

Corporate Social
Responsibility &
Sustainability Report
2019



AOC International (Europe) B.V.
MMD-Monitors and Displays Nederland B.V.
Prins Bernhardplein 200
1097 JB Amsterdam, The Netherlands

About this report

This report describes our approach to sustainability and CSR practices and the relevant performance and achievements for the year that ended 31 December 2019. The report is prepared citing GRI and other international sustainability reporting frameworks. Your feedback on this report is welcomed.

Any suggestions may be sent to Stefan van Sabben: stefan.vansabben@tpv-tech.com.

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[About us]

AOC INTERNATIONAL (EUROPE) B.V. (AOC)

The company was incorporated on 11th April 2011 as a private limited liability company and is 100% owned by Coöperatie MMD Meridian U.A. On 24 October 2017 the legal form of Coöperatie MMD Meridian U.A. has changed from a Coöperatie to a Besloten Vennootschap under the new name TPV Europe Holding B.V. AOC is a limited liability company incorporated under the law of The Netherlands.

TPV Europe Holding B.V. is in turn ultimately 100% owned by TPV Technology Limited.

Principal Activities

AOC purchases monitors and computer displays from the TPV Group and sells these products to customers in Europe (business to business), under the brand name AOC and delivers sales, marketing, logistics and service activities for AOC branded display products in Europe.

MMD-MONITORS AND DISPLAYS NEDERLAND B.V. (MMD)

The company was incorporated on 27th November 2008 as a private limited liability company and is 100% owned by MMD Monitors & Displays Holding B.V. which is in turn ultimately 100% owned by TPV Technology Limited.

Principal Activities

MMD purchases monitors and computer displays from the TPV Group and sells these products to customers in Europe (business to business), under the brand name Philips and delivers sales, marketing, logistics and service activities for Philips branded display products in Europe.

Foreword

Dear stakeholders,

I am delighted to introduce to you the Corporate Sustainability report of AOC and MMD for 2019.

We live in a fast-changing world and the 17 ambitious Sustainable Development Goals (SDGs) established by the United Nations provide a roadmap for how companies, governments and people can help to tackle some of the world's most pressing challenges, such as poverty, inequality and climate change, and channel resources towards a sustainable future.

Our company operates around the world, so we have an important role to play in meeting these targets. This is not about ticking boxes. It is about being a successful company whose ethos is that of a responsible employer, a good corporate citizen and a respected business partner with a clear, sustainable strategy and activities that keep us firmly on the path to a better future.

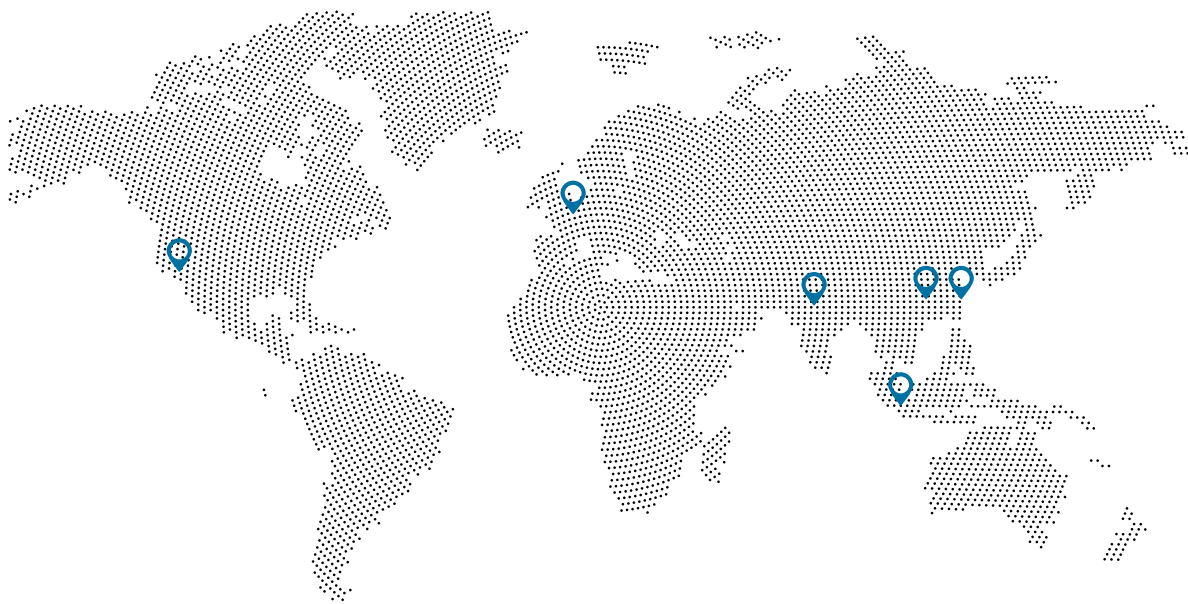
All of this was reflected in our continued successful growth in 2019. Our products are the result of a process built on initiatives that confirmed and deepened our commitment to sustainable operations. Since our world is facing environmental challenges and as we seek to meet our customers' demands, we as a company will continue to invest in the best research and development to ensure our products meet the highest standards.

At the heart of our activities are our people. We are proud of them and we are committed to ensure they are treated fairly and can work in safe, healthy conditions – not just to meet rules and regulations, but because we believe that we are a better company when this happens. We can only work towards a sustainable and growing future with you as a stakeholder. Please let us know if you have questions or recommendations.

Your input, feedback, or any other form of contribution is much appreciated and valued.

Nico Vernieuwe
General Manager

Our Structure



AOC International (Europe) B.V. (“AOC”) and MMD-Monitors & Displays Nederland B.V. (“MMD”) are legally registered in the Netherlands, with their head offices in Amsterdam. Our parent company, TPV Technology Limited (“TPV”), is the world’s largest manufacturer of monitors and a leading provider of display solutions, specialising in the design and production of a wide range of desktop monitors and LCD TVs. Due to TPV’s focus on the core business – the manufacture of IT display products for various industry segments – the company benefits from strong economies of scale and maintains solid relationships with panel makers worldwide.

In 2005, the parent company acquired parts of the monitor business of Philips and in 2008 the two companies reached a brand-licensing agreement for IT displays and public signage.

By combining the Philips brand promise with TPV’s manufacturing expertise in displays, MMD uses a fast and focused approach to bring innovative products to market. AOC and MMD are wholly-owned subsidiaries of TPV, carrying out different activities – AOC for AOC’s monitor business and MMD for Philips’ monitor business.

The headquarter entities in the Netherlands are the decision centre with regards to strategy for business, new technologies and key markets. The HQ is supported by international corporate offices, wholly-owned subsidiaries of the parent company:

1. MMD (Shanghai) Electronics Technology Co., Ltd [China (SH)]
2. Wuhan Admiral Technology Ltd [China (WH)]
3. MMD Singapore Pte. Ltd [Singapore]
4. TPV Technology India Pvt. Ltd [India]
5. Envision Peripherals, Inc. [USA]

The organizations share not only the same parent company but also offices, employees, knowledge and markets.

In this report, the entities are referred to as our company or “we”. This is our second CSR & Sustainability report and further reports are expected to be published annually.

