



超越圈圈
CIRCULAR - CROSS

FUTURE
ALL
TOGETHER



投資我們的星球

2030超越圈圈

循環經濟新創展

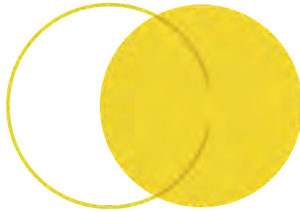
CIRCULAR INNOVATION EXHIBITON

2023.10.17(二)-10.22(日) AM 10:00 - PM 17:00

國立臺灣科學教育館(111台北市士林區士商路189號)



主辦單位: 環境部資源循環署 | 承辦單位: 康城工程顧問股份有限公司
總策展單位: 有春文化有限公司 | 協辦單位: 國立臺灣科學教育館



超越圈圈 | FUTURE
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LOGO由一個圈、一個圓所構成，圓形是滾動的由左邊滾動至右邊，意即實的圓已超越虛的圓，是為超越圈圈的概念。

左邊的圈隱藏了一個月亮；右邊的圓則代表太陽，以此表示日夜更替的每個日常。圈是C、圓是O，兩個圓形是Two，藉此提倡日常減碳。CO-在英文中代表together，意即一起、合作，說明超越圈圈、日常減碳需要人們一起參與、合作。

LOGO亦象徵無限符號的循環。

目錄

循環經濟新創展區

序言 PREFACE	01
長官的話 THE PRESIDENT OF EPA	02
策展人理念 THE CURATOR	04
循環經濟介紹 INTRODUCTION	05
氣候收據 CLIMATE RECEIPT	06



循環經濟新創品牌

循環設計 CIRCULAR DESIGN	07
循環材料 CIRCULAR DESIGN PRODUCTS	18
循環文創 CULTURAL AND CREATIVE INDUSTRY	29
共享租賃 SHARING ECONOMY	41
非營利組織 NONPROFIT ORGANIZATION	48
專題報導	54



序言

preface

命名「超越圈圈 Future All Together」，我們將以2030做為一個期限目標，以「超越圈圈」做為跨領域超我的思想，推動企業參與ESG(Environmental, Social, Governance)實際減碳目標，以因應全球氣候暖化所帶來的災害做預防。

2023年主視覺主題為孩子以行動力共創地球，同時呼應今年地球日主題「投資我們的星球」，循環經濟新創展覽已邁入第四年，已邀請近200多家不同新創團隊參與，我們不斷嘗試循環經濟路徑的各種可能性，距離2030年的倒數，需要更多不同族群及夥伴共同參與來建立永續淨零路徑。從教育出發，期望推廣至各校園，成為教育可應用及發展之教案模式，建立學校長期投入並與社區合作之機會。

"Circular Circle Future All Together" is our initiative with a target deadline of 2030. The concept of "Circular Circle" represents interdisciplinary thinking to encourage businesses to actively engage in ESG (Environmental, Social, Governance) initiatives and practical carbon reduction goals in response to the global climate crisis.

In 2023, our primary visual theme revolves around empowering children to take action collectively for the Earth, aligning with this year's Earth Day theme, "Invest in Our Planet." Our circular economy innovation exhibition is now in its fourth year and has invited participation from nearly 200 different startup teams. We are continuously exploring various possibilities within the circular economy framework.

As we count down towards 2030, we recognize the need for a more diverse range of stakeholders and partners to join us in establishing a sustainable net-zero path. Starting with education, our aim is to promote these initiatives in schools, creating a model for educational application and development. We aspire to foster long-term engagement from schools and promote collaboration with communities.



長官的話 The President of RECA

「2030 超越圈圈 — 循環經濟新創展」，是我們共同的理想，一個讓台灣更綠、更美好的願景。我們誠摯邀請各界攜手合作，以台灣的長遠發展為目標，共同努力。今年將是我們邁向綠色未來的重要一年，讓行動成為改變的起點。

資源循環署成立後，將以「3大循環策略」、「2大驅動支柱」為施政主軸。包含「綠色設計源頭管理」、「能資源循環利用」、「廢棄物量能平衡及管理」等3大策略，並串聯上、中、下游產業暢通循環網絡，同時發展創新技術與制度，作為支持驅動資源循環的支柱。讓我們共同堅守對自然環境友善的生活方式，鼓勵產業創新轉型，為實現2050年的淨零排放目標奮力前行！

資源循環署署長



長官的話 The President of NTSEC

科教館為科普教育機構，長期以來推廣科學教育結合生活環保，友善環境活動，呼應聯合國SDGS永續發展目標。例如本館生物多樣性常設展區呈現對原住民糧食作物、森林與海洋的保育工作，期待觀眾對地球生態有更多的關注與思考，館內的環境教育課程，則探討各種污染與廢棄物處理議題，透過製作再生紙等實作課程，讓人們學習與環境友善和諧共存的重要性。本館展覽品、課程與本次循環經濟創新展相關內容，將帶給大眾更加認識循環經濟概念，友善地球。

National Taiwan Science Education Center is a popular science education institution. For a long time, we have devoted scientific education connecting with the issues of environmental protection and friendly ecosystem. This could meet the sustainable development goals of the United Nations. For example, the biodiversity exhibition presents that we have made an effort to conserve original crops from aborigine, and what we do to protect forests and oceans. We expect the visitors to pay more attention to and think about the earth's ecology. The environmental education courses in the center explore various pollution and waste disposal issues. Through practical courses such as making recycled paper, let people learn the importance of harmonious coexistence with the environment. The center's exhibits, courses, and this circular innovation exhibition will bring the public a better understanding of the concept of circular economy and be more friendly to the earth.

國立臺灣科教館館長

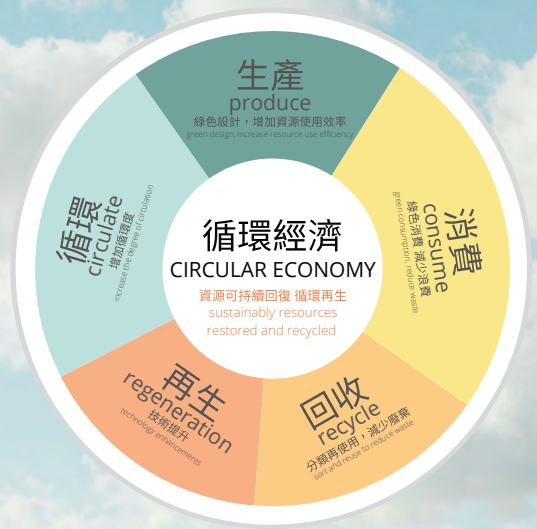
劉火欽



策展人理念 the curator

在「2030超越圈圈」超越自我之概念下，我們從新創展、市集策動、店家推廣、學校合作，超越圈圈策展試圖創造「梅迪奇效應」（Medici effect），透過「異場域碰撞的交會點」，在不同領域和文化的構想交流與激盪，最後引發創新及突破方式。期待串聯更多場域持續性的參與，建立完整的永續路徑，為未來七個世代的孩子留下的乾淨的地球。持續行動，是產生力量的方式。

With 2030 Circular Circle superego thinking, we start with new innovation exhibitions, market initiatives, store promotion, school cooperation, and the establishment of Youchun Cultural Community. For example, the countdown to 2030 relies on the participation of different ethnic groups and partners to establish a sustainable net zero path, while a curator tries to create the "Medici effect". Through the intersectional point where different fields collide, ideas exchange and surge in different fields and cultures. Therefore, this will eventually lead to innovation and breakthrough methods. We look forward to the continuous participation of more disciplines to not only establish a complete sustainable path, but to also leave a clean earth for the children of the next seven generations.



循環經濟是一種再生系統，藉由減緩、封閉與縮小物質與能量循環，使得資源的投入與廢棄、排放達成減量化的目標。循環經濟有很多不同的定義，好比說是一個未來真正可永續發展、零浪費，並可與我們所處的環境和所擁有的資源共生的想法。循環經濟所構築的未來是所有製造生產的每個產品都經過精心設計，並可用於多個循環來使用，不同的材料與生產製造的循環皆經過仔細考量搭配，如此一來，一個製程的輸出始終可成為另一個製程的輸入。

在循環經濟中，將是零排放、零廢棄，所生產出的副產品或受損壞的產品或不再想用的貨物並不會被看作是“廢物”，而是可成為新的生產週期的原材料和素材。

Circular Economy is a regenerated system using slowing down, closed and reduced material and energy circulation to achieve the goal - reduction of resource input and waste, and emission. There are several different definitions of Circular Economy, you can say it is an idea of a sustainable developing, zero wasting future, and it can symbiosis with our environment and resources. All products are all carefully designed and are able to used in several circulations in the future constructed out of Circular Economy, the different materials and the production circulations are also carefully organized result in an output becoming an input from a production to another.

It will be zero emission and zero waste in Circular Economy, all by-products or damaged products which are produced in it are not going to be seen as "rubbish", they are going to be the original and raw materials for the new productions.

氣候收據

說明：計算節省的碳排放量



節省碳排放量	KGCO ₂ E
改良前後產品碳排占比 相當於種下之樹木數量	% 棵

建立碳排大數據資料庫，根據不同產品或行動計算總碳排放量，進一步製作成氣候收據，提供企業及民眾採購所產生之碳排總合及可調整之建議。集合群體的減碳力量，建置以氣候時鐘為概念的減碳時間及數據指標。

由氣候數據團隊與專業相關單位合作，建立氣候收據計算系統，串聯有春文化策略聯盟百餘家之循環經濟企業做為示範廠商，提供成功案例以連結各大企業執行。

與藝術家合作增加氣候收據識別度，配合宣傳推廣培養民眾使用習慣，擴大觸及範圍及影響力。

You Chun has established a carbon emission database to calculate total carbon emissions corresponding to different products or actions, produce climate receipts, and provide information on the carbon emissions generated by corporate and consumer purchases. We pool people's carbon reduction power, and build carbon reduction time and data indicators based on the concept of climate clock.

The climate data team cooperates with professional relevant units to establish a climate receipt calculation system, connecting more than 100 circular economy enterprises in the Youchun Cultural Strategy Alliance as a demonstration manufacturer, providing successful cases to connect major enterprises for implementation.

In order to expand it's the reach and the influence of climate receipts, we cooperate with artist to improve the recognition of climate receipts, and we also cultivate public's habits via marketing and promotion.



真心堡生態農園



【真心堡生態覺醒家園】真心堡移除山地檳榔，將台灣原生樹種混植，營造生態森林18年，復育面積近四公頃，是山羌野豬百鳥的家。真心堡開發森林及友善農耕產品，用原生種植物草藥文化為基礎，做成酵素能量飲品、綠色生活用品、養生食品等，並回收廢果皮做成環保酵素農業資材，也以森林廢木材為藝術創作。2022年起動地方創生，打造嘉義縣中埔鄉祖厝為藝術光廊，搭配生態林的森林療癒之旅、野菜蔬食餐、獨特的身心靈體驗等，實踐綠色善循環金流目標。

The Ecological Awakening Garden: Truly Fort

Truly Fort has removed four hectares of betel nut trees and replaced them with Taiwanese native tree species, the recreation forest has become the home of wildlife for around 18 years. We apply resources in the forest to produce our environmentally friendly products, such as fermented energy drinks, daily necessities, and organic foods. In addition, we recycle the fruit peel to make enzyme agriculture materials and wood to create art collections. In 2022, we joined the Zhongpu Township local creation project, and the following list is our goals for the project:

- * Build an art gallery from our ancestral house
- * Lead a short trip to our ecological forest
- * Promote wild vegetable meals
- * Create a unique physical and spiritual experience
- * Allow resources to flow back to the environment.



創辦人 陳錫卿

滴水綠化全世界：酵素水來自復育大地的植物，讓人健康、大地再生，是綠化一切的法水

The founder of Truly Fort, Xiqing Chen, is an educator of environmental and agriculture conservation and an NGH International Hypnosis Lecturer. Xiqing grew up in the mountains, which is the reason why he is super familiar with the local herbal plants. He has been a long-term environmental volunteer at Tzu Chi. He came out with the slogan, "A drop of water greens the entire world", which has the meaning that the enzyme water comes from plants, and the ability of the enzyme water can regenerate the earth, and make people healthier, like magic water that greens everything.



