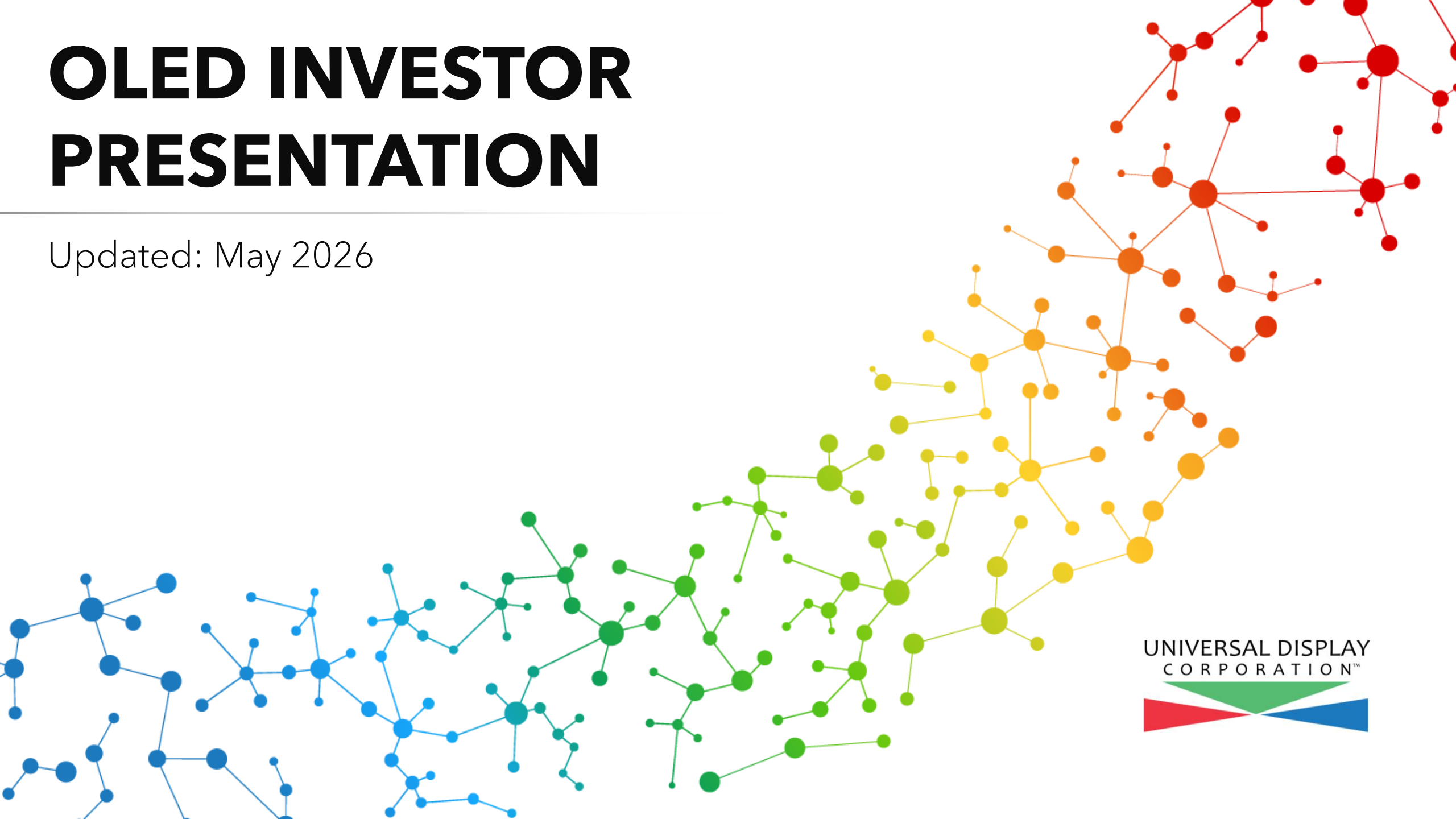
OLED INVESTOR PRESENTATION

Updated: May 2026



UNIVERSAL DISPLAY CORPORATION™

Forward-Looking Statements

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, 2025. Universal Display Corporation disclaims any obligation to update any forward-looking statement contained in this document.

Universal Display Corporation (UDC) Overview

Who We Are

UDC (Nasdaq: OLED) is a leader in the research, development & commercialization of OLED technologies and materials for use in display and solid-state lighting applications.

- Founded in 1994
- Subsidiaries and offices around the world
- Since inception, UDC's innovation strategy has centered on building a strong foundation of best-in-class OLED materials and technologies.

OLED Pioneer Enabling Industry Growth

Leading Global Supplier of Energy-Efficient PHOLED Materials

Innovator with Robust IP Portfolio of 7,000+ Patents Issued and Pending Worldwide*

Key Industry Partner Providing Support with 30-Years of OLED Expertise

*As of March 31, 2026

UDC Global Footprint

United States
UDC HQ (NJ)
Adesis, Inc. (DE)
UDC Ventures LLC (NY)
PPG (PA & OH)