Financial performance

Our companies continued to improve and strengthen their performance during the year under review (ending 31 December 2019)

AOC NL

Balance sheet as at 31/12/2019

(Before appropriation of result)

	Note	31/12/2019		31/12/2018	
		€	€	€	€
Fixed Assets					
Tangible fixed assets	6	2,213		4,032	
Right-of-use assets	7	62,541		0	
Intangible fixed assets	8	114,603		0	
			179,357		4,032
Current assets					
Inventories	9	7,248,991		12,604,864	
Receivables	10	43,056,544		28,004,361	
Cash and cash equivalents	11	1,986,634		1,760,083	
			52,292,169		42,369,308
Assets			<u>52,471,526</u>		<u>42,373,340</u>
Shareholders' equity					
Share capital	12	18,000		18,000	
Retained earnings	12	4,389,093		2,818,098	
Result for the year	12	1,827,581		1,572,143	
			6,234,674		4,408,241
Provisions	13	4,326,730		4,106,624	
Non-Current liabilities					
Lease liabilities	15	30,824		0	
			30,824		0
Current liabilities					
Trade creditors	14	1,600,931		543,305	
Payable to group companies	14	36,195,200		32,264,700	
Lease liabilities	14	27,736		0	
Other liabilities and accruals	14	4,055,431		1,050,470	
			41,879,298		33,858,475
Equity and liabilities			<u>52,471,526</u>		<u>42,373,340</u>

MMD NL

Balance sheet as at 31/12/2019

(Before appropriation of result)

	Note	31/12/2019		31/12/2018	
		€	€	€	€
Non-Current Assets					
Tangible fixed assets	6	67,960		96,599	
Right-of-use assets	7	912,844		0	
Intangible fixed assets	8	16,387		0	
Financial fixed assets	9	6,231		30,616	
			1,003,422		127,215
Current assets					
Inventories	10	19,416,516		20,261,841	
Receivables	11	44,141,384		47,028,446	
Cash and cash equivalents	12	1,819,834		4,106,584	
			65,377,734		71,396,871
Assets			<u>66,381,156</u>		<u>71,524,086</u>
Shareholders' Equity	13				
Share capital		18,000		18,000	
Share premium		6,299,868		6,299,868	
Foreign currency translation reserve		-39,859		-39,859	
Other reserves		0		0	
Retained earnings		3,284,736		913,578	
Result for the year		2,564,243		2,432,553	
			12,126,988		9,624,140
Provisions	14	10,557,988		6,054,287	
Non-Current liabilities					
Lease liabilities	16	529,004		0	
			529,004		0
Current liabilities					
Trade creditors	15	1,495,253		334,572	
Payable to group companies	15	34,377,824		52,063,560	
Lease liabilities	15,16	437,270		0	
Other liabilities and accruals	15	6,856,829		3,447,537	
			43,167,176		55,845,659
Equity and liabilities			<u>66,381,156</u>		<u>71,524,086</u>

Since our financial results are still under review by our external accountant we hereby present you the draft balance sheets of both entities

Strategy & Outlook

A strategy for sustainability

Sustainability issues, and in particular climate change, moved up the global agenda in 2019 and attracted increased public concern. The electronics sector, in which we operate, is changing to meet these challenges, and we have played our part in addressing them.

There are several areas in which we can contribute to a more sustainable economy and more inclusive societies.

Social awareness: Today it is not enough for companies to operate responsibly; they are expected to bring something positive to society. People expect firms to invest in activities that make a real difference, not just regarding how things are made but also in the case of wider environmental and social issues. With sustainability and community engagement at the center of our beliefs and operations, we are playing our part.

Climate change: 2019 saw some of the most damaging examples of the world's rapidly changing climate, leading to action, including the European Parliament declaring a climate and environmental emergency and issuing tough new targets for greenhouse gas emissions. The EU's new Green Deal provides a roadmap with actions to boost the efficient use of resources by moving to a clean, circular economy in order to restore biodiversity and to cut pollution.

To achieve this, challenges must be seen as opportunities, and everyone – including the electronics industry – must play their part.

Our company is part of this and we are responding by living up to our commitments on sustainability and responsible business. We want our stakeholders, and the wider society, to know what we are doing by setting and meeting demanding targets to drive our efforts in the years to come.

2019 in summary

Our products are the result of a process built on initiatives that have confirmed and deepened our commitment to sustainable operations. Our newest range of monitors has some of the highest energy-saving ratings in the market, and we have been keeping our target of 90% of our smelters being listed in the Responsible Minerals Assurance Process (RMAP). Our energy reduction efforts are also reflected in the selection of supply for our offices. In 2019, our HQ location in the Netherlands received 100% of its energy from European green power.

Outlook

Looking forward, we will dedicate increasing effort and resources to corporate responsibility, the welfare and professional development of our staff, and engaging with our clients. We are confident that we have the right people and policies in place to play our part in meeting the SDGs, not least by taking a much more active role in corporate sustainability, responsible business and the environmental performance of our products.

Corporate Governance

Our success is built on strong corporate governance led by an experienced board, including independent members, giving strategic direction and a management structure that combines rigorous risk control with prudent guardianship of resources to ensure we deliver long-term, sustainable results for all our stakeholders. All this is manifested in our robust financial position and our compensation and incentive schemes for our people.

Key to the way we operate is our commitment to transparency and accountability, and ESG issues are central to our continuous commitment to making quality products and providing excellent customer service.

The Corporate Governance content describes the structure and protocols of our parent company TPV Technology. AOC/MMD does not have a supervisory board; Nico Vernieuwe is the General Manager/ Statutory Director and reports directly into the Board outlined below.

The Board

The Board is responsible for the leadership and control of the group, and oversees the group's businesses, strategic decisions and performance.

The Board has delegated to its management team the authority and functions for running the group's day-to-day business. In addition, the Board has delegated various functions to the Board Committees.

The Board will continue to review and further improve the corporate governance practices and standards, so as to ensure that its business activities and decision-making processes are regulated in a proper and prudent manner.

During the year under review, the Board consisted of:

Executive director
Dr Jason Hsuan (Chairman),

Non-executive directors
Mr Zhang Dongchen,
Mr Xu Guofei,
Mr Sun Jie,
Dr Li Jun,
Ms Bi Xianghui,
Ms Jia Haying,

Independent Non-executive directors
Mr Chan Boon Teong,
Mr Wong Chi Keung and
Dr Ku Chia-Tai.

Independent non-executive directors constitute one-third or more of the Board and non-executive directors constitute half or more. The group enables the directors, upon reasonable request and in appropriate circumstances, to seek independent professional advice at the group's expense. The Board may provide separate appropriate independent professional advice to the directors in order to assist them in discharging their duties.

The Board of Directors declares the following:

- there are no financial conflicts of interest;
- proper accounting records have been maintained;
- internal controls are sound in design and rigorously upheld.

Chairman and Chief Executive Officer

Dr Jason Hsuan currently holds the offices of chairman and chief executive officer of the group. The Board believes that vesting the roles of both positions in Dr Hsuan provides the group with strong and consistent leadership and allows for more effective planning and execution of long-term business strategies.

The Board believes that the group has a strong corporate governance structure in place to ensure effective supervision of the management team.

Audit Committee

The Audit Committee is responsible for providing the Board with an independent review of the effectiveness of the financial reporting process, internal control and risk management systems of the group, overseeing the audit process, and performing other duties and responsibilities as assigned by the Board. All members of the Audit Committee are independent non-executive directors. Between them, they possess a wealth of management experience in the financial, accounting, commercial, industrial, real estate and telecommunications sectors.

To create value for our stakeholders and customers, it is important that our risks are managed effectively. For us, compliance with laws and regulations is essential. We emphasize personal accountability, and if a behaviour is observed that is not in line with the Code of Conduct or corporate values this is addressed and action is taken. We also have a channel through which employees can raise anonymously any concerns they may have.

