

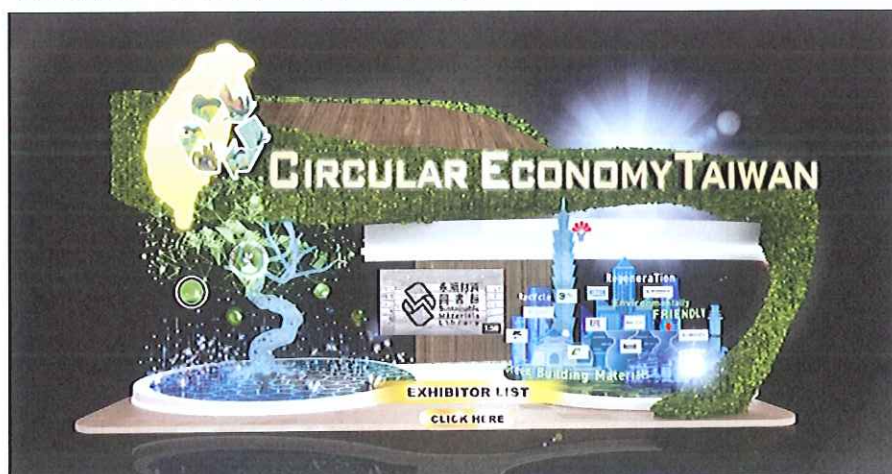
循環經濟正夯臺灣中小企業永續循環專館」於 IGEM 線上展接軌國際

根據麥肯錫顧問預估，循環經濟將在 2030 年創造全球一年 1.8 兆歐元的經濟利益，臺灣循環經濟產業亦為「5+2」產業創新重點政策之一，業者實力不容小覷，今年更組團參加馬來西亞 IGEM 展，展出品項自居家飾品、生活用品、綠建材、醫材、布品等，全方位展示臺灣循環經濟產業實力。

馬來西亞綠色科技展(International Greentech & Eco Products Exhibition & Conference Malaysia, IGEM)為東協市場最具規模的循環經濟展會，自去年起改為線上虛擬展會形式舉辦。此次臺灣展商以「臺灣永續循環專館 (Circular Economy Taiwan Pavilion)」為主題，邀集碩碧、晶泰水泥、萊錳、美科、麥邁、豐成、境東、環海淨塑、東芳、仁美等公司及相關合作計畫團隊，共同展出臺灣綠色永續技術與產品，內容包含橡塑膠回收水刀處理技術應用、柚香抽取物製品與技術；再生塑料製作的容器產品、與木頭混鏈的塑膠地板、洗髮瓶罐；亦有石材廢料文創商品、陶粒夾層的隔熱磚、攜帶式呼吸器等，展品多樣且應用領域多元，顯示臺灣業者創新能力。

此次臺灣專館當中，亦規劃展出「臺灣永續材質圖書館(Sustainable Materials Library, 簡稱 SML)」成果。該圖書館 2020 年創立的，包含七大類永續材料：塑膠、纖維、橡膠、金屬、礦物、天然材料及其他類，線上資料庫館藏超過 450 件 MIT 綠色永續材質，將透過此次國際展曝光機會，資料庫同步提供線上材質媒合，推廣更多臺灣永續材質給海內外企業開發出優質精緻產品，以提高臺灣循環經濟產業國際聲量。

Covid-19 疫情讓大家重新思考人類與環境的關係，永續生活成為普世價值，循環經濟所掀起的全球製造業革新已成為必然趨勢，本次「臺灣循環經濟館」透過不受時空限制的虛擬展會，讓臺灣業者突破疫情、接軌國際，把握國際循環經濟商機。



圖：Circular Economy Taiwan Pavilion in IGEM Virtual 2021

IGEM Virtual 2021：virtual.igem.my

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Circular Economy Taiwan Pavilion engages with international visitors at IGEM Virtual, as recycling economy gains in popularity

According to research undertaken by global management consulting firm McKinsey & Company, the circular economy is projected to create an annual economic benefit amounting to 1.8 trillion euros globally by 2030. Taiwan's circular economy is also part of the island's 'Five Plus Two Industry Innovation Plan', while the prowess of the industry players involved should not be underestimated. This year, the Plastics Industry Development Center organized a delegation to participate in the International Greentech & Eco Products Exhibition & Conference Malaysia (IGEM), exhibiting items ranging from home accessories to household products, green building materials, medical materials and fabrics, to showcase the breadth and range of Taiwan's circular economy in all aspects.

IGEM is the largest circular economy exhibition in the ASEAN market. Since last year the event has been held online. At the Circular Economy Taiwan Pavilion, Taiwanese exhibitors and associated collaborative project teams, including Sou Pi, Jing Tay Cement, Somnics, Cimatrix International, MaiMai, Fonchang Enterprise, Jing Dong Landscape, Blue Ocean Vision, Eastem Plastic Enterprise and Junmay, exhibited a lineup of Taiwan's green and sustainable technologies and products, including a waterjet-based technology for recycling used and discarded tires, pomelo extraction-based products and technologies; recycled plastics-based containers, plastic flooring mixed with wood, shampoo bottles and jars, cultural and creative goods made of discarded stone dust, heat insulation tiles containing a suspension of ceramic particles, and portable respirators. The variety of exhibits and applications show the innovative capabilities of Taiwan's industry players.

Exhibitors at the Circular Economy Taiwan Pavilion also plan to exhibit the achievements of the Sustainable Materials Library (SML). The library, established in 2020, features seven categories of sustainable materials: plastics, fibers, rubber, metals, minerals, natural materials and others. The database will seize the opportunity of exposure at this international exhibition with an online material matching platform that will give manufacturers worldwide looking to develop high-quality, exquisite products access to a wide range of sustainable materials from Taiwan, with the end goal of enhancing the international reputation of Taiwan's circular economy.

The COVID-19 pandemic has led many to reimagine the relationship between human beings and the environment, moving a sustainable lifestyle one big step closer to becoming a universal value. As a result, innovation in the global manufacturing sector due to the rise of a circular economy is a trend that has taken on an aura of inevitability. The Circular Economy Taiwan Pavilion has given the island's industry players an opportunity to move beyond the limitations created by the pandemic, engage with international visitors and start conversations that can lead to new businesses and new projects driven by the international circular economy through a virtual exhibition that is not restricted by time and