
Organizational	102-6	Markets served	6.3.10/6.4.1-6.4.2/	8, 16-17, 25		V
Profile	102-7	Scale of the organization	- 6.4.3/6.4.4/ - 6.4.5/6.8.5/7.8	8		V
	102-8	Information on employees and other workers		8, Performance Index		V
	102-9	Supply chain		16-17		V
	102-10	Significant changes to the organization and its supply chain		About this report		V
	102-12	External initiatives		UN SDGs		V
trategy thics and integrity	102-13	Membership of associations		96		V
<u> </u>	102-14	Statement from senior decision-maker	4.7/6.2/7.4.2	4-5		V
Strategy	102-15	Key impacts, risks, and opportunities		27		V
Ethics and	102-16	Values, principles, standards, and norms of behavior		28-29		V
Integrity	102-17	Mechanisms for advice and concerns about ethics	- 4.4/6.6.3 -	29		V
	102-18	Governance structure		22		V
	102-22	Composition of the highest governance body and its committees		22		V
Governance	102-23	Chair of the highest governance body	- 6.2/7.4.3/7.7.5 -	22		V
	102-26	Role of highest governance body in setting purpose, values, and strategy		22-23		V
	102-28	Evaluating the highest governance body's performance		23		V
	102-40	List of stakeholder groups		34-35		V
	102-41	Collective bargaining agreements		56		V
Stakeholder	102-42	Identifying and selecting stakeholders	 5.3	34		V
Engagement	102-43	Approach to stakeholder engagement		34-35		V
	102-44	Key topics and concerns raised		34-35		V
	102-45	Entities included in the consolidated financial statements		2019 사업보고서		V
	102-46	Defining report content and topic Boundaries		About this report		V
	102-47	List of material topics	5.2/7.3.2/	35		V
	102-48	Restatements of information	_ 7.3.3/7.3.4 _	About this report		V
	102-49	Changes in reporting		About this report		V
Reporting	102-50	Reporting period		About this report		V
Practice	102-51	Date of most recent report		About this report		V
	102-52	Reporting cycle		About this report		V
	102-53	Contact point for questions regarding the report	- 7.5.3/7.6.2	About this report		V
	102-54	Claims of reporting in accordance with the GRI Standards		About this report		V
	102-55	GRI content index		90-93		V
	102-56	External assurance		94-95		V

Topic-specific Star	ndards					
Topic	Disclosur	re	ISO 26000	Page	Remarks	Verification
GRI 200: Economi	ic					
Economic Perform	nance					
GRI 103;	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		25		V
Approach	103-3	Evaluation of the management approach				V
Economic Performance	201-1	Direct economic value generated and distributed	6.8.1-6.8.2/ 6.8.3/6.8.7/6.8.9	Performance Index		V
Indirect Economic	Impacts					
GRI 103: Management	103-1	Explanation of the material topic and its Boundary				V
	103-2	The management approach and its components		25		V
Approach	103-3	Evaluation of the management approach				V
Indirect Economic Impacts	203-2	Significant indirect economic impacts	6.3.9/6.6.6/6.6.7/ 6.7.8/6.8.1-6.8.2/ 6.8.5/6.8.7/6.8.9	70-75, 80		V
Anti-corruption						
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
GRI 103:	103-2	The management approach and its components		28		V
Approach	103-3	Evaluation of the management approach				V
Anti-corruption	205-2	Communication and training about anti-corruption policies and procedures	6.6.1-6.6.2/ 6.6.3	28-29		V

