



Universal Display Corporation

2021 Corporate Social Responsibility Report





Table of Contents

3	Message from Our CEO
4	Our Company
9	Our Innovation & Products
16	Our People
27	Our Community
31	Our Supply Chain
39	Our Certified Management Systems
42	Our Carbon and Climate
46	Our Environment, Health & Safety
55	Our Performance
62	SASB Index
65	About Our Report



Looking back on the year, I am proud of how Universal Display Corporation (UDC) and our people continue to adapt and grow in this ever-evolving world with strength, generosity and resilience. 2021 was a year filled with innovation and persistence, flexibility and advancements, as well as challenges during this ongoing pandemic. Throughout the organization, we continue to move swiftly to implement measures to safeguard our employees, customers and communities, while ensuring the safe and efficient operations of our facilities.

UDC is focused on maintaining and exceeding the high standards we have set in key areas of governance, community, quality, environment, health and safety. In 2021, we achieved ISO 45001:2018 certification, an internationally recognized standard that emphasizes the continual improvement of an Occupational Health and Safety Management System. This certification validates our best practices to increase safety, reduce workplace risks and enhance health and well-being at work. I am extremely pleased with the UDC team and their continuous efforts to ensure wellness and welfare in the workplace. This certification, coupled with our ISO 9001 and ISO 14001 certifications, reinforces our corporate commitment towards best international practices.

Energy-efficiency and sustainability are key cornerstones of our R&D roadmap. The discovery of UDC's proprietary phosphorescent technology was a major breakthrough for the OLED industry. With efficiencies that are up to four times higher than conventional fluorescent OLED materials, UDC's patented and award-winning phosphorescent OLED technology and UniversalPHOLED materials are proven, and integral to enabling high-performance, low-power consumption and energy-efficiency in OLED displays and lighting. In addition to phosphorescence, we recently broadened our energy-efficiency roadmap with our groundbreaking Plasmonic PHOLED architecture, which is expected to further extend the lifetime and enhance the efficiency of OLED panels.

As a leader in the OLED ecosystem, UDC supports an expanding range of educational initiatives designed to inspire and encourage future generations interested in Science, Technology, Engineering and Math (STEM) fields. We established the *UDC, Inc. PHOLED Scholarship* in 2020, which aims to support a graduating Ewing High School student (the New Jersey town where UDC is headquartered) pursuing a degree in a STEM

field. UDC also has partnered with the Smith Family Foundation to promote educational excellence in the Trenton, N.J. area. We continue to award two annual grants in South Korea to recognize outstanding individuals or teams that have demonstrated innovative ideas or research initiatives impacting the organic electronics industry.

In 2022, we expanded our support of educational initiatives and are sponsoring registration scholarships for ten graduate students to attend and present at MARM (Middle Atlantic Regional Meeting) of the American Chemical Society. Additionally, we are sponsoring twenty scholarships to support students in grades 8-12 to attend Rutgers University's Global Entrepreneurship Experience Teen Camp. During the weeklong camp, students learn about the following: Teamwork + Leadership; STEAM + Sustainability; Communication skills; Design + Innovation; Marketing + Research; Career exploration; Etiquette + Networking; Social Media Branding; and Agility + Resiliency.

For over two-and-a-half decades, we have focused on cultivating and fostering a global culture that promotes inclusion, inventiveness, integrity and imagination. We also endeavor to contribute to creating a sustainable and low-carbon future through our energy-efficient portfolio of OLED solutions. During this past year, we were named by *Newsweek* as one of America's Most Responsible Companies for the second year in a row, awarded a Silver Rating for corporate social responsibility from EcoVadis, a leading provider of business sustainability ratings, and recognized again by The Forum of Executive Women as a Champion of Board Diversity.

As OLED momentum continues to build, we are incredibly excited about our leadership position in this ecosystem. As an integral part of the OLED market, our mission is to continue enabling an energy-efficient and eco-friendly consumer world and making positive contributions to the industry, the communities around us and the planet that we share.

Steven V. Abramson
President and Chief Executive Officer

Message from Our CEO





Our Company



Universal Display Corporation

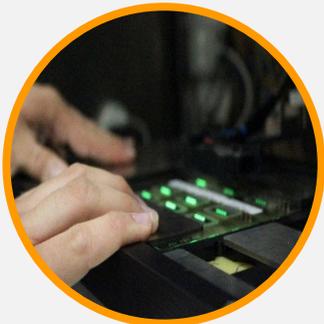
**Critical OLED
Innovator &
Enabler**



**Highly Energy-
Efficient
PHOLED**



**OLED Materials
Supplier & IP
Licensor**



**5,500+ Global
Patents***



* Pending and Issued Patents Worldwide as of February 4, 2022



UDC's Energy-Efficient Phosphorescent Materials: 100% UniversalPHOLED® emitters save energy and are produced responsibly by PPG with stringent manufacturing and supply chain practices



Diverse & Inclusive Workplace: Geographically (from more than 25 countries), culturally and gender-wise (22% female and 78% male) diverse



Board of Directors: 1/3 Female, 2/3 Male
Named a *2021 Champion of Board Diversity* by The Forum of Executive Women



Community Outreach: UDC supports a range of global educational initiatives, community service organizations and an employee charity matching program



Strong Y/Y Growth (2021/2020):

Revenue: ↑ 29%
\$554M (2021)

Cash*: ↑ 13%
\$823M (2021)

Dividend: ↑ 33%
\$0.80 (2021)

Headcount*: ↑ 17%
409 employees (2021)



EcoVadis Silver Sustainability Rating 2021

Financial Times' The Americas' Fastest-Growing Companies 2021

Newsweek's America's Most Responsible Companies 2022

Forbes' America's Best Mid-Size Companies 2022

* Cash, cash equivalents and short-term and long-term investments and full-time employee headcount are as of December 31, 2021.

UDC Highlights



About Our Company

Universal Display Corporation is lighting up the OLED (organic light emitting diode) revolution with its proprietary OLED technology and highly-efficient, state-of-the-art UniversalPHOLED phosphorescent OLED materials. Founded in 1994, UDC is a leading IP innovator, technology developer, materials supplier and patent licensor for the rapidly growing OLED display and lighting markets. UDC's OLED technology can be found in virtually every full-color commercial OLED product in the marketplace from smartphones and IT to wearables and TVs to VR/AR, automotive, gaming, signage and solid-state lighting fixtures.

Universal Display's Mission:

UDC's mission, as a key enabler in the OLED ecosystem, is to support the growth of the OLED industry with its broad and deep experience and know-how, proprietary OLED technologies, and energy-efficient UniversalPHOLED emissive material systems, while maintaining high standards in governance, community, quality, environment, health and safety.

FAST FACTS:

Corporate Headquarters: Ewing, NJ, U.S.

Subsidiaries: UDC, Inc.; UDC Ireland Limited; Adesis, Inc.; OVJP Corporation; UDC Ventures LLC; Universal Display Corporation China Ltd.; Universal Display Corporation Hong Kong, Limited; Universal Display Corporation Japan GK; Universal Display Corporation Korea, Y.H.; OLED Material Manufacturing Limited, and a representative office in Taiwan.

Founded: 1994

Revenue: ~\$554 million (CY 2021)

Employees: ~409 (CY 2021)