介紹影片



Tasteme 惜食X嘗鮮



台灣一天累積的廚餘桶，可以堆高3700棟101大樓。2022年推估台灣一年就浪費360萬噸，約4,000億台幣，並約有三分之二的食物浪費發生在零售端，與此同時，這類食物透過掩埋方式處理後會成為溫室氣體的主要來源，使地球暖化更加嚴重。Tasteme為惜食共享平台-良食循環經濟-以虛實整合(OMO)提供對店家(B2B)及消費者(B2C)雙方交易媒合；協助店家及各種時效性的產品。截至2023/04，tasteme已經成功的幫助地球減少了90,480公斤的食物浪費以及226,200公斤的碳排放。

In Taiwan, the accumulated kitchen waste bins in a day could stack up to the height of 3,700 Taipei 101 skyscrapers. In 2022, it was estimated that Taiwan wasted 3.6 million tons of food, costing around 400 billion Taiwanese dollars. Approximately two-thirds of this food waste occurred in the retail sector. Concurrently, when this type of food waste is disposed of through burial methods, it becomes a significant source of greenhouse gases, exacerbating global warming. Tasteme serves as a food-sharing platform that operates within a circular economy framework, integrating both virtual and physical aspects. It facilitates transactions and connections between businesses (B2B) and consumers (B2C). We are aiming to become the largest food-sharing platform in the Asia-Pacific region as a medium-term goal. As of April 2023, Tasteme has successfully helped reduce 90,480 kilograms of food waste and 226,200 kilograms of carbon emissions, contributing positively to the Earth's sustainability efforts.



創辦人 葉柏軍

節省多少，代表你幫助了地球多少！

The more you save, the more you help the earth!



介紹影片



和木相處



運用循環經濟理念提高剩木器傢俱製造廠所產生出的多餘木料角料加以回收再利用，並藉由木工工藝特色提升原民特有圖騰文化特色及工藝價值。減少讓餘、廢木料燃燒對環境空氣污染的二次傷害以及隨意棄置傾倒導致環境髒亂。因應CITES公約管控瀕危木材的瀕危木材範圍，減緩木料木材的砍伐，在環境永續上有所作為。

The concept of circular economy is used to improve the recycling of excess wood scraps produced by wood furniture factories, and enhance the cultural characteristics and craft value of unique Indigenous designs through the characteristics of woodworking craftsmanship. We reduce the secondary damage to environmental air pollution caused by the burning of waste wood and random disposal and dumping. In response to the CITES Convention, we control the range of endangered timber in danger and slow down the deforestation of wood and timber, and make a difference in environmental sustainability.



創辦人 陳青正

相信自己，堅持向著標竿直跑。

Believe in yourself, and persevere towards the goal.



介紹影片



森林循環湖口創生



「樹木雖離根，卻能在每一個人心中紮根。」

團隊尊重每一份天然資源，每一棵樹木的成長都來之不易，對於地球的愛護，身為居住者之一的我們必須挺身而出，台灣一年進口木材與家具近 700 萬公噸，但國產材利用與家具創作卻甚為稀少，如果能夠善用原本就需疏伐的廢棄林木，進行「零廢棄」的過程，創造森林循環的產業生態系，不僅可以提升廢棄林木的使用效率，另一方面也能促進林木產業鏈的經濟效益。因此團隊與政府單位、在地學校等數十個國中小及大學合作，透過演講分享森林循環再利用，鼓勵更多企業與年輕人一起加入發展生態永續的循環經濟。以提出不一樣的思考與積極作法—技術修補、價值陳述、循環創生，不再視為林廢、林剩餘，將其轉為林資材，達到樹木紮根於心的力量。

“Wood takes root in everyone’s heart”

Our team respects each natural resource. Every tree is hard to come by. As one of the inhabitants of the earth, we must step up to the plate to care for it. Taiwan imports nearly 7 million tons of wood and wooden furniture a year, but the use of domestically produced wood and furniture creation is very rare. If we can make good use of the trees that need to be pruned and cut down to achieve “zero waste” and create a forest cycle ecosystem, we can improve the utilization rate of abandoned wood on the one hand, and promote the economic benefits of the forest tree industry chain on the other. The team collaborated with the government, junior high schools, elementary schools, and universities to share their views on forest recycling and encourage more enterprises and young people to join in developing an ecologically sustainable circular economy. The team proposed a brand-new thinking and a positive approach - technical repair, value statements, and recycling - to turn waste wood into resources and to achieve the power of rooting trees in people’s hearts.



創辦人 陳偉誠

「善山豐盛全材使用，創造森林永續、生物多樣性，共好共生。」創辦人陳偉誠帶領充滿行動力與創造力的團隊，將過往不起眼的果樹、校樹及企業修枝回收並分類再應用。全循環跨域7個不同業態合作，將年600公噸的林修枝料源創造出逾8000萬的銷售額，也將料源支持用於700位返鄉青年身上，傳承匠師技術，創造出精彩的REWOOD森林循環國產材傢俱以及生物炭及木酢清潔等一系列森林生活風格產品。

Founder's Quotes from REWOOD Wood Vinegar Expert:

“In utilizing the abundant materials from the mountains, we create forest sustainability and biodiversity for mutual prosperity. Led by the founder, Chen Wei-Cheng, a dynamic and creative team at REWOOD collects and categorizes previously overlooked fruit trees, campus trees, and corporate pruning waste for reapplication. Through cross-domain collaboration across seven different industries, they’ve transformed an annual source of 600 metric tons of forest pruning materials into over 80 million in sales. This resource also supports 700 young people returning to their hometowns, passing down artisanal skills and creating the splendid REWOOD line of domestically-produced furniture and a range of forest-lifestyle products including biochar and wood vinegar cleaners.”



介紹影片



大春煉皂



創辦人李水土爺爺曾對孩子們說：「我們的產業，是每天都會使用的，對環境要有責任。」大春煉皂用皂香在肌膚留下的印記，透過耆老鄰居的溫熱回憶，交織著李水土爺爺交付後代的使命，未來的日子，將賦予皂品更多意義，展開多面向的敘事旅程。

我們謹記著爺爺交付的使命，秉持品牌初心：「對大地謙卑、對生命尊重」啟動百年初心回收皂計畫。文明世界經濟活動蓬勃發展，每一天都有成千上萬的肥皂被浪費，作為台灣在地製造產業亦對居住環境與社會盡一份心力，期許在2023年10月15日「國際洗手日」回收製作產品捐獻給需要的單位與團體，推廣以皂清潔除了對環境友善還能積極防疫，秉持以潔淨永續的精神推動「皂產業」的實際循環經濟面。

Dachun founder Grandpa Li Shui-Tu once said to his children: "Our products are used by people every day, so we have a responsibility to protect our environment." Dachun Soap leaves a delicate and lasting impression on the skin with its fragrance, evoking the warm memories of local elders and loyal users, intertwined with the mission Grandpa Li Shui-Tu entrusted to the next generation. We are firmly dedicated to the mission entrusted by Grandpa Li to uphold the brand's spirit: "Be humbled by nature, and respect all life." Therefore, we have launched the "Centennial Soap Recycling Mission," promoting the spirit of cleanliness and sustainability, propelling circular economy in the soap industry through concrete action.



創辦人 李水土

對人對地皆友善，永續、共生、共存

We are contributing to the sustainability of the planet that we so dearly love and cherish.



介紹影片



林也小院



林也小院致力於循環經濟實踐。我們負起生產責任，透過全台經銷單位及便利超商系統，提供全產品含包裝、包材全回收機制，負擔回收運輸產生的費用，並提供20元的回收獎勵金。在包裝包材設計上使用可再生、可分解、可再利用之原料，減塑、減量，創造一個具價值性的循環機制。同時，我們的循環經濟計畫包括將每筆營收的5%撥作支持中央山脈原生林復育的資金。這項計畫不僅有助於維護生態平衡，也將我們的經營成效與環境保護緊密連繫，體現了我們對環境永續和社會責任的承諾。

Livesyard is dedicated to the implementation of circular economy principles. We incentivize customers to recycle product packaging, such as empty product cans, by offering a recycling reward of \$20 NTD. This initiative promotes resource reutilization, waste reduction, and value generation within the circular system. Simultaneously, our circular economy program involves allocating 5% of every revenue to fund the restoration of native forests in the Central Mountain Range. This initiative not only contributes to upholding ecological equilibrium but also intimately connects our business endeavors with environmental preservation, showcasing our unwavering commitment to environmental sustainability and social responsibility.



創辦人 蔡致蕙

我相信在對與錯、好與壞、消耗耗費與節約固著之外，一定還存在有一條道路：一條需要透過觀察、洞察，可以走上的“依循自然且達到萬物平衡之道”... 而那就會是一條真正永續的途徑，也是我們這座星球的全體生命、非生命希望續存的唯一方式。

I believe that in addition to right and wrong, good and bad, consumption and saving, there must be a way: "A way to follow nature and achieve the balance of all things that can be embarked on through observation and insight". And that will be a truly sustainable path, and the only way that all life and non-life on our planet can hope to continue to exist.



介紹影片



合隆羽藏
HEALTH LIFE

合隆毛廠股份有限公司



TOTAL CARE 保養清潔服務、舊翻新服務

羽絨產品用久髒掉了, 只能丟掉嗎?

合隆提供羽絨產品的清潔保養及舊翻新服務, 內芯羽絨清潔保養, 外層表布洗淨或換新, 延長商品壽命, 減少丟棄, 友善環境。

TOTAL CARE是全方位羽絨管家, 傳承合隆毛廠百年羽絨專業底蘊, 針對消費者生活遇到的羽絨製品問題, 提出全方位解決方案。

羽絨的好在於其獨特天然特性, 可經過專業羽絨處理程序, 恢復羽絨延長使用壽命。我們希望以百年專業, 提供顧客最專業、最便利的服務, 並延長羽絨產品使用壽命, 一起與顧客在生活中實踐永續、愛物理念。

TOTAL CARE is the expert in down maintenance services, inheriting a century of expertise from HOP LION FEATHER WORKS CORP. We provide comprehensive solutions for everyday consumer issues with down products.

The beauty of down lies in its unique natural properties, wherein it's lifespan can be extended through professional down treatment processes. With our century-long expertise with down, we aim to offer customers the most professional and most convenient services, extending the lifespan of down products to endure with customers in their everyday practice of sustainability and cherishing possessions.



創辦人 陳彥誠

「與時俱進」才能在環境中求新求變, 而家風傳承下來的「使命感」是支持我一直走下去的精神支柱。

Having inherited 114 years of experience in the down and feather industry, the Hop Lion team is advancing with the times, adapting to a changeable environment.



介紹影片



七逃藝術



以循環設計推動循環工藝的新創產品設計公司，開發減塑環保產品，如食物袋、蔬果袋、蜂蠟袋等。專注「循環設計產品」、「循環設計體驗」與「推廣永續議題」。推廣重複使用、物盡其用觀念，賦予客戶資源再生、產品循環創新價值。

藉由設計跨領域整合、異業合作模式，積極研發NG水泥袋、咖啡麻布袋等循環設計產品，呈現永續時尚美感。透過循環設計帶動地方創生，常舉辦舊衣改造、植物染、蜂蠟布等循環工藝體驗特色活動。

We are a new product design company that promotes circular technology with circular design, and develops plastic-reducing and environmentally friendly products, such as food bags, vegetable and fruit bags, and beeswax bags. We focus on "Circular Design Products", "Circular Design Experience" and "Promotion of Sustainable Issues". We promote the concept of repeated use and making the most use of everything, and give customers the value of resource regeneration and product cycle innovation.

By designing cross-field integration and cross-industry cooperation models, we actively develop circular design products such as NG cement bags and coffee sacks, presenting a sustainable fashion aesthetic. Through circular design we drive local creation, special activities such as recycling old clothes, plant dyeing, and making beeswax cloth are often held.



創辦人 邱千芳

「物盡其用」×「從心找回學習縫紉&工藝的樂趣」= 落實循環經濟生活美學



ZERO BOTTLE



改變日常生活用品的消費模式，透過「循環瓶器服務」創造對環境與未來更永續的生活願景。

ZERO BOTTLE是一家循環瓶器服務公司,推出個人清潔保養洗沐用品,於網路平台與實體店鋪販售;消費者使用完畢後,可於多個指定地點歸還,並獲得優惠折扣;接著由物流將空瓶運送至清洗廠清洗、代工廠填充、回到販售通路重新販售。

循環填充的概念可運用在不同類型企業,如美髮店/旅店/保養化粧品,凡是有瓶器需求的企業皆是我們的合作對象。ZERO BOTTLE提供瓶器盛裝合作企業的內容物,並於用罄後提供物流、清洗、再填充、重新上架的完整服務。

ZERO BOTTLE uses circular economic thinking, aiming to reduce the plastic pollution of cleaning products by collecting and re-filling containers after use.

The first product launched by ZERO BOTTLE is a plant-based shampoo, which has been on sale in up to 10 stores in different counties in Taiwan. Customers can get coupons when they return bottles at spots near their house.

