



### **CONTENTS**

- 03 MESSAGE FROM THE DIRECTOR MARKETING AND BUSINESS MANAGEMENT
- 04 OUR MEMBERSHIPS AND SUSTAINABILITY RATINGS
- 05 BUSINESS & MARKET DEVELOPMENTS
- 06 BUSINESS MODEL AND BRANDS
- 07 THE HISTORY OF AOC
- 09 THE HISTORY OF MMD
- 10 OUR COMMITMENT TO THE ENVIRONMENT
- 12 DESIGNING FOR SUSTAINABILITY & CIRCULARITY TO THE ENVIRONMENT
- 14 SUSTAINABLE MONITOR DESIGN IN PRACTICE

#### 15 OUR SOCIAL INVESTMENT

- 16 TPV CARES
- 18 RED CROSS
- 19 THEROCKINR
- 20 ITSCI
- 21 FORESTNATION
- 22 BARÇA FOUNDATION

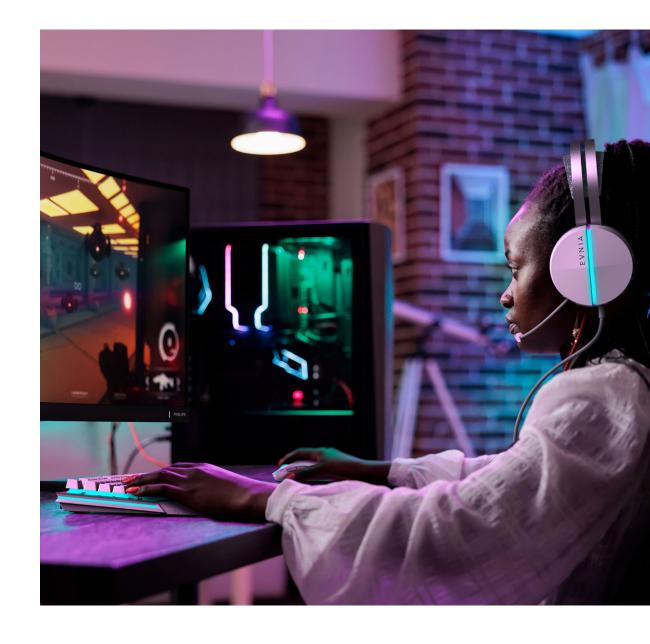
#### 23 GOVERNANCE

- 24 OUR GOVERNANCE
- 25 ESG GOVERNANCE
- 26 ANTI-CORRUPTION AND BRIBERY
- 26 DATA PRIVACY

#### **27 ABOUT THIS REPORT**

- 28 SCOPE OF REPORT
- 28 OTHER ESG POLICIES

#### 29 APPENDIX







**MESSAGE FROM THE DIRECTOR MARKETING AND BUSINESS MANAGEMENT** 

Dear reader,

The world continues to face far-reaching environmental and societal challenges. From the escalating climate crisis—2024 again marked one of the hottest years on record—to rising energy costs and increasing raw material scarcity, the pressure on industries to rethink and redesign their processes is growing fast.

At the same time, the global e-waste problem is becoming harder to ignore, underscoring the need for more circular and responsible product lifecycles.

At AOC and MMD (Philips Monitors), we remain committed to improving sustainability across our full value chain.

That means going beyond product performance: we focus on the sourcing of responsible materials, reducing packaging and plastic waste, designing for energy efficiency, and supporting end-of-life recovery.

Many of our monitors now meet leading international sustainability standards such as TCO Certified, EPEAT+, and ENERGY STAR. Last year, both brands were recognised as EPEAT Climate+ Champions—an achievement that reflects the strength of our long-term commitment.

Still, this is only the beginning. We continue to embed circular design thinking into all areas of our work with the aim of contributing to a more sustainable future for our industry and the world around us.

This, our seventh Sustainability Report, shares the progress we've made and the direction we are heading. We welcome your feedback, new ideas, and shared inspiration as we shape a more sustainable future together.

We wish you an insightful and inspiring read.

#### Stefan Sommer

Vice President Europe, TPV (AOC & Philips Monitors, IT Accessories)

# OUR MEMBERSHIPS AND SUSTAINABILITY RATINGS

We are committed to supporting a range of international sustainability initiatives and measurement ratings that underpin our operations, ensure transparency, and track our progress.

#### **SUSTAINABILITY RATINGS**



Bold environmental action must begin with an accurate, transparent assessment of environmental impact and progress, which CDP scoring makes possible.





Climate Change

Water Security



Our EcoVadis gold rating places us, as a part of TPV, within the top 5% of display manufacturing companies rated by EcoVadis across the World.

#### **MEMBERSHIPS**



We support the United Nations SDGs and remain committed to driving progress in our chosen key areas.



We are committed to the UNGC corporate responsibility initiative and its principles in the areas of human rights, labour, the environment and anti-corruption.