UDC **China**

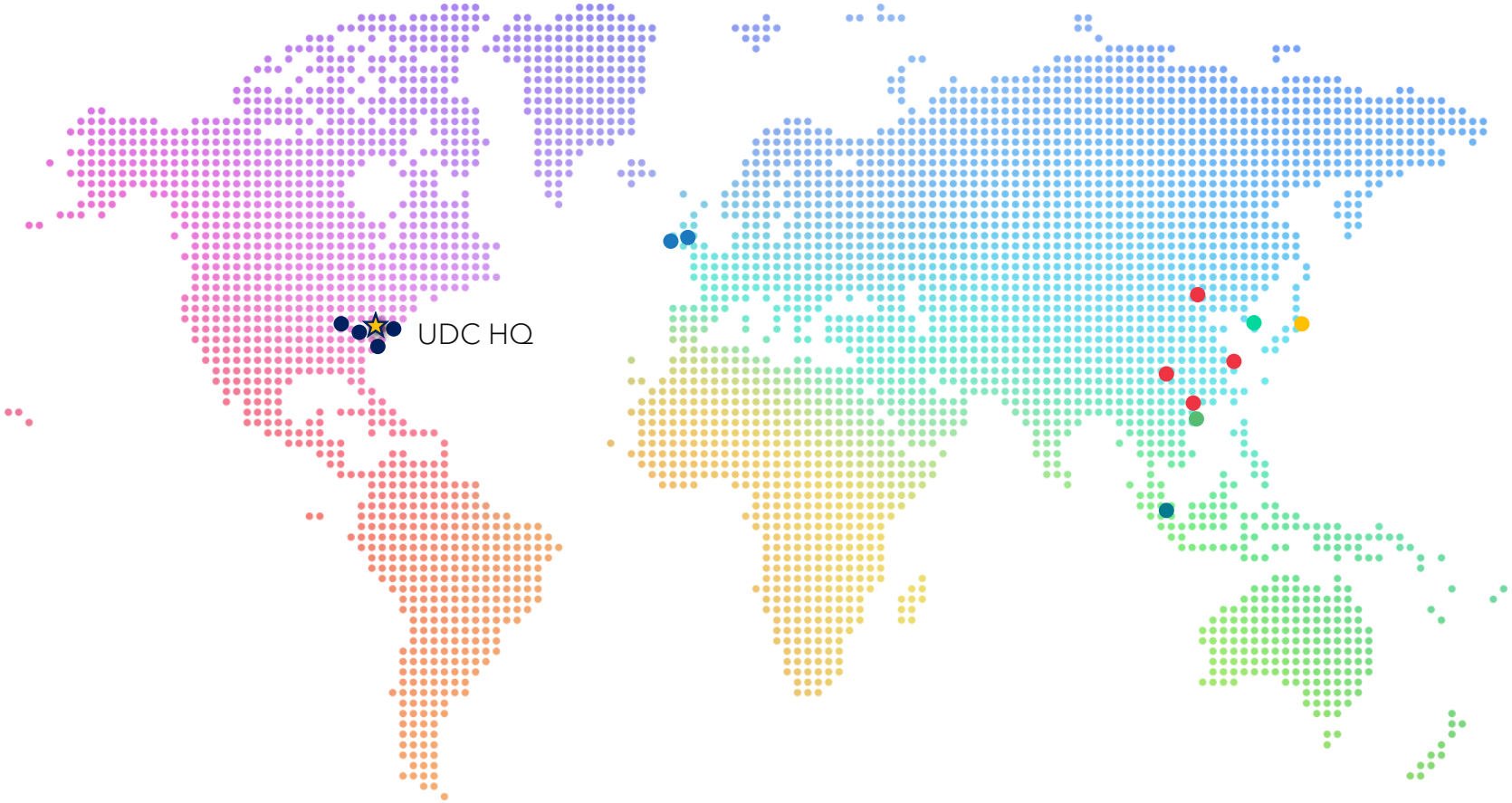
UDC **Hong Kong**

UDC **Ireland**
OLED Material Manufacturing Ltd (OM^2) & PPG

UDC **Japan**

UDC **Korea**

Universal Vapor Jet Corporation (UVJC) **Singapore**



More Than
470
Employees

Including
340
Scientists, engineers and technicians

UDC: Strong Corporate Citizen

UDC's Energy-Efficient Phosphorescent Materials

- 100% UniversalPHOLED® emitters save energy
- UDC's emitters do not use conflict minerals

Diverse & Inclusive Workplace

- Geographic: from over 25 countries
- Gender: 23% female and 77% male[1]
- Cultural diversity

Diverse Board of Directors

- 45% female and 55% male[1]
- Named a 2025 Champion of Board Diversity by The Forum of Executive Women

Community Outreach

- Foster educational STEM initiatives
- Support community organizations
- Employee charity matching program

ISO Certifications

- ISO 9001:2015 (quality)
- ISO 14001:2015 (environment)
- ISO 45001:2018 (health/safety)

Recognitions

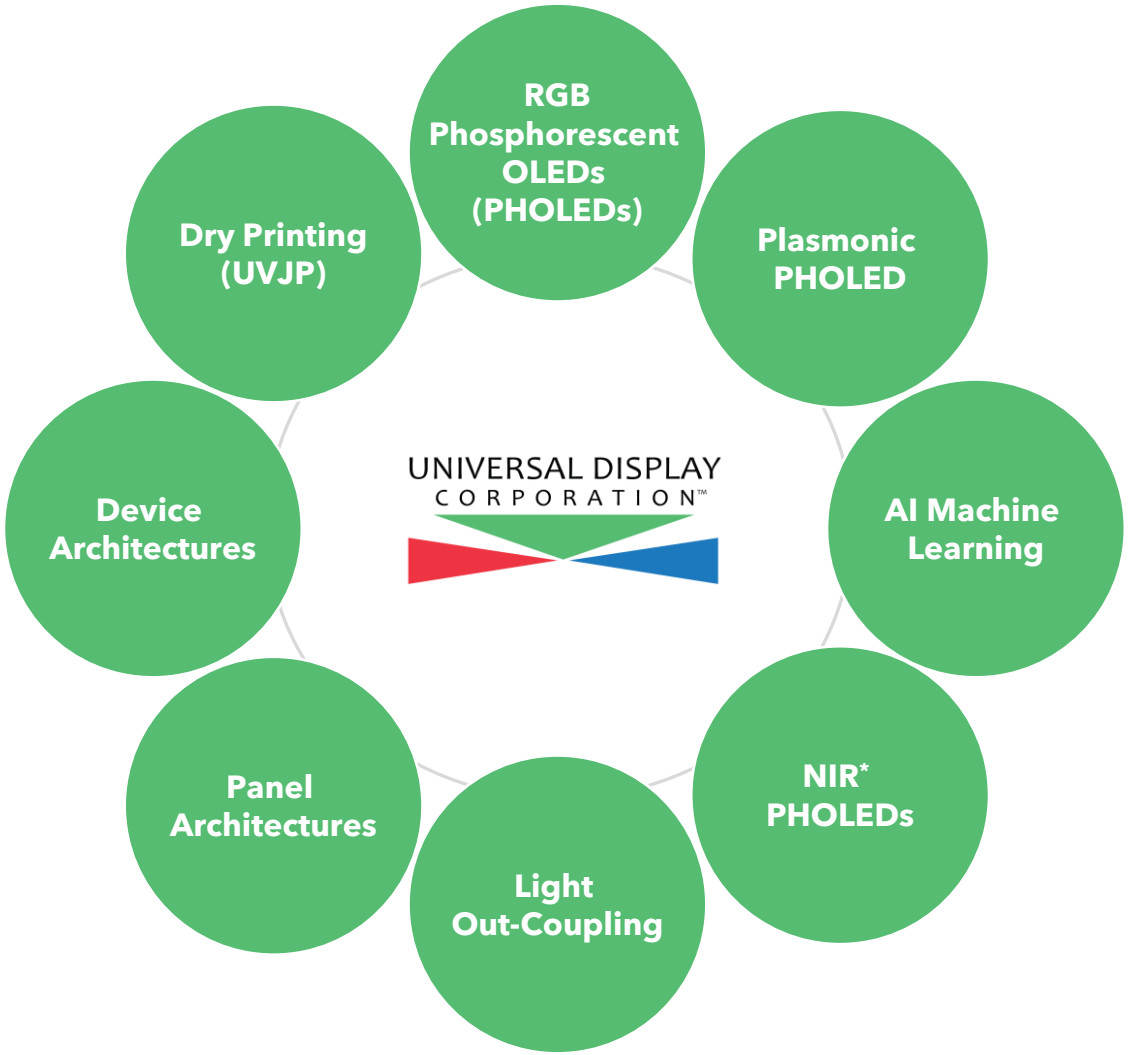
- *Newsweek*: America's Most Responsible Companies 2026
- *Ecovadis*: Bronze Sustainability Rating