By transporting and re-filling, we made ZERO BOTTLE a sustainable product, and the cost is lower than recycle or decomposing it to raw material, which are commonly implemented by other companies.



創辦人 TOBY

「簡約·純淨·永續的風格,你值得擁有。」

Love the Earth more, be more eco-friendly.



介紹影片



官田烏金



官田是菱角的主要產地，然而伴隨而來的大量廢棄菱角殼，卻成為當地環保的頭痛議題。為了以友善環境、永續循環的方式賦予廢棄物新生命，我們結合產業、政府、學校及社會的力量，推出以循環經濟為核心之品牌—「官田烏金 Guantian Black Gold」，將菱角殼轉變成烏金—菱殼炭，並推出一系列菱殼炭生活用品；同時園區內的專利製炭系統除了產出產品外，更因配有完整「熱源再利用系統」及「太陽能電力系統」，成為循環經濟應用的典範。除了商業上的營運，我們也藉由多樣化的園區導覽遊程，推廣友善地球、循環經濟之理念。

As the main farming area of water caltrop, Guantian district holds account for 90 percent of output in Taiwan. But thousands of metric tons of waste shells are burned or buried each year, causing significant environmental concerns. In order to solve this problem in a sustainable way, we brought together resources of industries, government, schools and communities and launched a new brand focusing on circular economy, “Guantian Black Gold” .

To solve the environmental problem, we developed an incineration system to turn the shells into biochar, a form of charcoal often described as black gold. The biochar was developed into a series of daily products. In addition to its output, our manufacturing area also sets an example of circular economy with its heat reusing system and solar electric system. Besides our commercial operation, we also provide guided tours to share ideas of circular economy and an eco-friendly way of living.



創辦人 李政憲

這世界上沒有廢棄物，只有錯置的資源。

There' s no such thing as waste, only resources in the wrong place.



介紹影片



our 德和社區
德和社區



銀合歡材質環保家具

銀合歡為國內三大綠癌之首，協會主要計畫內容即是將惡木變黃金，減少銀合歡對森林的破壞及將其銀合歡的廢木再生各類再利用商品。例如做成獎牌、獎盃，取代常用的塑膠、電鍍等非環保材質製品，或是做成原木裝潢與家具，質感好、美觀、耐用，減少化工製品的產生，並抑制外來種植物的擴散。另有德和古道特色導覽與木工DIY體驗，是學習、知識、健康、環保的好去處。

The *Leucaena leucocephala*, as one of the top three major invasive species in the country, is the main focus of the association's projects. The main objective is to turn this harmful tree into "golden" resources. For example, we plan to create medals and trophies to replace commonly used non-environmentally friendly materials like plastic and electroplating products. Additionally, we aim to utilize the wood for interior decoration and furniture, providing high-quality, aesthetically pleasing, and durable products while reducing the production of chemical materials and restraining the spread of invasive plants.

Furthermore, the association offers special guided tours highlighting the unique features of the German and Ancient Trails, as well as woodworking DIY experiences. It serves as an excellent destination for learning, gaining knowledge, promoting health, and fostering environmental consciousness.



創辦人 楊宗熏

一步一步營造德和社區成為台灣的木工藝術村，成為特色社區，拚出另類的觀光經濟。

Step by step, we aim to transform De He Community into Taiwan's woodworking art village, creating a distinctive community and fostering an alternative tourism economy.



介紹影片

AROMASE
艾瑪絲

艾瑪絲



艾瑪絲Aromase專業頭皮洗髮精，是國際協會B型企業「對世界最好的企業」的一員，以解決頭皮問題為助人信念，植萃養護頭皮健康。明星產品捷利爾頭皮淨化液獲得「C2C搖籃到搖籃」國際循環經濟認證-亞洲第一支C2C銀級專業髮品。

捷利爾洗髮沐浴露3in1瓶身採用食品級瓶罐回收再製的HDPE製成（2號塑膠），95%以上可在自然環境中快速分解。

BREATHE & GROW - AROMASE was established in 2004, with the goal of solving everyone's scalp problems. We have held scalp examination tours around Taiwan to help people have a healthy scalp and solve their scalp problems. AROMASE has already helped 50,000+ people with their scalps. Innovation & revolution: AROMASE cooperates with dermatologists to continue the revolution in innovative scalp care solutions. We hope to bring nature and simple shampoo into everyone's bathroom for a healthy scalp routine.

AROMASE aims to ensure healthy scalps for not only all humans, but also for the Earth. Sustainability has always been an important part of AROMASE. Since 2016, we've dedicated ourselves to 3 major actions: care for groups in need and their caregivers; care for the environment; and care for the employees. We have strong faith that people can deliver positive power once they are well taken care of.

AROMASE became a Certified B Corporation in 2020. Our main sustainability actions include forest restoration, care of caregivers, PCR recycled circular packaging, and using renewable energy. We achieved Cradle to Cradle Silver Certification in 2023, and are committed to Net Zero by 2030. We believe in taking action and making a positive impact, "Now or Never!"



創辦人 陳俊偉

「如果艾瑪絲沒有為這個世界創造價值，那我們沒有存在的意義。」

—美科實業創辦人 陳俊偉 Eric Chen

“If AROMASE doesn't bring value to society, then there's no meaning in our existence.”

- Mr. Eric Chen, Founder of MacroHI



介紹影片



隆順



隆順綠能是臺灣第一家以「固體再生燃料(Solid Recovered Fuel, SRF)製造廠」合法登記並已正式量產運作的製造廠，公司創辦核心為國立高雄科技大學博士級研究員，主要營運模式將舊衣、廢紡織纖維及廢塑膠等難以處理、不易去化之廢棄物以獨特專利技術予以燃料化，目前專注在回收事業廢棄物並以專利製程轉製為具高能源緻密度之固體再生燃料，以取代現有燃煤等傳統化石燃料。公司產品規格符合國際及歐盟標準，燃燒特性可取代煤炭，且對環境衝擊僅煤碳1/5，創造綠能及減碳目標之企業社會責任(CSR)，提升企業永續經營及循環經濟價值，並與國際再生能源趨勢相接軌。

Longshun Green Energy Technology Co., Ltd is the first Solid Recovered Fuel (SRF) manufacturer in Taiwan, and we are currently the largest SRF manufacturer with a stable supply in Taiwan. The core members of the company are doctoral researchers at the National Kaohsiung University of Science and Technology. Our business model is to convert waste that is difficult to process for incinerators such as recycled clothes, waste textile fibers, and waste plastics, into solid recovered fuel (SRF) with patented technology. Currently, we focus on recycling industrial waste, and use our patented process to transform the wastes into a solid recovered fuel with high energy density to replace the existing traditional fossil fuels such as coal. The company's product specifications comply with the EU standards, as well as the combustion characteristics. Furthermore, the impact on the environment of using SRF is only 1/5 of coal, which helps our customers to achieve their carbon reduction goals for corporate social responsibility (CSR), and enhances the value of corporate sustainable management and circular economy, keeps them in line with the international trend of renewable energy.



創始團隊合照，由左至右：
行銷/業務長 陳俊豪
執行長 陳俊宇
營運長 曾皇霖
工程長 陳佑任
技術長暨廠長 葉芮欖



介紹影片



不垃圾場



不垃圾場，致力於塑膠再生與循環經濟，從塑膠的研究、收集、清洗、設計、再生，我們全部自己來！轉化廢棄塑膠為再生產品，減少塑膠污染，建立可持續的社會。我們關注環境議題並積極推廣，希望與您攜手打造更環保的未來！加入不垃圾場，共同改變塑膠的命運，保護地球家園！

At "Trasholove," we envision a world where plastic waste is no longer seen as a problem but as a valuable resource. Our vision is to lead the way in the plastic recycling industry, driving innovation and promoting environmental responsibility.



創辦人 張楷翊

不浪費

Waste not

Green Pandora®

Green Pandora



產品名：環保盆栽

環保盆栽共三款，盆器由咖啡殼、堅果殼、秸稈三種不同的農業廢棄物材料製成，可分解於土壤中，回歸大自然。

無土栽培，採用易植棉為媒介，可保水透氣，維持水分與空氣的最佳平衡，讓您輕鬆體驗栽種樂趣！

Our product is the “Eco Pot” - a biodegradable planter that returns to nature in the soil. We have three varieties of these eco-friendly potted plants crafted from agricultural waste - coffee husks, nut shells, and wheat straw.



創辦人 林世昌

想傳遞一種簡單、純粹的生活，一起分享原材料的質樸，一起體驗最原始的美！

Embark on an effortless gardening journey!
We aim to convey a simple, pure lifestyle together !



介紹影片



Positive.



Positive. 提倡用更純粹和特殊的品質 去打造越簡單的商品
讓衣服成為一種顏料，它勾勒出你穿搭的樣貌
讓服飾不只是日常，更是每時期值得保留的藝術品
素T 不只是消耗品 高品質卻也享受於更歷久彌新的格調
每件衣服背景跟需求都不同卻也都有相同的出發點
循環設計的實踐，更是為循環生活的未來而存在。
永生T的誕生來自於台灣海島國家，循環使用更顯得格外重要
取之於umofil 虱目魚鱗環保紗線混合GreenOne生物可分解
讓每日垂手可得的時尚都能為未來存下每一分環保

Positive is dedicated to providing pure and simple products for our customers.

We're the highlights to polish your styles.

We're beyond season,

We're classic and timeless.

Each product is built out of different stories and needs, but shares the same purpose: The fulfillment of sustainability.

"Idun T", originates from the small island country of Taiwan with the core essence of sustainability and eco-friendliness.

Utilizing Umofil milkfish scales yarns and GreenOne Biodegradable PET technology, this product makes your daily fashion glow with less impact on our planet.



創辦人 游本炫

懶惰本就是人的本性，如果永續發展不能融合在生活之中，那就談不上是改變了。

If we don't combine lifestyle and eco-friendliness, it will be even harder to execute while fighting against our lazy nature.



介紹影片



米多益



自1950年工業革命以來，塑膠被廣泛地應用在家庭用品、生活用品、飲食用品或工業用品，觸目所及幾乎無一不與塑料相關。為了減少石化原料的使用，我們投入天然素材與永續材料的研發，試圖為下一代減少石化原料的使用。

我們首個明星商品為「MiToy-天然米香積木」，應用了農業廢棄物-C級米的米澱粉做為減塑材料，並結合視覺、觸覺、味覺、嗅覺與邏輯發展，兼具固齒器與積木功能，用台灣的味道，陪伴小朋友從嘴巴玩到腦袋瓜！

Since the industrial revolution in 1950, plastics have been widely used in household products and daily necessities. In order to reduce the use of petrochemical raw materials, we invested in the research and development of natural materials and sustainable materials to reduce the use of petrochemical raw materials.

Our first star product is "MiToy-Natural Rice of Building Blocks", which uses rice starch as plastic-reducing material and combines vision, touch, taste, smell and encourages cognitive development, and even has the functions of teething and building blocks. We believe that the smell of Taiwan will raise up our next generation with the sense of sustainability.



創辦人 邱崇沅

我們始終相信，永續的好設計可以陪伴這片土地與每個消費者，寫出獨一無二的生命篇章。

We believe that meaningful and sustainable design can accompany all people on the earth, to create their own chapter of life.



介紹影片

SEMi 太格地材

Shaw Contract 美國設計地毯



Shaw Contract 全系列EcoWorx地毯，從地毯的整個生命周期規劃，以搖籃到搖籃的設計原則，設計出第一款不含PVC的方塊地毯。在地毯使用結束後，可以集結回收至美國原廠的循環工廠，將使用過的地毯進行分離、拆件、揉碎，最後成為下一張同等品質的EcoWorx地毯的原材料，真正做到一個閉合循環產品的價值鏈，減少對新原物料開採的需求，沒有廢棄物的產生，同級循環的地板材料，目前也是業界唯一一款通過搖籃到搖籃v4.0認證，達致人與地球都能健康共好的產品。

Following a cradle-to-cradle design principle, Shaw Contract's EcoWorx carpet tile is the first PVC-free modular carpet in the industry. At the end of the service life of carpets, it can be gathered and recycled at a Shaw recycling facility, where the used carpets are separated, disassembled, shredded, and eventually transformed into raw materials for the next EcoWorx carpet of the same quality. It achieves a closed-loop value chain for a truly circular product, reducing the demand for new raw materials and eliminating waste. Among materials of its class, EcoWorx stands as the only flooring material that has achieved Cradle to Cradle v4.0 certification, embodying a commitment to the well-being of both people and the planet.