Nasdaq Symbol: OLED

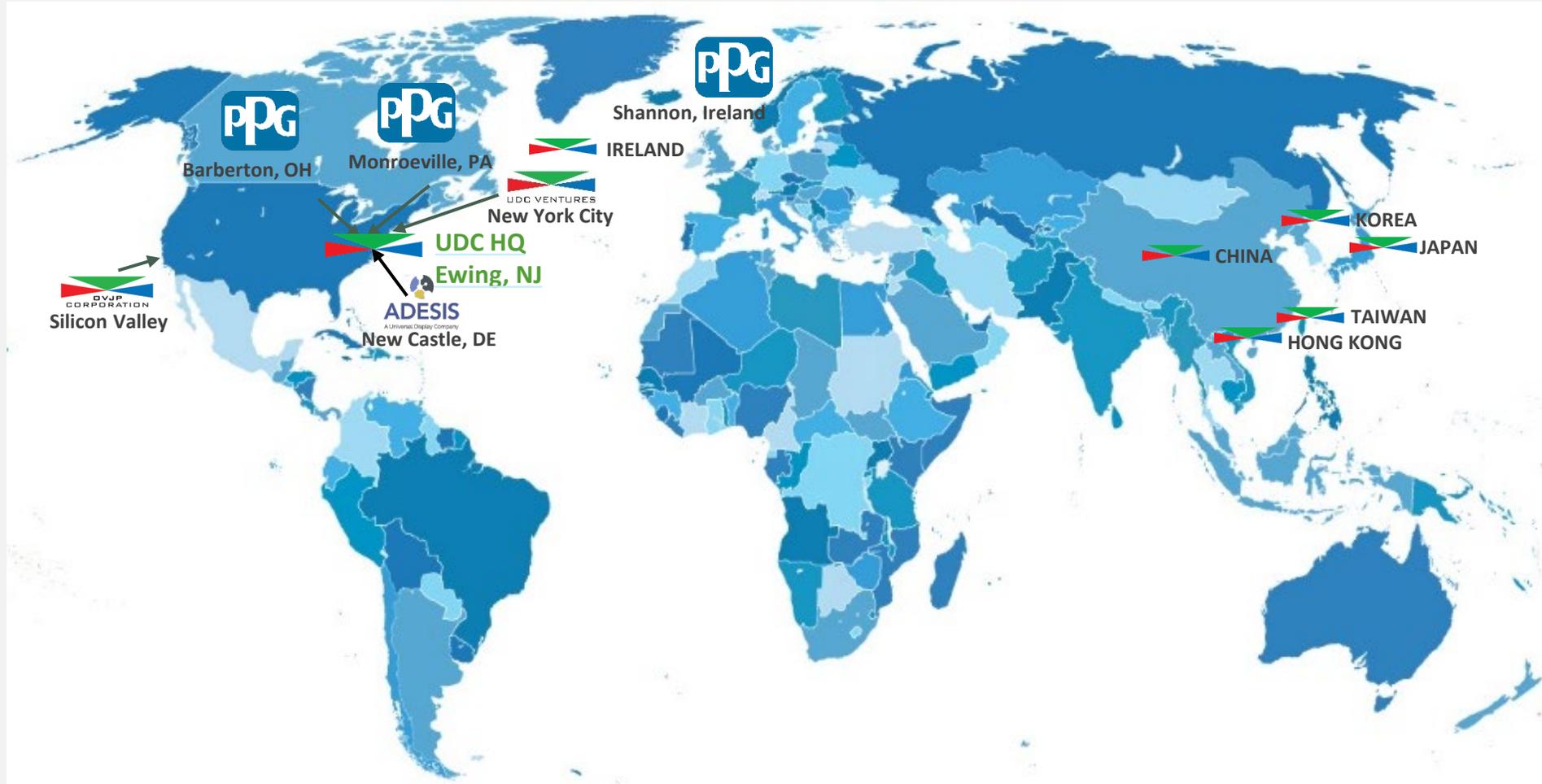
Patents: 5,500+ (issued & pending patents worldwide, as of February 4, 2022)

ISO Certifications: ISO 9001 (since 2009), ISO 14001 (since 2018), ISO 45001 (newly achieved in 2021)



Our Global Presence

UDC is headquartered in Ewing, NJ, with offices around the world. Our proprietary UniversalPHOLED materials are made at our manufacturing partner PPG's Monroeville, PA and Barberton, OH facilities, and in the middle of 2022, we expect to start-up our new Shannon, Ireland manufacturing site, which is operated by PPG.





Our Innovation & Products



Our Energy-Efficient Emitter Products

Responsible for improving the **ENERGY EFFICIENCY** and **REDUCING POWER CONSUMPTION** of OLED displays and lighting products in a myriad of consumer products:

- Smartphones and IT products
- OLED TVs
- Wearables, AR/VR, Automotive and Gaming
- A variety of other display and solid-state lighting products

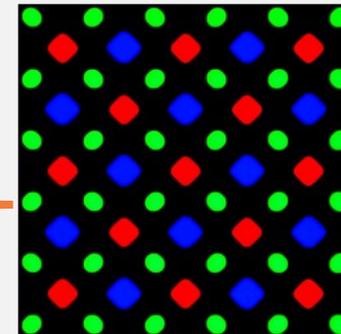
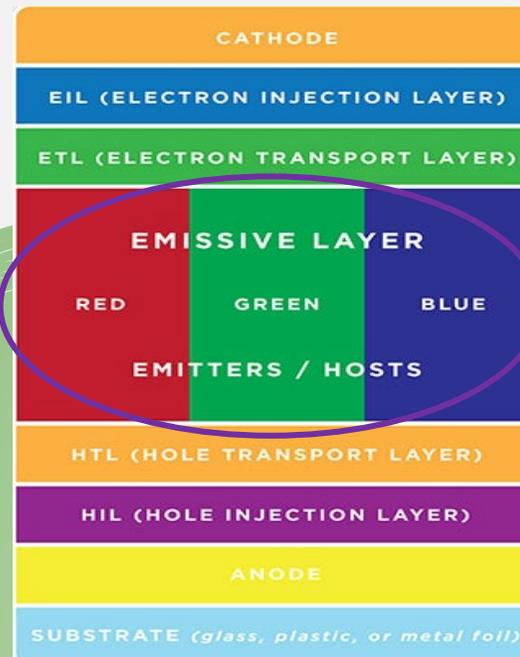


Image source: DisplayMate



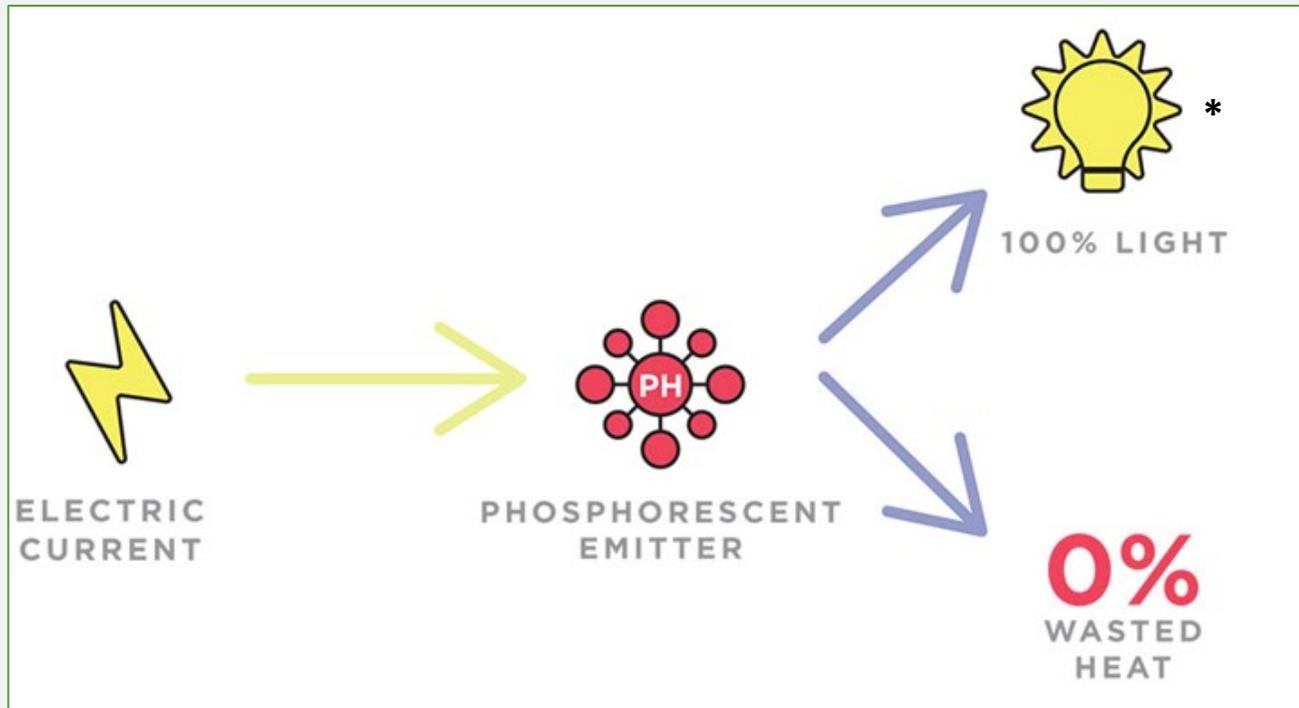
Image source: Samsung

Note: For illustrative purposes only.



UniversalPHOLED[®] = Energy Efficiency

With energy efficiencies that are up to four times higher than conventional fluorescent OLED materials, UDC's patented and award-winning phosphorescent OLED technology and materials are integral to enabling low power consumption in OLED displays and lighting.