Besides the Audit Committee we also have a Nomination Committee, Remuneration Committee, Investment Committee, Information Disclosure Committee and ESG

Steering Committee. More detailed information regarding these committees can be found in the Corporate Sustainability and Social Responsibility Report 2019 of TPV.

https://www.tpv-tech.com/documents/Gov/tpv_2019_cs2report.pdf

Anti-corruption and whistle-blowing mechanisms

We believe that responsible conduct and integrity are essential in maintaining a strong presence in the global market. Our anti-corruption principles are communicated to our employees in various forms, such as handbooks and compliance and refresher training. We have zero tolerance for any form of bribery, corruption or fraud. Effective monitoring systems and management have been developed to detect bribery, fraud and other forms of malpractice. In addition, our transparent tendering process enables related activities to be conducted in a fair, open and transparent manner. Suppliers are required to sign anti-corruption declaration forms as a prerequisite to business transactions.

Our whistle-blowing mechanisms allow employees and third parties to report suspected misconduct,

irregularities and malpractice in the strictest confidence. All reported cases will be followed up in a timely manner. Confirmed cases will be reported to the Audit Committee.

An employee handbook, including our Code of Conduct, is given to every employee upon hiring. We actively encourage our employees and other parties to report concerns either directly to the management or through our ethics hotline, training courses and other reasonable channels.

Promoting health, safety and well-being

The health and safety of our employees is our highest priority. Our Health and Safety ("H&S") Committee was established to identify, assess and mitigate H&S-related risks across our operations. We have set up and implemented a H&S management system in line with local regulatory requirements or international standards such as OHSAS 18001.

During the year, there were no significant operational incidents and no work-related fatalities.

Labour Standards & Code of Conduct

We have set out a Code of Conduct in line with international and local labour standards which strictly prohibits the use of child and forced labour in any of our operations throughout the world. Mechanisms (including third-party assessments) have been established to identify, prevent, report, monitor and properly handle suspected cases of unethical practices. For a more holistic approach we have adopted the Supplier Sustainability Declaration from our parent company TPV.

This Supplier Sustainability Declaration sets out the standards and behaviours required of suppliers to improve conditions for workers and promote a cleaner environment for local communities and have endorsed the Responsible Business Alliance (RBA), formerly the Electronic Industry Citizenship Coalition (EICC).

The Code of Conduct establishes standards to ensure that working conditions in the electronics industry or industries in which electronics is a key component and its supply chains, are safe, that workers are treated with respect and dignity, and that business operations are environmentally responsible and conducted ethically.

Considered as part of the electronics industry for purposes of this Code are all organizations that may design, market, manufacture, or provide goods and services that are used to produce electronic goods.

The Code may be voluntarily adopted by any business in the electronics sector and subsequently applied by that business to its supply chain and subcontractors, including providers of contract labour.

Supply Chain Management

Adoption of a well-established screening processes is in place for supplier selection and evaluation. New suppliers are required to undertake a rigorous evaluation process which considers not only technical capability and quality, but also sustainability performance. Key suppliers are required to sign an agreement to confirm their commitment to working with us in an environmentally and socially responsible way.

Under the supplier evaluation mechanisms, our dedicated teams conduct regular evaluations and ad-hoc audits of supplier performance to identify areas for improvement. Suppliers are required to undertake corrective actions in a timely manner. Failing to comply with our evaluation criteria can result in the termination of the business relationship.

We believe that supply chain sustainability requires an industry-wide effort and we encourage our suppliers to adopt the RBA Code of Conduct as it sets out good practices to ensure that

- (a) the working conditions in the electronics industry supply chain are safe;
- (b) those workers are treated with respect and dignity; and
- (c) business operations are environmentally responsible and conducted ethically.

The Code encourages Participants to go beyond legal compliance, drawing upon internationally recognized standards, in order to advance social and environmental responsibility and business ethics. The EICC is committed to obtaining regular input from stakeholders in the continued development and implementation of the Code of Conduct.

Source: http://www.responsiblebusiness.org/media/docs/EICCCodeofConduct5_English.pdf

Stakeholder engagement and Materiality

We know that we need to be a sustainable enterprise in order to succeed, and that this entails working with our key stakeholders to ensure that we are all making efforts to meet targets that are demanding but achievable. We continue to strengthen our stakeholder engagement, especially with not-for-profit organizations, and to become more deeply involved in the Responsible Minerals Initiative (RMI).

Relationship	Topics and issues of interest	Communication channels and frequency	Outcomes
Customers	<ul style="list-style-type: none"> Law-abiding operations Product innovation Operational integrity 	<ul style="list-style-type: none"> Customer visits and audits, telephone conferences, customer satisfaction surveys 	<p>We maintain effective communications with customers, protecting their privacy. Our goal is to provide customers with high quality, innovative technology and services that are efficient and provide flexibility to meet customers' requirements.</p>
Employees	<ul style="list-style-type: none"> Employee remuneration and benefits Communication with and compassion for employees Education and training Occupational safety Law-abiding operations 	<ul style="list-style-type: none"> Employee hotline, comment boxes, internal audit box and counselling 	<p>We ensure that employees have avenues to share their views and provide their feedback in order to provide a healthy working environment and to enhance their sense of belonging.</p>
Shareholders/ investors	<ul style="list-style-type: none"> Prospects of the group and its financial performance Corporate governance Corporate transparency 	<ul style="list-style-type: none"> Annual/ special Shareholder meeting, investors conference/ meeting, company visits, telephone conferencing 	<p>We use a number of formal communication channels to account for performance to the shareholders, including annual reports and interim reports, quarterly results announcements, an annual general meeting and video conferencing.</p> <p>Also we hold presentations, road shows and conference calls for the international investment community.</p>
Suppliers	<ul style="list-style-type: none"> Management of suppliers Law-abiding operations Price competitiveness Technology/ innovation 	<ul style="list-style-type: none"> Annual supplier conference 	<p>We organise annual meetings with suppliers and conduct audits at scheduled intervals so as to effectively convey requirements to our supply chain.</p>

Our People

EMPLOYEES BY CATEGORY	MALE	FEMALE	TOTAL NUMBER
Total employees including Contingent workers 1 January 2019	322	231	553
Total employees including Contingent workers 31 December 2019	326	243	569

All data below as at 31 December 2019

	Male	Female	
White collar	326	243	569
Permanently employed	222	175	397
Full-time and part-time employment	Male	Female	Total
Full-time	326	240	566
Part-time		3	3
Full-time and part-time by age group	Male	Female	Total
<30 years	114	88	202
30–50 years	166	126	292
>50 years	46	29	75

Labour standards & Code of Conduct

Our Code of Conduct sets out labour standards to ensure that working conditions in the group are safe, that workers are treated with respect and dignity, and that business operations are environmentally responsible and conducted ethically.

The Code strictly prohibits the use of child and forced labour in any of our operations worldwide. We have procedures (including third-party assessments) to identify, prevent, report, monitor and correctly handle suspected cases of unethical practice.

Supplier Sustainability

This declaration sets out the standards and behaviour required of players in our supply chain to improve conditions for workers and promote a cleaner environment for local communities.

Promoting health, safety and well-being

As an employer, the health and safety of our staff is our highest priority. We have a Health and Safety Committee to identify, assess and mitigate health and safety-related risks across our operations, and a health and safety management system in line with local regulatory requirements or international standards such as OHSAS 18001. During 2019, there were no significant operational incidents and no work-related fatalities.