介紹影片



Capriole (盧森堡)



Capriole 提供循環經濟商業模式的完整解決方案，讓被棄置的咖啡渣獲得再次利用，提升其附加價值。

該公司的專利解決方案，可將咖啡渣轉化為多用途的燃料塊。

On a hidden spot in the Binckhorst in The Hague, Capriole Café is a lovely oasis in the city. With a great eye for detail, an old and abandoned paint factory from 1920 has been tastefully converted into a restaurant, coffee bar, coffee roastery and venue for meetings, workshops and events. Discover the hospitality of our team, the delicious dishes from the open kitchen and of course the traditionally roasted Capriole Coffee.

Capriole offers a turnkey solution for accessing the circular economy, using coffee waste in order to give it a second life and extract the embedded value of this normally discarded waste product.

With their soon to be patented solution, coffee waste is transformed into briquettes for barbecuing.



創辦人 MARKO KLACAR

咖啡渣是被浪費的珍貴資源。Capriole 計畫不但可行且極具擴展潛力，致力於讓咖啡渣獲得循環新生。

We are wasting a valuable resource - coffee waste. Capriole is a feasibility-driven project with great scaling possibility aiming to work with coffee waste in a circular way.



介紹影片



東昌紡織科技有限公司



我們公司致力於環保天然材質布料開發，有將近二十年的豐富經驗與國際知名品牌設計師合作，生產的布料用於鞋子衣服背包以及電子產品。鳳梨布和菱角殼碳布是我們最新環保材質的布料，不僅有吸溼排汗效果更有天然抗菌除臭機能。

When you bite into a juicy and crunchy water chestnut, have you wondered what else it can do?

Not only is it a delicious piece of heaven, its shell has functionality as well. Every year in the Guantian District in Tainan, Taiwan, 4600 tones of water chestnuts are grown which produces 2500 tons of shells. Previously these shells were irresponsibly discarded which in turn caused pollution.

Using the concept of zero waste. We have now turned these shells into what we like to call "black gold". This simple product not only is a sustainable alternative but is also superior in functionality when compared to bamboo charcoal. Though bamboo charcoal offers many functional attributes its production process has received much backlash from critics.

To produce charcoal the bamboo is burnt at very high temperatures of nearly 800°C which causes severe air pollution and high energy consumption. Our "black gold" on the other hand is highly flammable in nature. It ignites with a simple match and is turned into charcoal in a matter of minutes. It's energy use is very minimal. Any carbon emissions are captured and purified before being released.

Apart from production its functionality is more remarkable as well. Similar to bamboo charcoal, it has odor elimination and thermal insulation as well. However, its surface area is 80 times higher than bamboo which means its absorption capabilities are higher as well. When we knit or weave it into fabric we can test a distinct difference in the performance.

There is also an ecological angle to this story. The pheasant tailed jacana which is slowly growing extinct in other countries due to unfavorable habitats has now grown in population in Taiwan. These water chestnut fields have proved to be an excellent nesting and breeding ground for this species. Since they have started nesting in these fields, their population has shown a significant increase.



創辦人 王義雄

只有願意去嘗試那些意想不到的
人，才有成就不可能的事。

Only those who attempt the
absurd can achieve the
impossible.



介紹影片

博堯生物科技



飲茶文化是台灣生活中的一部分，每年瓶裝茶飲產生27萬噸的茶渣，過去茶渣都被用來作為堆肥，但茶渣中的茶多酚、多孔性結構以及茶香味都有很好的應用價值。唯一缺點是茶渣的水分含量高、易腐敗，因此博堯生技利用微生物發酵的方式延長茶渣的保存及穩定茶渣的品質，再製為貓咪家庭需要的“BIOYO益生菌茶葉貓砂”，以天然再生原料製作貓砂，降低環境負擔，延長茶葉使用週期，產品中更添加氨氣降解益生菌，增添貓砂除臭特性，在優化產品的同時更涵蓋了守護地球的理念。

The culture of drinking tea has become a part of Taiwanese life. Every year in Taiwan, bottled tea produces 270,000 tons of tea residue. In the past, these residues were used as compost. However, the tannins, porous structure, and aroma in tea residue have significant application value. The only downside is that the moisture content in tea residue is very high, which makes it prone to decay. Therefore, BIOYO Biotech has extended the preservation of tea residue and stabilized its quality through microbial fermentation, and then produced "BIOYO Probiotic Tea Leaf Cat Litter" as needed by households with cats. This cat litter is made from natural regenerated materials, reducing the environmental impact and prolonging the use cycle of tea leaves. Moreover, the product has added ammonia-degrading probiotics to enhance the odor-removal feature of the cat litter, optimizing the product while conserving our Earth.



創辦人 許俊傑

以生技的智慧取之自然的益菌用於自然，共同為地球經營永續的未來。

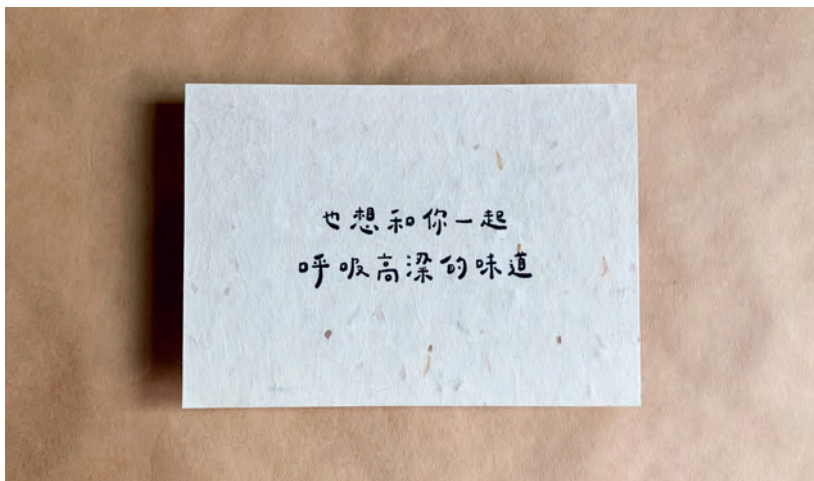
Using biotech intelligence to harness nature's beneficial microbes for nature, together we cultivate a sustainable future for Earth.



介紹影片

不紙是高粱

高粱紙



「不紙是高粱，屬於小島金門的明信片」
將釀造金門高粱酒後的酒糟與紙漿結合，手工抄紙製成一張張屬於小島金門的紙材。
紙張可見高粱與小麥碎屑，保留著在地的分子，能藉此感受這片土地。紙張用途廣泛，可應用在紙類相關的載體：明信片、名片等。我們使用絹印的方式，將在小島上的感受書寫成文字，一張張印刷在紙張上製作成明信片，將在地最原始的純粹從金門分享給各地的旅人。

The lee comes from the end of the brewing process of Kinmen Kaoliang Liquor with a combination of paper pulp; the hand-made paper material particularly belongs to such a small Kinmen Island. You may see the scrap of Kinmen sorghum and wheat on the paper, which reserves the local molecular, and you may feel the piece of land through the paper. The paper bears extensive applications; it may apply to the paper-related carrier: the postcard, name card...etc. We express the feeling of being on such a small island by writing into the text and having it printed on paper through the method of screen-printing, then making it become a postcard, to share the most original pure with the traveler from all over the place from Kinmen.



創辦人 許家欣

來自於在地，回歸於在地。

Take from the land, return to the land.



介紹影片



袋代



袋代設計的核心團隊，是由一群具有設計專業的斜槓青年及全職媽媽們，在全台跨區協作而成的團隊。在探索減廢的社會議題裡，看見更多得以運用「設計」的解答方式，經過整合收集各種邊角材料與剩料，用設計讓各種資源都獲得更好更妥善的運用。除了不斷開發永續設計專案，袋代在永續教育的深耕與推動也不遺餘力，同時與身障團體合作開發各項專案，尋找更加妥善運用社會邊角資源的永續模式。

DaiDai Design team is a social enterprise with industrial design background. With Cradle to Cradle production concept, dedicated to sustainable design, education and handicrafts, repurposing offcut materials such as fabric and leather through hands-on workshops.

DaiDai wants to come up with solutions that can reduce plastic and waste more quickly. By repurposing waste paper into envelopes and memo notes, we bring sustainable designs to people's daily lives. Even stationery can be eco-friendly.

The main development direction is the service of sustainable design, eco-friendly handicrafts and sustainable education workshops. Having joined forces with workshops for disabled workers, materials and labor are integrated and designed with SDGs in mind.



創辦人 林育君

設計，讓我們成為更好的人。

Design makes us better people.



介紹影片



NatureWorks 自然系



「自然·簡單·純粹」是NatureWorks自然系的品牌核心理念。產品以天然纖維為基礎，倡導理性環保。2012年成立以來，不斷進化、轉型，珍惜資源仍然是我們最簡單的初心。

利用裁切剩餘皮革，結合因庫存而棄置的材料，如棉線、亞麻線、棉、麻布料等多元素材，這些都是具有持續生命潛力的材料來源。堅持手作設計「需要」而非「想要」的生活必需品。

"Natural. Simple. Pure." is the core brand concept of NatureWorks. Products are grounded in natural fibers, advocating for rational environmentalism. Since its establishment in 2012, NatureWorks has continuously evolved, but cherishing resources remains our simplest mission.

Utilizing leftover leather and combining materials discarded due to inventory concerns such as cotton and linen threads, cotton, and linen fabrics, these elements all hold potential for sustained life. We adhere to a handcrafted design philosophy, creating essential items for life based on "need," not "want."



創辦人 高秋絨

理性環保，追求自然、簡單、純粹的生活，環保不該是教條式口號，應自然而然從生活中簡單做起。

Rational environmentalism, pursuing a life that's natural, simple, and pure. Environmentalism shouldn't be a dogmatic slogan; it should naturally and simply begin in our daily lives.



介紹影片



綠腳印



綠腳印國際以降低塑膠玩具帶來的危害為目標，與台灣玩具圖書館協會合作，成立「綠腳印文創」，結合青年夥伴力量，連結玩具設計師，打造各式創意木頭玩具和環保文創商品，例如回收塑膠製成的露露椅。近幾年綠腳印國際更是投入玩具的資源循環再生系統，與新創的「玩具盒子」共同搭上綠色的列車，透過二手販售找到新的家，是一次對環保和創新的教育之旅，帶領下一代進入玩具再生的奇妙旅程。

Green Footprint, to reduce the harm caused by plastic toys, has partnered with the Taiwan Toy Library Association to establish "Green Footprint Creative." By harnessing the power of youth partners and connecting toy designers, they are creating a variety of imaginative wooden toys and environmentally friendly creative products. In recent years, Green Footprint has also ventured into toy recycling. Collaborating with the startup "Toy Box," they have joined the trend towards sustainability, giving second-hand toys new homes through resale. This endeavor represents an educational journey that intertwines environmental protection and innovation, guiding the next generation into the marvelous realm of toy recycling.



創辦人 鄒文博

在生活中落實減碳和對環境的尊重，邀請您加入「玩具盒子」永續循環經濟的行列，留給下一代更好的生活環境。

We implement carbon reduction and respect for the environment in our daily life, and invite you to join the ranks of the "toy box" sustainable circular economy to leave a better living environment for the next generation.



介紹影片



Lab22 / Telic



馳綠Ccilu品牌旗下的創新實驗室「22 製夢所 (Lab-22)」，堅強研發製造經驗，讓 Ccilu 團隊實踐「低碳生活、永續環保、22 歲的善良與初心」。目標於2023年推出全球第一款碳中和/負碳足跡鞋履，預計在2025年達成全公司營運碳中和。

每一雙鞋均秉持三大設計原則「輕量柔軟、裸足舒適、與環保永續」。各項創新產品已獲得全球22項大獎以及消費者的廣大迴響。循環科技x優異機能x社會公益的營運模式，逐步實現取之於社會，用之於社會的全循環，低碳排，可獲利之企業永續目標。

Lab-22 is an advanced laboratory under Ccilu corporate. With a solid and proven history and background in R&D, Lab-22 drives Ccilu's core value of social innovation, net-zero emissions and sustainability. Lab-22 aims at launching the world's first net-zero footwear collection in 2023 and accomplishing net-zero for overall corporate operation by 2025.

All the products are lightweight, flexible, comfortable to wear barefoot, and sustainable. Since 2017 the products and initiatives of Ccilu have won 22 titles from all the major awards. The proprietary technologies of circular economy and sharing economy, product excellence, and social engagement are the 3 core strategies to drive Ccilu's core value.



創辦人 許佳鳴

循環永續不能只是理念與倡議，科學技術突破加上商業模式創新，才能啟動改變的力量！

Ideas and talks do not activate the changes and impact the future. The breakthroughs of technologies and the innovations of business models are the real turn keys to sustainability.