We continue to support the SBTi, driving sustainable growth by setting ambitious, science-based emissions reduction targets.



We support and have joined the Responsible Minerals Initiative (RMI), helping to ensure positive contributions to global social economic development.



The RBA is a non-profit comprised of leading companies committed to supporting the rights and well-being of workers and communities worldwide that are affected by global supply chains. RBA members commit and are held accountable to a common Code of Conduct and utilise a range of RBA training and due diligence tools to support continual improvement in the social, environmental and ethical performance of their supply chains.



ITSCI is an award-winning multistakeholder programme contributing to better governance, human rights and stability currently in central Africa. ITSCI's purpose is to create responsible mineral supply chains that avoid contributing to conflict, human rights abuses, or other risks such as bribery.





## **BUSINESS MODEL AND BRANDS**

AOC & MMD provide monitors and displays that deliver our clients an outstanding experience, no matter the purpose of use. Our mother company TPV forms joint ventures with key component makers to secure stable supply and enhance cost structure.

The TPV Group is licensed to sell Philips brand TVs worldwide, with the exception of the United States, Canada, Mexico and certain countries in South America. Separately, the Group is licensed to sell Philips brand monitors globally. Philips' strong brand recognition, R&D capabilities, and innovative products further seal TPV's strong foothold in the display market. The two-pronged business model, Original Brand Manufacturing (OBM) and Original Design Manufacturing (ODM), broadens market reach and allows more efficient utilisation of resources.



# THE HISTORY **OF AOC**

Founded in 1967, AOC is a globally leading monitor and IT accessories brand and a subsidiary of TPV Technology Limited, the world's largest LCD manufacturer. AOC's comprehensive portfolio provides the perfect monitor for every need - professional as well as personal applications.

AOC displays offer an excellent viewing experience wrapped in outstanding designs. With one of the strongest portfolios of highperformance gaming monitors, AGON by AOC is the number one gaming monitor brand in the world. For more information please refer to the AOC and AGON by AOC official websites or follow on Facebook, Twitter or Instagram.















**PHILIPS** 

MMD-MONITORS & DISPLAYS NEDERLAND













## THE HISTORY **OF MMD**

MMD-Monitors & Displays Nederland B.V. ('MMD'), registered in the Netherlands, with their head offices in Amsterdam, is a wholly owned subsidiary of TPV Technology Limited ('TPV'), which is one of the world's leading monitor and TV manufacturers.

MMD exclusively markets and sells Philips branded displays worldwide. By combining the Philips brand promise with TPV's manufacturing expertise in displays, MMD uses a fast and focused approach to bringing innovative products to market.

EVNIA, the sub-brand of MMD, is the most welcoming gaming brand by offering a stylish design and a new perspective that allows everyone to own their gaming experience. EVNIA is for everyone looking to find their spot in the gaming world, and it aims to rekindle and reinvent the rule of gaming. Since 2022, anyone





# OUR COMMITMENT TO THE ENVIRONMENT



# **OUR COMMITMENT TO** THE ENVIRONMENT

In 2024, AOC and MMD continued to advance their environmental responsibility by introducing new technologies and aligning with the latest industry standards in sustainable product design.

One of the key developments this year is the launch of PowerSensor 2—a more precise and responsive user detection system that significantly reduces monitor energy consumption. By detecting user presence with improved accuracy and adjusting brightness accordingly, PowerSensor 2 contributes to lower energy usage without compromising user comfort or performance.

In addition, AOC and Philips Monitors adopted the latest TCO Certified Generation 10 standard across selected monitor models. This certification reflects compliance with stricter criteria related to environmental impact, human rights, and product circularity. As part of this commitment, selected models are now offered with an extended 5-year warranty, reinforcing our ambition to extend product lifecycles and reduce electronic waste.

Together, these developments reflect our ongoing commitment to reducing environmental impact, extending product lifecycles, and aligning with circular economy principles.





## **DESIGNING FOR SUSTAINABILITY** & CIRCULARITY TO THE **ENVIRONMENT**

At AOC and MMD, we recognise that the environmental footprint of our monitors and displays extends far beyond production. We follow a structured approach to reduce environmental impact across the entire lifecycle of our monitors and displays.

The visual below illustrates the six core principles that guide our commitment to sustainable and circular design.

#### Reduce Reuse

Design products and packaging using less materials and resources. and requiring less energy in manufacture and usage.

Develop products and services for a longer lifecycle, with upgradeable/ modular components, or that can be reused second hand.

### Repair

Deliver products that can be repaired more easily, extending display lifetimes and return on investment for existing owners.

Innovate products

**Refurbish Recycle** 

that can be refurbished, repurposing them for extended opportunities and use with new owners.

Create products and packaging made of recycled and bio-based materials. designed so that they can be business models easily recycled after use.

Combine all of these approaches to design, develop and deliver new products, services and for the future.