Preventing harassment and discrimination

Diversity and equal opportunity are a central part of our ethos as an employer and we have a zero-tolerance policy towards harassment and discrimination in any form. This applies to recruitment and every aspect of working with us. Our recruitment practices are entirely based on merit and candidates' ability to meet the requirements of the position. We regularly review our procedures and selection criteria to ensure fair procedures for selection and promotion.

Our future as a company depends on our determination for excellence in what we produce and how we look after our people from the day they join us. We want our employees to stay with us. Our corporate culture allows them to develop their skills for a successful, safe and healthy career to ensure they and the company have a mutually positive and beneficial relationship. A healthy and rewarding work-life balance is essential for a successful, happy and productive employee. Our staff in the Netherlands are able to adjust their working arrangements to suit their personal circumstances.

The workplace environment plays a key role in this relationship and we aim to provide working conditions that are safe, healthy, ergonomic and enjoyable, as well as encouraging staff to pursue an active lifestyle to help reduce stress. In addition

to the benefits stipulated by law, we provide health insurance and a range of employee benefits such as retirement provision, parental leave, and funding for housing situations. At the end of 2019, we employed 569 people. All permanent employees received annual performance and career development reviews. Parental leave was taken by 26 people and we achieved 100% return to work at the end of the parental leave period.

Employee engagement

A successful and productive workforce is not just about performance in the workplace. Across our operations, we lay on a wide range of extra-curricular activities to foster team-building and promote healthy life choices, such as sporting competitions.

Our remuneration and benefits packages are in line with industry practice and are regularly reviewed to ensure they remain competitive. When employees leave at the end of their careers, they are able to benefit from various retirement schemes, including pension plans and post-employment medical plans.

Recruiting and retaining talent

In order to remain successful, we need to have the best people. In selection, progress and promotion, our staffing policies are designed to ensure employees are equipped to deliver their best and are fairly rewarded.

Everyone is treated fairly and equally, regardless of gender, sexual orientation, marital status, race, colour, nationality, ethnic or national origin, religion, age, disability or union membership.

The electronics industry faces particular challenges in terms of gender balance, particularly at management level, and we are no exception, with 57% of our white-collar workers male and only 43% female. (This is almost identical to the industry average.)

We recognize the need to improve our gender balance, and are making progress. Over the past year, the proportion of women in supervisory roles was 36% – a significant increase over 2018, when the figure was 25%. This is good, but we need to (and shall) do more.

Working towards a balanced workforce

We aim to have gender-equality targets in place by 2021, along with procedures to measure our progress in meeting them. There was no significant change in the gender balance in 2019. The Netherlands is known for its high levels of diversity and inclusion, and these values are central to the way we deal with our people. This will lead to a greater presence of minorities in the company, which will help us enhance our community engagement.

Age	Male	Female
< 30 years old	35%	36%
30 - 50 years old	51%	52%
> 50 year old	14%	12%

Age group per gender (percentage)

Supervisory roles	Percentage (2019)	Percentage (2018)
Proportion of women in supervisory roles*	36%	25%

Comparison 2019 vs 2018 Women in supervisory roles (percentage)

*managing performance of others

Training

To ensure our employees realize their full potential and are best able to work to the highest professional standards, we offer a wide range of training opportunities, starting with an initial induction course. Throughout their time with us, employees are encouraged to take advantage of training in personal development, leadership and corporate issues, and ethics and compliance. In addition to our in-house programs, which include classroom and online modules, employees are encouraged to undertake lifelong learning and can take advantage of external training opportunities in a range of subjects. Training can be chosen to best match the individual's development needs and topics ranging from

personal skills to technical know-how. In 2019 each employee received an average of almost 12 hours of training (11.88 hours for women and 11.86 hours for men, compared to 11.13 and 11.74 respectively in 2018).

Employability and redundancy management

Our company operates in a fast-changing business environment and we need to react to those changes in order to remain competitive and deliver the best results for our stakeholders. In good times this means we can take on additional people. But occasionally it can mean making tough choices, including cost-cutting and, regrettably, redundancies.

In 2019 we welcomed 97 new employees (55 male and 44 female) and terminated 81 contracts (47 male and 34 female).

In the unfortunate event of lay-offs, we offer benefits such as severance pay, an external outplacement service and financial support for retraining, as well as pension fund support as required in the Netherlands for those eligible for early retirement.

LOCATION	MALE (2019)	FEMALE (2019)	MALE (2018)	FEMALE (2018)
The Netherlands	6.76	4.14	2	2
USA	6	6	2	2
Singapore	0	0	8	8
India	9	9	16	16
China (SH)	13.37	16.12	6.45	2.78
China (WH)	36	36	36	36

The average number of training hours per location, per employee

Age	Male	Female
< 30 years old	10	9
30 - 50 years old	39	26
> 50 year old	4	9

New employees (numbers)

Age	Male	Female
< 30 years old	4	2
30 - 50 years old	21	17
> 50 year old	7	6

Terminations (numbers)



Community engagement

***A healthy work-life balance is one of the greatest predictors of employee happiness.
Our local offices provide tailor-made programs for employees.***

In the USA our company provides monthly and quarterly events for employees such as monthly happy hour, onsite BBQ, outdoor sport and catering. Also, the company offers free on-campus gym membership and encourages all employees to use it regularly. Our local office in China has built a roof farm, with vegetables and fruit which are not only supplied to the staff canteen but which staff may also take home.

In 2019, we also supported:

THE SOMMERFEST

The Sommerfest der Landesregierung is an event organized by the German government to show the cultural diversity of branches such as music, movies and of course games. We have supported the German sports federation with AG241QX monitors.

RESPECT GAYMES 2019

This event aims to create encounters between homosexual and heterosexual people who otherwise have few points of contact in everyday life through sport and culture. In addition, the Respect Gaymes offer such sports teams an opportunity to introduce themselves, to be open, to try out their skills and to participate generally. We have supported the event with AG271QX monitors.

YOUNG IFA BERLIN

The Young IFA is an event within the IFA which aims to educate and promote the youth gaming audience and their parents. We have supported the event with monitors G2460PF and Q3277PQU.

Sustainable products & **Responsible materials**

Protecting human rights

As part of our commitment to sustainability we work hard to avoid and, if necessary, deal with any violation of human rights associated with our supply. The group's Sustainability Policy is in line with relevant international instruments on human rights, labour rights and children's rights. We are committed to upholding the highest standards of business ethics and not to deal with partners whose standards are questionable.

Conflict minerals

Natural resources extracted in a conflict zone whereby the proceeds of the sale are used to perpetuate the fighting are known as conflict minerals. Some of the metals required by the electronics industry can be found in such areas, and companies in the sector need to be particularly careful to ensure they are not using conflict minerals.

We operate robust due diligence procedures to ensure that neither our products nor the components in our supply chain contain any metals that have contributed to the conflict in the Democratic Republic of the Congo (DRC) or adjacent areas. Our policy helps to improve conditions in our supply chain and to promote legitimate trade in and around the DRC.

Conflict-free smelters

Since 2018, we have contacted all our suppliers and required them to carry out due diligence on their own supply chain, have smelters assessed, and provide information when requested. We expect all our suppliers to steer their supply chain towards using only conflict-free smelters. A list of such plants is available on the RMI website, which is continuously updated as more smelters are audited.

We request all suppliers using smelters that are not yet verified as being conflict-free to participate in the RMI audit program or switch to a smelter that has already been audited and approved.