Phosphorescent Emitters

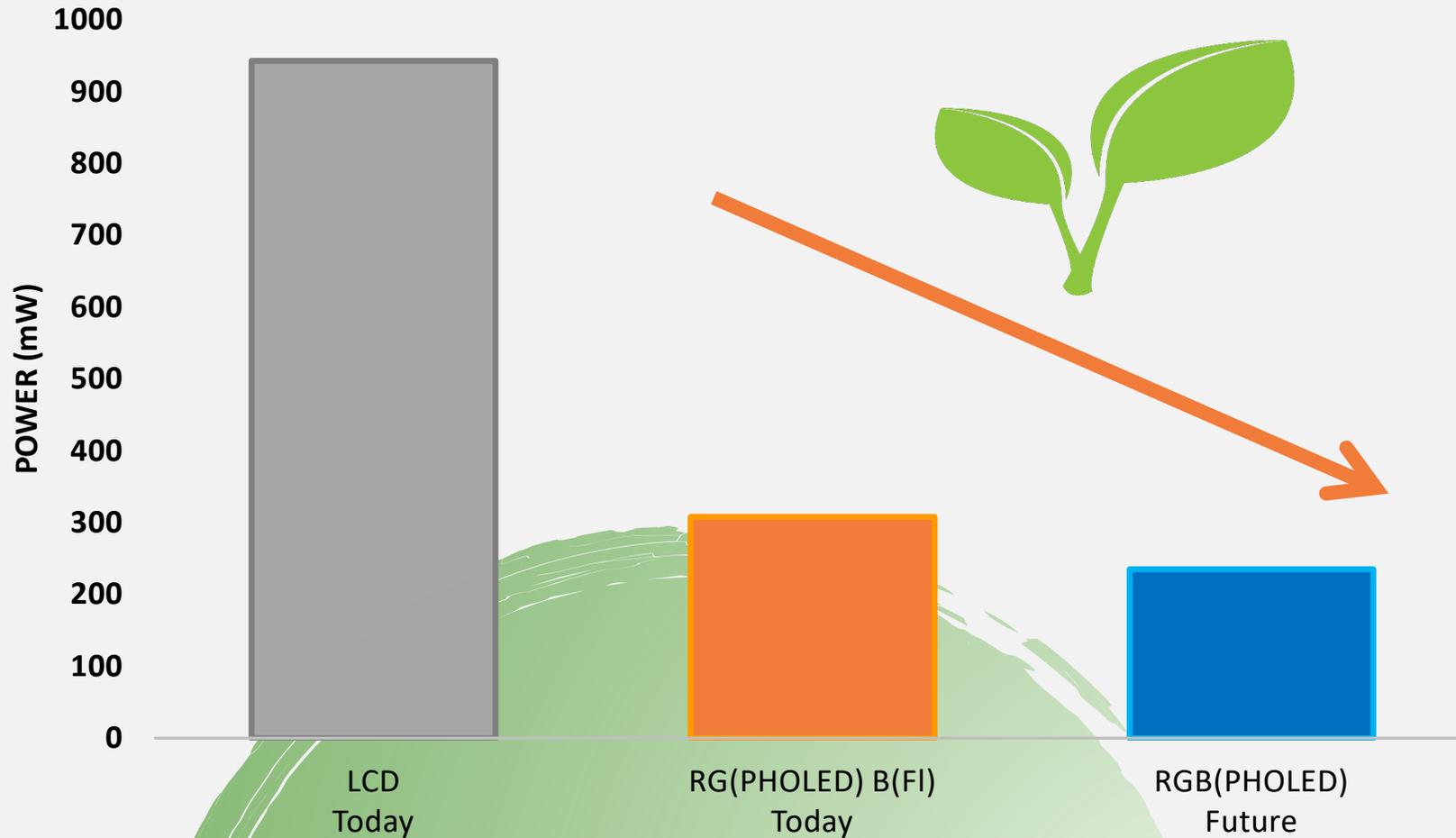
- ✓ Enables energy efficiency
- ✓ Reduces requirements for heat dissipation components
- ✓ Increases lifetime
- ✓ Lowers product cost

*100% Internal Quantum Efficiency

[M. A. Baldo et. al., Nature, 395, 151 \(1998\)](#)



Our PHOLED Power Roadmap Supports Sustainability



UDC is continuously inventing and developing new and next-generation PHOLED materials with **higher energy-efficiencies** for reduced power consumption and enhanced sustainability

Notes: Based on a 5.0" OLED display and comparable contrast LCD operating at 600 cd/m² with video (50% pixels on). LCD data based on published smartphone display power consumption data. PHOLED data is based on UDC estimates. PHOLED=Phosphorescent, FI=Fluorescent



Design for Environment



Design for Energy Efficiency: Our UniversalPHOLED emitters reduce energy consumption by >50% (compared to LCDs) in smartphones, TVs and other consumer electronics.



Design for Environmental Processing and Manufacturing: Our processes are designed to 1) minimize waste, hazardous by-products, emissions and energy use, 2) protect our workers and the environment, and 3) recycle/re-use certain raw materials, process streams and finished products.



Design for Environmental Packaging: Our packaging is environmentally friendly, as described in [UDC's packaging policy](#).

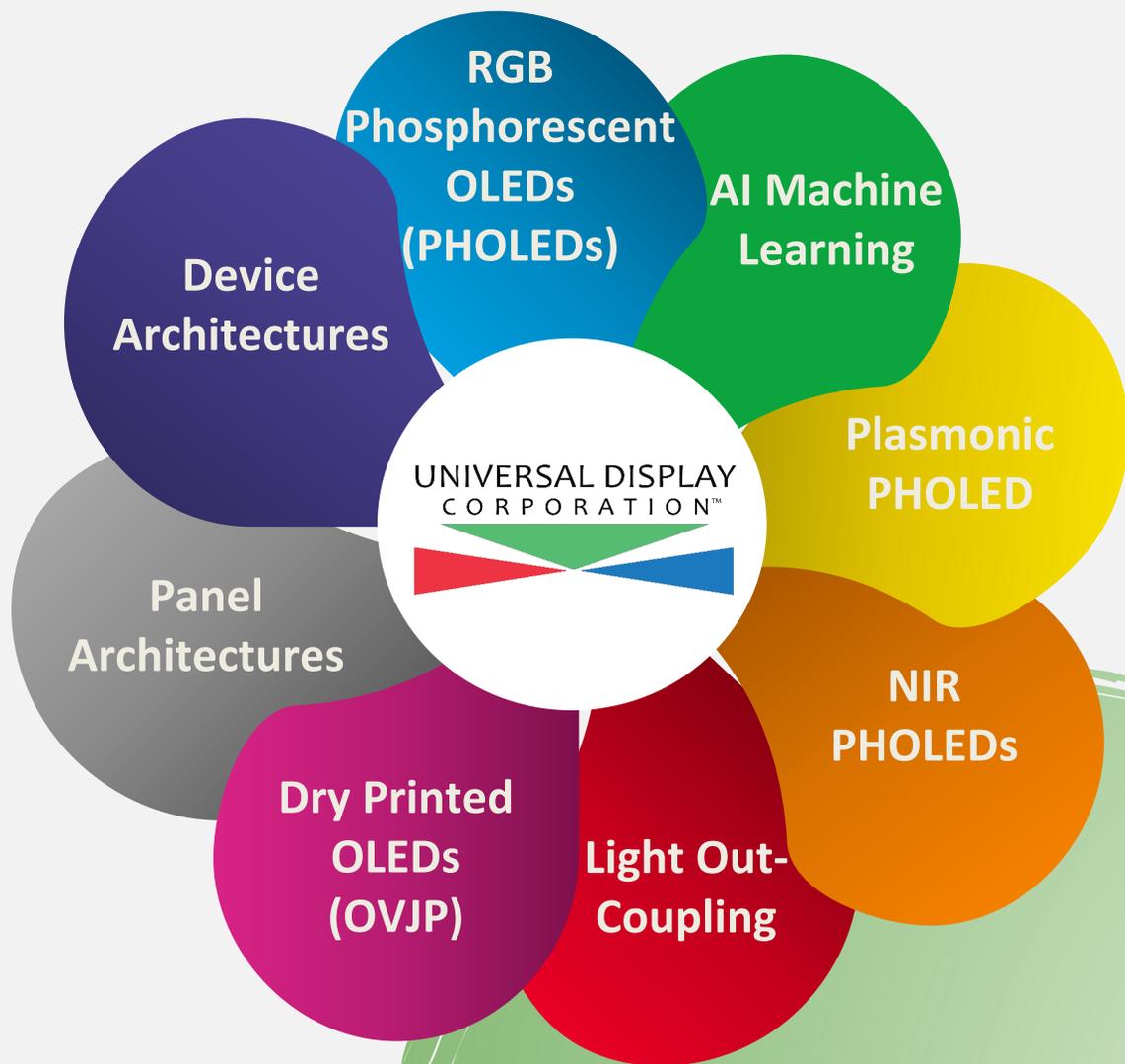


Design for Disposal or Reuse: Our products' end-of-life is managed responsibly by UDC and its customers.