**Re-invent** 



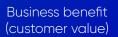




Recycle



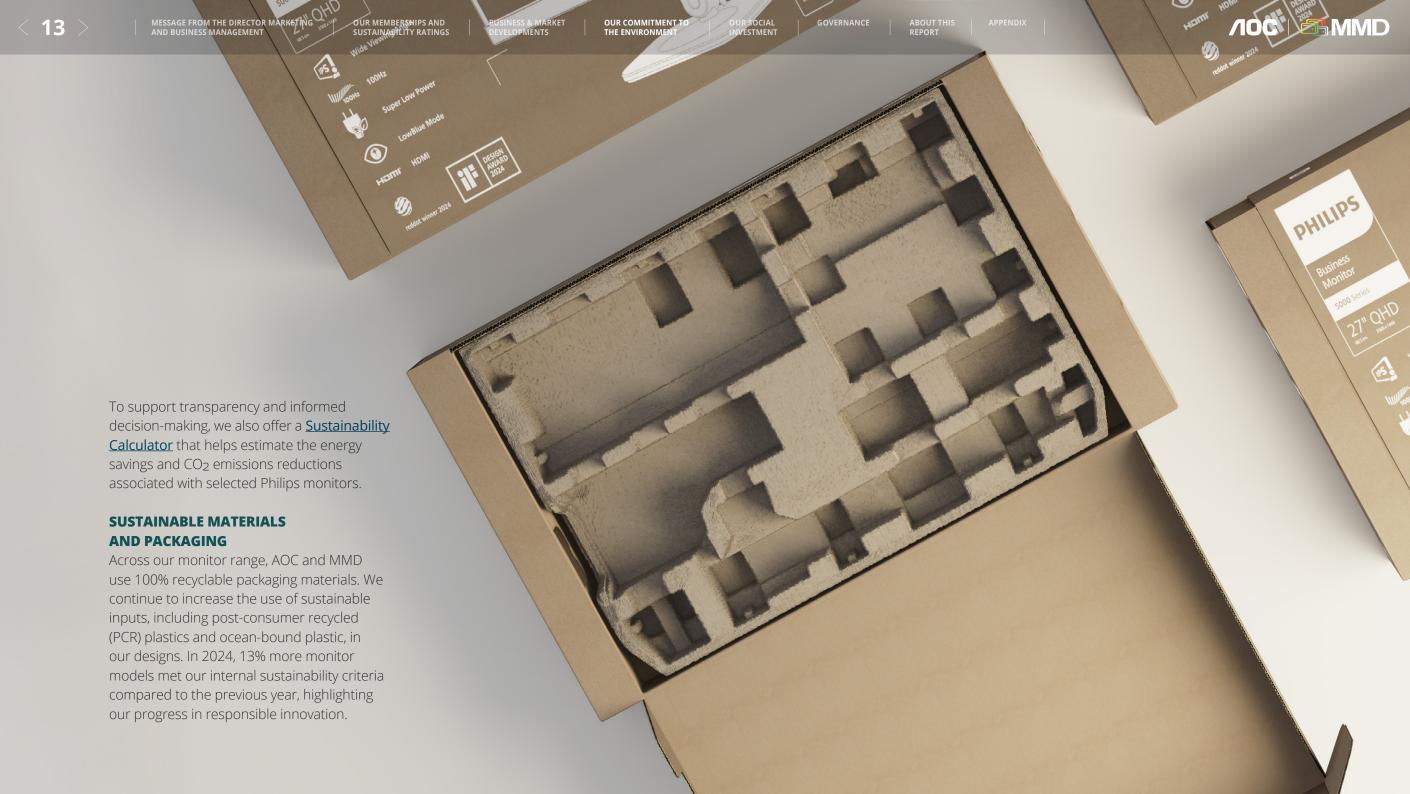
Societal benefit





Reuse

Refurbish





# **SUSTAINABLE MONITOR DESIGN** IN PRACTICE

We strive to deliver high-performance displays with lower environmental impact. The following monitor models exemplify how we integrate sustainability principles into our product design and manufacturing.

#### **PHILIPS MONITORS 24B2G5200 AND 27B2G5500**

These energy-efficient business monitors demonstrate our commitment to circular innovation:

#### ENERGY EFFICIENCY

Equipped with PowerSensor and LightSensor technology, these models reduce power consumption by up to 80%, adjusting intelligently to user presence and ambient lighting. A 0-watt hard switch ensures zero energy use when powered down.

#### SUSTAINABLE MATERIALS

Both models include 85% post-consumer recycled (PCR) plastic and 5% ocean-bound plastic. Packaging is made from FSC-certified, 100% recyclable materials.

#### INDUSTRY-RECOGNISED **CERTIFICATIONS**

Certified to TCO Certified 9.0 Edge and EPEAT Gold, these monitors meet some of the highest environmental and performance standards in the industry.