[1]As of December 31, 2025

UDC's Business Model

Innovation & Invention	OLED Enabler	Revenues
Device & Architecture IP	Patent Licensing	License & Royalty Fees
Composition of Matter IP	PHOLED Emitters & Hosts	Material Sales

Strong, Broad & Deep Patent Portfolio

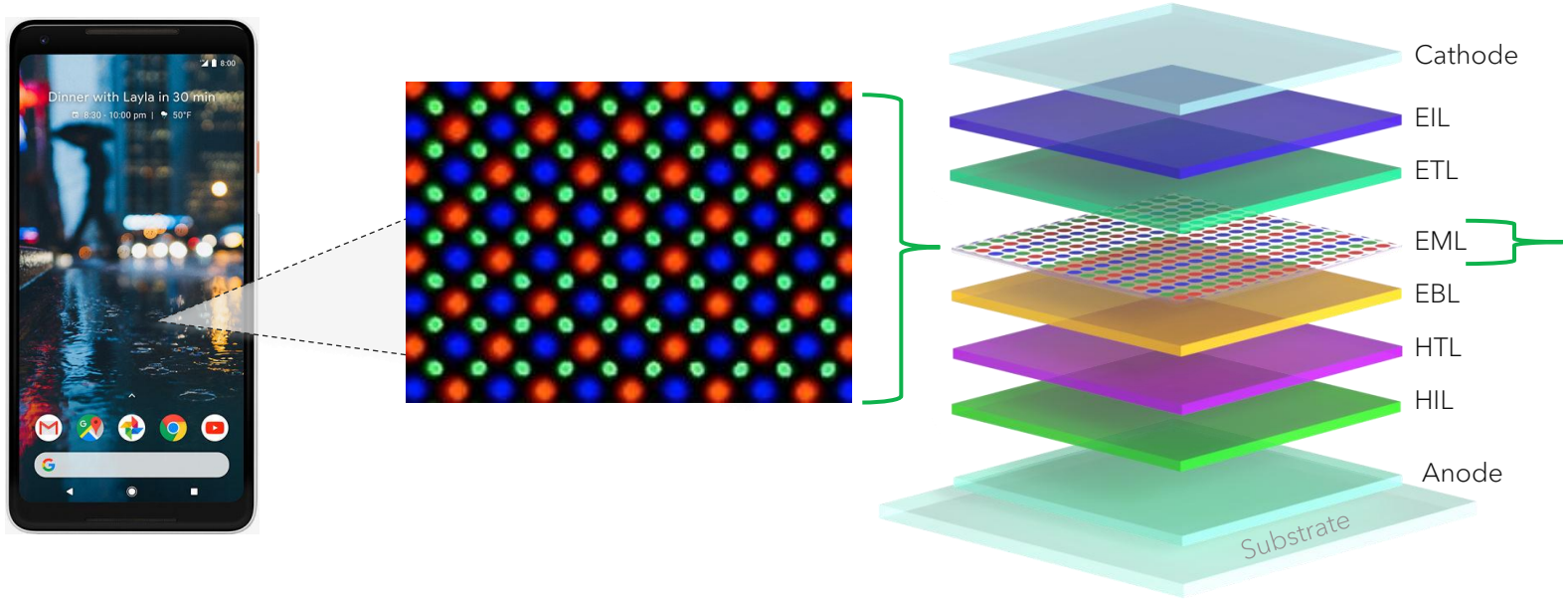


- We develop and license enabling technologies that are at the heart of consumer OLED products worldwide, from AR/VR, smartwatches, smartphones, IT (tablets, laptops, monitors), automotive and TVs to lighting products.
- We believe that our extensive portfolio of patents, trade secrets and know-how enable our 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 currently stands at more than 7,000 issued and pending patents worldwide (as of March 31, 2026).

*NIR=Near Infrared

What Is an OLED?

- An Organic Light Emitting Diode is a series of organic thin films between two conductors
- When electrical current is applied, bright light is emitted
- OLEDs can be used for displays and lighting
- OLEDs are not just thin and efficient - they can also be made ***flexible*** and ***transparent***



UniversalPHOLED®

Materials in Emissive Layer

UniversalPHOLED® = Energy Efficiency

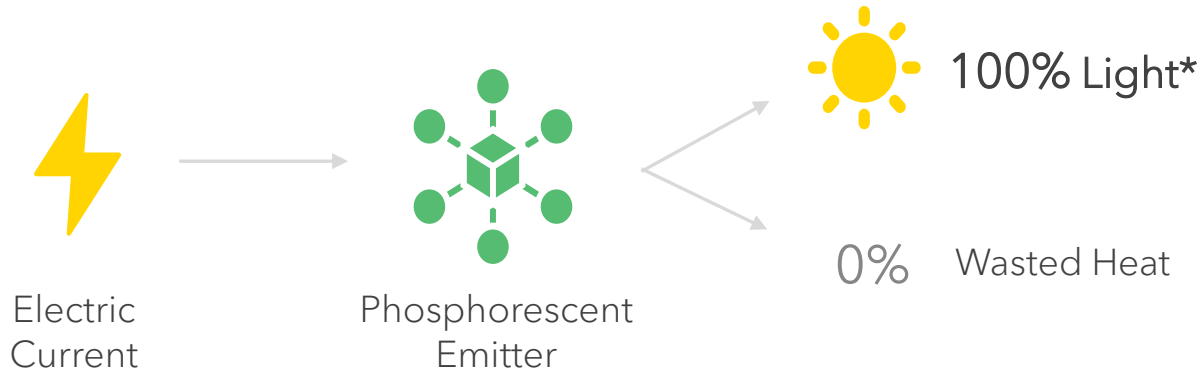
UDC's patented and award-winning phosphorescent OLED technology and materials are integral to enabling low power consumption in OLED displays and lighting.