To foster long-term relationships with suppliers, we offer priority during the procurement process to those who are consistently reliable and affirm their achievements with recognition and awards. In 2018, 90% of the smelters we used were listed in the Responsible Minerals Assurance Process (RMAP). We are proud to state that in 2019 we stayed on target.

Circular design

The end of a product's life does not mark the end of our interest in it. Our products include many innovations that reduce the number of parts required and hence facilitate dismantling. We use as many environmentally-friendly materials as possible, and the use of plastics and mixed materials is minimized and labelled. Since we didn't use plastic bags to pack the cables in the boxes for in total 4,882,021 monitors, we were able to reduce 73,230 kg.

Energy efficiency

Energy saving is at the heart of our design process and regulations on energy consumption are fundamental to the design stage. The energy consumption of the products we launched in 2018 was 66% lower than in 2010 – a significant improvement – and our HDMI monitors had an A label or higher. In 2019 we had 127 monitors classified with the Energy Efficiency Label (monitors with HDMI port) with 59,05% of all our monitors having energy label A and/or higher.

Environmental conscience and approach

Environmental concerns are high on everyone’s agenda and we work hard to ensure that our products meet all relevant regulations. We wish our customers to have the information they need to make informed decisions when it comes to choosing products that are sustainable and have minimum impact on the environment. Our customers deserve the best, and we are committed to developing, promoting and marketing products with greater energy efficiency and environmentally responsible credentials in all our markets.

Hazardous materials

The way hazardous waste materials are handled is based on the QC 080000 process management system of the IECQ, a worldwide approval and certification system covering the supply of electronic

components and associated materials and assemblies and processes. We request that all our suppliers are adhering to that system. For example, our manufacturing operation in China upgraded the processes to reduce consumption of soldering materials and to reduce tin waste.

Environmental conservation

The world has seen many wasted opportunities to avoid damaging the environment, and environmental conservation is a crucial element in sustainable development.

Our company and all our employees can play a part, and we intend to intensify our activities in this respect. For example, we have a company-wide policy to limit the use of paper by printing on both sides of each sheet, and we have controls in place to minimize wastage in office supplies and consumables.

We will switch to renewable electricity wherever possible; our headquarters in Amsterdam already uses 100% of its energy from European green power, which was certified by Gold Standard certifications.

Energy	A		A+		A++		B		C		Total Count of EEI	Total % of EEI
EEI	Count of EEI	% of EEI	Count of EEI	% of EEI	Count of EEI	% of EEI	Count of EEI	% of EEI	Count of EEI	% of EEI		
AOC	28	22.05	10	7.87		0.00	26	20.47	6	4.72	70	55.12
MMD	25	22.05	8	6.30	1	0.79	18	14.17	2	1.57	57	44.88
Grand Total	56	44.09	18	14.17	1	0.79	44	34.65	8	6.30	127	100

Number of HDMI monitor models with energy labels

Sustainable Development Goals (SDGs)

The Sustainable Development Goals (SDGs) are seventeen goals and 169 targets to make the world a better place by 2030. The SDGs have been agreed by the countries that are member of the United Nations (UN) and the SDGs are the successors of the Millennium Development Goals, which ran from 2000 to 2015. The SDGs can be seen as a common framework to end global issues like poverty, inequality and climate change. As an internationally operating company, we are aware of the fact that we can contribute to these global challenges when we integrate the SDGs in our strategy and business model. The targets, the UN SDG indicators, are thereby a useful mechanism to define the contribution of our company in a more tangible way. This also gives stakeholders the opportunity to compare our efforts and results with peers.

In our daily operations we observe that stakeholders like clients and governments show an increasing interest in the way we add value to society from a social and environmental perspective. As an organization we wish to contribute to the SDGs where we can make the most impact. We are thereby contributing to a more sustainable future through our products, systems and services.

SDG 3, 4, 8 and 12 are the most material SDGs for our company.



SDG 3:

Good health and well-being

The amount of time we spend looking at a display is staggering. From monitors or laptop displays in our workspace or school to large screen TVs and our smartphones/tablets on the go - wherever we turn, we are looking at displays. Hours of staring at screens might not be as harmless as it would appear, current research suggests. In order to prevent harmful effects caused by certain wavelengths, AOC has stepped up and developed a Low Blue Light mode. Filtering out a certain blue light spectrum, the technology helps increase safety and well-being when working with monitors for any period of time.

People working at desks can often spend up to a third of each day sitting looking at a monitor. An incorrect setup may cause bad posture which, in turn, can result in back and neck pain, headaches, shoulder and arm pain, muscle joint problems and poor digestion due to compressed organs. A properly adjusted monitor is, therefore, key to a healthy working environment. As everybody is different, there is no single desk or monitor height that is healthy and comfortable for all.

Additionally, users sharing a workplace may need to make adjustments each time. For this reason, it is crucial to equip a workplace with ergonomic furniture, including a monitor with an ergonomic stand. AOC & MMD cares about its users' health and well-being. Therefore we have been focusing on developing products with improved ergonomic features to enable comfortable working conditions while still benefiting from our excellent display quality.



SDG 4:

Quality education

Our company is committed to supporting and empowering the communities in which we operate. We have always believed that education is a crucial component of community empowerment.

Partnerships with schools

In 2019, we continued to support the "One to One Subsidization" project aimed at providing education for ethnic minority students from underprivileged rural families in the Xinjiang Uyghur Autonomous Region in the PRC. The project was first initiated by the group's chairman and CEO, Dr Jason Hsuan in 2012 and has been operated in collaboration with the Beijing Meijiang Education

Foundation.

This project has expanded to our sites in Beijing, Xiamen, Wuhan, Qingdao and Fuqing. The group has been sponsoring tuition fees for eligible students since the commencement of the project. In addition, the group encourages its employees to foster mentorship relationships with the students by conversing through letters, WeChat, video calls and visits.

During the summer, we assist Chongwen Elementary School in Fuqing City of Fujian Province and Ruiting Elementary School in Taipei City, Taiwan to organize the Tee-Ball Summer Camp. The Summer Camp facilitates exchange between Taiwan and Mainland schools. Through exchange and collaboration, they can expand their network as well as enhance understanding and communication. In the process of learning Tee-Ball together, students can strengthen cultural interflow, and achieve mutual advancement.

Partnerships with universities

We collaborate with various institutions in China to foster talent and professional expertise. Participating institutions include top universities such as Fuzhou University and Xiamen University of Technology. Shortlisted candidates work closely with our in-house engineers on product innovation, for example on creating new display technologies with higher definition and yet lower power consumption.

In today's highly competitive job market we recognize the vital importance of work experience. Through partnerships with these universities our company

enables students to take part in innovation projects that give them the opportunity to gain first-hand experience and insight for career development. Through this program, we offer students the chance to become part of our company or to receive practical support towards obtaining a first job elsewhere. Already, more than 300 students have benefited from the program since it was launched in 2009.



**SDG 8:
Decent work and economic growth**

As an internationally operating organization with different supply chains, it is our responsibility to protect the working conditions of our employees and those in the supply chain as far as we can.

We unequivocally respect the internationally recognized human rights of all people, and are firmly committed to upholding the human rights of all our employees and those who work in our supply chain. We offer competitive remuneration and benefits packages in accordance with industry practices, which are reviewed regularly to remain competitive within the market. We operate various retirement schemes, including pension plans and post-employment medical plans in accordance with local rules and regulations.