介紹影片



胡思二手書店



「Whose Books胡思二手書」成立於2002年，21年來致力於提供有品質的書籍及環境。我們珍視每一本二手書、注重書與人之間的溫度，讓紙本閱讀的美好在時間洗禮下，依然煥發豐沛的生命力與影響力。

胡思士林店位於捷運士林站旁，店內除了中文書，還包含英、日文等其他語言，是閱讀休憩的好地方；胡思也建置網路書店，讓讀友不受時間、地域的限制，輕鬆在家購買二手書。

歡迎來胡思，找到閱讀的記憶和尋寶樂趣！

Established in 2002, Whose Books has committed to providing high-quality books and environment for 21 years. We cherish every second-hand book and value the warmth between books and persons, so that the happiness of reading hardcopy books will still be full of vitality and influence under the test of time.

Located beside the MRT Shihlin Station, Shihlin Branch of the Whose Books is a good destination for reading and relaxing where you may find books of various languages, including Chinese, English, Japanese and many others. Whose Books also install an on-line bookshop that allow readers to buy second-hand books with ease anytime anywhere.

Welcome to Whose Books to find the memory of reading and the fun of finding treasures.



創辦人 蔡能寶

二手書頁的思想與心情，都定格在時空的深度與廣度中，歲月在書裡留下痕跡卻無損她獨特的光華，值得我們一輩子悉心探索她們的故事。

The thoughts and moods on the second-hand book pages are all fixed in the depth and breadth of time and space. Time has left traces in the book but has not damaged its unique brilliance. It is worthy of our lifetime to explore their stories.



介紹影片



WKidea®

WKidea 威力康創意



我們深信，產業和產品的興衰宛如月亮的盈虧變化。基於這個觀點，我們以【創新設計】、【數位工藝】和【技術傳承】為核心價值。利用先進的數位工藝技術，將其廢棄木料或是傢俱餘料進行再次創作，旨在創造更高附加價值、環保永續與循環再利用。

這份使命驅使我們不斷追求創新並持續深思熟慮，同時致力於培育新一代的專才，以打造更具創意和獨特性的木作產品。

We firmly believe that the rise and fall of industries and products mirror the waxing and waning of the moon. Guided by this perspective, we uphold the core values of 【Innovative Design】 , 【Digital Craftsmanship】 , and 【Technical Heritage】 . Leveraging cutting-edge digital craft techniques, we breathe new life into discarded wood and furniture remnants, aiming to create greater added value, promote environmental sustainability, and facilitate circular reuse.

This mission propels us to continuously seek innovation and engage in thoughtful deliberation. Concurrently, we are dedicated to nurturing the next generation of talents, all in pursuit of crafting wooden products that exude creativity and uniqueness.



創辦人 康仕旻

我毫無能力改變世界。但，我可以利用數位工藝推動環保永續與循環再利用。

I may have no ability to change the world, but I can use digital technology to promote environmental sustainability and recycling.



介紹影片



青田兔庭
LAPIN JARDINIER

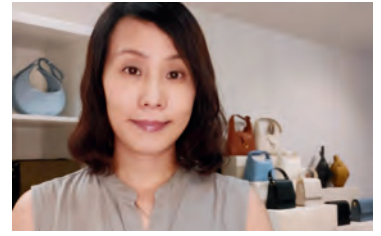
青田兔庭



我們致力於提供「純素皮革」製成的包包與配件。純素皮革即是生產過程中完全無動物成份的皮革，取而代之的是樹葉、軟木或高品質聚氨酯製成的皮革，並且使用回收塑膠瓶製成的纖維內襯。純素皮革具有耐老化、抗水、質地柔軟、環保、輕巧、美觀且不需額外保養等優點，已經成為了代替動物皮革最理想的選擇。

隨著各國的環保意識抬頭，環保和永續不再只是一個口號，近年各大歐美奢侈品牌相繼宣布放棄使用動物皮革，積極提倡可持續時尚概念，我們希望將這個概念延伸到臺灣，所以用心蒐羅了數個極受歡迎的純素皮革包品牌讓大家能時尚、環保與愛護動物一次達成。

Lapin Jardinier is committed to providing bags and accessories made from "Vegan Leather". Vegan Leather is a kind of leather that is produced without any animal ingredients. This is a kind of leather made from leaves, cork or high-quality polyurethane, with fiber lining made of recycled plastic bottles. Vegan leather has the advantages of aging resistance, water resistance, soft texture, environmental protection, light weight, beauty and no need for additional maintenance. It has become the most ideal choice to replace animal leather. Along with the growing environmental awareness in the world, environmental protection and sustainability are no longer just slogans. In recent years, major European and American luxury brands have announced their abandonment of animal leather and actively promote the concept of sustainable fashion. We hope to extend this concept to Taiwan therefore we carefully collected several popular vegan leather bag brands so that everyone can achieve fashion, environmental protection and animal care at the same time.



創辦人 麥嘉穎

我們相信，對動物友善、不對地球造成傷害，可以用很輕鬆的方式達成，不需向生活作出妥協。

We believe that being kind to animals and not causing harm to the planet can be achieved in an easy way without compromising your lifestyle.



介紹影片

Sucan

SucanDesign樹肯設計



在沒有資金與研究技術的前提下，希望一般民眾也可以參與一起消耗廢棄的牡蠣殼，進而幫助沿海偏鄉的發展，讓牡蠣殼不再只是廢棄物，而是具有經濟價值的日常用品。

將長時間日曬過後變白的牡蠣殼，加入水泥或石膏，倒入模具中，就可以隨意創作出具有特色的日常用品。

盡可能用自己小小的力量，將廢棄的垃圾回到物品使用循環中，一圈圈就像是大樹的年輪一樣，一圈圈延續下去。

Our hope is that ordinary people can participate in reusing discarded oyster shells to support the development of coastal and rural areas, without the need for funding or advanced research technology. This way, oyster shells can transform from mere waste into everyday items with economic value.

After oyster shells have been left out in the sun for an extended period, they turn white. By mixing them with cement or plaster and pouring the mixture into molds, unique and distinctive everyday items can be easily created.

Making an effort, no matter how small, to reintroduce discarded waste into the cycle of useful items, is like adding another ring to a tree's growth, with each ring extending the journey further.



創辦人 劉貴玲

有想法就勇往直前的去實現，就像五月天的歌詞，有些事現在不做，就沒有機會再做了。

Just do it.

As Mayday sing: If you don't do something, you won't have the chance to do it again.



介紹影片



法爾社會企業



法爾精品由法爾社會企業經營，為提供柬埔寨手工藝品平台，建立良好公益夥伴關係，推廣「Cambodian Mindset」，講述著每個產品背後的故事。其中，以柬埔寨傳統文化為元素，融入創新理念，成為獨特手工藝品；為落實高價值循環，與柬埔寨為了柬埔寨組織(KKO)合作，將推廣腳踏車旅程之廢棄輪胎再製成產品並協助推廣國際市場。

Phare handicraft boutique is under the management of Phare Performing Social Enterprise to provide a platform for Cambodia handicrafts and promote “Cambodian Mindset” to build the strong relationships with all social- good partners.



創辦人 林國民

「藝術引領心之所嚮，我們是過去的總和，透過手創認識柬埔寨文化之美。」

Arts leads the heart wants what it wants, as we are the sum of the histories learns the beauty of the Cambodia from the arts.



介紹影片



Mr.Fat 胖胖先生藝術工作室



有些人眼中已經沒用的東西，在另一些人眼中卻是材料甚至是珍寶；就像這些餘料木材全都搖身一變成為漂亮的木雕作品，運用漂流木再製北極熊裝置創作及圖像創作，倡儀人民對環境的重視。

若能夠在許多事情上多花點心思，就能發現那些平時發現不到的細節，而這些細節就是帶給我們苦悶的人生中一點點的小驚喜，讓我們能夠更加相信世界還是有美好的一面的看待世界時提醒自己再多花點時間以不同面向去觀察，肯定能發現那些不美好中的美好

Certain stuff might be useless for someone, but it can be material or treasure in others' eyes; take these scrap wood as example, they can be transformed into beautiful wooden artwork.

If we can pay more attention to things around us and find those unexpected details which can become little surprises in our mundane lives, then we will be able to believe that there is always a bright side in the world.

Keep reminding ourselves to spend more time to observe the world from different directions, we will find those stunning parts from the unappealing things.



藝術家 汪學展

想得太多反而什麼都做不了，不如就放手去做後再不斷調整吧！



噶瑪蘭向日葵手作花坊



結合不同廢棄物再生原料，如農業廢棄物、海洋廢棄物製成杯墊或植物板，搭配上山林的草木，利用種蘭花的水苔和培養土，串聯充滿綠的苔蘚，纏繞出掌心一握的迷你盆栽。讓山林氣息保留在案前，療癒繁瑣的日常。

Combining various recycled materials such as agricultural waste and marine debris, we craft coasters and plant boards. We complement these creations with flora from the mountains and forests, using sphagnum moss and potting soil commonly used for cultivating orchids. These elements come together to form lush moss arrangements that fit in the palm of your hand, bringing the serenity of the wilderness to your everyday life.

This project preserves the essence of the wilderness, offering a soothing and therapeutic touch to the hustle and bustle of daily routines.



沐藝工作室



壁畫彩繪 / 視覺規劃設計 / 藝術課程規劃與教學

『沐藝』的工具從油畫筆到油漆刷，場域從天花板至地板，打造獨一無二的畫面。『沐』是沐浴陽光下的沐，受日月自然潤澤，透過觀察生活的體驗，作為靈感的基礎。將藝術與設計融合在生活中是『沐藝』的期待。

萬物皆畫紙，也是藝術種子的最佳滋養。海廢在大部分人眼中已經成了沒用的東西，颱風過後的殘枝枯木，久無人問津的廢棄牆面令人唏噓，透過回收利用的二次創作，大膽發揮想像力與色彩規劃，全搖身一變成為妝點社區的亮點。

Mural Painting / Visual Planning / Art Curriculum Planning and teaching

MoodArti uses a range of painting tools from oil painting brushes to wall painting brushes, and applies the art over ceilings and floors to create extraordinary images. "Mood" in Chinese is pronounced the same as the action of sunbathing and the enjoyment of being in nature under the sun and the moon, and art is inspired by life observations. "MoodArti" hopes to bring art, design and life together in creations.

Everything can be a canvas for artwork, and increasing the availability of canvases is the best way to nurture interest in art. For example, marine debris and abandoned walls seem useless to most people, and dead tree branches found after typhoons do not naturally grab attention either. Yet, all these can be recycled and transformed into art, forming a highlight in the community, through MoodArti's imagination and color planning.



創辦人 楊金純

願我們都閃耀著自己的光芒。

Cream of the crop.



介紹影片



電電租



『電電租—全台首創C2C家電出租媒合共享平台』

電電租平台提供消費社會一個新生活提案：全民都可以上架自己家中的閒置家電到平台上出租共享給需要的人，而需要的人能先用小錢體驗家電，以免買錯浪費。透過電電租平台，傳達物資需被充分愛惜與利用的價值，重建人們愛物惜物的簡單生活。

電電租提倡大眾「少用的家電 以租代買・想買的家電試用後買」透過線上預約租賃家電到線下進行租用體驗，結合在地社區據點推動家電出租，持續創造循環經濟行動!

"電電租" - the first C2C home appliance sharing/rental platform in Taiwan, offers an option for a new lifestyle: users can list their unused home electric appliances on the platform for rent and share them with people who need them.

"電電租" advocates renting instead of buying of home appliances that are less frequently used. The platform also encourages trialling home appliances before buying. Through online reservations and offline rental experience as well as working with local hubs, 電電租 continues to put circular economy in action by promoting home appliance rentals and working with local community hubs.



共同創辦人
高蓉琦(小米)
莊惠珺(JUDY)

大膽發揮無限想像 保持永續心態持續創造循環經濟行動

We boldly use unlimited imagination and keep a sustainable mindset to continue to create circular economy action.



介紹影片



FUN傘 鉤鉤創意



鉤鉤創意（鉤，讀音：ㄊㄨㄟˋㄩˇ）。團隊夥伴都想為台灣環境永續「想」出新創意，融入生活中，得到廣大的迴「響」。

每個與人的互動都可以成為永續的開端。每一個太陽高掛的日子，每一場雨都能產生連結的共享。

鉤鉤創意的所有夥伴，都有一個想為台灣永續作出貢獻的動力。在之前的600百多個日子，夥伴們不斷地搜尋、體驗、思考如果我們對目前的環保落實都還有疑慮，那我們能做些什麼不一樣的事情？

「源頭減塑」我們決定從這邊開始，打破用妥協的方式來達到環保，以生活中的創新與便利，用接台灣這塊土地地氣的方式打造真正能永續的台灣價值。

共享傘，是個開端。未來我們會用更多的創意與動力來連結，連結企業與學校、連結社區與政府、連結每個永續的創意與人群連結一個能為做出真正永續價值的道路。

The Siang Siang Creative team want to come up with new ideas for environmental sustainability, integrate them into daily life and enjoy the public's response to their concepts.

