

Better Life

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- P.14 大地色與地球的對話
- P.16 極豔與美麗的邂逅
- P.18 展現流行時尚的數位印花
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「追求進步創新、發揚人性光輝、增進人類福祉」是永光集團的經營理念。透過《Better Life》的發行，除了傳承企業文化，並與永光集團全球的股東、同仁、朋友分享願景、重要訊息、成果以及深刻的永光文化之美。《Better Life》線上閱讀請上 www.ecic.com/quarterly



封面故事：永光化學因應潮流創新研發，展現織品色彩極致，改變機能性服飾面貌，讓環境與產業生態「亮」起來，更加生色，更具競爭力。

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大時代、大格局、大使命

陳建信董事長談參與世界級競賽的態度與思維

與世界級企業合作與競爭

永光化學自成立以來，在各個發展階段，持續有生力軍加入，匯聚多元的專長，組成陣容堅強的世界級團隊。今天，我們承先啟後參與世界級競賽，面對著詭譎多變的產業環境、強勁的競爭對手，以及未來的趨勢走向，應該抱持怎樣的態度與思維來迎接挑戰呢？

在世界頂尖企業之中，永光化學的規模雖然不大，但是合作的廠商、服務的客戶、競爭的對象，許多是比我們大十倍、二十倍、甚至百倍以上的大企業。身為永光的一份子，我們必須認知，不僅要做好自身工作，更要提升自己，力求進步，以在世界級競賽中出類拔萃。

科技創新的核心

政府大力扶植半導體、LCD、生物科技等「兩兆雙星」的高科技產業。實際上，高科技產業能夠快速進步，實有賴化學材料的推動。譬如：永光的拋光研磨液在 Apple 新型手機製程扮演要角，永光的光阻劑是 LED 製程的關鍵材料之一。永光在經濟部《特用化學品工業年鑑》內含的九大產業之中，囊括了原料藥、塑膠添加劑、染顏料、塗料、界面活性劑、接著劑及電子化學品等七大領域。現今我們有幸參與科技產業發展，化學產業居核心的地位不會改變，將不斷有新的需求與機會。

成功升級，挑戰高科技

永光化學從傳統化工業起家，藉由染料技術提升，躍居台灣第一，在世界舞台綻放異彩。永光的染料為染整業提供最佳解決方案，讓人穿出流行、安心與舒適；永光針對不同織物和噴頭開發的染料和墨水，使數位印花夢想

成真；永光的貼合膠更具備對人體及環境的安全性，為機能性服飾帶來精采的改變，讓紡織產業更具國際競爭力。

20 世紀末，永光化學為了永續發展，一方面深耕染料事業，一方面往特用化學品、醫藥化學品、電子化學品、奈米材料及碳粉等高科技領域邁進。20 多年來，我們發揮團隊精神，憑著信心突破困難，成功升級轉型，獲利逐年遞增。期許大家在前輩們打造的基礎上，繼續努力。

今後的化學工廠

面對全球激烈的競爭環境，我們比前輩們有更多的機會接受挑戰，預料日後的化學工廠，將朝以下方向發展：

1. **工業 4.0**：從工業 1.0、2.0、3.0，到網路帶動工業 4.0，互聯網、機器人、商業自動化等盛行，產業發展一日千里。
2. **反應設備微型化 (Microreactor Technology, MRT)**：微型生產技術帶來產業革命，實驗室規模的空間，約可創造一座工廠的產能，具高效益、少浪費、精確產量等優勢。
3. **綠色工廠**：永光運用綠化科技技術，簡化製程。2014 年，永光二廠順利通過工業局清潔生產工廠評定，朝向綠色工廠目標邁進。