Our Proprietary OLED Technology Platforms



- We develop and license enabling technologies that are at the heart of consumer OLED products worldwide, from AR/VR, smartwatches, smartphones, IT, automotive, gaming and TVs, to lighting products.
- We believe that our extensive portfolio of patents, trade secrets and non-patented know-how enable our continued leadership position in the OLED ecosystem.
- Our R&D innovations allow us to continuously bolster the depth and breadth of our global OLED intellectual property framework, which stands at over 5,500 issued and pending patents worldwide (as of February 4, 2022).

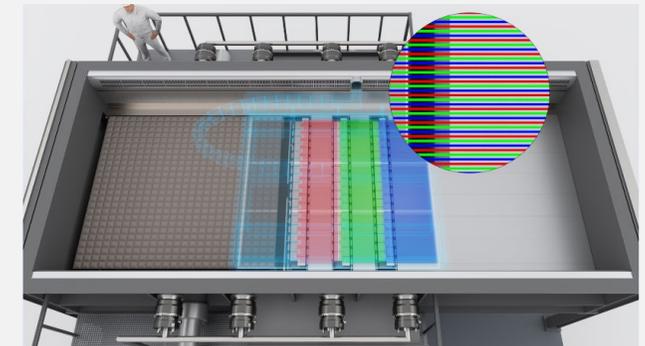


Investing in Continuous Innovation

Innovation is in Universal Display Corporation's DNA. Across the Company, we are continually building and expanding our core competencies to accelerate and advance our material and technology initiatives, including by:

- Growing our R&D pipeline
- Further expanding our global partnerships
- Increasing our local technical field capabilities and research areas
- Fortifying our new product development engine
- Broadening the breadth and depth of our proprietary energy-efficient phosphorescent technology and materials portfolios, including state-of-the-art red, green, yellow and blue PHOLED emitters and hosts
- Advancing our next-generation manufacturing technologies, such as organic vapor jet printing (OVJP)
- Developing paradigm-shifting OLED device designs and system architectures

We believe that our strategic initiatives will strengthen and support our customers' successes and, in turn, our long-term success.





Our People

UNIVERSAL DISPLAY CORPORATION™



R



UDC's global workforce is truly diverse, both geographically and culturally



ADESIS
A Universal Display Company



Our subsidiary, Adesis, Inc., is an integral part of UDC's OLED chemistry team and serves as a contract research organization (CRO) supporting the pharmaceutical, biopharmaceutical, biomaterials and catalysts industries



UDC Wholly-Owned Subsidiaries

OVJP Corporation is advancing the commercialization of UDC's groundbreaking, mask-less, solvent-less, organic vapor jet printing (OVJP) manufacturing technology for large-area OLEDs.



UDC Ventures is the corporate venture arm of Universal Display Corporation.





About Our Workplace

At Universal Display Corporation, we know that our hardworking team of brilliant employees with their commitment to excellence is critical to the Company's continued success.

With approximately 400 scientists, engineers, technicians and business professionals from more than 25 countries and 5 continents, UDC has a global team that is truly diverse, both geographically and culturally.

UDC's leadership is committed to:

- Diversity and inclusion
- Ethical conduct, integrity and legal compliance
- Competitive compensation and benefits
- Employee development and training

UDC's Executive Management Team



Steven V. Abramson
President, Chief Executive Officer and Director



Sidney D. Rosenblatt
Executive Vice President, Chief Financial Officer, Treasurer, Secretary and Director



Julia J. Brown
Executive Vice President and Chief Technical Officer



Janice K. Mahon
Senior Vice President, Technology Commercialization and General Manager, Commercial Sales Business



Mauro Premutico
Senior Vice President, Planning and General Manager, Licensing



Our Commitment to Diversity and Inclusion

UDC's commitment to diversity and inclusion is instilled in our employees from their first day at UDC. Employees receive regular training to provide knowledge, insight and skills to work in a diverse environment and inclusive culture.

Equal Opportunity Employer

WE ARE AN EQUAL OPPORTUNITY EMPLOYER. We consider applicants for all positions without regard to race, gender, age, color, religion, creed, disability, national origin, ancestry, citizenship, military status, veteran status, atypical heredity cellular or blood trait, genetic information, sexual orientation, gender identity, marital status, family status, domestic partner or civil union status or membership in any other protected group.

Diversity and Inclusion

We are committed to creating a workplace that encourages and embraces diversity and inclusion (see next page). We have employees from over 25 countries around the world, and our workforce is gender diverse with 22% female and 78% male. We foster a culture where all employees feel valued and empowered. We value and respect one another for our differences at all levels.

We believe that a diverse workforce where people have different ideas, strengths, interests and cultural backgrounds drives employee and business success.





About Our Workforce

Universal Display Corporation Employees (as of December 31, 2021)

	TOTAL	UDC, Inc.*	Adesis, Inc.
Global Employees (Full-Time)	409	263	146
Employees in the U.S.	367	221	146
% Employees in U.S.	90%	84%	100%
% Employees outside the U.S.	10%	16%	0%
% Female Employees (U.S.)	22%	22%	22%
% Male Employees (U.S.)	78%	78%	78%
% US Female Leaders (Director +)	29%	17%	55%
% US Male Leaders (Director +)	71%	83%	45%
% Female Employees in Tech Roles (U.S.)	15%	14%	17%
% Male Employees in Tech Roles (U.S.)	85%	86%	83%
# Countries of Origin	>25		

*Includes employees of all Universal Display Corporation subsidiaries, except those employed by Adesis, Inc., which are noted separately.

Growing Headcount in a Growing Company

	2019	2020	2021
Global Employees (Full-Time)	309	349	409**
Turnover Rate	7.3%	5.3%	13.5%
Y/Y Growth Rate	16.7%	12.9%	17.2%

**As of Dec 31, 2021, our headcount included 409 full-time employees and 8 part-time employees.

- Our headcount has increased by ~30% in the past two years



Commitment to Ethics and Compliance

- **Business Ethics:** We strive to maintain the highest standards of corporate governance and ethics, and to operate in compliance with all applicable laws wherever we work.
- **Human Rights:** We conduct all our activities in accordance with accepted standards in the protection and promotion of human rights.
- **Employee Safety:** Our priority is the safety of every employee.
- **Employee Livelihood:** We provide a rewarding and meaningful livelihood to our employees.
- **Workplace Environment:** We are committed to providing a workplace where everyone is treated with respect and dignity. Our [Code of Ethics and Business Conduct](#) outlines our commitment to maintain a culture of ethical conduct, integrity, and legal compliance. We require employees to acknowledge the terms of our Code of Conduct upon employment and annually thereafter.
- **Employee Reporting (Whistleblower) Program:** Employees can report concerns and complaints without the fear of retaliation or dismissal, and anonymously if desired, through internal company channels or via an online process administered through a third-party. This policy is clearly set forth in our Code of Conduct and distributed to employees on an annual basis.



Rewarding Our People

Competitive Compensation and Benefits

UDC's success depends on attracting and retaining an engaged workforce. To accomplish this, we offer all our employees a comprehensive benefits package.

UDC's compensation philosophy is to provide market-competitive salaries, bonuses and benefits by rewarding employees based on their strong individual and business performance as well as the Company's mutual success. In 2021, our bonus plan covered all employees. UDC employee bonuses consisted of cash and equity (with equity investing over a 3-year period).

- Our comprehensive benefit programs are designed to meet the diverse needs of our global workforce, which varies by country. Our US-based healthcare benefits program extends coverage for domestic partners of employees and their children. Our programs are structured to provide our employees with an opportunity to meet their healthcare, financial, time-off and retirement needs.
- Our financial benefits include flexible spending accounts, UDC-provided short- and long-term disability, group term life insurance and a 401(k) plan with an automatic 3% non-elective Company contribution for all eligible employees. US-based employees can share in the Company's growth through the Employee Stock Purchase Plan (ESPP). The ESPP allows employees to purchase Company common stock at a 15% discount through convenient payroll deductions.
- We offer generous paid time-off programs, including holidays, vacation, sick time and leave.
- We offer comparable benefits to our international employees, though some variances by country exist based on UDC policies, applicable laws and local practices.





Investing In Our Team



UDC supports initiatives to train our employees and support their professional and leadership development; to make the workplace a safe, healthy and fun environment in which to work; and to encourage ideation for continual improvement.

Performance Management

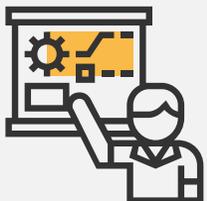


UDC is committed to all employees fulfilling their potential, while contributing to the success of the Company. All employees are encouraged to manage their career and professional development through continuous performance management. During annual performance reviews, managers and employees are encouraged to discuss employee strengths, career aspirations and development focus areas.