Key Benefits of Phosphorescent Emitters

- Enable energy efficiency
- Reduce requirements for heat dissipation components
- Increase lifetime
- Lower product cost

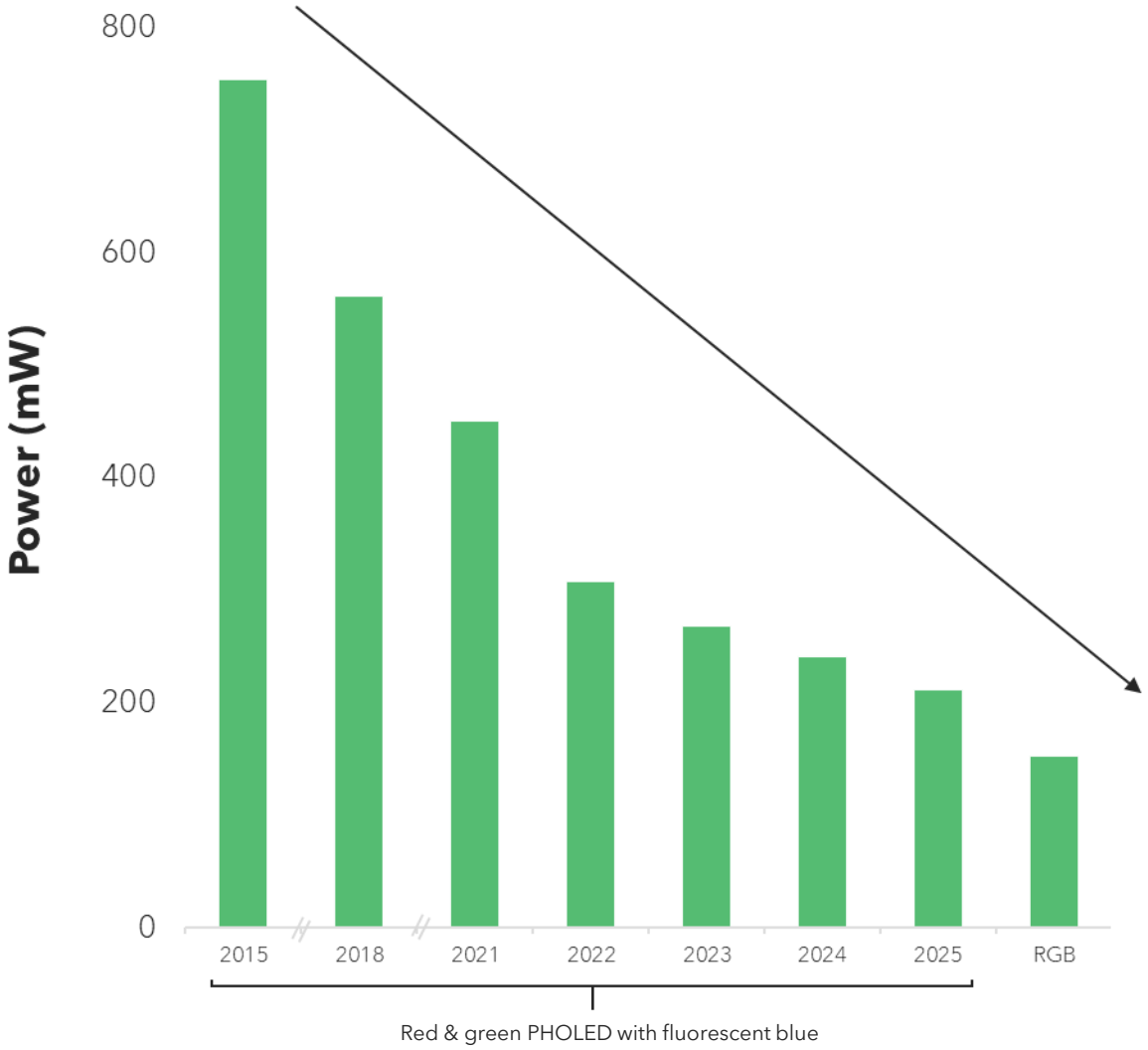
Phosphorescent OLED (PHOLED) Innovation

Energy Efficiency



*100% Internal Quantum Efficiency
Baldo et. al., Nature, 395, 151 (1998)

UniversalPHOLED® Energy Efficiency Innovation



Smartphone Display Power Consumption

Current performance (2025)

