



Issue: 10

Date: October 2025

OSE ESG Newsletter Issue

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公司治理暨永續經營委員會



圖片來源：Canva

Updated Carbon Law Reveals: Emissions Must Drop 12% Per Year

Forbes / Aug 21, 2025

The world is rapidly running out of time to stop catastrophic climate impacts. According to an investigation by Swedish nonprofit, Klimatkollen, carbon emissions must be halved by 2030 for a chance of limiting global warming to 1.5°C. ...

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Europe accelerates shift to circular economy with new legislation and ambitious targets

Open Access Government / Sep. 30, 2025

As pressures continue to mount on the planet's ecosystem, the European Union is moving away from the traditional "take, make, dispose" model

The EU is advancing toward a circular economy, where products and materials are reused, recycled, and kept in circulation for as long as possible....

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Sustainable Development Report 2025: Only 17% of Global Targets Achieved, Funding Gap Emerges as Key Barrier

CSR ONE / July 22, 2025

With just five years remaining until 2030, the Sustainable Development Report 2025 reveals that global progress toward the Sustainable Development Goals (SDGs) is seriously off track...

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[Sustainable Development Report 2025](#)



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Taiwan's Semiconductor Industry Relies on Russian Naphtha, Raising Dual Risks for Economy and National Security

GVM ESG / Oct. 22, 2025

Taiwan's semiconductor and high-tech industries play a pivotal role in the global economy. However, a recent investigation reveals that Taiwan may be unknowingly placing its economic lifeline in Russia's hands.....

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Strong AI Demand Drives Power Needs: Taiwan's Ministry of Economic Affairs Projects 1.7% Annual Growth Over the Next Decade

Commercial Times / Sep. 26, 2025

The Ministry of Economic Affairs has released the 2024 National Power Supply and Demand Report, outlining electricity demand forecasts and power development plans through 2034. According to the Energy Administration,...

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Asia Pacific Circular Economy Roundtable & Hotspot 2025: Taiwan's Circular Economy Roadmap Unveiled for the First Time

Commercial Times / April 29, 2025

Minister of Environment Tzi-Chin Peng unveiled the draft of Taiwan's Circular Economy Roadmap at the 2025 Asia Pacific Circular Economy Forum.....

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First Global Evidence Confirms Ocean Alkalinity Enhances CO₂ Absorption — NSYSU Research Published in International Journal

CAN/ Sep. 18, 2025

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How Is TSMC Transitioning to Net Zero? Full Disclosure on Green Energy, Carbon Reduction, and Recycled Water

GVM ESG / Oct. 21, 2025

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Carbon Fee to Begin in 2026: Steel and Cement Industries Face Major Tariff Impact; Ministry of Environment Considering Deferred or Installment Payments

ESG Business Today / Sep. 23, 2025

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Image Source : OSE



Health UP! Workplace Wellness Guide – From Prevention to Care, OSE Stands with You in Safeguarding Health

In 2025, the OSE Health Management Center set its core mission as “building a healthy and vibrant workplace environment.” Based on employee survey feedback, a series of diverse health promotion programs were carefully designed, covering prevention, screening, and care, and integrating the three major aspects of exercise, nutrition, and mental health—providing all-round protection for employees’ well-being.

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OSEx NSYU | Fostering Sustainable Talent Development in Semiconductor Packaging & Testing

Since 2022, OSE has partnered with the College of Semiconductor and Advanced Technology Research at National Sun Yat-sen University (NSYU) to launch the Semiconductor Packaging & Testing Talent Cultivation Program. This initiative, in alignment with the National Key Domain Industry-Academia Collaboration and Talent Cultivation Innovation Act, represents a ten-year collaboration dedicated to fostering sustainable talent for the semiconductor packaging and testing sector....

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Image Source : OSE



Image Source : TALENT, in Taiwan

OSE Joins the “2025 TALENT, in Taiwan – Taiwan Talent Sustainability Action Alliance” Declaration

Orient Semiconductor Electronics., Ltd. firmly believes that talent is the cornerstone of sustainable corporate development. Upholding our core values of “Integrity and Sustainable Management,” we are committed to creating a workplace that embraces diversity, inclusion, health, and growth. In response to the call of the “2025 TALENT, in Taiwan – Taiwan Talent Sustainability Action Alliance,” OSE officially joins the initiative, pledging to take concrete actions to cultivate talent sustainability and collaborate with alliance partners to build a better future.

We will continue to optimize the workplace environment and take concrete actions to strengthen labor relations. Looking ahead, we will continue to deepen its talent development strategies and support initiatives in collaboration with CommonWealth Learning and over 500 alliance partners. Together, we aim to create a better future for every worker. Let us make change visible through ongoing commitment and investment, achieving a win-win outcome for both enterprises and talent, and co-creating a sustainable future.

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Image Source : OSE

OSE Partners with Wenzao Ursuline University of Languages to Host the “Multicultural Market,” Fostering a Culturally Inclusive Workplace

To promote workplace diversity, inclusion, and cultural understanding, OSE with Wenzao Ursuline University of Languages Department of Southeast Asian Studies to host the “Multicultural Market.” The event showcased the rich cultural heritage of Vietnam, Thailand, Indonesia, and the Philippines, drawing enthusiastic participation from employees and students alike.

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ESG Info-PCR (Product Category Rules)

- Product Category Rules (PCR) within the scope of carbon footprint are a set of specific rules, requirements, and guidelines used when one or more products undergo third-party environmental declarations for carbon footprint quantification and communication.
- These rules ensure that assessments within the same product category are consistent and comparable, establishing industry standards. This allows similar products from different companies to be evaluated fairly and produce results that can be compared with those from other manufacturers.
- Due to the diversity of products on the market, with varying manufacturing methods, materials, and processes, PCRs can be applied for by manufacturers to the competent authorities. Once the review process is completed, they become the specific PCRs that can be followed by the industry.
- Currently, PCRs do not have global uniformity. Additionally, carbon labels and third-party verification statements cannot be universally applied across countries and should adhere to the regulations of the respective country. If relevant PCRs are available during the product carbon footprint inventory, they should be adopted.

OSE Official Links

Corporate official website

- <https://www.ose.com.tw/index/>

ESG web page

- <https://esg.ose.com.tw/>

Facebook

- https://www.facebook.com/OSEjoinus/?locale=zh_TW

104 Manpower Bank Page

- <https://www.104.com.tw/company/14vys25k>

ESG Websites

Whole-of-Society Defense Resilience Committee, Office of the President

- <https://www.president.gov.tw/Page/716>

National Councils for Sustainable Development, Executive Yuan

- <https://ncsd.ndc.gov.tw/Fore/en/Taiwansdg>

Industrial Sustainable Development Clearinghouse, Industrial Development Bureau, MOEA

- <https://proj.ftis.org.tw/isdn/>

Greentrade, Bureau of Foreign Trade, MOEA

- <https://www.greentrade.org.tw/>

IFRS Front, Taiwan Stock Exchange (TWSE)

- <https://isds.tpex.org.tw/IFRS/front/#/main/home>

Taiwan Carbon Solution Exchange, Taiwan Stock Exchange (TWSE)

- <https://www.tcx.com.tw/>

ESG IR Platform, Taiwan Depository & Clearing Corporation (TDCC)

- <https://irplatform.tdcc.com.tw/ir/en/front/index>

Kaohsiung Climate Change, Environmental Protection Bureau Kaohsiung City Government

- <https://khsclimatechange.kcg.gov.tw/>

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