We started with the concept of "reducing plastic at source," so there are no compromises in environmental protection. We wanted to combine Taiwan's local lifestyle with an innovation that would make a truly sustainable difference.

Public shared umbrellas are the starting point. In the future, we will create even more and be even more motivated to connect, linking business and academia, community and government, sustainable creations and people; to lay a path that can create real sustainable value.



創辦人

劉明昊 共同創辦人
業務推廣團隊代表

林孟樺 共同創辦人
系統及應用平台團隊代表

王俊堯 共同創辦人
商業模式及專利團隊代表



介紹影片



E大發電機



如今市場上隨時用電的需求不斷提高，校園社團、木工營造用電、民眾露營、市集擺攤等都開始有短期用電的需求出現，以往解決用電的方針多為租借大型發電機或購買小型發電機，但由於租借大型發電機需動用大型吊車，並且燃油造成嚴重空氣汙染，費用也昂貴，購買小型發電機使用頻次也很低，購買費用相較於租借而言落差也很大，長久無法輕易保養及維修。於是就在市場上產生了租借小型發電機的需求，於是E大發電機投入小型發電機的租賃運營，並培養專業的維修團隊，解決了市場上短期用電的需求。

小型發電機需動用的人力及載運成本也極低，甚至是一台機車就可以載運，大幅降低了運送時對於環境的汙染，減少碳排，以實現循環經濟的目標。

The demand for on-demand electricity in the market is steadily increasing. In the past, the common approach to addressing these electricity needs often involved either renting large generators or purchasing small generators. However, renting large generators required the use of heavy cranes, resulting in significant air pollution due to fuel consumption, and incurred high costs. On the other hand, the usage frequency of purchased small generators was low, there was a significant cost difference compared to renting, and long-term maintenance and repairs were not easy to manage.

As a result, there emerged a demand in the market for renting small generators, and that's when E Power Generators recognized this opportunity. They ventured into the rental operation of small generators and developed a professional maintenance team, effectively addressing the market's short-term electricity needs.

The manpower and transportation costs associated with small generators are also extremely low, and they can even be transported using a motorcycle. This has significantly reduced environmental pollution during transportation, minimized carbon emissions, and contributed to the realization of the goal of a circular economy.

共享租賃 SHARING ECONOMY



創辦人 周恩毅

若要真正成功，獲得偉大的成就，必得先愛上自己的工作。

To achieve true success and attain great accomplishments, one must first fall in love with their work.

一趟為例
吊卡車運送（10公里為例）
柴油消耗約2公升 碳排 5.56公斤

小型發電機
機車運送10公里
汽油油耗約0.33公升 碳排0.77公斤
電動車運送1度電約跑25公里
0.4度電 碳排0.156公斤

運用小型發電機使用電動機車配載一趟短程發電機使用，可節省5.404公斤碳排放，雙北地區平均一個月個訂單總量50件為例，減少270公斤碳排。



介紹影片



百事益國際
Bestyield

百事益國際股份有限公司



百事益國際秉持「Mottainai」理念，以循環經濟創新商業模式為核心，將電子產品從銷售到報廢的整個生命週期，提供全方位的服務。於2022年，已成功為超過674,408件產品延長使用壽命，總計減少碳排放量高達9.1萬公噸，相當於一年蓋235座大安森林公園。同時，協助政府制定產品履歷及維修指數等規範，並建立綠色循環採購、以租賃合作模式。更與專家學者合作，共同開發方法學，積極參與碳普惠政策，並配合政府導入淨零政策，協助客戶實現碳中和、減少碳足跡等目標，我們致力於為客戶提供全方位的支援與專業知識。

BYTE International adheres to the concept of "Mottainai" and takes a circular economy innovative business model as its core, providing comprehensive services throughout the entire lifecycle of electronic products, from sales to disposal.

In 2022, we successfully extended the lifespan of over 674,408 products, resulting in a cumulative reduction of carbon emissions by up to 91,000 metric tons – equivalent to planting 235 Da'an Forest Parks in a year. Additionally, we actively assist the government in formulating regulations such as product history and repair indices, and establish green circular procurement and leasing models to replace purchasing.

Partnering with professionals and academics, we delve into methodologies, participate proactively in carbon-inclusive policies, and align with the government's implementation of the net zero policy to aid our clients in attaining carbon neutrality and diminishing their carbon footprint. Devoted to offering clients thorough assistance and expert knowledge, our commitment aligns with our fundamental values to create a positive influence.



總經理 林志青

環保可以很簡單東西壞了就先修，不能修再買，Mottainai一起讓浪費歸零，讓我們一起改變世界。

Repair instead of replace is one of the simplest ways to protect the environment. Let's follow the concept of Mottainai to reduce waste and make the world better.



介紹影片



ZOCHA租機車



新服務「ZOCHA租機車，循環經濟的綠色選擇」

『ZOCHA租機車』服務，您可以在各大交通樞紐處，輕鬆租用Gogoro電動機車，享受無壓力的城市通勤。這不僅僅是方便快捷的出行選擇，更是對環境的承諾。

當每輛機車被充分利用/共享租賃，減少了對新資源的需求，還參與了可持續的循環經濟模式。

讓我們一同響應綠色出行的號召，為未來創造更美好的環境，更讓循環經濟的理念也得以實踐。

New Service "Unmanned Scooter Rental: A Green Choice for Circular Economy"

Introducing our new 'ZOCHA Unmanned Scooter Rental' service, where you can effortlessly rent Gogoro electric scooters at major transportation hubs, enjoying stress-free urban commuting. This is more than just a convenient and speedy travel option – it's a commitment to the environment.

When each scooter is fully utilized through shared leasing, it reduces the demand for new resources and contributes to a sustainable circular economy model.

Let's together respond to the call for green travel, creating a brighter environmental future. This also puts the concept of circular economy into action.



共同創辦人

KIDD 錢俊宇

如果你盡力而為，你就不用擔心失敗。

If you are doing your best, you will not have to worry about failure.



介紹影片

AGT

案呈股份有限公司
Green Technology Co., Ltd.

案呈



案呈公司以綠色設計、綠色材料為出發點，提供了從材料改質、材料運用、商品設計、商品製造之整合性服務為主。以『Bio-degradable』、『Bio-base』、『Recycle』三大主軸為出發點，提供合適之商品運用方案。

為了配合淨零碳排的大浪趨勢，本公司營運發展除維持綠色環保理念外，透過產品的實際使用，將減塑環保的概念深植到每個人的生活中。讓淨零碳排、環保減塑、循環經濟不再只是口號，透過習慣的一個小小改變讓大家可以實際的體驗 ZERO WASTE 的生活。

AGT Green Technology Co., Ltd. takes green design and green materials as its starting point and provides integrated services in material modification, material application, product design, and product manufacturing.

Taking the three main axes of "Bio-degradable", "Bio-based" and "Recycling" as the starting point, we provide suitable product application solutions.

In order to keep up with the trend of net-zero carbon emissions, in addition to maintaining the concept of environmental protection in the operation and development of our company, we also deeply ingrain the concept of plastic reduction and environmental protection into everyone's life through products they actually use.

Let net zero carbon emissions, environmental protection, plastic reduction, and circular economy be no longer just slogans. Through a small change in habits, everyone can actually experience the life of ZERO WASTE.



創辦人

李佳燕(上)

喜瀨 普美賢(下)

事不做,才困難;路不走,才遙遠。

Keep moving forward. Choose positive mindsets. Believe in yourself, and the rest will fall into place.



介紹影片



琥白股份有限公司



靈活移動的共享木家具

慕箱原桌保留實木家具耐用、可修復的優點，並克服量體大、難移動的困擾，以折疊縮小體積，並有輪子讓推移滑順省力；不需工具組裝便可輕鬆展開、收合成小邊桌，更適合現代住家與共享空間。同時，以租代買的服務，讓人享受質感家具又不擔心搬家有負擔；並以課程推廣修復不丟棄的惜物精神，延續家具生命及源頭減量願景，共享租的實木家具 享受不拋棄的質感居家。

Flexible and Mobile Shared Wooden Furniture

We keep the durability and elegance of solid wood furniture and upgrade mobility. Our furniture is equipped with wheels and folds down for moving, ensuring that using it is effortless with no tools required. It's helpful for sustainable use and suitable mobile ren equi



創辦人 林凱元

在琥白，永續是為自然設計。面對事物既有的運作，我們由研究洞察，並鼓勵跳出框架的大膽假設，再用動手做出來的硬實力，讓創新落地並發揮價值。從建構更友善的結構，創造更永續的生活。

We design for nature to realise sustainability. We research and encourage unique concepts. Our in-house team take action to let innovation come true, from creating more friendly construction to a more sustainable life.



台灣玩具圖書館



台灣玩具圖書館協會18年來以教育和環保為核心，與公部門、企業、及非營利組織合作，逐步形成全國性的玩具循環系統，這不只是一個物流系統，更是一場全民永續行動。從募集、整理、到運用的每個環節，我們提供全國各地、不同年齡層的民眾共同參與。

For 18 years, the Taiwan Toy Library Association has fervently advocated education and environmental preservation, forging strong partnerships with government, business, and nonprofits to create a nationwide toy recycling system that transcends mere logistics. This movement embodies enduring sustainability, embracing society. Since inception, it's gathered over 2 million toys, reviving discarded playthings and spreading immense joy among countless children. Families share stories of transformation through sharing, learning, and eco-consciousness. From urban hubs to remote villages, the recycling system exemplifies collective action, nurturing mindful consumption and ecological awareness. Community-led collections and heartwarming toy rehoming exemplify benevolence and empathy. A parent reflects, "Through the toy recycling program, my children learn planet care, sharing, and empathy." The Association eyes a greener future, unwavering in pursuing collaboration, education, and small deeds' power. They shape a future entwining sustainability and compassion.



共同創辦人/理事長 余良玲

玩，不分年齡、性別、貧富，
每個人都能享有快樂！

Play is universal, no matter your
age, gender, or economic
background – it's a source of
happiness anyone can embrace!



介紹影片

人禾基金會



人禾基金會自2007年成立，以維繫環境倫理、推動環境永續發展為目的，致力於擴大社會對永續環境議題的關注和參與、體制內環境教育的落實。近年協助環境部資源循環署（前身為行政院環境保護署廢棄物管理處）推動校園資源循環議題環境教育，依據不同學習階段之需求，提供教學素材或導入相關學習資源。

Established in 2007, Environmental Ethics Foundation of Taiwan (EEFT) aims to maintain environmental ethics and promote sustainable environmental development, and is committed to expanding society's attention and participation in sustainable environmental issues and implementing environmental education within the system. In recent years, we have assisted the Resource Circulation Administration, Ministry of Environment, to promote environmental education on school resource recycling topics, and provided teaching materials or introduced relevant learning resources according to the needs of different learning stages.



團隊照片

「人禾」強調人與自然的關係，我們相信生命在大自然的沉靜中會找到出口。

Our foundation is dedicated to exploring the deep bond between humans and the natural world. We believe that in the quiet embrace of nature, life finds its path.



介紹影片



綠色和平

什麼是

《全球塑膠公約》？

POLLUTED BY
SINGLE-USE PLASTIC

《全球塑膠公約》旨在通過建立全球性的框架，促進國際合作，採取行動來減少塑膠污染。

綠色和平是一個獨立的全球性環保組織，致力於以實際行動推動積極的改變，保護地球環境與世界和平。

我們透過研究、教育和遊說工作，推動政府、企業和社會大眾共同尋求環境問題的解決方案。

成立於1971年，綠色和平在全球超過55個國家設有28間全國或區域辦公室，擁有超過300萬名支持者，為了維持公正性和獨立性，綠色和平不接受任何政府、企業或政治團體的資助，只接受個人和獨立基金直接捐款，我們的願景，是確保地球得以持續孕育多樣且豐富的生命。

Greenpeace is an independent global environmental protection organization committed to promoting positive changes with practical actions to protect the earth's environment and world peace.

Through research, education, and lobbying, we engage governments, businesses, and the general public in solving environmental problems.

Founded in 1971, Greenpeace has 28 national or regional offices in more than 55 countries around the world, with more than 3 million supporters. In order to maintain impartiality and independence, Greenpeace does not accept donations from any government, business, or political groups. Funded by direct donations only from individuals and independent foundations, our vision is to ensure that the planet continues to support diverse and abundant life.