Red & green PHOLED w/ fluorescent blue

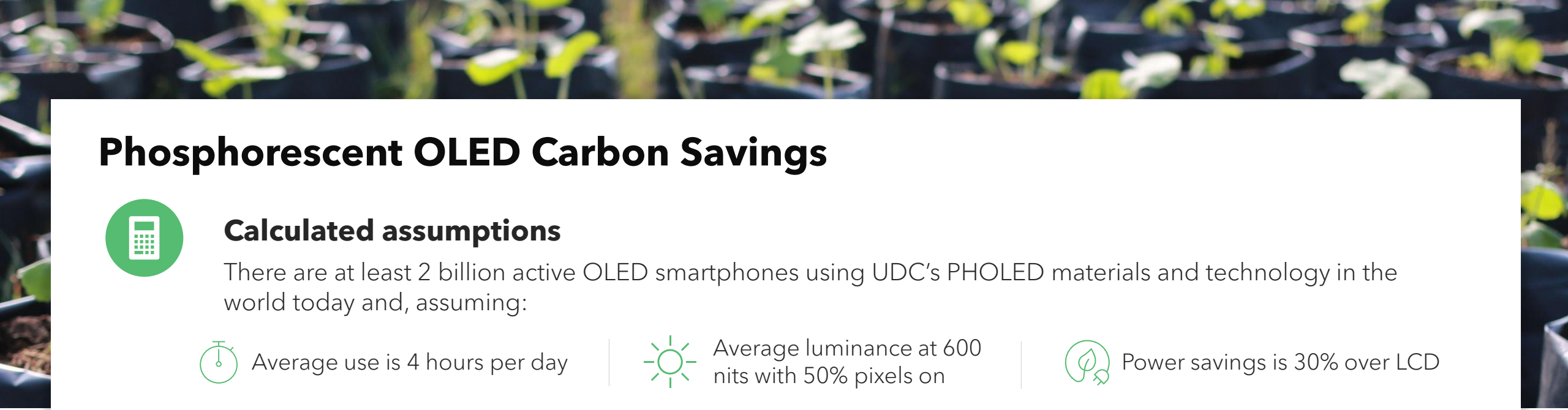
↓ **~72%** Energy consumption compared to 2015

Projected *additional* performance improvement

Full red, green & ***blue*** PHOLED vs. Prior devices containing fluorescent blue

↓ **~25%** Energy consumption compared to 2025

Based on a 5.0" OLED display operating at 600 cd/m^2 with video (50% pixels on). PHOLED data is based on UDC estimates. PHOLED=Phosphorescent



Phosphorescent OLED Carbon Savings

Calculated assumptions

There are at least 2 billion active OLED smartphones using UDC's PHOLED materials and technology in the world today and, assuming:

- Average use is 4 hours per day
- Average luminance at 600 nits with 50% pixels on
- Power savings is 30% over LCD

Power savings

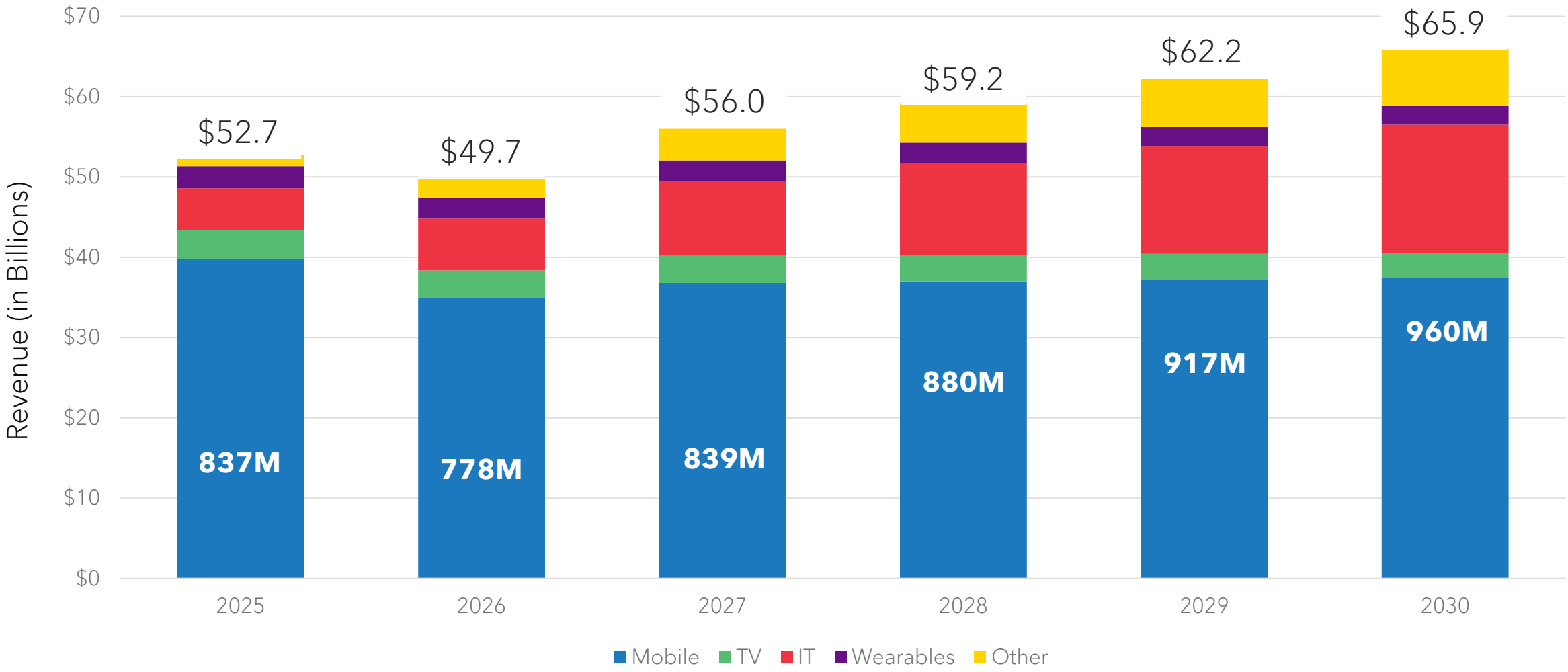
- Power saving per display is 0.46W
- Total savings per year is an estimated 1,343 GW-h per year

902,295 Metric tons of carbon dioxide (CO_2) equivalent avoided per year[1]

Equivalent to carbon sequestered by 14,919,533 tree seedlings grown for 10 years[1]