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## **GRI Content Index**

Topic		re	ISO 26000	Page	Remarks	Verification
GRI 300: Environi	mental					
Energy						
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		64		V
Approach	103-3	Evaluation of the management approach				V
Energy	302-1	Energy consumption within the organization	6.5.4	67		V
Water and Efflue	nts					
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		64		V
Approach	int and the management approach and its components and an accomponent and its components and an accomponent and an accomponent and accomponents accomponents and accomponents accompo		V			
107 -	303-1	Water withdrawal by source	6.5.4	69		V
Water	303-3	Water recycled and reused	6.5.4	64		V
Emissions						
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		64		V
Approach	103-3	Evaluation of the management approach	6.5.4 69  Itopic and its Boundary  n and its components 64  nent approach  pe1)  ions (Scope2) 6.5.5 67,  Performance Index		V	
	305-1	Direct GHG emissions (Scope1)				V
	305-2	Energy indirect GHG emissions (Scope2)				V
Emissions	305-3	Other indirect GHG emissions (Scope3)	6.5.5	,		V
	305-5	Reduction of GHG emissions				V
Effluents and Wa	ste					
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		64		V
Approach	103-3	Evaluation of the management approach				V
Effluents and Waste	306-2	Waste by type and disposal method	6.5.3	69		V
Supplier Environn	nental Asses	ssment				
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		58		V
Approach	103-3	Evaluation of the management approach				V
Supplier Environmental Assessment	308-2	Negative environmental impacts in the supply chain and	6.3.5/6.6.6/7.3.1	61-62		V

Topic-specific Stan	dards					
Topic	Disclosur	е	ISO 26000	Page	Remarks	Verification
GRI 400: Social						
Employment						
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		50		V
Approach	103-3	Evaluation of the management approach				V
	401-1	New employee hires and employee turnover	6.4.3	Performance Index		V
Employment	401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	6.4.4/6.8.7	53-55		V
	401-3	Parental leave	6.4.4	Performance Index		V
Occupational Heal	th and Safe					
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		44		V
Approach	103-3	Evaluation of the management approach				V
Occupational Health and Safety	403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	6.4.3/6.4.5	Performance Index		V
Training and Educa	tion					
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		50		V
Approach	103-3	Evaluation of the management approach				V
Training and Education	404-1	Average hours of training per year per employee	6.4.7	50		V
Diversity and Equa	l Opportun	ity				
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		50		V
Approach	103-3	Evaluation of the management approach				V
Diversity and Equal Opportunity	405-1	Diversity of governance bodies and employees	6.2.3/6.3.7/ 6.3.10/6.4.3	Performance Index		V
Human Rights Ass	essment					
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		57		V
Approach	103-3	Evaluation of the management approach				V
Human Rights	412-1	Operations that have been subject to human rights reviews or impact assessments	6.3.3/6.3.5/6.6.6	57		V
Assessment	412-2	Employee training on human rights policies or procedures	6.3.5	Performance Index		V
Local Communities	5					
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		70		V
Approach	103-3	Evaluation of the management approach				V
Local Communities	413-1	Operations with local community engagement, impact assessments, and development programs	6.3.9/6.5.1-6.5.2/ 6.5.3/6.8	71-75		V
Supplier Social Ass	essment					
GRI 103:	103-1	Explanation of the material topic and its Boundary				V
Management	103-2	The management approach and its components		58		V
Approach	103-3	Evaluation of the management approach				V
Supplier Social Assessment	414-2	Negative social impacts in the supply chain and actions taken	6.3.5/6.4.3/ 6.6.6/7.3.1	61-62		V

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## **Third-Party Assurance Statement**

This Assurance Statement has been prepared for LG Display Co., Ltd. in accordance with our contract but is intended for the readers of this Report.

#### Terms of engagement

Lloyd's Register Quality Assurance Limited (LR) was commissioned by LG Display Co., Ltd. (LG Display) to provide independent assurance on its '2019-2020 LG Display Sustainability Report' ("the report") against the assurance criteria below to a "moderate level of materiality" using "accountability's AA1000AS (2008)" where the scope was a Type 2 engagement.

Our assurance engagement covered LG Display's operations and activities in Korea and specifically the following requirements:

- Evaluating adherence to AA1000<sup>1</sup> AccountAbility Principles of Inclusivity, Materiality and Responsiveness
- Confirming that the Report is in accordance with:
- GRI Standards<sup>2</sup>: Core option
- · Evaluating the accuracy and reliability of data and information for only the selected indicators listed below:
- GRI 200 (Economic): GRI 201-1, GRI 203-2, GRI 205-2
- GRI 300 (Environmental): GRI 302-1, GRI 303-1, GRI 303-3, GRI 305-1, GRI 305-2, GRI 305-3, GRI 305-5, GRI 306-2, GRI 308-2
- GRI 400 (Social): GRI 401-1, GRI 401-2, GRI 401-3, GRI 403-2, GRI 404-1, GRI 405-1, GRI 412-1, GRI 412-2, GRI 413-1, GRI 414-2

Our assurance engagement excluded the data and information of LG Display's suppliers, contractors and any third-parties mentioned in the report

LR's responsibility is only to LG Display. LR disclaims any liability or responsibility to others as explained in the end footnote. LG Display's responsibility is for collecting, aggregating, analysing and presenting all the data and information within the report and for maintaining effective internal controls over the systems from which the report is derived. Ultimately, the report has been approved by, and remains the responsibility of LG Display.