#### USER-CENTRIC DESIGN

With LowBlue Mode and Flicker-Free technology, these displays are designed to support user health and comfort during extended use.







**ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL** 



**ENSURE INCLUSIVE AND EQUITABLE QUALITY EDUCATION AND** PROMOTE LIFELONG LEARNING OPPORTUNITIES FOR ALL











**ENSURE SUSTAINABLE** 

PRODUCTION PATTERNS

**CONSUMPTION AND** 





**TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS** 



At TPV Europe we believe in the power of technology to create amazing and meaningful visual and sound experiences. Our products and our people are at the heart of all we do, and together we continuously explore meaningful ways to help people and communities reach their full potential every single day.

TPV Cares is the home of our social and environmental impact initiatives. Powered by our business units AOC, MMD, PPDS and TP Vision, TPV Cares makes our visual and sound experience products - as well as financial and volunteer support - available to deserving community projects.

#### **MISSION & VISION**

It is TPV Cares' mission to help unlock the full potential of people and their communities, whether it's to facilitate state-of-theart eLearning solutions direct to people or via fundraising in support of finding a cure for spinal cord injuries.

We want to help everyone to be able to get the most out of their situation in life and to help improve their health, well-being and education.

The projects we support are longterm relationships with lasting impact. We support partners and initiatives that are intrinsically linked to our business, our products and our focus on the UN Sustainable Development Goals regarding Good Health & Well-being (SDG 3) and Quality Education (SDG 4). >

As our products evolve and become more sustainable over the coming years, TPV Cares may also in the future look into expanding its initiatives by contributing to the more environmentally-focused areas covered by the Responsible Consumption and Production (SDG 12) and Climate Action (SDG 13) Goals.

With our global footprint we see great opportunity in supporting local initiatives on a worldwide scale. By 2027, TPV Cares aims to have further strengthened and expanded its initiatives, contributing to the UN's Sustainable Development Goals via our products, our financial support and our people.