Our company is committed to provide our employees with an inclusive workplace that embraces and promotes diversity and equal opportunity. We have zero tolerance for harassment and discrimination in any form. Employment is offered only to the best-qualified applicants considering their ability to meet the job requirements, irrespective of whether they are referrals or direct applicants. This applies to recruitment, selection, terms and conditions of employment including pay, promotion, training, transfer and every other aspect of working with us. We regularly review our procedures and selection criteria to ensure that individuals are selected and promoted fairly.

Looking at the environment, our parent organization conducts periodic audits to ensure that our growth is not at the expense of the environment. All production locations that supply AOC & MMD have an ISO 14001 certification.



SDG 12: Responsible consumption and production

In addition to our own energy needs, our biggest impact is in the products we develop and sell. In 2019 we were able to launch three of our greenest monitors, the 272B1G, the 241B7QGJEB and the 242B1G. They feature a number of super energy efficient features, and also employ eco-friendly materials that meet major international standards. We have made a commitment to use more sustainable, eco-friendly materials across our monitor range. This is to help ensure the minimization of waste and the elimination of toxic substances for a better tomorrow.

To lessen environmental impact, the 241B7QGJEB and 242B1G (23.8"), as well as 272B1G (27") models, are boxed in 100% recyclable paper cushions and packaging materials that are non-EPE. This not only reduces waste, but also eliminates any fees necessary for the disposal of non-recyclable packaging.

All the external plastic parts of these 3 models and most of other B2B models are made of lightweight, 85% ITE post-consumer that is free of FR (Flame Retardant) and the 241B7QGJEB and 242B1G models are TCO Certified.

Their foremost eco-conscious feature is PowerSensor, a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if you are present. Once you step away, PowerSensor automatically reduces monitor brightness to cut your energy costs by up to 70%.

Another energy-saving feature is LightSensor, a smart sensor that adjusts picture brightness according to the light conditions of a room.

To reduce our carbon footprint even further, we have incorporated a 0-watt hard switch, which is located at the back of these monitors. With just a flick of this switch, the AC power to your monitor is completely cut off, resulting in zero power consumption. These energy-efficient features have helped these B Line monitors to achieve a higher EU EEI A++ energy class, as well as EnergyStar 8.0 rating (for the 2421G, 241B7QGJEB and 272B1G).

To help our customers to make a conscious and sustainable choice they can calculate their possible savings.

<https://www.monitorenergycalculator.philips.com/global>

SUSTAINABLE DEVELOPMENT GOALS

Corporate footprint

Part of the circular economy

The electronics industry should be able to have a positive effect on the environment as long as companies are smart and develop reversible and regenerative designs. We are proud of our progress in energy reduction through greater efficiency, establishing offices in buildings with an *A energy label* and employing more sustainable methods of transporting our products.

As in the past, in 2019 we undertook various initiatives to reduce carbon footprint in the offices, and we continue to encourage these initiatives in the office:

- Energy-saving LED lights and optimised use of natural light
- Light motion sensors in the lavatories
- Efficient air-conditioning system
- Management System using an energy demand system, which increases energy efficiency.

Energy

Our plans for the sustainability of our office space have taken on a more concrete form. Our office building in Amsterdam has been certified as category A under the EU's Energy Performance of Buildings Directive.

Using energy more efficiently and opting for renewable energy sources is essential for combating climate change and for lowering an organization's overall environmental footprint.

Air travel

In 2019, air travel emissions totalled 248,638 CO₂e kg of which 127,522 CO₂e kg are attributed to intercontinental flights. Data and calculations have been provided by Carlson Wagonlit Travel; however this has not been audited for the year 2019. Our intention is to deepen our reporting to include Scope 3 in the near future.

Entity	MMD Monitors & Displays	Envision Peripherals	MMD Singapore	TPV Technology	MMD Electronics Technology Co.	AOC Admiral Technology	Totals
Location	Netherlands	USA	Singapore	India	Shanghai	Wuhan	
GHG emissions							
GHG Scope 1 CO ₂ e (t)	82.45	23.56			3.98	47.88	157.87
GHG Scope 2 CO ₂ e (t)	1.57	44.28	42.98	110.28	171.47	71.59	442.17
GHG Total CO ₂ e (t)	84.02	67.84	42.98	110.28	175.45	119.47	600.04
% Contribution	14.0%	11.3%	7.2%	18.4%	29.2%	19.9%	
Water							
Consumption (m ³)	233	637.76	86.70		398.34	1969	3324.80
% Contribution	7.0%	19.2%	2.6%	0.0%	12.0%	59.2%	

GHG emissions in tonnes, Water consumption

Activity	Netherlands	USA	Singapore	India	Shanghai	Wuhan
Natural gas stationary combustion	13.15	23.56	-	-	-	32.74
Petrol mobile combustion	69.29	-	-	-	-	15.74
Septi-tank BOD	-	-	-	-	3.98	-
Scope 1 Direct Emissions	82.45	23.56	-	-	3.98	47.88
Purchased electricity	0.85	17.38	42.98	110.28	171.47	71.59
Purchased natural gas	0.73	26.90	-	-	-	-
Scope 2 Energy Indirect Emissions	1.57	44.28	42.98	110.28	171.47	71.59
GHG Net Emissions	84.02	67.84	42.98	110.28	175.45	119.47

Activity	Unit	Netherlands Amsterdam	Netherlands Rotterdam ⁽¹⁾	USA	Singapore	India	Shanghai	Wuhan
Natural gas	Therm	5,351.90	1,993.00	4,445.90	-	-	-	14,976.87 (m ³)
Petrol	Liter	30,538.2	-	-	-	-	-	4,860 (Kg)
Septi-tank BOD	Kg	-	-	-	-	-	331.80	-
Purchased heat	GJ	-	-	-	-	-	237.28	-
Purchased frozen water	KWh	-	-	-	-	-	102,251	-
Purchased electricity	KWh	124,088.10	10,990.50	73,691.40	102,637	119,865	78,417	79,423.52

Entity	Netherlands	USA	Singapore	India	Shanghai	Wuhan	Overall
Water usage(m ³)	233.00	637.76	86.70	NA ⁽²⁾	398.34	1969	3324.80

Note:

GHG emissions for our entities for the period 1st January 2019 to 31st December 2019 have been verified in accordance with the principles and requirements of ISO14064-1 and ISO14064-3.

Energy rates for the Amstel building are sourced from EPBD NL building certificate; 38 kWh/m² (electricity), 6 m³/m² (gas) and 0,0 GJ/m (heating). Source Emission factors: <https://www.co2emissiefactoren.nl>. WTW used; Minor energy usage for the energy back-up-generators was omitted due to lack of data for 2019. Biomass consumption (none) and refrigerant losses were omitted from the Scope 1 emissions.

(1) The Rotterdam office in the Netherlands was closed mid 2019.

(2) Data is not available for the India office (23 employees). The data is not material to affect the total water usage.