Employee Development

Given the highly technical nature of our business, approximately 70% of our employees work in technical roles. Our success is contingent on our ability to attract talented employees, but also grow, stimulate and develop this talent. We encourage all individuals to work on their personal development by using a blend of formal training, reflection, feedback, experience and on-the-job training. UDC reimburses employees for business-related certifications and membership dues, ongoing certification credits, and relevant industry conferences and seminars.





Engaging Our Workforce

As UDC continues to grow, we invest heavily to train, develop and grow our team. We listen, too, so that we can improve and continue to build and sustain a productive and thriving workforce.



Communication is Critical

At UDC, we believe communication is critical. We encourage cross-company communication and knowledge sharing. Our open-door policy provides employees a channel for questions, concerns and suggestions. Every week, our CEO engages in open dialogue with gathered employees at a company-hosted lunch at our Ewing HQ* to provide company and industry updates and to celebrate employee milestones (e.g., birthdays, work anniversaries, weddings and births). These talks are shared globally via our intranet. Biannually, our domestic and international teams unite at HQ* for a week of hands-on meetings and corporate outings. We advocate a company culture of open and honest communication at all levels of the organization.



Employee Engagement

In March 2021, we conducted an Employee Engagement Survey through an expert third-party provider, ensuring employee confidentiality, as well as an opportunity to benchmark our performance against a global database.

- > 70% of UDC domestic and international employees (excluding Adesis), participated
- > 9 for overall employee engagement and employee satisfaction, on a scale of 0 – 10 (highest) and scores were above the global customer scores by over 1 point. *Organizational Fit, Reward* and the *Process for Rewards* were areas of strength

We established a Continuous Improvement focus group of UDC employees after this engagement survey to reinforce our commitment to employees that we are listening and value dialogue and employee input. Our next engagement survey is planned for the first half of 2023.

*Due to the pandemic, these events/meetings have been held virtually.





Our Community



Community: Inspiring the Next Generation

As a leader in the OLED ecosystem, we support a range of educational initiatives designed to inspire and encourage future generations interested in the Science, Technology, Engineering and Math (STEM) fields:

- We host on-site tours and talks with students from local schools*
- During our annual *Take Your Child to Work Day*, our scientists, engineers and technicians create a program of experiments (for various age groups) to provide hands-on and interactive “science in action” experiences*
- In 2017, Universal Display instituted the following grants in South Korea:
 - *UDC Innovative Research Award in Organic Electronics*
 - *UDC Pioneering Technology Award in Organic Electronics*

These annual award grants recognize outstanding individuals or teams that have demonstrated innovative ideas or research initiatives impacting the organic electronics industry. The winners are selected by IMID (International Meeting on Information Display) and KIDS (Korean Information Display Society).

- In 2022, Universal Display is sponsoring MARM (Middle Atlantic Regional Meeting) of the American Chemical Society to support registration scholarships for 10 graduate students to attend and present at [MARM 2022](#).

*Due to the pandemic, UDC was unable to host on-site events in 2021.





Community: Inspiring the Next Generation

Local Schools

UDC renewed its partnership with Ewing High School in Ewing Township, NJ (where UDC HQ is located) to inspire today's students to become tomorrow's innovators. In 2019, UDC instituted an annual *UDC, Inc. PHOLED Scholarship* to be awarded to a college-bound student pursuing a degree in the STEM field. In 2021, UDC again awarded a \$20,000 scholarship.

Local Communities

UDC renewed its commitment with a \$25,000 grant to the Smith Family Foundation, whose mission is to promote educational opportunities, cultivate leaders and transform lives by providing funding and leadership development to the Trenton, NJ area.

Local Universities

UDC participates annually in the Research Experience for Undergraduates (REU) and Princeton University Materials Academy (PUMA) programs, sponsored by Princeton Institute for the Science and Technology of Materials (PRISM) and Princeton Center for Complex Materials (PCCM).*

In 2022, UDC is sponsoring 20 scholarships to support students in grades 8-12 to attend Rutgers University's [Global Entrepreneurship Experience Teen Camp](#) with a donation of \$10,000. During the weeklong camp, students learn about the following: Teamwork + Leadership; STEAM + Sustainability; Communication skills; Design + Innovation; Marketing + Research; Career exploration; Etiquette + Networking; Social Media Branding; and Agility + Resiliency.

*Due to the pandemic, UDC was unable to host on-site events in 2021.





Fostering Community Outreach

Community Participation

Community engagement is an important part of who we are. We are dedicated to making positive and significant impacts in our local community. UDC fosters a culture that encourages making meaningful contributions to organizations in our community.

Company-sponsored activities throughout the year include:

- Clothing, food, female health, pet shelter and holiday collection drives*
- Preparation and donation of care packages for troops stationed abroad
- Weekly meal donations to a local soup kitchen
- Support of community-based organization that helps special needs people thrive

*Due to the pandemic, UDC was unable to host its regular on-site donation drives. In lieu of those drives, UDC made monetary donations to community organizations in 2021.

Employee Charitable Match Program

UDC's Charitable Match Program encourages and supports causes and organizations that are important to its employees. The Company matches employee donations dollar-for-dollar to eligible nonprofit organizations**, up to \$2,500 per year for each full-time employee.

**Participating nonprofits must be tax-exempt charitable organizations under Internal Revenue Code 501(c)(3) for US-based donations.





Our Supply Chain



UDC's Global Supplier Code of Conduct

- Comply with all applicable laws, rules and regulations of suppliers' countries of operation, including, but not limited to, all applicable trade agreements, antitrust and fair competition, anti-corruption, employment, working time, health and safety, collective bargaining, product safety and environmental laws, regulations and practices
- Provide a safe and healthy working environment free from discrimination, harassment or abuse
- Prohibit forced or compulsory labor
- Prohibit use of child labor by adhering to minimum employment age requirements
- Pay applicable legal wages and benefits to all employees at levels required in the industry
- Protect the environment by endeavoring to reduce the use of hazardous materials, the generation and discharge of waste streams, and the use of energy and other non-renewable resources. Encourage conservation, reuse and recycling.
- Respect and protect confidential and intellectual property including information, processes and technology. Comply with all UDC requirements for maintaining passwords, security and privacy.
- Avoid improper reciprocal agreements, including anything that could have the appearance of a conflict of interest
- Avoid insider trading by not buying or selling UDC or any other company's securities when in possession of information that is not available to the investing public
- Maintain accurate and honest financial, employment and other relevant business records

UDC expects its suppliers to provide information to UDC as reasonably requested and UDC maintains the right to audit its suppliers for such compliance.



Our Supply Chain



Raw Material Supply

- Managed by PPG using their strong sourcing practices, including use of EcoVadis Supplier Survey



PPG Manufacture

- Exclusive supplier to UDC
- Excellent ESG programs and values
- EcoVadis Gold Rating



UDC Qualification

- 100% quality testing
- EcoVadis Silver Rating



UDC Customers

- World-class OLED display manufacturers, many of whom are leaders in ESR initiatives

- UDC develops and distributes energy-efficient PHOLED products (manufactured exclusively by PPG, our partner of 20+ years) in a safe, environmentally- and socially-responsible manner
- UDC expects PPG and its Supply Chain for UDC Products to conduct business in a manner consistent with UDC's [Code of Ethics and Business Conduct](#) and [Global Supplier Code of Conduct](#) (see prior slide)
- PPG is a leader in Environmental, Social and Governance (ESG) practices (see next slides)
- PPG holds a Gold Rating (among top 6% evaluated) from EcoVadis, a leading provider of business sustainability ratings, earning high scores for environmental and ethical practices, after assessing approximately 1,000 key suppliers (including suppliers for UDC's products)



Our Core Objectives

Our Core Objectives

- Deliver commercial and development products from PPG to UDC cost-effectively, on-time, every time in an environmentally- and socially-responsible manner
- Assure consistent product high quality
- Deliver products and support to our customers' satisfaction

Supply Chain Objectives

- Work closely with PPG to ensure that PPG and its Supply Chain for UDC products conduct business in a manner consistent with our policies
- Comply with all relevant international EHS regulations as well as internal customer requirements
- Improve EcoVadis scores and continually improve
- Listen to our valued and varied stakeholders who play an important role to help us to continually improve our management systems and achieve our objectives



UDC-PPG Shared Business Values

We are proud to work with PPG, our strong partner of 20+ years. PPG has a very robust value system that aligns closely with UDC's.



UDC and PPG share the following values:

- Operate safe, healthful workplaces that value diversity, promote teamwork and reward performance
- Conduct business and operations ethically and compliantly
- Minimize the impact of our operations on the environment
- Deliver inventive products and solutions that help our customers maximize the performance of their assets, minimize environmental impact and preserve and protect the environment
- Partner with suppliers and customers to create value
- Deliver positive change to the communities where we operate

[PPG's Supplier Code of Conduct](#) and [PPG's 2021 Corporate Responsibility Report](#) can be accessed via [PPG's website](#).