#### LR's Opinion

Based on LR's approach nothing has come to our attention that would cause us to believe that LG Display has not, in all material respects:

- Met the requirements above
- Disclosed accurate and reliable performance data and information as all errors or omissions identified during the assurance engagement were corrected
- Covered all the issues that are important to the stakeholders and readers of this report.

The opinion expressed is formed on the basis of a moderate level of assurance and at the materiality of the professional judgement of the verifier.

Note: The extent of evidence-gathering for a moderate assurance engagement is less than for a high assurance engagement. Moderate assurance engagements focus on aggregated data rather than physically checking source data at sites. Consequently, the level of assurance obtained in a moderate assurance engagement is substantially lower than the assurance that would have been obtained had a high assurance engagement been performed.

#### LR's approach

LR's assurance engagements are carried out in accordance with our verification procedure. The following tasks though were undertaken as part of the evidence gathering process for this assurance engagement:

- Assessing LG Display's approach to stakeholder engagement to confirm that issues raised by stakeholders were captured correctly. We did this through reviewing documents and associated records.
- Reviewing LG Display's process for identifying and determining material issues to confirm that the right issues were included in their Report. We did this by benchmarking reports written by LG Display and its peers to ensure that sector specific issues were included for comparability. We also tested the filters used in determining material issues to evaluate whether LG Display makes informed business decisions that may create opportunities that contribute towards sustainable development.
- 1. https://www.accountability.org
- 2. https://www.globalreporting.org

- Auditing LG Display's data management systems to confirm that there were no significant errors, omissions or mis-statements in the report. We did this by reviewing the effectiveness of data handling procedures, instructions and systems, including those for internal verification. We also spoke with those key people responsible for compiling the data and drafting the report.
- Reviewing supporting evidence made available by their CSR team at the LG Twin Tower 128 Yeoui-daero Yeongdeungpo-gu, Seoul in Republic of Korea
- Checking that the GRI Content Index allows stakeholders to access sustainability indicators.

#### Observations

Further observations and findings, made during the assurance engagement, are:

#### Stakeholder inclusivity:

We are not aware of any key stakeholder groups that have been excluded from LG Display's stakeholder engagement process.

#### Materiality:

We are not aware of any material issues concerning LG Display's sustainability performance that have been excluded from the report. It should be noted that LG Display has established extensive criteria for determining which issue/aspect is material and that these criteria are not biased to the company's management.

#### Responsiveness:

LG Display reported not only the interested issues from its stakeholders but also the core indicators related to UN Sustainable Development Goals. LG Display also has the response system to correspond with queries of its stakeholders. Especially LG Display reported the scope 3 emissions including greenhouse gas emissions of upstream to mitigate climate change which is one of the material issues.

#### Reliability

LG Display has reliable data management systems for the indicators related to this assurance scope in the Report.

#### LR's standards, competence and independence

LR implements and maintains a comprehensive management system that meets accreditation requirements for ISO 14065 Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition and ISO/IEC 17021 Conformity assessment – Requirements for bodies providing audit and certification of management systems that are at least as demanding as the requirements of the International Standard on Quality Control 1 and comply with the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants

LR ensures the selection of appropriately qualified individuals based on their qualifications, training and experience. The outcome of all verification and certification assessments is then internally reviewed by senior management to ensure that the approach applied is rigorous and transparent.

This verification engagement is the only work undertaken by LR for LG Display and as such does not compromise our independence or impartiality.

Dated: 2<sup>nd</sup> June 2020

Hee-Jeong Yim



LR Lead Verifier
On behalf of Lloyd's Register Quality Assurance Limited
17th Floor, Sinsong Building, 67 Yeouinaru-ro, Yeongdeungpo-gu, Seoul, Korea

LR reference: SEO00000661