Barça Foundation

CUFA

• Eye Care Foundation

ForestNation

ITSCI

KLABU

Mercy Ships

Red Cross Netherlands

TheRockinR

• Together for Cinema

Trash Turtles

Wings for Life World Run

Globally

São Paulo

Vietnam, Suriname

Globally Congo

Lesvos

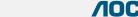
Guinea, Senegal Philippines

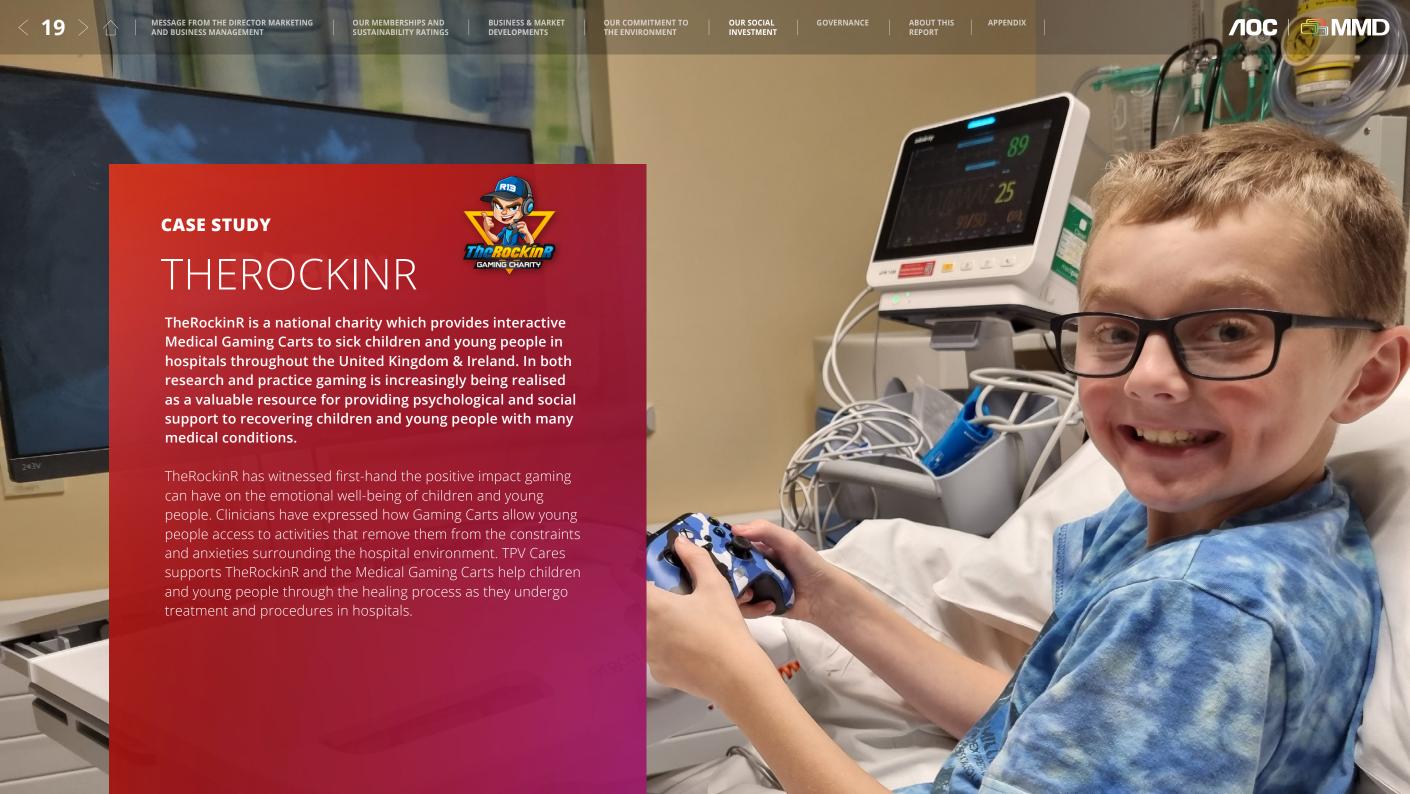
United Kingdom & Ireland

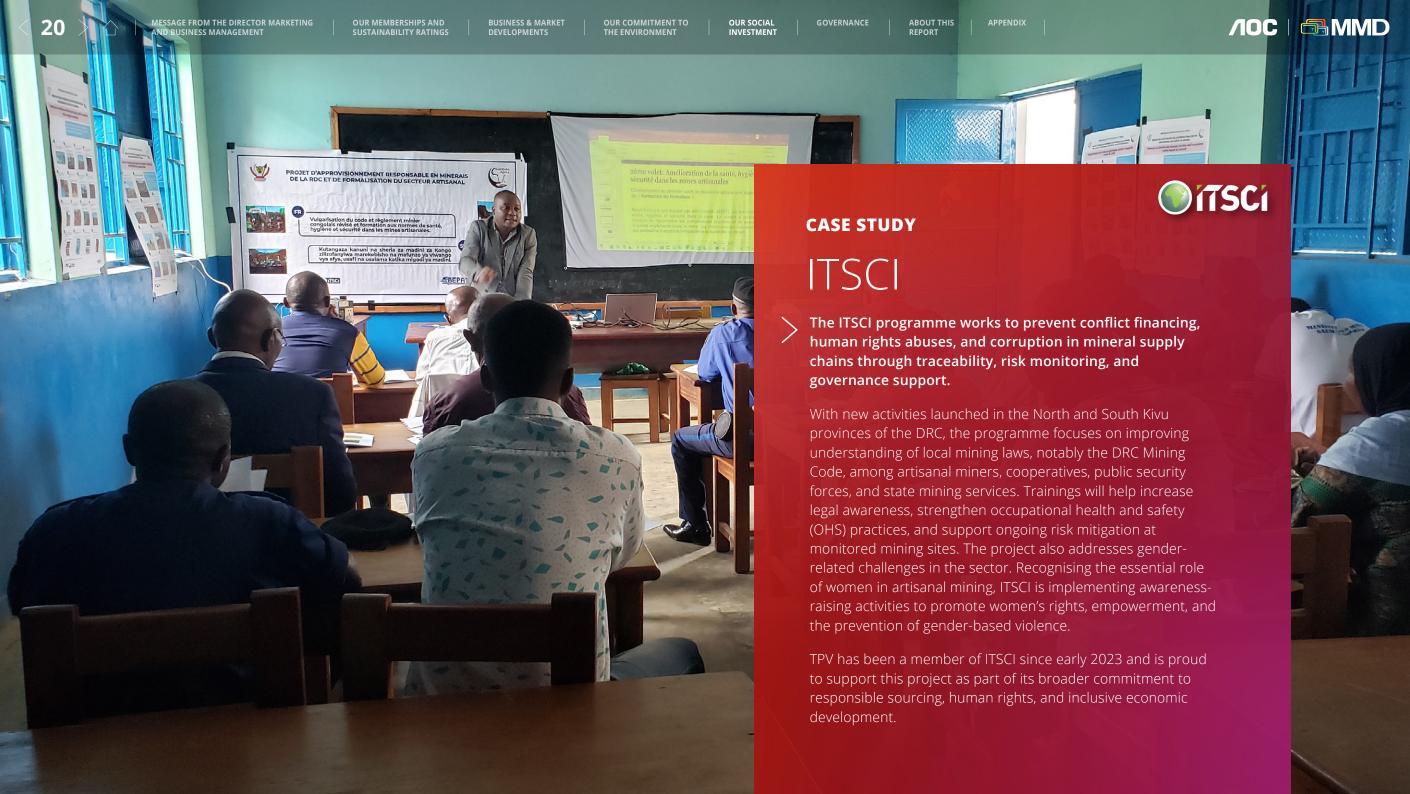
United Kingdom
United States

Globally















#### **CASE STUDY**

### BARÇA FOUNDATION

The Barça Foundation uses the power of sport as a tool for social transformation, creating positive impact in the lives of children and young people living in vulnerable situations around the world.