身為化學品製造公司，我們宜深思如何因應趨勢，使生產更具競爭力，開創更光明的遠景。永光化學已投入專家、團隊與資源，進行研發，期能掌握先機。

明日的商業模式

阿里巴巴淘寶網全新的商業模式，壓縮了中間商的生存空間，造就廠商與消費者雙贏局

面。在中國大陸，網購已是生活的一部分，藉由行動載具與行動網路的普及，悄悄改變了人們的生活。我們必須關注以下趨勢，對於傳統B2B商業模式的影響。

1. **行動思維時代**：現代人凡事依靠手機等行動裝置，帶動行動思維轉變，每個消費者的「行動時刻」，都是企業掌握需求、即時提供服務的關鍵商機。
2. **O2O (Online to Offline) 模式**：結合實體店面與電子商務，網上購買、線下服務，增加實體商家宣傳的機會、提供消費者便捷的購物資訊，帶來新商機。
3. **互聯網+**：利用雲計算、大數據等網路技術與平台，互聯網與各別業態結合，改變商業模式，提高效率，節省成本，增加效益，開啟世界新經濟時代。

鑒於阿里巴巴從傳統公司進入互聯網後的蛻變，永光化學面對電子商務帶來世界性的商業變革，亟思因應之道，積極投入資源，參與世界級的競賽。

野田聖子故事的啟發

日本眾議院議員野田聖子唸大學期間，曾利用暑假到皇家級的東京帝國飯店打工，被分配到洗廁所的任務。第一次在飯店洗廁所，她感到噁心極了，做了幾天，決定辭職。當她準備遞出辭呈時，看見一位老前輩邊洗廁所邊哼歌，洗好之後，竟從馬桶舀一杯水喝下去，他自豪地說：「我清理過的馬桶，乾淨得裡面的水可以喝。」他以工作為樂、為榮，表現敬業精神，給野田聖子很大的衝擊，於是效法他認真清洗廁所。

兩個月實習結束，當主管人員檢視工作成果時，野田聖子從自己清洗過的馬桶中，舀起一杯水，當著眾人面前喝下去，震驚所有人。經理馬上延攬她畢業後前去就職。日後，成為東京帝國飯店最出色、晉升最快的優秀員工。37歲時，她轉換跑道，至今連續當選8屆眾議院議員，也曾擔任日本內閣郵政大臣、特命擔當大臣等要職。野田聖子為自己的專業負責，努力做到最頂尖。她的故事，非常具有啟發性。

我們不滿足於小確幸

同樣地，永光化學向來不管做甚麼事，都力求做到最好，盡力與自己挑戰，以達臻世界級水準。我們不以小確幸為滿足。我們有幸面對一個大時代，要以大格局，承接大使命，期能創造歷史，改變歷史。我們具體承諾「更用心的化學，更美好的生活」，並且確信，用對的化學品，可以讓生活更美好！希望我們的努力，可以改變世界，為人類帶來福祉。讓我們一起努力，一起學習。🌍



給孩子富腦袋， 勝過給孩子富口袋

2015 年兒童理財營

日期：2015/7/1~4

地點：永光一廠



2015 年品格營活動，主題為「天財好管家兒童理財營」。理財不是孩子長大就自然會有的能力，理財不只是金錢管理，而是夢想的實踐及生命價值觀的落實。永光化學透過「天財好管家兒童理財營」，教導孩子正確的金錢觀與價值觀，讓孩子擁有富足的生命，成為天財好管家。在一邊玩一邊學習的過程中，學習對金錢的判斷力，思考在日常生活中的「需要」與「想要」，好好使用零用錢。營會課程設計，頗具巧思與創意，融合品格內涵，深植於孩子心田，讓孩子從小便知道管理與使用錢財，是一種至老都不虞匱乏的能力，成為一位真正的「天財好管家」！