PPG: Leader in Business and Sustainability

PPG has earned the following recognitions and awards, reinforcing and encouraging its commitment to industry-leading business and sustainability practices:

- #3 on 2021 FORTUNE® World's Most Admired Companies list in their industry and #220 on the *Fortune* 500
- #11 in Materials and Chemical category on *Newsweek's* America's Most Responsible Companies list 2022
- *Forbes* 2021 Best Employers for Women and *Forbes* 2022 America's Best Employers
- #17 on *ICIS Chemical Business Magazine's* Top 100 Chemical Companies list
- #84 on *IndustryWeek's* U.S. 500
- AA rating by MSCI for ESG practices
- EcoVadis Gold Rating
- 74th on the Corporate Knights' CLEAN200™ global list
- FTSE4Good Index Series for the 3rd year
- Perfect score on Human Rights Campaign (HRC) Foundation's 2022 Corporate Equality Index

Read PPG's full sustainability report at sustainability.ppg.com





Universal Display's Conflict Mineral Policy

UDC is committed to responsible and ethical business practices, as expressed in our [Code of Ethics & Business Conduct](#).

This commitment includes working to ensure that our products do not contain, and are not made using, “Conflict Minerals” as defined by Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (“Dodd-Frank Act”).

UDC also is committed to responsible sourcing of materials for use in the manufacture of its products, as expressed in its [UDC Global Supplier Code of Conduct](#). As part of this commitment, UDC expects its suppliers to exercise due diligence in their sourcing and supply chains, by excluding the use of sources and supply chains that use Conflict Minerals for the suppliers’ materials that are for the manufacture of UDC products. Should a supplier become aware of the use of Conflict Minerals in the supply chain for UDC materials, the supplier must report this along with a mitigation plan. UDC also expects its suppliers to provide any reasonably requested information with regard to Conflict Minerals to support UDC’s compliance with the Dodd-Frank Act.



RoHS Compliance

The European Union's (EU) Restriction of Hazardous Substances (RoHS) Directive seeks to reduce the negative impact of electrical and electronic equipment (EEE) upon environmental and human health. The substances targeted by this Directive include those with the potential to compromise the natural environment, pollute landfills and harm manufacturing and personnel through occupational exposure.

Based on UDC's analytical testing and knowledge of our supply chain, **UDC products are RoHS compliant**, i.e., they do not contain any of the 10 substances listed below and in this Directive in quantities above the maximum allowable concentrations (set at 0.1%, weight by weight):

- Lead (Pb)
- Mercury (Hg)
- Cadmium (Cd)
- Hexavalent chromium (chromium VI, Cr+6)
- Polybrominated biphenyls (PBB)
- Polybrominated diphenyl ethers (PBDE)
- Bis(2-Ethylhexyl) phthalate (DEHP)
- Benzyl butyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Diisobutyl phthalate (DIBP)



Our Certified Management Systems

UNIVERSAL DISPLAY
CORPORATION™



UDC UniversalPHOLED
Materials Business
and Adesis, Inc.



UDC Ewing



UDC Ewing



Integrated Management Policy

Our Integrated Management Policy* states UDC's commitment to our varied stakeholders to provide quality products and services, reduce our environmental impacts and strengthen our environmental, health and safety performance:

Provide high-quality, energy-efficient and environmentally-minded OLED products and technologies to satisfy our customers

Heighten awareness and engagement of our stakeholders, including all employees, suppliers and contractors, to foster our core values of quality, health, safety, sustainability and social responsibility

Operate in compliance with all customer, regulatory, statutory and corporate governance requirements

Listen to feedback from customers, employees and other interested parties to better meet their needs and expectations

Evolve our processes and systems, via measurement and analysis, to drive continual improvement

Demonstrate commitment to minimizing EHS impacts, by preventing pollution, reducing waste, and mitigating workplace hazards that may lead to injury and/or illness

Safeguard UDC's assets, including sensitive information, by managing risks and opportunities effectively

As part of our commitment to environmental, health and safety management, UDC's Ewing facilities became recertified to the ISO 14001:2015 standard in 2021 and newly certified to ISO 45001:2018 in 2021, and Adesis became certified to ISO 9001:2015 in 2021.

**Policy as of 3/14/2022*



Our Carbon and Climate





Climate Change Policy*

Universal Display Corporation acknowledges the potentially harmful impact of climate change, and we are mindful of the ways that our company could contribute to that change. We understand that our employees, suppliers, customers and the communities in which we live and serve may continue to be impacted by the effects of climate change, and we are committed to looking into ways through which we can minimize UDC's greenhouse gas (GHG) footprint as we produce materials that enable what we believe are more energy-efficient consumer devices.

In order to fulfill our commitment, we are devoting internal resources, under the direction of the Environmental & Social Responsibility Committee of UDC's Board of Directors, to focus our efforts in the following areas:

- Quantifying our GHG emissions
- Establishing time-bound reduction goals and action plans to minimize, whenever commercially practicable, our GHG emissions
- Seeking ways to increase energy and water efficiency in our operations and in our supply chain
- Investing in opportunities, where economically feasible, to minimize our carbon footprint, particularly through the use of more energy-efficient equipment and mechanical systems, and our continued development of more energy-efficient products that help reduce the GHG impact of devices during their life cycle.

UDC has undertaken and plans to continue to provide periodic updates on the progress it is making on certain of its efforts described above and to publish these results on our public website at www.oled.com.



Greenhouse Gas Emissions

In accordance with our Climate Change Policy and 2021 goals, we have begun the process of quantifying our greenhouse gas (GHG) emissions. This is the first step toward minimizing our GHG footprint. As our Company grows through the addition of various facilities, we will continue to measure and baseline our emissions in order to establish time-bound reduction goals and action plans. We aim to reduce the impacts of our growth through thoughtful design that incorporates energy efficiency where possible.

Universal Display (Ewing, NJ)	2021 (metric tons CO ₂ e)
Scope 1 Emissions	550
Scope 2 Emissions	2,602



Investing in GHG Reduction

In 2021, UDC made several investments to minimize our carbon. Our facility renovations in 2021 included upgrades to energy-efficient equipment, installation of building monitoring systems, including occupancy-based controls for heating, ventilation, and lighting to reduce energy. In addition to designing and renovating with energy conservation in mind, UDC installed 10 electric vehicle charging stations through New Jersey's *It Pay\$ to Plug In* program. UDC is proud to participate in this program and expand New Jersey's growing network of electric vehicle infrastructure, allowing UDC and our employees to purchase and drive electric vehicles (EVs). EVs reduce greenhouse gases and other pollutants and improve air quality.





Our Environment, Health & Safety



Commitment to EHS Excellence

Leadership commitment and engagement at all levels of our UDC team in all processes and programs is central to our success. This corporate commitment drives awareness and a culture throughout our Company and supply chain that quality, EHS, sustainability and social responsibility are all critical to UDC, our communities and our stakeholders.

Board Level Engagement: Our Environmental & Social Responsibility Board Committee is actively engaged in the direction and oversight of our EHS Management System. This Board Committee receives and reviews EHS Management System reports on a periodic basis and annually reviews and approves Company EHS and Corporate Social Responsibility policies.

Executive Level Engagement: Our executives and members of senior management participate in quarterly EHS Steering Committee meetings to review the risks, opportunities and performance of our EHS Management System. This Steering Committee serves to guide the development of our EHS Management System and to drive continuous improvement. Our EHS Manager reports directly to UDC's CFO to ensure appropriate attention and resources are provided to EHS management and issues.

Employee Level Engagement: Our employees and managers are engaged in EHS at all levels and in all departments through participation in various Company EHS committees, including UDC's Safety Committee, Chemical Hygiene Committee and Environmental Sustainability Committee. Additionally, our employees participate in monthly EHS meetings to ensure engagement and awareness.



Achieving our EHS Objectives and Continually Improving

2021 EHS Performance

UDC, like the rest of the world, has faced challenges from the recent pandemic. Despite these difficulties in 2021, UDC strived to reach our EHS objectives. Below is the 2021 performance of UDC HQ Ewing campus:

Objectives/Target	2021 Performance
0 Notice of Violations (NOVs)	0
Total Injury Rate (TIR) of 0.9	0
Lost Time Case Rate (LTCR) of 0	0
Achieve ISO 45001:2018 certification	Achieved
Establish new baselines for hazardous waste, energy and water consumption	Achieved
Establish baselines for Scope 1 and 2 emissions	Achieved
Complete Job Safety Assessments for all routine work tasks	In progress



Achieving our EHS Objectives and Continually Improving

2022 EHS Objectives

We have set specific annual performance-based objectives to support UDC's overarching core objectives for its UDC HQ Ewing campus:

- Zero Notices of Violation (NOVs)
- Total Injury Rate (TRI) = 0
- Lost Time Incident Rate (LTIR) = 0
- Improve employee engagement through participation in Job Safety Assessments and safety meeting attendance
- Establish baselines for hazardous waste, energy and water consumption with the addition of new facilities
- Establish baselines for Scope 1 and 2 emissions

These objectives are achieved through monitoring and measurement, regular management reviews, and risk and opportunity assessments.