1971年，一艘舊漁船從加拿大溫哥華啟程，疾駛向美國阿拉斯加西北方的安奇卡（Amchitka）島，船上載著是一群由生物學家、律師與記者組成的行動者，他們的目的只有一個：阻止美國即將在安奇卡島旁海底進行的核子試爆。雖然這個行動最後在途中被美國政府攔下，沒有成功阻止這場試爆，卻吸引大量媒體報導，點燃了民眾心中的憤怒與關注。終於，美國在這一年終止了安奇卡島的核子試爆計畫，並將這個小島設立為海鳥保護區。運動沒有就此終止，這群行動者以此趟航行間船上掛著的「Greenpeace」旗幟為名，成立了「綠色和平」，這個名字結合了他們對世界兩個最重要的期許：綠色無汙染的環境，以及世界和平。

行動帶來改變！

Positive change through actions.



介紹影片



台灣明愛會 低碳走讀



發起人 姜樂義

語錄

台灣明愛會，計畫出一條台灣可以徒步健行走訪鄉鎮或部落天主堂的路線，來讓大家認識台灣各地文史，激發珍愛台灣情懷。台灣有很多閒置教堂，可以提供本地或海外來的朝聖者，以徒步方式來趟低碳的另類旅行。

台灣有600多間教堂，都是早期來自各個不同教會團體筆路藍縷創建，透過徒步的運動串聯起來，可以提供簡樸的住宿。

The Taiwan Caritas Society (TCS) is planning to create a hiking route that allows people to explore various towns and tribal communities in Taiwan while visiting Catholic churches along the way. This initiative aims to introduce participants to the rich cultural and historical heritage of Taiwan and inspire a deeper appreciation for the island. Taiwan is home to numerous dormant churches, which can serve as accommodations for both local and international pilgrims, fostering a low-carbon and alternative mode of travel.

With over 600 churches scattered across Taiwan, each with its own unique history and denomination, this hiking route will help connect these sites through the act of walking. Participants can enjoy the simple and rustic accommodations offered by these churches as they embark on their journey of exploration and reflection.



介紹影片

美麗台灣關懷協會



以關心關懷為本，推廣環境教育與文化藝術、產業、學術多元化之整合，提供多元參與社會服務之機會，促使青年投入關懷服務事業，以實際行動美麗台灣。長期推動廢棄旗幟文創再生應用，以旗幟材料回、文創商品、裝置藝術創作推動循環再生。

Rooted in care and concern, we promote the integration of environmental education with cultural arts, industry, and academia. We provide diverse opportunities for engagement in community service, encouraging young people to get involved in caring service initiatives, and actively beautify Taiwan through practical actions. We have a long-term commitment to the regeneration and upcycling of discarded flags, utilizing flag materials for creative purposes, and promoting circular regeneration through the creation of cultural art installations and innovative merchandise.

有限責任台灣友善書業供給合作社



「有限責任台灣友善書業供給合作社」由多家獨立書店集結共組，以社會企業形式，目前全台灣包含離島在內，友善書業的社員共有近兩百家獨立書店，許多書店運用閒置空間及老屋改造，依循各自社區風格與選書設計，並以閱讀為媒介，對內培養與在地社群的連結，參與永續行動，如推廣無塑生活、自備環保袋、友善小農食品、永續環境閱讀，對外亦積極推廣獨特的當地風土及友善環境，期待以閱讀的力量推動永續循環。

Friendly Book Supplies Co-operative Limited is formed by a collective of independent bookstores in the form of a social enterprise to address the existing challenges in the book distribution industry. Currently, there are nearly two hundred independent bookstores across Taiwan, including the outlying islands. They each follow their own community styles and book themes, using reading as a medium to foster connections within their local communities. Additionally, they actively promote the unique local culture and environmental protection.



友善書業合作社

從友善開始，讓書業重生



介紹影片

台灣 循環味

 超越圈圈 | FUTURE
CIRCULAR - CROSS | ALL
TOGETHER

超越圈圈 推廣車



春
yōu chūn

CLIMATE RECEIPT

氣候收據



TAIWAN

循回全台



CIRCULAR ECONOMY

循環經濟

CIRCULAR-CROSS.COM

台灣第一台 超越圈圈 推廣車



租借方式

超越圈圈 推廣車

透由行動車裝置的特色效果，依不同的場域及屬性設計循環經濟內容，並置入氣候收據，易於讓民眾了解SDG12消費者及生產者責任之關係，今年上半年配合政府推廣在台北淨零城市展、中原大學產發市集、板橋埔墘社區展出，下半年則受第一銀行 愛放綠生活及齊柏林X商週十週年論壇、高雄科技大學邀請，分別在市集、論壇場域、地方創生社區場域進行活動推廣，透過互動遊戲方式，增加民眾參與綠色行動的實踐力。

內裝設計及尺寸說明

- 電動車，可充電。
- 可容納約20個大小木箱 -木箱尺寸: A、松木, W31xL46xH25 公分(8個) B、塑木箱 W31*L46*H22 (2個) C、W20*L40*H22(5個) D、W20*L29*H22(2個)
- 小白車車體: 佈置空間為寬100cm*150cm。寬100*長150cm/總長300。重量:200公斤。
- 內裝置入循環經濟模式20個不同循環模式。

租借流程

STEP1. 申請票券，提交申請日期期間(最多申請一星期)、說明活動主題及內容。

STEP2. 待審核

STEP3. 審核通過

(1)、參與培訓解說

(2)、申請人員解說



介紹影片



齊柏林x商周
看見台灣改變10x10論壇



愛Fun第一綠生活·嘉年華





社區巡回



Spring
Goodboard



改變消費模式X 康瑞租賃共享



負責人 劉康捷

從音樂跨域到循環界裡,開始接觸到展場文化,台灣每辦一次展覽就有大量一次性木材被消耗,隨著氣候的變遷,人們無法忽視越演越烈的環境災害,樹林的砍伐、臭氧層的破壞,已經讓環保不能再是個口號,與其在產業鏈的後端收拾問題,不如透過循環設計達成源頭減量又同時處理海廢與陸廢去化,Come Rent正在推動改變大眾的消費模式,減少不必要的浪費,用共享的模式打造永續循環。



熱塑性塑料是永久環保材,不丟棄/不堆積/不掩埋/不焚化,循環再利用,台灣創新再利用會讓彼此驚豔。

Thermoplastic is a permanently eco-friendly material, which is non-disposed/accumulated/buried/incinerated, and recyclable. Taiwan's innovation of reuse will make people amazed.

Come Rent

ALL ABOUT FASHION AROUND THE CORNER



永續循環的開始

台捷精密股份有限公司成立於2012，專注於熱塑性塑料壓押出成型專業生產技術，以「循環經濟」「回收不廢棄」「技術輸出」為理念，持續研發美觀與實用性兼備的環保塑木品牌「捷綠木」，從建築材料出發，從木屋到家具、再到展架租借，期待發揮集體創意，落實到生活中每一角落，並提戶外展架租借概念：用運用海洋廢棄塑料再製台，改善原木受潮、易腐、變形的特性，並可100%回收，共構都市綠化，降解熱島效應，與資源再生的美好生活，並投入海洋廢棄物再生聯盟，積極協助去化廢棄物。

共享租賃的發展

新品牌康瑞(Come Rent)開發、設計循環經濟的租賃模式，如展場的展架、市集的攤位、租屋市場的床櫃桌椅，租賃環保材質的各種產品還可以提供更多的靈活性及彈性組合，節省倉儲管理以及大量人力搬運、施工成本，解決一次性展覽高昂買斷的價格與撤場後的清運的浪費問題，透過不斷的循環再使用降低碳足跡與減少木頭的砍伐，達到永續循環之目的。節能減碳之貢獻度：每使用1公斤Come Rent 的租賃展架，可減少約2.5公斤的碳排放量。



循環設計模式

原材料採用事業廢棄物循環再生粒料所製程100%可循環再生板材，製程的板材再送到專業加工廠透貴CNC專業精密儀器切割成零件後組裝成系統架，並且切割下來的材料不管是邊角料、碎削甚至粉末，都可以100%回收再利用避免不必要的浪費，最後交給市場的商品如果有耗損，也可以直接進入破碎製程破碎粒重新進入生產系統。使用的材料已經在2023年完成2050淨零排放的100%全循環指標。

循環教育-大觀鳥園



企業合作案:

Come Rent 在2023年起已經與負責跟台北市、新北市政府策展單位陸續合作，客製化的系統櫃搭配策展方所想表達的元素，兼具環保的性質同時也能給客戶呈現想要的樣子。以及在2023年5月開始與有春文化合作布展，比如第一銀行所舉辦的-愛FUN第一綠生活、齊柏林論壇X看見台灣10周年系列活動等。

大觀鳥園

中原大學建築系畢業的在職人員熱情邀約，活化學園附近老舊宿舍，Come Rent 即將進駐中原大學旁的大觀鳥園一起打造一個循環性的市集，同時也會在當地設置工作室以便跟在地學校產學合作，期待與學員們的摩擦，讓循環材料能用更有趣的方式與大家呈現。



合作案例:

展場: 台北市政府、新北市政府，客製化的系統櫃搭配策展方所想表達的元素

市集活動: 第一銀行所舉辦的-愛FUN第一綠生活、齊柏林論壇X看見台灣10周年系列活動等。



改變消費模式 X 租賃共享



©REALLYGREATSITE

少砍樹、多種樹一直以來是我們捷綠木集團傳承下來的文化，捷綠木集團亦全面朝去化熱塑性塑膠努力將此塑膠垃圾轉取代木材的建材，讓塑料進入再生工業循環供應鏈，且保留木材相關工藝技術，這是捷綠木集團對自然環境及人為環境的友善思維。2021年捷綠木生產技術已達100%熱塑性進入全循環。Come Rent也是在捷綠木集團中扮演著重要的角色，從建材輸出跳脫出進入產品租賃市場，創造出產品的靈活性，讓大眾能更容易的一起參與永續循環的議題。

Come Rent致力於開發各種租賃市場，從展場的展架、市集的攤位、學生租屋的床櫃桌椅，都是未來會與社會大眾共享的循環資源，值得一提的是，租賃環保材質的各種產品還可以提供更多的靈活性，他可以免去您的倉儲管理以及人力搬運施工，解決一次性展覽高昂昂斷的價格與撤場後的清運，降低碳足跡與減少木頭的砍伐。此外如果您是展場的廠商，Come Rent 也能提供您各式各樣全循環材料加工禮品。



循環設計說明:

以COME RENT 首創之系統架為例，原材料採用事業廢棄物循環再生粒料所製程100%可循環再生板材，製程的板材再送到專業加工廠透貴CNC專業精密儀器切割成零件後組裝成系統架，並且切割下來的材料不管是邊角料、碎削甚至粉末，都可以100%回收再利用避免不必要的浪費，最後交給市場的商品如果有耗損，也可以直接進入破碎製程破碎粒重新進入生產系統。簡單來說COME RENT 所使用的材料已經在2023年完成2050淨零排放的100%全循環指標。



LiFUND

學生經驗募資平台 企業影響力人才資料庫

LiFUND以大學生為核心，專注於連結來自不同領域的學生。這些學生代表了未來社會的領袖，他們具有創新思維、影響力和領導潛力，我們致力於為這些年輕人提供一個發光發熱的舞台，讓他們能夠與企業相互連結、交流、合作，共同創造價值。