In line with TPV Cares' commitment to supporting meaningful social change, we joined forces with the Barça Foundation to contribute to initiatives that promote health, well-being, and education for disadvantaged communities. In the 2022/23 season, the Foundation reached over 560,000 children, families, and young people across 15 countries through projects focused on emotional well-being, education, and protection.

Our partnership supports three core programme areas: improving the emotional health of children in hospitals and day centres, providing educational opportunities and protection for underage migrants, and empowering communities through sport-based activities. With strong backing from FC Barcelona—including financial contributions from the club and its players—this collaboration helps ensure long-term, sustainable impact where it is most needed.

### **OUR GOVERNANCE**

Good corporate governance is embedded into our culture and behaviour, and involves all our employees as well as our suppliers.

AOC & MMD embrace the ESG (Environmental, Social, and Governance) principles that prioritise sustainability, ethical conduct, and transparency, and represents a commitment to responsible business practices that consider environmental impact and social responsibility alongside effective corporate governance. It aligns our business with global sustainability goals.

Our Anti-Corruption and Bribery Policy, fully compliant with national and international laws, and our commitment to data privacy, which embeds 'Privacy by Design' and is conveyed in regular training, contribute to these ethical business practices, ensuring transparency, accountability, and fairness in our operations. They combine with other important TP Vision policies to form a set of principles that guide the overall conduct of our business, and that of our partners. TP Vision has formulated ESG policies including a Code of Conduct for both employees and suppliers, a Human Rights Policy, an Environment Protection Policy, a Modern Slavery Statement, and a Conflict Minerals Report.



### **ESG GOVERNANCE**

For CSR and sustainability to result in significant change, it's necessary to have support at all levels in our organisation. **Our Sustainability Steering Committee** is represented by every part of our organisation and across each of the TPV business units.

Members of the Steering Committee are selected by their management team to represent their business unit. Together with workstream owners they discuss new projects and initiatives every eight weeks.



Sustainability Manager. These members are authorised to approve projects and budgets per business unit or overarching projects for all business units. - Meets every eight weeks to provide strategic advice

CSR & **Sustainability Department** 

Workstream owners and participants

- Managing the global strategy and coordinating projects.
- The Global CSR & Sustainability Manager is a member of the ESG Taskforce of TPV who advises the ESG Committee of TPV.

- defining projects/objectives/KPIs per BU.
- assist the owner of the workstream to reach deliverables.

### **ANTI-CORRUPTION AND BRIBERY**

AOC & MMD and its supply chain conducts its business in strict compliance with applicable laws and regulations, including national and international anti-bribery laws, and we expect the same from our business partners. Bribes are illegal payments or other types of compensation made to influence and gain profit from an individual, company or government official.

AOC & MMD and its employees shall not, and shall not attempt to, influence government policy or obtain or retain business or an advantage in the conduct of our business by offering or accepting illegal payments, bribes, kickbacks or other illegal methods.