廖敏敏攝

當愛玉與檸檬遇到了甜美的笑容，化成一碗碗止渴的消暑聖品。



第 1 天：金錢好管家——學習錢的分配與計畫

教導孩子認識錢的來源與各國幣別，發放天財幣，學習如何成為「天財好管家」。課程項目包括：記帳、規劃零用錢、儲蓄、捐獻等理財相關課題。教導孩子學習妥善管理金錢知識和技巧，了解儲蓄不可少、支出要減少與奉獻公益真美好的三大精神。活動中，販賣文具、零食、戳戳樂，有些孩子花光了天財幣之後向銀行借款，高利貸嚇壞了他們，學得教訓之後，不敢亂花錢。同時，引導孩子們認真記下每一筆收入和支出，並定期檢討，養成記帳的好習慣。



第 2 天：聰明消費我在行——學習認識「需要」跟「想要」

教導孩子善用零用錢，分辨甚麼是需要、想要，並學會抉擇。科學麵、泡麵、漢堡、雞塊、薯條、珍珠奶茶、白飯、蔬菜……，課程中，讓孩子們自己選擇午餐要吃什麼？學習當個聰明的消費者，分辨健康食物與垃圾食物的差別，明白儲蓄自己的健康，才是最大的財富。



第 3 天：天下沒有白吃的午餐——學習開店能力大建造

幫助孩子們的在模擬真實的消費環境中，培養好品格。在團隊合作中協同開店，學習互動技巧和親身體驗 DIY，感受精美作品得來不易的喜悅；無論什麼工作都是神聖的，要成為對社會有貢獻的人。不一樣的





兒童理財營活動，是喜樂、愛與分享的心靈饗宴。圖為永光化學的同仁擔任志工，教導孩子用永光的染料製作皮飾，充滿永光玩「皮」味。

午餐，分富人區、小康區、恩典區，體會知足便是福的道理。從中鼓勵孩子們正確的消費行為，破解廣告和超商的誘惑，學習聰明的選擇。

第4天：真正的富足——學習打造黃金店面

體驗工作賺錢，打造店面，認真佈置、廣告設計，製作獨一無二的作品，開店需要「本事」、「本錢」、「本分」三大本領。學習人際互動、各盡本分的重要性。從籌備到開店的落實，孩子也必須不斷經歷問題的解決，發揮創意，體驗「能工作，能付出」，就是真正的富足。

志工心得

轉眼間，4天的兒童理財營圓滿結束了，孩子們、營長和每位隊輔、小隊長、行政志工、值星官、才藝老師們相處的點點滴滴，仍歷歷在目，畫面一幕幕映在腦海中，伴隨著極深的感動和依依不捨之情。在營隊中一起遊戲、一起學習、一起成長，大家包容彼此的差異，了解互相尊重的重要，從團隊合作中，討論與協調，建立健康的態度、記帳習慣及價值觀。透過老師們的一步步引導、啟發思考，孩子們從一開始不知所措，逐漸變得有次序、會做金錢規劃，懂得學習付出，甘心樂意奉獻，並捐款救助需要幫助的人，傳播快樂、傳播愛。豐富精采的課程，不但幫助孩子們成為一個獨立自主、發展均衡，擁有節制好品格，還能活出「量入為出」、「什一奉獻」、「只要有衣有食，就當知足」、「價值比價格重要」、「親手做工」、「忠心記帳」、「敬虔加上知足的心」、「施比受有福」等富腦袋的天財好管家！

關於天財幣

營會中，學員每天皆可獲得零用錢「天財幣」，所有項目買賣支出，都得靠著它來執行，這是為兒童理財營特製的虛擬貨幣，透過活動學習良好的金錢觀與衡量生命的正確價值。



三廠 楊雅雯



比理財更教人富足的態度和熱情

這是我第二次參與永光兒童品格營。剛開始聽到「理財營」的主題，覺得不可置信，心想這麼小的孩子怎麼可能學會理財？！要他們不亂花錢，就要費一番功夫了吧！課程中，超商販售的商品琳瑯滿目，非常吸引小朋友花錢買喜歡的東西，很多人過來跟我說：「老師，我只剩下十塊錢了，可是我還要再去玩！」