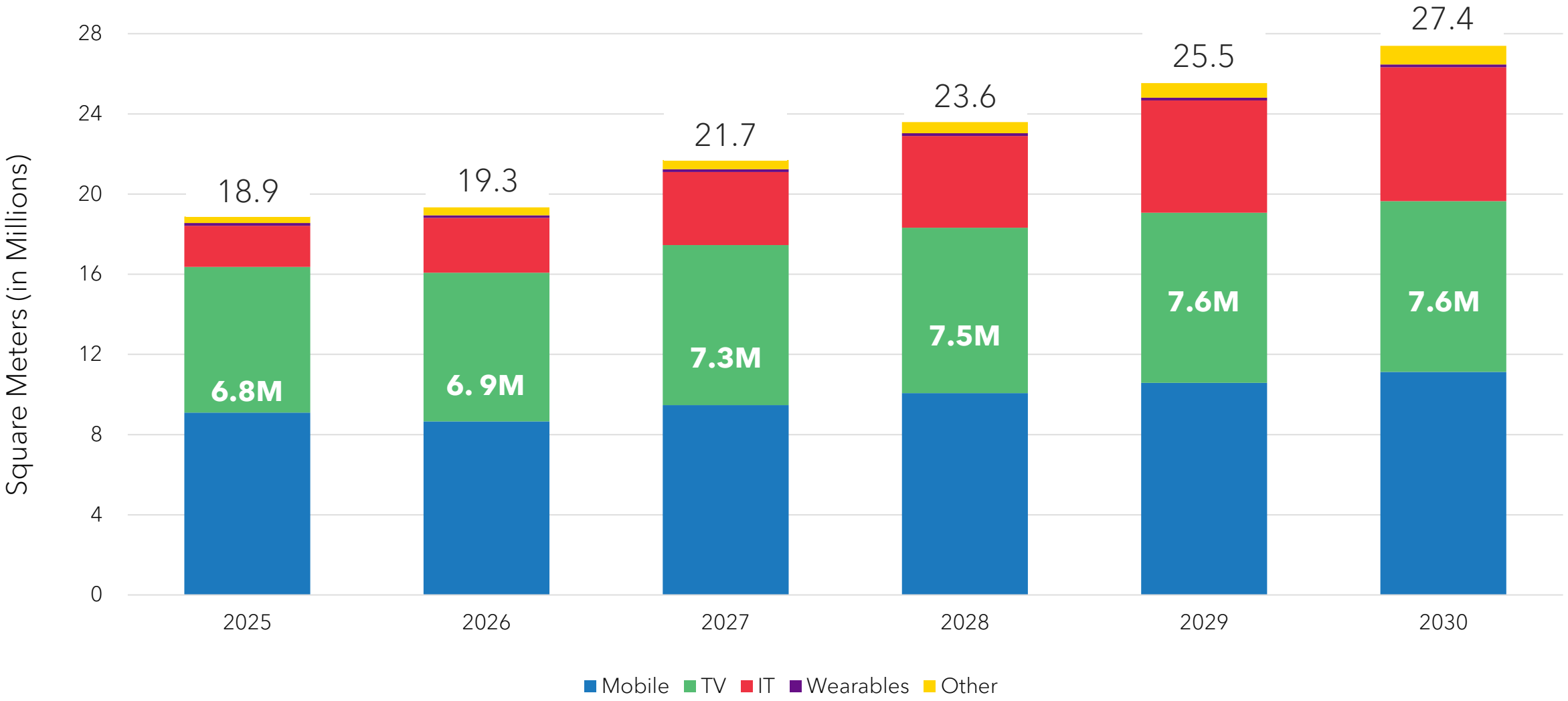
[1]https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator

OLED Display Market Potential



Unit numbers are for OLED smartphones only
Source: Omdia OLED Display Market Tracker – Q1 2026 (April 2026)

OLED Display Panel Demand



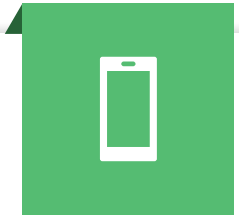
Unit numbers are for OLED TVs only
Source: Omdia OLED Display Market Tracker – Q1 2026 (April 2026)

Strong OLED Display Market Drivers

Lower Power Usage

- RED Phosphorescence reduces power consumption by up to 25%
- Add GREEN: Up to 45% cumulative reduction
- Add BLUE: Up to 75% cumulative reduction
- Enabled by PHOLEDs

Superior Aesthetics



- Improved image quality
- Thin and Light
- 180 degree viewing angle
- Near infinite contrast ratio (true black)
- Real-time video speeds (great for 3D)
- Self-emissive display
- Low UV output
- Minimal bezel
- Flexible

More Cost Effective

- Fewer manufacturing process steps
- Lower bill-of-materials
  - No backlight required
  - No color filter required
  - No liquid crystal required
  - Reduced driver IC costs
- Enables non-glass substrates

OLEDs Across the Consumer Electronics Landscape

AR/VR & Gaming

Wearables

Smartphones

Foldables & Slideables

IT

Tablets, laptops & monitors

Automotive

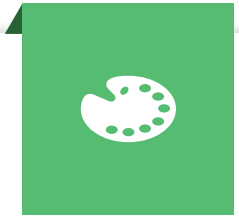
TVs

Strong OLED Lighting Market Drivers

Energy-efficient & environmentally friendly

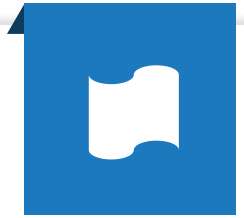
- Low drive voltage
- Low operating temperatures, cool to touch
- Long lifetime
- Easy to control

Highly desirable color quality



- Wide range of CCT, high CRI possible
- Color tunable
- Instant “ON” , Dimmable without flicker
- No glare, no noise
- Low UV content

Form factor & low-cost potential



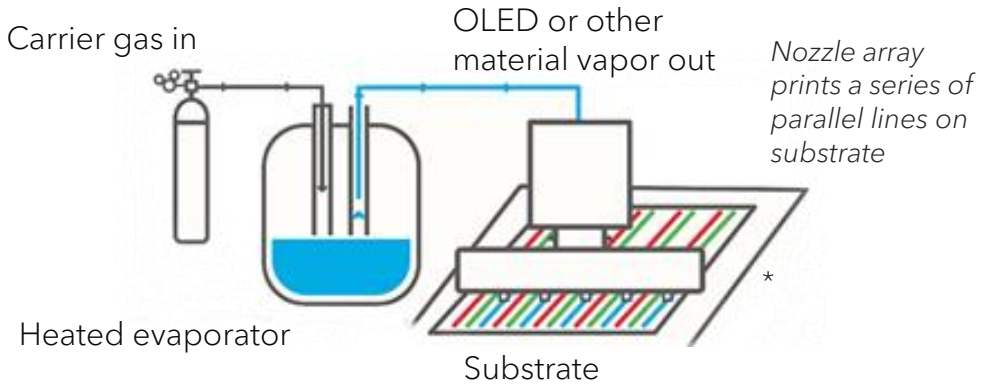
- Thin and lightweight
- Transparent
- Non-breakable, Conformable, Flexible, Foldable, Rollable
- Scaling advantage
- Roll-to-roll process