Company location	TPV Display Technology Beihai	TPV Electronics Fujian	TPV Display Technology Wuhan	L&T Display Technology Fujian	Site Total
GHG emissions					
Data Source	SGS CN20/30768	SGS CN20/30708	TUV Noord	CTI Cert	
GHG Scope 1 CO ₂ e (tonnes)	201.0	1,445.6	1,415.4	523.6	3,585.5
GHG Scope 2 CO ₂ e (tonnes)	4,320.5	43,899.9	10,874.7	10,481.8	69,577.0
GHG Total CO ₂ e (tonnes)	4,521.5	45,345.6	12,290.1	11,005.4	73,162.5

GHG emissions, Suppliers

Company location	TPV Display Technology Beihai	TPV Electronics Fujian	TPV Display Technology Wuhan	L&T Display Technology Fujian	Site Total
Water					
Intake - Supplied by third-party supply (m ³)	46,718.0	821,357.0	227,767.0	52,291.0	1,148,133.0
Discharge to third-party facility (m ³)	32,385.0	698,153.0	163,994.0	44,447.0	938,979.0
Net consumption	14,333.0	123,204.0	63,773.0	7,844.0	209,154.0

Water, Suppliers

Production units shipped	TPV Display Technology Beihai	TPV Electronics Fujian	TPV Display Technology Wuhan	L&T Display Technology Fujian	Grand Total
Total number of units produced	7,743,800	58,177,700	17,846,500	11,587,200	95,355,200
AOC Monitors	1,995,308	913,727	5,320,080	979,304	9,208,419
MMD Monitors	2,415,832	739,963	2,838,050	1,236,138	7,229,983
Total MMD+AOC	4,411,140	1,653,690	8,158,130	2,215,442	16,438,402
% MMD+AOC	57.0%	2.8%	45.7%	19.1%	17.2%

Production units, Suppliers

Suppliers	Supplier Environmental Performance - Site Totals				
Company	TPV Display Technology	TPV Electronics	TPV Display Technology	L&T Display Technology	Site Total
Location	Beihai	Fujian	Wuhan	Fujian	
Data Source	SGS CN20/30768	SGS CN20/30708	TUV Noord	CTI Cert	
GHG emissions					
GHG Scope 1 CO ₂ e (tonnes)	201.0	1,445.6	1,415.4	523.6	3,585.5
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Discharge to third-party facility (m ³)	32,385.0	698,153.0	163,994.0	44,447.0	938,979.0
Net Consumption	14,333.0	123,204.0	63,773.0	7,844.0	209,154.0

Overall Totals	Entities (Scope 1 & 2)	MMD/AOC Share of Suppliers (Scope 3)	MMD/AOC (Scope 1, 2 & 3) Totals
GHG emissions			
GHG Scope 1 CO ₂ e (tonnes)	157.87	902.70	1,060.55
GHG Scope 2 CO ₂ e (tonnes)	442.17	10,684.20	11,126.35
GHG Total CO ₂ e (tonnes)	600.04	11,586.90	12,186.90
% Contribution	4.92%	95.08%	
Water			
Consumption (m ³)	3324.80	42,318.80	45,643.59
% Contribution	7.28%	92.72%	

Data Collection

2019 is the second year in which we have issued such a report as this. There have been no changes in the data collection method since 2018, and there were no mergers, acquisitions or divestments.

Economic data

The financial data in this report is based on data collected through our enterprise resource planning and management reporting systems. The figures used in the consolidated financial statements have been prepared according to the International Financial Reporting Standard. In addition, some data has been collected manually from Microsoft Excel spreadsheets and SAP.

Environmental data

Performance data on environmental aspects has been collected (when possible) from our major business units for electricity use, heating, emissions from corporate flights and water use. The report includes information from our key supplier sister organizations on Scope 1 and Scope 2 emissions from the combustion of fuels.

A new database is being developed to help us compile environmental data on location-specific datasheets. Environmental data has been readily available for our largest business units. Our smaller offices, which generally have fewer than 25 staff, were not able to report environmental data, because they are located together with other companies in large office premises. They typically pay a monthly lump sum to office space providers, and it is not possible to disaggregate details of their electricity, heat or water consumption.

Integrating data collection

For 2019, environmental data has been collected via our health and safety reporting team. The data for each location is compiled on Microsoft Excel spreadsheets and then analysed and combined into a single file to facilitate calculations by our head of compliance.

Social data

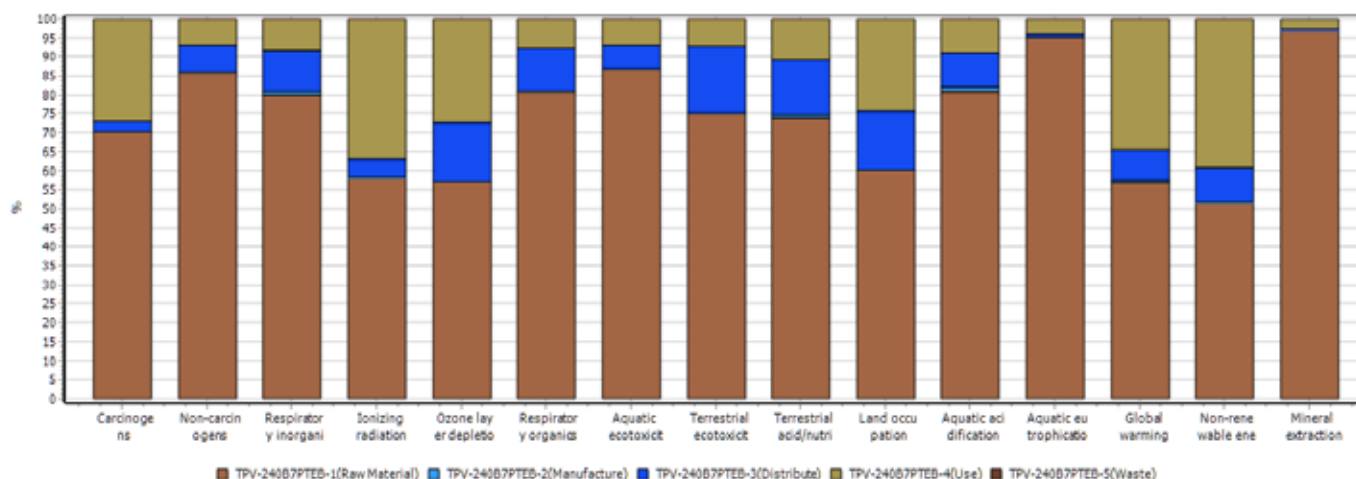
Data on our social performance was collected applying a global master data system based on SAP. The system includes accurate data on our employees globally, covering all business units and providing basic information on all employees. Training data covers our global training programs and has been compiled from different reporting systems. Data on global training programs has been collected from a learning management system and our own and third-party human resources personnel. Safety training data has been collected from the health and safety reporting system. Our learning management system is expected to improve the coverage and quality of our training data from 2020.

To collect data on human rights and compliance, a questionnaire in the form of Microsoft Word and PDF documents and Microsoft Excel spreadsheets was sent to the person responsible for human resources in each location.