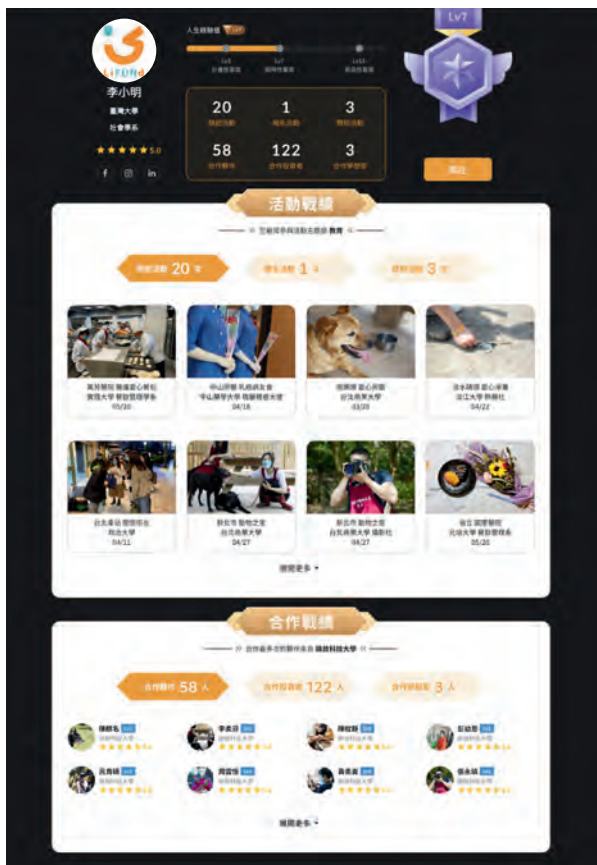
www.lifund.com.tw



介紹影片

學生軟實力 X 企業ESG X SDGs

GAME ON! 當自己的人生玩家



學生軟實力累積

大學生畢業後會放棄自己的專才興趣投入職場，但不適應工作環境幾年後離開，回頭才想嘗試運用自身的興趣做專職。

如果能在大學生學涯中，嘗試運用自身的專才興趣回饋社會，從中建立軟實力及品牌價值，便能讓大學的課餘時間成為未來人生的基礎。

LiFUND平台除了提供便捷的募資提案功能與廠商資源媒合外，也會紀錄每個完成過的社會回饋活動後，以及串連人脈系統，生成一份屬於學生的「社會履歷」。



企業ESG/CSR

2023年起，金管會規定上市櫃公司需編制和申報ESG永續報告書，企業需要更加關注環境、社會和公司治理等方面的表現，以確保可持續發展和社會責任。

LiFUND所提供的客製化社會回饋活動在這個情境中扮演了重要的角色，透過媒合具有領導力和影響力的大學生人才參與社會回饋活動，可以為企業創造多重價值。



SDGs社會永續

透過媒合具有領導力和影響力的大學生人才參與社會回饋活動，企業能夠將其資源、專業知識和能力與年輕一代的熱情和創新思維相結合，將影響力擴大、提供社會支持、促進資源整合並鼓勵青年實踐。

在這樣雙贏的狀況下，同時幫助到社會每個角落，促進健康福祉(SDGs3)、提供優質教育(SDGs4)、減少不平等(SDGs10)、永續城鄉(SDGs11)、保護水域生態(SDGs14)與保護陸地生態(SDGs15)。



興趣專才 回饋社會

「揮灑創意，增進實力」LiFUND平台不限大學生回饋社會的形式，平台上涵蓋了公共議題、環境保育、體育、藝文、動物保護、教育等六大主題！大學生可以結合自己的興趣專才，透過烹飪、表演、運動等方式幫助社會，也能將在大學學到的知識（醫學、藥學、新聞傳播等）帶入偏鄉。

平台上亦有超過30間夢想推手，協助學生整合資源，將回饋社會的精神發揚光大！

夢想推手 共築未來



學生會員
1,000+

社會回饋專案
100+

受幫助的社會弱勢
6,000+

擔任學生與企業間的橋樑



2023亞太永續博覽會(Phare,有春文化,LiFUND)

截至2023年8月，LiFUND與50嵐 嵐星文藝體育事合作，共辦理9場藝文活動，並持續增加中，活動遍佈桃園至嘉義地區，活動內容涵蓋魔術、氣球表演與偏鄉手作教育營，受惠孩童近300人。我們堅信，透過媒合大學生社團與孩子們交流，能讓孩子們更加願意敞開心胸，並激發孩童無限想像力！

同年暑假，由LiFUND媒合中國醫藥大學 破風單車環島服務隊，與新光保全安心教室課程合作，舉辦為期四天的花東偏鄉推廣活動，同學們結合自身的藥學知識與新保安心教室，至花東多地推廣用藥安全、用電安全、防災避難、CPR/AED等多項課程！

LiFUND也積極於台灣各大校園推廣，與台灣大學學生會、實踐大學等簽訂MOU，並進駐逢甲大學創業育成與事業發展中心，期望能將社會溫暖放大，傳遞正向的影響力。這些與台灣各大校園的合作和進駐，展示了LiFUND對於促進青年人才的成長和社會貢獻的承諾。



RED HOUSE

紅瓦貓



當自然與人文相遇 廢棄物轉化的生活美學

紅瓦貓是一對退休夫妻，自城市移居中埔鄉所創造的園區。整個園區以舊物利用/廢物再生觀念打造。有一天負責人林書筠在河堤散步，無意間發現堤岸邊被傾倒了許多過熟的檳榔，廢棄物污染著我們的生活環境，便想著將其撿回，實驗開發成檳榔染料，再繼續進一步設計各種文創商品。

2021年申請地方創生經費補助，執行中埔地方再生

美學體驗空間建置，以及檳榔染文創推廣。

其美學走廊內部裝修70%以上使用台灣老屋拆除的檜木及台灣杉、烏心石等舊料，讓建築回收材料做最適當的利用。目前已完成部分再生美學藝術創作，「喵仔間」、「萌貓弄蝶」、「母與子」、「躲貓貓系列」等，興建共學教室及染布平台，持續將檳榔染推廣至社區。

紅瓦貓再生美學體驗空間

- 從再生藝術
- 美學走廊
- 自然環境
- 烘焙輕食
- 體驗手作
- 黑貓文創循環再生
- 公益回饋

RED HOUSE



▼ 山染服裝產業

以檳榔染作為底色，再移印中埔在地植物的葉材，發展「山形染」在地特色的服裝



▼ 自然步道

紅瓦貓旁就有一個小山丘步道，延著步道可以看到許多裝置藝術作品，很適合親子在手作體驗後，繼續探險和挖寶，處處可見到豐富的生態與美學完美的結合在一起。

▼ 場域特色

- 地方創生參訪活動
- 黑貓檜木工作室
- 小黑蟬公益屋書屋
- 再生藝術體驗活動
- 藝術家進駐交流



▼ 地點

紅瓦貓再生美學體驗空間
嘉義縣中埔鄉石碇村石碇 56-5 號
05 253 6835
salima0819@hotmail.com



$$\begin{aligned}
 & + \sqrt{x} = 5 \\
 & x \rightarrow \sqrt{5 \times 3} \\
 & B \int_{10}^{20} \frac{ct}{2 \sqrt{t}} dt \\
 & C^2 = \begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix} \\
 & \phi = \sqrt{\frac{\sum (x - \bar{x})^2}{n-1}} \\
 & \sum = n-1 \\
 & \frac{A-C}{C} = \dots
 \end{aligned}$$

循環經濟數學題

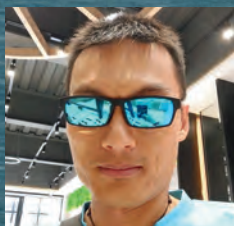


塑佳

- *資源再生
- *產業創生
- *環境共生
- *地球永生

π

小學堂



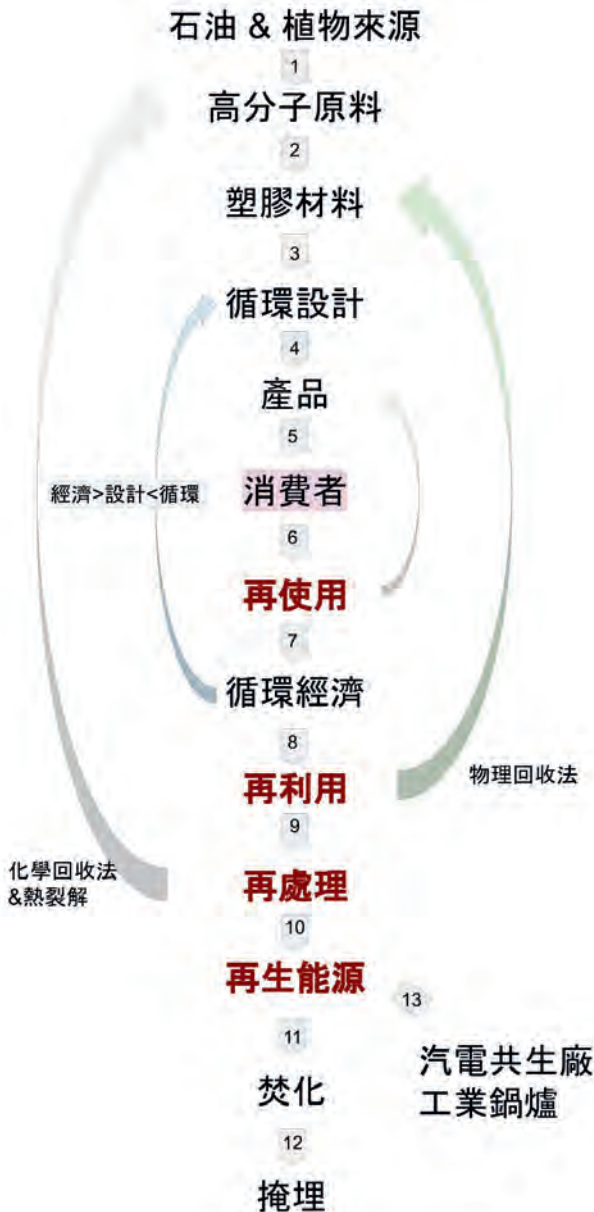
塑佳材料創辦人 陳朝煒
永續行動前的思考

$$\begin{aligned}
 & B \int_{10}^{20} \frac{ct}{2 \sqrt{t}} dt \\
 & + y^2 = z \\
 & S_3 = \begin{bmatrix} 1 & 0 & 0 \\ 1 & 0 & 1 \\ 0 & 0 & 1 \end{bmatrix} \\
 & \phi = \sqrt{\frac{\sum (x - \bar{x})^2}{n-1}} \\
 & \sum = n-1 \\
 & \frac{A-C}{C} = \dots \\
 & S = \int_0^{10} 5t dt \\
 & \pi = 2 \dots
 \end{aligned}$$



塑料資源 X 循環路徑

塑料資源-五個再字



塑佳材料將原來工業、民生、海洋的塑膠廢棄物經過合適的流程，加入創新技術或新型態的商業模式，讓廢棄物重新再造生命，讓找不到去處的塑膠們，不會被遺忘，也不會被焚化或掩埋處理，讓他們回到循環生態圈。

藉由循環x經濟的概念，透過常見的一般塑膠為再生案例，讓企業、政府及民眾共同參與塑膠世界的循環經濟之旅。

SC MATERIAL TECHNOLOGY CO.,LTD takes the industrial, livelihood, and marine plastic waste through appropriate processes, adding innovative technologies or new types of business models, so that waste can regenerate life, so that plastics who can't find a place will not be forgotten, nor will they be incinerated or buried, allowing them to return to the circular ecosystem. With the concept of circular x economy and common plastic recycling cases, enterprises, governments and the public can participate in the circular economy journey of the plastic world.



塑佳小學堂 考題

Whole Numbers

Name: _____ Class: _____

- 1 一日減碳，想想怎麼減碳最大化?
- 2 旗幟成本一面120元，用完就丟棄了，要怎麼創造循環經濟的價值?怎麼樣做才是具有循環經濟價值的設計?再思考一下這是什麼材質作的呢?
- 3 寶特瓶容器回收，那些是正確的步驟?
A、拆商標膜 B、拆蓋子 C、壓扁 D、將液體倒掉
E、放置回收區
- 4 有春超市推動環保活動
一瓶飲料20元，二空瓶再換一瓶，四瓶蓋再換一瓶，
(一) 這個活動可能要推廣什麼事?
A、認識容器 B、推廣環保 C、多喝幾瓶 D、團隊合作
E、數學計算

(二) 手上有100元，最多可喝幾瓶?
A、11瓶 B、12瓶 C、13瓶 D、15瓶 E、20瓶

一群人的努力，造就不一樣的世界



2030 超越圈圈

以「土地的味道、人文故事、生活的日常」為概念,串聯台灣循環經濟的日常生活,呈現台灣獨有的循環文化風格,網站記錄許多循環經濟的新創夥伴的解決方案。

<https://circular-cross.com/>



循環廠商影片播放列表

集合超過60多家的介紹影片,可在1分鍾以內快速了解每個廠商的特色和賣點。



有春文化-2030 超越圈圈展主辦單位官方帳號

以策展方式,策動全台灣循環經濟熱點計劃。

循環經濟 X 文化美學 X 地方特色,

打造台灣循環創藝特色亮點。

<https://www.instagram.com/FishCulture2030/>



有春文化官方IG及Facebook帳號--

會發表展覽宣傳介紹,最新消息,抽獎活動等等,

也會發表每年展覽的招商訊息,歡迎隨時聯絡我們!

<https://www.facebook.com/FishCulture2030/>

主辦單位



環境部資源循環署
Resource Circulation Administration
Ministry of Environment

承辦單位



康城工程顧問股份有限公司
Cambridge Engineering Consultants, Inc.

策展單位



有春文化有限公司

協辦單位



國立臺灣科學教育館
National Taiwan Science Education Center



美麗台灣關懷協會



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