OLED Lighting Around the World

OLEDWorks
CERTIFIED CHANNEL PARTNER

UVJP: A Novel Manufacturing Process Platform Technology

Organic **V**apor **J**et **P**rinting



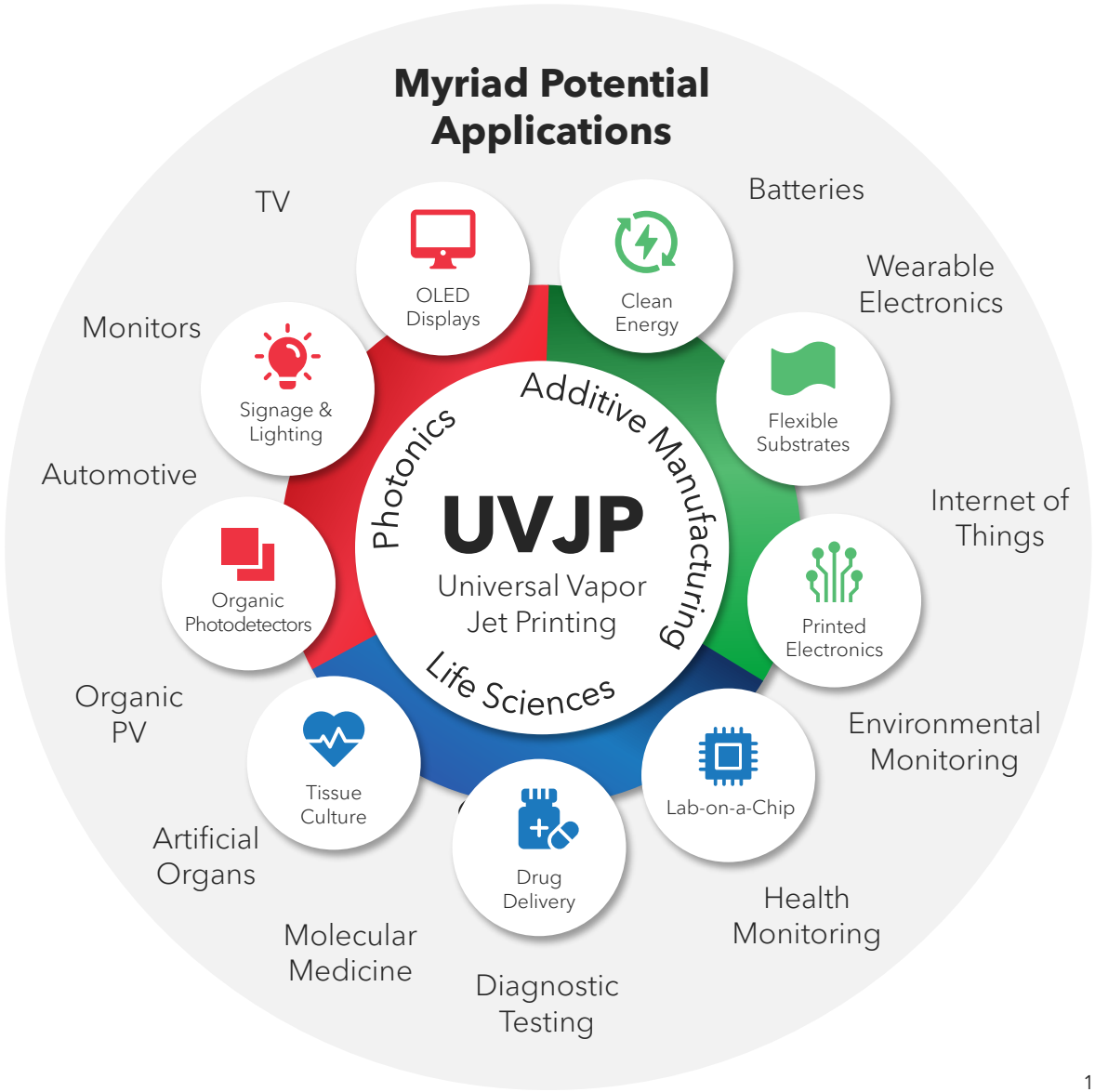
* Image depicts printing of blue after dry printing red and green using OVJP.

Supports 4K and 8K resolutions

Applies to thermally vaporizable organic molecules

Benefits:

- Cost-effective
- High throughput
- Dry printing
- Highly Scalable
- Digitally controlled patterning
- Precise thickness control
- Co-deposition and multilayer printing
- Multiple deposition layers in one chamber