Lifecycle assessment

TPV evaluates LCA (life cycle assessment) for displays with standards ISO 14040/14044 from cradle to grave, including raw material, manufacturing, distribute, usage and waste. The LCA result with analysis method IMPACT 2002+V2.12 for PHILIPS 240B7Q:

Impact Category	Measuring unit	Sum
Carcinogens	kg C2H3Cl eq	10.14352365
Non-carcinogens	kg C2H3Cl eq	11.69639982
Respiratory inorganics	kg PM2.5 eq	0.473300012
Ionizing radiation	Bq C-14 eq	5972.096587
Ozone layer depletion	kg CFC-11 eq	4.06032E-05
Respiratory organics	kg C2H4 eq	0.195444105
Aquatic ecotoxicity	kg TEG water	61931.2694
Terrestrial ecotoxicity	kg TEG soil	18886.87381
Terrestrial acid/nutri	kg SO2 eq	9.07137311
Land occupation	m2org.arable	12.25719542
Aquatic acidification	kg SO2 eq	2.39516294
Aquatic eutrophication	kg PO4 P-lim	0.486082809
Global warming	kg CO2 eq	414.6133307
Non-renewable energy	MJ primary	6374.380265
Mineral extraction	MJ surplus	191.1309156

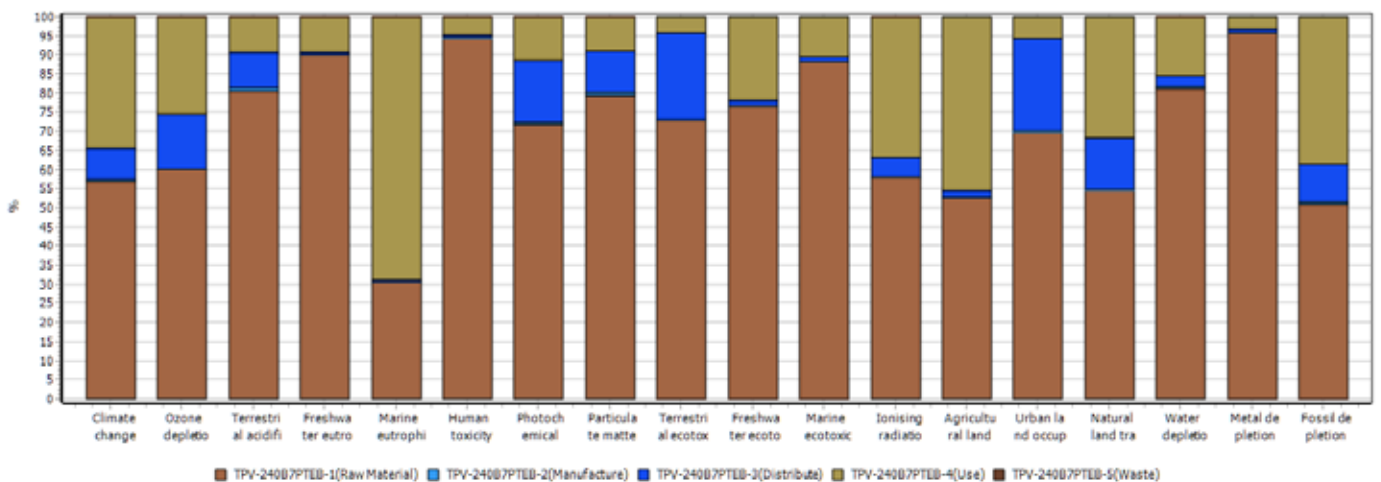


正在分析 1 p TPV-240B7PTEB' ; 方法 : IMPACT 2002+ V2.12 / IMPACT 2002+, 特性描述

Evaluation Summary of Products Environmental Impact - characterization (IMPACT 2002+ V2.12)

The LCA result with analysis method ReCiPe Midpoint (E) for 240B7Q:

Impact Category	Measuring unit	Sum
Climate change	kg CO2 eq	411.0619898
Ozone depletion	kg CFC-11 eq	4.41E-05
Terrestrial acidification	kg SO2 eq	2.353200902
Freshwater eutrophication	kg P eq	0.455233924
Marine eutrophication	kg N eq	2.94583951
Human toxicity	kg 1,4-DB eq	31916.5442
Photochemical oxidant formation	kg NMVOC	1.681212981
Particulate matter formation	kg PM10 eq	0.877506254
Terrestrial ecotoxicity	kg 1,4-DB eq	0.952475463
Freshwater ecotoxicity	kg 1,4-DB eq	21.07880992
Marine ecotoxicity	kg 1,4-DB eq	20461.52979
Ionising radiation	kBq U235 eq	58.92326493
Agricultural land occupation	m2a	29.44268264
Urban land occupation	m2a	9.875189739
Natural land transformation	m2	0.095750184
Water depletion	m3	3.862916016
Metal depletion	kg Fe eq	218.0417603
Fossil depletion	kg oil eq	127.4403286



正在分析 1 p TPV-240B7PTEB' : 方法 : ReCiPe Midpoint (E) V1.12 / Europe Recipe E/特征描述

Evaluation Summary of Products Environmental Impact – characterization (ReCiPe Midpoint (E) V1.1.2)

1. Suppliers 2019 GHG emissions according to ISO 14064-1:2006

	TPV Electronics (Fujian) Co.,Ltd (TPV Fujian)	TPV Display Technology (Wuhan) Co., Ltd (TPV Wuhan)	TPV Display Technology (Beihai) Co., Ltd (TPV Beihai)	L&T Display Technology (Fujian) Ltd. (L&T)	Site Total
Scope 1 (tons CO ₂ e)	1,445.62	1415.36	200.98	523.56	3585.5
Scope 2 (tons CO ₂ e)	43,899.94	10874.69	4320.51	10481.84	69577.0
Grand Total	4521.5	45345.60	12290.1	11005.4	73162.5

Activity data

Category	Emission Source	2019 Activity Data				Unit
		TPV Fujian	TPV Wuhan	TPV Beihai	L&T	
Emission Scope 1	Natural gas	282,343	432,180	5,580	-	m ³
	Liquefied petroleum gas	-	-	1,307	-	Kg
	Gasoline	49,843	5,876	2,977.79	40,592.70	Kg
	Diesel oil	14,454	11,750	1,191.1	4,528.27	Kg
	Acetylene	2.5	-	-	-	Kg
	CO ₂	-	50	-	-	Kg
	R404A+R23	6.2	9	-	-	Kg
	R134a	5	-	1,524	-	Kg
Septic-tank BOD	68,766.97	30,008	8,063.29	33,000	Kg	
Emission Scope 2	Purchased Electricity	54,561,194	12,064,221	5,163,754	13,027,392	Kwh

2. Suppliers 2019 water consumption data

Supplier	TPV Fujian	TPV Wuhan	TPV Beihai	L&T Fujian	Site total
Total Water Intake (m ³)	821,357	227,767	46,718	52,291	1,148,133.0
Water discharge (m ³)	698,153	163,994	32,385	44,447	938,979.0
Water consumption (m ³)	123,204	63,773	14,333	7,844	209,154.0

3. Suppliers' comprehensive energy consumption and three years energy performance improvement rate according to standard GB/T 23331-2012/ ISO 50001:2011:

Manufacturing facilities	Year	Annual output (10 Thousands Set)	Total Energy Consumption (Tons of standard coal Tce)	The unit product comprehensive energy consumption (Tce/10000 sets)	Three years energy performance improvement rate
TPV Fujian	Y2016	4428.7	7039.6	1.59	27.27%
	Y2017	5526.91	7331.0	1.33	
	Y2018	5490.03	6902.62	1.26	
	Y2019	5817.77	6726.05	1.16	
TPV Wuhan	Y2016	916.71	1504	1.64	43.81%
	Y2017	1132.10	1424	1.26	
	Y2018	1601.85	1535	0.96	
	Y2019	1784.65	1645	0.92	
TPV Beihai	Y2016	415.70	342.74	0.82	16%
	Y2017	534.18	380.93	0.71	
	Y2018	651.83	472.86	0.73	
	Y2019	774.38	536.30	0.69	
L&T Fujian	Y2016	1094.39	1439.49	1.32	8.39%
	Y2017	1192.79	1484.2	1.24	
	Y2018	1139.49	1436.66	1.26	
	Y2019	1158.72	1396.23	1.2	



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DOCUMENT012.10.2020