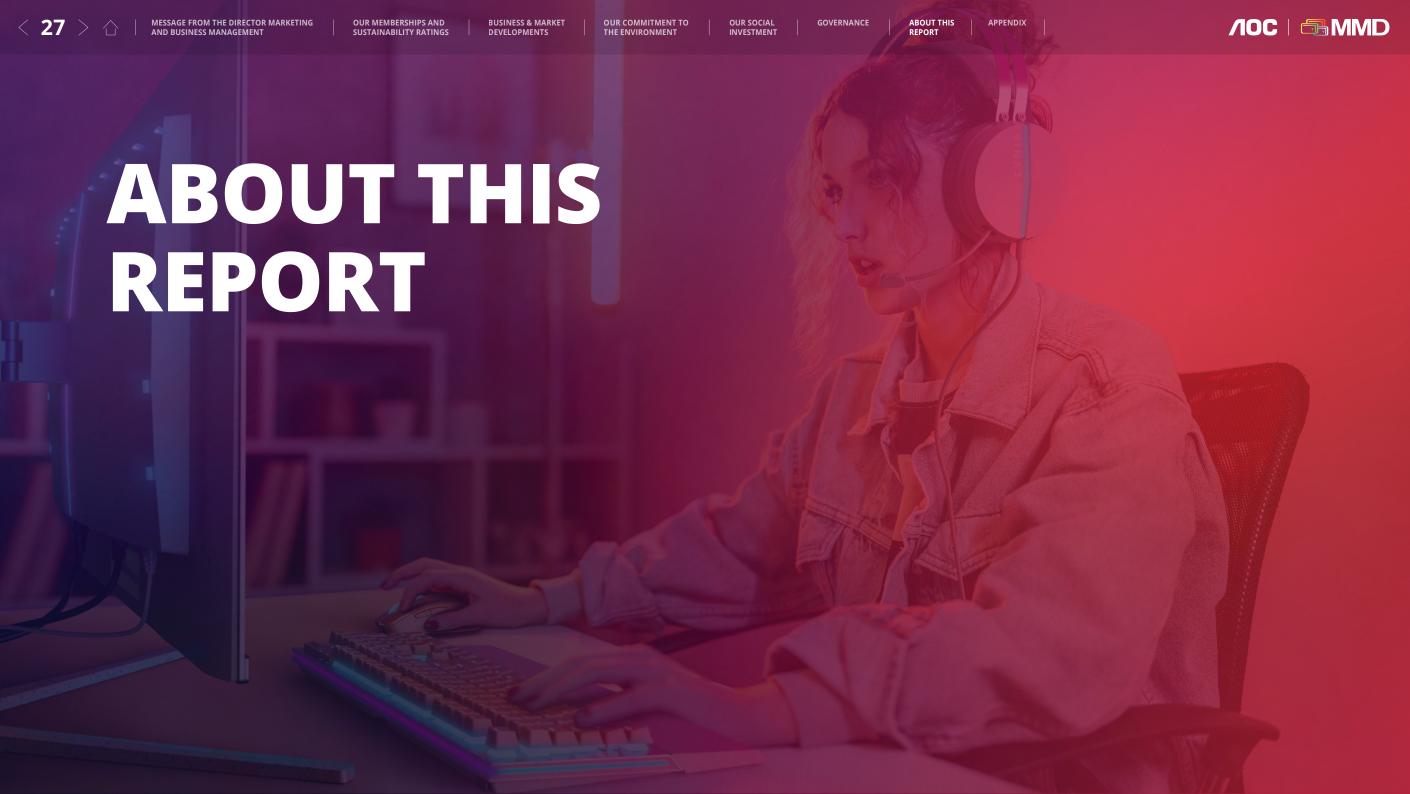
Anti-bribery laws including national laws adopted pursuant to the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions, the US Foreign Corrupt Practices Act and the UK Bribery Act 2010 prohibit, in general, the payment, offer or authorised gift of anything of value, either directly or through a third party to other persons or to government officials, political parties, politicians, or political candidates, public officers in state-owned enterprises, officials of a public international organisation or holders of a legislative, administrative or judicial position of any kind with the intent to obtain or retain. business, direct business to any person, obtain an improper business advantage or influence an official act or decision of such other person or government official.

These anti-bribery provisions apply not only to companies but also to individuals, such as employees. If an employee has actual knowledge of bribery, or if bribery is suspected, it is mandatory to report such information to AOC & MMD's independent compliance officer. The number of cases and reports regarding anti-corruption and bribery was zero in 2023.

### **DATA PRIVACY**

Data privacy is an important consideration in the workplace and when conducting a business. We respect customers' data privacy and their rights to the personal information gathered via our products and services. Data and privacy protection procedures are in place and communicated to our employees through regular trainings. All collected personal data is accessible only by authorised personnel and the data is handled in a confidential manner.

During the development of our products we use 'privacy by design' to limit the amount of personal data that is needed and to inform our customers about how their personal information is used. In May 2018, the General Data Protection Regulation (GDPR) was implemented in the EU. This is applicable for all companies that control and process personal information, and is subject to several requirements. These include having the right policies in place and entering data processing agreements with other organisations that process personal data on our behalf.



### **ABOUT THIS REPORT**

Thank you for reading AOC & MMD's CSR & Sustainability Report. The report covers key activities and accomplishments during the fiscal year 2024, January 1 2024 through December 31 2024.

We report annually on our efforts, and this year by means of an update report. In case of any questions regarding this annual report, please send an email to; stefan.vansabben@tpv-tech.com

#### **SCOPE OF REPORT**

- 1. AOC International (Europe) B.V.
- 2. MMD-Monitors & Displays Nederland B.V.

Keep up-to-date with AOC & MMD. Visit www.aoc.com and www.mmdmonitors.com.

#### **FEEDBACK AND CONTACT**

We are keen to improve the value of our reporting and therefore welcome comments on this document, and our sustainability information on the website. Please contact our Global CSR & Sustainability Manager Stefan van Sabben, stefan.vansabben@tpv-tech.com

#### **OTHER ESG POLICIES**

- Code of Conduct
- Human Rights Policy
- CSR Supplier Code of Conduct
- Modern Slavery Statement
- Environment Protection Policy
- Conflict Minerals Report

You can access these policies here.