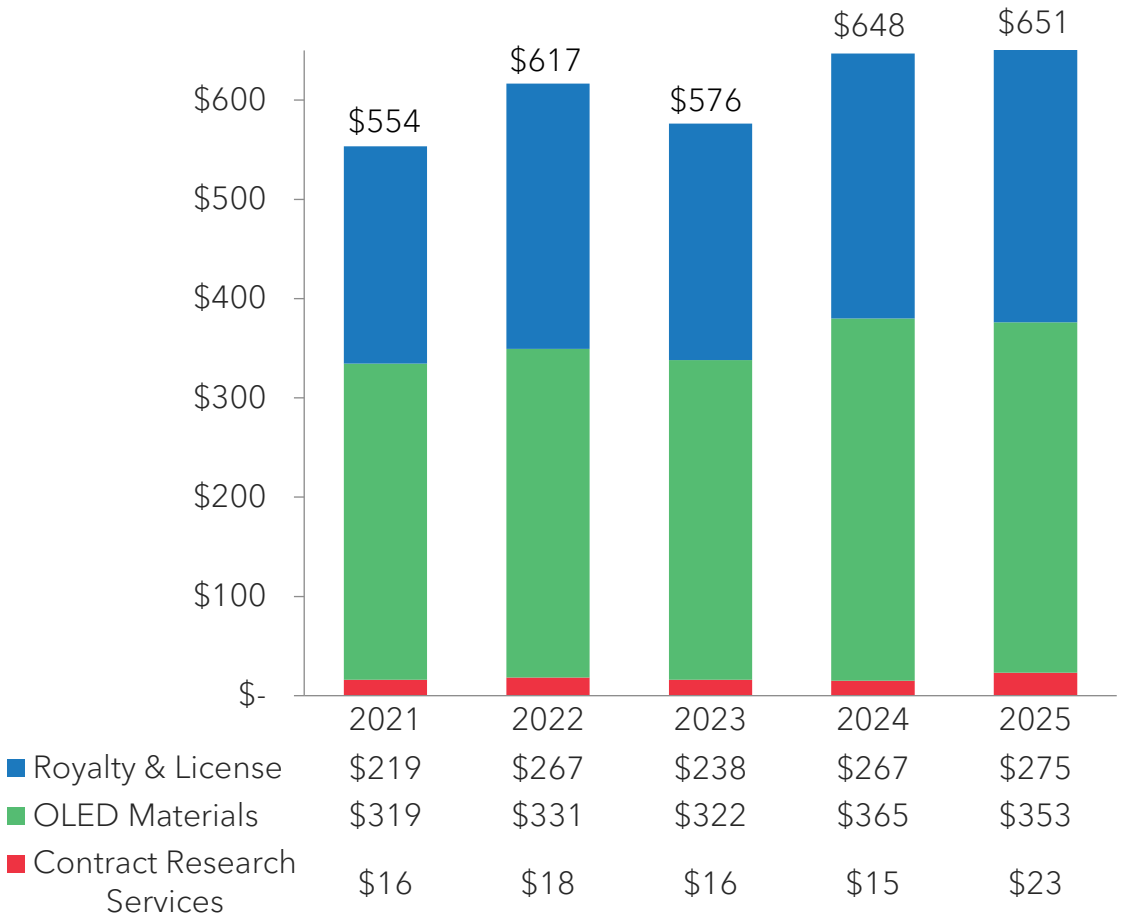


Strategic Display & Lighting Partnerships

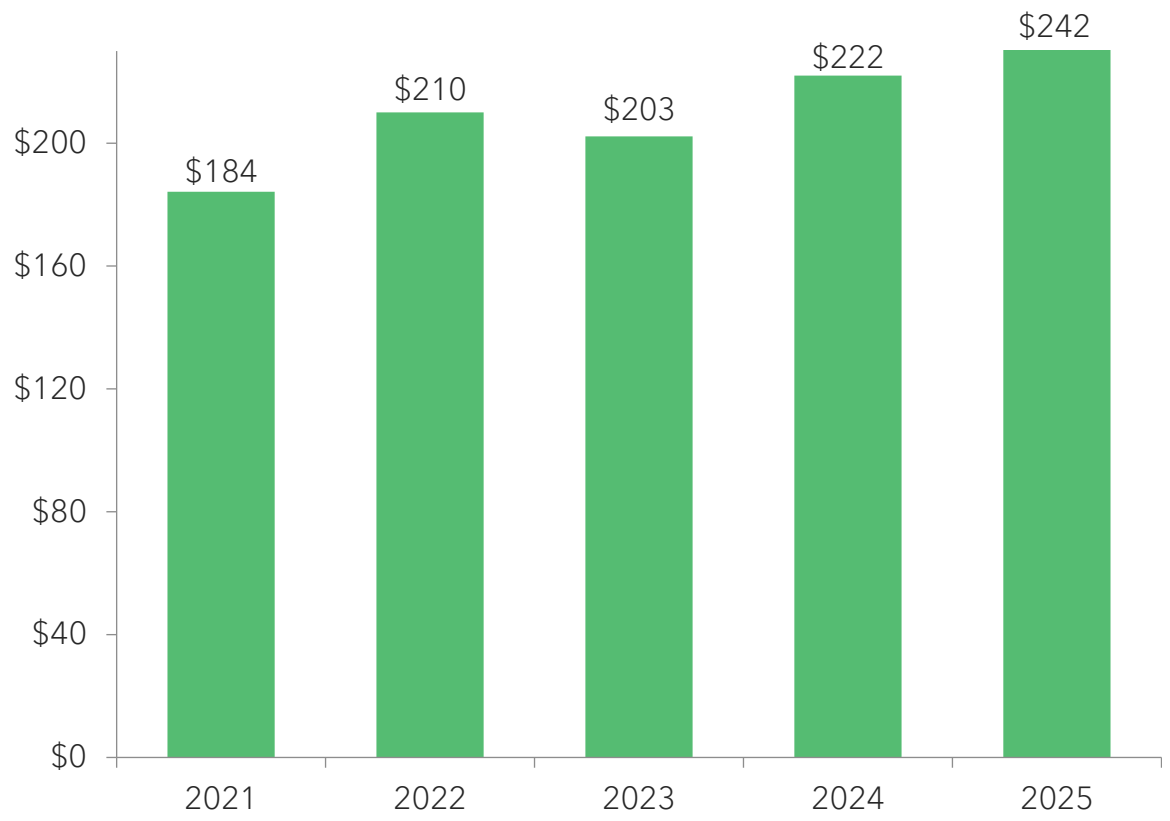
Historical Financial Performance

Revenue

($ in millions)



Income



Robust Capital Structure

In thousands, except share data

	March 31, 2026
Cash, Cash Equivalents, Short-Term and Long-Term Investments*	$911,440
Total Assets	$1,894,716
Long-Term Debt	--
A/P and Accrued Liability	$57,426
Deferred Revenue	$22,766
Shareholders' Equity	$1,703,980
Total Shares Outstanding	47,205,952

*Please refer to our recent 10-K filing for information regarding minority investments.

Company Summary

Lighting up the OLED Revolution

OLED Leader

- Inventing, Developing and Commercializing Proprietary Phosphorescent OLED Technologies & Materials to enable *Display* and *Lighting* Manufacturers
- Fabless Model; Partnering w/ PPG for 25 Years
- ~471 Employees (340 R&D, 156 PhDs); Largest Global PHOLED Team*

Strong Financials

- $911M Cash, No Debt*
- $19.31 in Cash/Share*
- High Margin Business
- Lean Operating Model

Comprehensive & Robust IP

- Largest Phosphorescent OLED (PHOLED) Technology & Materials Portfolio
- More than 7,000 Issued & Pending Patents Worldwide* and Growing

Blue-Chip Customer Base

- Displays: Samsung, LG Display, BOE, Tianma, TCL CSOT, Visionox
- Lighting: Kaneka, OLEDWorks, Sumitomo Chemical
- Partnering with *more than* 25 companies

*As of March 31, 2026