Maintaining a Safe Work Environment

UDC strives for an injury-free workplace. We know that our employees are our most valuable assets, and their safety and health are our top priorities. Our employees' diligence, our risk management and hazard control programs and safety culture are critical to our success. UDC recently achieved ISO 45001:2018 certification for its Health and Safety Management System for the Ewing, NJ location.

Universal Display (Ewing, NJ)	2019	2020	2021
Fatalities (Employees & Contractors)	0	0	0
Lost Time Incident Rate (LTIR)*	0.0	0.0	0.0
Total Recordable Incident Rate (TRIR)**	0.0	2.3	0.0
OSHA Citations	0	0	0

Adesis (New Castle, DE)	2019	2020	2021
Fatalities (Employees & Contractors)	0	0	0
Lost Time Incident Rate (LTIR)*	0.0	0.7	1.0
Total Recordable Incident Rate (TRIR)**	0.0	1.4	4.8
OSHA Citations	0	0	0

* The number of recordable injuries and illnesses per 100 full-time employees that resulted in lost workdays

** The total number of recordable injuries and illnesses per 100 full-time employees



Water Consumption and Wastewater

UDC looks for opportunities to conserve water and prevent waste. We are continuing our reduction efforts with further improvements, including considerations for water usage reductions where possible during building renovations.

Adesis shares UDC’s vision for conservation and has taken steps to reduce its environmental impact by establishing baselines to help set reduction goals.

	Adesis (New Castle, DE)			Universal Display (Ewing, NJ)		
	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
<u>Water Consumption</u>						
Water consumption, gallons (in millions)	2.7	3.1	2.7	1.1	1.1	1.3
Wastewater discharge, gallons (in millions)	NA	NA	NA	1.1	1.1	1.2
<u>Per Capita</u>						
Water consumption, gallons per capita (in millions)	0.030	0.025	0.018	0.007	0.006	0.007
No. of employees	89	124	146	168	181	192
Total Space (k sf)	50	50	50	55	55	105

Notes: NA = Not Available



Waste and Toxicity

UDC manages non-hazardous and hazardous waste through a Waste Management and Minimization Program that is designed to reduce waste generation, toxicity and the environmental impacts of waste disposal. Non-hazardous waste is minimized and recycled, where possible. UDC has recently enhanced its recycling program at its Ewing, NJ HQ campus, with an investment in standardized, color-coded waste collection centers and additional employee education. UDC carefully manages chemicals and other hazardous materials to reduce the quantity and toxicity of related wastes through maintaining appropriate chemical inventories and using less harmful chemical alternatives, where practicable. UDC also manages Universal Waste by recycling hazardous lamps, batteries, mercury-containing items, oil-based finishes and consumer electronics.

	Adesis (New Castle, DE)			Universal Display (Ewing, NJ)		
	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
<u>Waste Management</u>						
Hazardous Waste, tons	192	211	261	32	24	26
Trash, tons (estimated)	10	25	25	64	59	99
Non-hazardous Waste, tons	1	1	1	8	4	6
Non-hazardous soil recycling, tons	NA	NA	NA	NA	317*	NA
Single stream recycling, tons (estimated)	17	20	24	140	140	182
Environmental fines, penalties & settlements (\$)	None	None	None	None	None	None
<u>Per Capita</u>						
HazWaste, tons per capita	1.7	1.7	1.8	0.2	0.1	0.1
No. of employees	116	124	146	168	181	192
Total Space (k sf)	50	50	50	55	55	105

Notes: *Soil generation from one-off construction project at new UDC facility. All soil was reused/recycled.

NA = Not Applicable.



Energy Consumption

UDC understands the importance of reducing our energy usage, which reduces costs and our carbon footprint. In an effort to reduce energy use, UDC has invested both in its Facilities Department and infrastructure. To offset the growth in operational footprint (including new OLED equipment), we have made improvements in other areas including a new comprehensive preventative maintenance program; replacing and upgrading HVAC systems, boilers, chillers and other older equipment to energy-efficient models; and installing energy-efficient lighting.

Adesis shares UDC’s vision for corporate responsibility. In 2021, Adesis began sourcing electricity for its New Castle, DE HQ from 100% renewable energy from Renewable Energy Credits (RECs).

	Adesis (New Castle, DE)			Universal Display (Ewing, NJ)		
	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Total Energy Consumption, kWh (in millions)	5.3	5.0	5.1	8.1	8.1	10.4
Electricity consumption, kWh (in millions)	2.5	2.6	2.7	6.1	6.2	8.2
Natural Gas consumption, kWh (in millions)	2.9	2.4	2.4	2.0	1.9	2.2
<u>Per Capita</u>						
Electricity, kWh per capita (in millions)	0.03	0.02	0.02	0.04	0.03	0.04
No. employees	89	124	146	168	181	192
Total Space (k sf)	50	50	50	55	55	105



Information Security

UDC is committed to protecting confidential and personal information, including that of UDC, UDC's customers and third parties. To this end, UDC maintains information security protocols and policies, on which the company is externally audited on an annual basis, and which complies with rigorous information security standards. UDC also has in place an information security training program, with periodic employee awareness trainings and phishing exercises conducted throughout the year. All employees must re-certify to this program annually for them to keep up to date on proper protocols and procedures on the safeguarding of confidential and personal information. UDC's Board of Directors oversees and is periodically updated on the ever-changing information security landscape, UDC's program and internal controls to mitigate associated risks. The company supplements its information security program with a cyber insurance policy.



Our Performance



ESG Governance Structure



OVERSIGHT

Our Board of Directors oversees and monitors our ESG strategy via reviews and periodic reports.



MANAGEMENT

Executive team defines our ESG strategy and leads the Company's sustainability performance.



IMPLEMENTATION

This interdisciplinary committee executes the day-to-day implementation of our ESG initiatives and programs; responsible for CSR report.



Organizational Profile (as of Dec 31, 2021, unless otherwise noted)

Organization Name	Universal Display Corporation (UDC)
Activities, brands, products, and services	Innovation & Solutions UDC is a world leader in the invention, research, development and commercialization of state-of-the-art OLED technologies and materials.
Location of headquarters	250 Phillips Blvd., Ewing, NJ 08618, USA
Location of operations	Our Global Presence pg. 8
Total patents (issued and pending worldwide)	5,500+ (as of February 4, 2022)
Ownership and legal form	Universal Display Corporation is a Pennsylvania corporation listed on the Nasdaq Stock Market under the ticker symbol OLED. 2021 10-K
Markets served	2021 10-K
Scale of the organization	2021 10-K
Information on employees and other workers	2021 10-K Our People pgs. 16-26
Supply chain	Supply Chain Our Supply Chain pgs. 31-38
Percentage of UDC OLED products using Conflict Minerals	0%
Product recalls	None
Marketing/Labeling/Advertising violations, fines, settlements	None
Significant changes to the organization and its supply chain	2021 10-K None
External initiatives	ISO 9001:2015** ; ISO 14001:2015*** ; ISO 45001:2018***

**ISO certification applies to UDC's Ewing, NJ facilities and Adesis

*** ISO certifications apply to UDC's Ewing, NJ facilities



Governance (as of Dec 31, 2021, unless otherwise noted)

# Board of Directors	9
% Independent Board Members	67%
Separate CEO and Board Chairman	President and CEO: Steven V. Abramson Chairman of the Board: Sherwin I. Seligsohn
% Female Board Members	33%
Independent Audit Committee	Governance Codes and Guidelines
Nominating & Corporate Governance Committee	Governance Codes and Guidelines
Compensation Committee	Governance Codes and Guidelines
Code of Conduct for Directors	Governance Codes and Guidelines
Investment Committee	Governance Codes and Guidelines
Environmental & Social Responsibility Committee	Governance Codes and Guidelines
Corporate Governance Guidelines	Governance Codes and Guidelines
Values, principles, standards, and norms of behavior	Governance Codes and Guidelines
Mechanisms for advice and concerns about ethics	Governance Codes and Guidelines
External reporting of compensation of board of directors & senior executives	2022 Proxy Statement
Stock Ownership Guidelines (Executives & Directors)	2022 Proxy Statement
Clawback Policy	2022 Proxy Statement
Political Involvement Policy	UDC Policies and Statements
Total financial contributions to political parties, politicians, and PACs	\$0
Lobbying and Political Expenses	\$0
Bribery, corruption, or anti-competitive fines, settlements, or employees disciplined	None
Incidents of Human Rights Violations	None