### 1. 2024 CO<sub>2</sub> EMISSION OF AOC & MMD ENTITIES

	ACTIVITY	MMD MONITORS & DISPLAYS NEDERLAND B.V.  AOC INTERNATIONAL (EUROPE) B.V.	ENVISION PERIPHERALS, INC.	MMD SINGAPORE PTE. LTD.	MMD (SHANGHAI) ELECTRONICS TECHNOLOGY CO., LTD.	WUHAN ADMIRAL TECHNOLOGY LTD.	OVERALL	
		NETHERLAND	USA	SINGAPORE	SHANGHAI	WUHAN		
SCOPE 1 (TONES CO <sub>2</sub> E)	Natural Gas Stationary Combustion	10.39	13.79			43.04	67.22	
	Petrol Mobile Compubstion	29.55			1-	125.9	155.45	
	Scope 1 Direct Emissions	39.94	13.79	0-100	1-11/45	168.94	222.67	
SCOPE 2 (TONES CO <sub>2</sub> E)	Purchased Electricity (Location-Based Method)	28.64	25.95	42.7	109.21	92.72	299.22	
	Purchased Electricity (Market-Based Method)	8.86	25.95	42.7			77.51	
	Scope 2 Indirect Emissions (Location-Based Method)	28.64	25.95	42.7	109.21	92.72	299.22	
	Scope 2 Indirect Emissions (Market-Based Method)	8.86	25.95	42.7		-	77.51	

### 2. 2024 AOC & MMD ENTITIES RELATED ACTIVITY

MMD **MONITORS** & DISPLAYS NEDERLAND **ACTIVITY** B.V. OVERALL WUHAN AOC **ELECTRONICS** ADMIRAL INTERNATIONAL **TECHNOLOGY TECHNOLOGY** (EUROPE) B.V. CONSUMPTION UNIT NETHERLAND USA SINGAPORE SHANGHAI WUHAN Nm3 5,838 5,838 2,603 2,603 **NATURAL GAS** Therm 19,684 19,684 m<sup>3</sup> **PETROL** 12,241 54,890 Liter **ELECTRICITY** 32,808 65,872 79,959 194,435 171,864 544,938 kWh

MESSAGE FROM THE DIRECTOR MARKETING

### 4. 2024 CO<sub>2</sub> EMISSIONS OF AOC & MMD SUPPLIERS

ACTIVITY

UNIT

Tons CO<sub>2</sub>e

**SCOPE 1** 

**SCOPE 2** 

**TOTAL** 

TPV **ELECTRONICS** (FUJIAN) CO., LTD

TPV FUJIAN,

1,656.60

Tons CO<sub>2</sub>e

CHINA

30,721.41

32,378.01

TPV DISPLAY **TECHNOLOGY** (WUHAN) CO., LTD.

TPV WUHAN, CHINA

1,639.49 8,027.21

9,666.70

L&T DISPLAY **TECHNOLOGY** (FUJIAN) LTD

CHINA

4,635.88

BRAZIL

**OVERALL** 

ALL CHINA BRAZIL 3,557.08 1,940.73 5,497.81 43,855.25 43,123.51 46,680.59 2,672.47

### 5. 2024 GHG ACTIVITY DATA OF AOC & MMD SUPPLIERS

	2024 ACTIVITY DATA						OVERALL			
CONSUMPTION	UNIT	TPV FUJIAN, CHINA	TPV WUHAN, CHINA	L&T, CHINA	TPV BRAZIL, BRAZIL	ALL 4 SUPPLIERS	CHINA 3 SUPPLIERS	BRAZIL 1 SUPPLIER		
NATURAL GAS	$\overline{m^3}$	185,159.13	487,575.27		- 355,000	672,734.40	672,734.40	-		
LIQUEFIED PETROLEUM GAS	Kg				320	320.00		320		
GASOLINE	Kg	33,622.71	6,897.31	6,837.69	2,583.19	49,940.90	47,357.71	2583.19		
DIESEL OIL	Kg	10,682.09		10,614.22	-	21,296.32	21,296.32	-		
ACETYLENE	Kg	- 10		JUNE	72	72.00	925-116	72		
CO <sub>2</sub>	Kg		6.00		594	600.00	6.00	594		
R22	Kg	10.00	60.00	299.73	136	505.73	369.73	136		
R123	Kg	200.00		1,814.00		2,014.00	2,014.00			
R404A	Kg	10.00		11.00	824.90	845.90	21.00	824.90		
R23 OR R32 OR R134A OR R407C	Kg	-		16.65	232.5	249.15	16.65	232.5		
HCFC-123	Kg				-					
HCFC-227EA	Kg									
SEPTIC-TANK BOD(CH4)	Kg	80,039.35	32,443.60			112,482.95	112,482.95	-		
SOLVENTES	L	-10000000000000000000000000000000000000	-		18,800.00	18,800.00	-	18,800.00		
PURCHASED ELECTRICITY	kWh	57,251,977.00	14,959,383.56	8,152,986.30	12,848.12	80,377, 194.98	80,364,346.86	12,848.12		



# 10C MMD