Our Workplace (as of Dec 31, 2021, unless otherwise noted)

Global Employees (Full-Time)	409
% Employees in U.S.	90%
% Employees outside U.S.	10%
% Female Employees	22%
% Male Employees	78%
% Female Leaders (Director +)	29%
% Male Leaders (Director +)	71%
% Females in Tech Roles	15%
% Males in Tech Roles	85%
% U.S. Veterans	5%
Employee turnover rate (YE'21/YE'20)	13.5%
Average service years	5.8 years
Employee headcount growth (YE'21/YE'20)	17%
Employee Benefits	Careers : Rewarding Our People, pg. 24
Annual Code of Conduct Training	All employees are responsible for complying with our Code of Ethics and Business Conduct. Upon commencing employment, new employees are required to confirm in writing that they have read and understand the Code and agree to comply with it, and all employees make that same confirmation on an annual basis.
Employee Reporting (Whistleblower)	Commitment to Ethics and Compliance, pg. 23
Employee Performance Reviews	Annually
Instances of Labor Standards Non-Compliance	None
Race and Ethnicity Statistics (U.S. only):	
% White	61%
% Asian or Pacific Islander	27%
% Hispanic	4%
% Black/African American	8%
% Two or More Races	0%



Our Environmental, Health and Safety (as of Dec 31, 2021 unless noted)

	<u>Universal Display Corporation</u>	<u>Adesis, Inc.</u>
Fatalities (Employees & Contractors)	0	0
Lost Time Incident Rate (LTIR)	0	1.0
Total Recordable Incident Rate (TRIR)	0	4.8
Near Miss Incident Rate	4.6	NA
OSHA Citations	0	0
Water consumption, gallons (in millions)	1.3	2.7
Water consumption, gallons per capita (in millions)	0.007	0.018
Hazardous Waste, tons	26	261
Hazardous Waste, tons per capita	0.1	1.8
Hazardous Waste Recovered/Recycled (%)	52%	94%
Hazardous Waste Stored/Transferred (%)	42%	1%
Hazardous Waste Incinerated (%)	6%	5%
Non-hazardous Waste (Trash, Non-hazardous Waste, Recycling), tons	287	49
Non-hazardous Waste Recovered/Recycled (%)	64%	49%
Non-hazardous Waste Stored/Transferred (%)	2%	1%
Non-hazardous Waste Incinerated (%)	0%	0%
Non-hazardous Waste Landfilled (%)	34%	50%
Environmental fines, penalties & settlements (\$)	0	0
Electricity consumption, kWh (in millions)	8.2	2.7
Natural Gas consumption, kWh (in millions)	2.2	2.4
Total Energy Consumption, kWh (in millions)	10.4	5.1
Electricity Consumption, kWh per capita (in millions)	0.04	0.02

Notes: NA = Not Applicable, Near Miss Incident Rate - The total number of near miss incidents per 100 full-time employees



Our Revenue (in \$millions)



	2017	2018	2019	2020	2021
ASC 605 Adjustment	\$-	\$78.9	\$22.9	\$-	\$-
Hosts	\$1.6	\$-	\$-	\$-	\$-
Royalty & License	\$126.5	\$80.6	\$150.0	\$185.1	\$219.0
Emitters	\$198.7	\$153.2	\$243.4	\$229.7	\$318.6
Contract Research Services	\$8.9	\$13.6	\$11.7	\$14.1	\$15.9

(1) Reflecting ASC 605 Adjustments.

2021 Financial Profile*

Total Revenue \$553.5M

% of Total Revenue

South Korea 60.5%

China 34.7%

Japan 1.3%

Other non-U.S. locations 0.6%

United States 2.9%

Operating Income \$227.6M

Net Income \$184.2M

Diluted Earnings Per Share \$3.87

Cash Dividend Per Share \$0.80

*Unless noted, all information is based on 2021 data. See [2021 10-K](#) for more detailed information.



Beginning this year, we are reporting in alignment with the Sustainability Accounting Standards Board (SASB) Standard for the Technology and Communications Sector: Semiconductor Industry.

SASB (Sustainability Accounting Standards Board) Index

Topic	Accounting Metric	Code	Report Location/Disclosure
Greenhouse Gas Emissions	(1) Gross global Scope 1 emissions and (2) amount of total emissions from perfluorinated compounds	TC-SC-110a.1	Slide 44 – Greenhouse Gas Emissions
	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	TC-SC-110a.2	GHG baselines are still being established.
Energy Management in Manufacturing	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable	TC-SC-130a.1	Slide 53 - Energy Consumption
Water Management	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	TC-SC-140a.1	Slide 51 - Water Consumption and Wastewater
Waste Management	Amount of hazardous waste from manufacturing, percentage recycled	TC-SC-150a.1	Slide 52 - Waste and Toxicity
Employee Health & Safety	Description of efforts to assess, monitor, and reduce exposure of employees to human health hazards	TC-SC-320a.1	Slides 46-50 - Our Environment, Health & Safety
	Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations	TC-SC-320a.2	\$0



SASB (Sustainability Accounting Standards Board) Index

Topic	Accounting Metric	Code	Report Location/Disclosure
Recruiting & Managing a Global & Skilled Workforce	Percentage of employees that are (1) foreign nationals and (2) located offshore	TC-SC-330a.1	Slide 22 - About Our Workforce
Product Lifecycle Management	Percentage of products by revenue that contain IEC 62474 declarable substances	TC-SC-410a.1	0%
	Processor energy efficiency at a system-level for: (1) servers, (2) desktops, and (3) laptops	TC-SC-410a.2	Not Applicable. Universal Display Corporation does not manufacture servers, desktops, or laptops.
Materials Sourcing	Description of the management of risks associated with the use of critical materials	TC-SC-440a.1	Slide 37 - Universal Display's Conflict Minerals Policy
Intellectual Property Protection & Competitive Behavior	Total amount of monetary losses as a result of legal proceedings associated with anticompetitive behavior regulation	TC-SC-520a.1	\$0
Activity Metric	Total production	TC-SC-000.A	Not Applicable. Universal Display's manufacturing foundry partner of over 20 years is PPG.
	Percentage of production from owned facilities	TC-SC-000.B	



Resources

The following are links to content contained on UDC's public website www.oled.com that provide source and/or supplemental information to that which is contained in this CSR report:

- [Careers – Our Culture and Benefits](#)
- [Quality Management & Environmental Health and Safety Systems](#)
- [Supply Chain](#)
- [UniversalPHOLED® Materials](#)
 - [From Design to Manufacturing](#)
 - [UniversalPHOLED Product Packaging](#)

Policies and Statements

- [Climate Change Policy](#)
- [Conflict Minerals Policy](#)
- [Fair Labor Practices Policy](#)
- [Freedom of Association Policy](#)
- [Human Rights Policy](#)
- [Political Involvement Policy](#)
- [Global Supplier Code of Conduct](#)
- [Code of Ethics & Business Conduct](#)



About Our Report

Safe Harbor Statement

All statements in this document that are not historical, such as those relating to the projected adoption, development and advancement of the Company's technologies, and the Company's expected results and future declaration of dividends, as well as the growth of the OLED market and the Company's opportunities in that market, are forward-looking financial statements within the meaning of the Private Securities Litigation Reform Act of 1995. You are cautioned not to place undue reliance on any forward-looking statements in this document, as they reflect Universal Display Corporation's current views with respect to future events and are subject to risks and uncertainties that could cause actual results to differ materially from those contemplated. These risks and uncertainties are discussed in greater detail in Universal Display Corporation's periodic reports on Form 10-K and Form 10-Q filed with the Securities and Exchange Commission, including, in particular, the section entitled "Risk Factors" in Universal Display Corporation's Annual Report on Form 10-K for the year ended December 31, 2021. Universal Display Corporation disclaims any obligation to update any forward-looking statement contained in this document.

Boundary and Scope

Unless noted, this report covers our 2021 fiscal year (ending December 31, 2021). Financial data is reported in U.S. dollars. The information and data in this report includes Universal Display Corporation and its subsidiaries, unless otherwise stated. The policies and programs described in this report were in effect at the time this report was prepared, unless otherwise stated, and Universal Display Corporation disclaims any obligation to update this report to reflect future changes that may be made to such policies or programs. Additional information about our operations and financial statements is available in our [2021 10-K](#).