隨著課程循序漸進地展開和教導，他們開始會規劃要怎麼更聰明運用這些金錢，而不是只為了滿足自己一時的慾望。也有小朋友願意把自己的錢拿出來給小組當做開店基金，公益的捐款越來越多。還有組員分工合作，努力行銷自己的商店，成為最棒、最有特色的店……。小朋友們展現出來的活力和成長，都是我始料未及的。他們或許沒學到如何投資，但是已經知道如何更有智慧和效率使用自己的金錢，將是他們最寶貴的收穫。

在4天的相處中，我在孩子們身上看到很多好品格，他們的主動、單純和天真，是隨著年歲增長的我所漸漸流失的；欣賞他們的勇於回答、順服聽話和積極參與。這次永光化學舉辦的兒童理財營，我個人與其說是老師，其實也是學生，讓我深深感受到孩子眼中散發出的態度和熱情，遠比理財讓我更富足！

員工眷屬 / 營會志工 黃庭婕



教育孩子正確的金錢觀

天下父母心，希望孩子這輩子無憂無慮、不愁吃穿，過著富足的生活；因此我們努力賺錢，給孩子唸好的學校、豐富物質，過著不虞匱乏的日子。久而久之，孩子的衣服、鞋子非名牌不穿、手機非蘋果不拿，東西好好的，只因退流行了就不用，直喊零用錢、薪水不夠，進而衍生出卡債問題，這種狀況比比皆是。

根據金管會銀行局最新統計，台灣所有卡債中，五分之一是由20~29歲年輕人所「貢獻」，他們主要用於購買奢侈品。可見教育孩子正確的金錢觀何等重要，身為父母的我們責無旁貸。講師提及「給孩子富口袋，不如給孩子富腦袋」，這句話震撼我心，也將它送給所有同為父母者，一起思考如何從小教育孩子，影響他們的未來。

在兒童理財營擔任志工的我，也重新學習到「正確的金錢使用方式、抗拒慾望誘惑，並了解到真正的富足，不是一味追逐物質，而是滿足自己所擁有的，在自己的能力下幫助別人，善盡世界公民的責任，才是生活與心靈上真正的富裕。」感謝所有同工辛勞的付出，以及家長熱情報名參與，共度兒童理財營活動。雖然透過4天的活動要改變一個孩子，是困難的，真心期許家長們思考自己對孩子的教養方式是否正確？並在孩子成長的階段，不斷提醒他們正確的金錢觀，搶救他們免於成為「負翁」的可能。

三廠 游淑燕



綠色會計再添新頁

推動「環境會計提升及精進計畫」

日期：2015/7/24

地點：永光化學總部

因應環境會計與 CSR 結合新趨勢

為因應未來金管會將會計師納入 CSR 查證工作，並以 ISAE 3000 做為查證基礎，永光化學於 2015 年 7 月 24 日正式啟動「環境會計提升及精進計畫」專案。

專案負責人安衛處黃智寬處長表示，此計畫推動，主要參考 GRI G4 建立環境績效指標，各廠/處的能資源運作紀錄需先 e 化上線，以確實掌握永光集團對於環境相關的投入與產出情形，期能逐年精進，達成綠色企業的願景。

建構環境活動溝通的橋樑

環境會計主要是在辨認及衡量與環境相關活動的成本，以此做為環境管理決策之用。其目的在認知及尋找組織從事與環境有關的活動，減少對環境造成負面的影響。

黃智寬處長認為，環境會計的規劃與推動，不但是組織未來發展的基礎，也是訂定經營方針與決策的重要資訊。由於國際間對於環境保護的重視與環保法規日趨嚴格，加上社會大眾環保意識高漲，使得企業於追求永續發展時，環境活動成為企業營運活動重要的一環。透過環境會計制度的建置，可以做為企業揭露從事環境活動的基礎及溝通工具。



在總經理及相關高階主管主導下，永光化學委託沈華榮教授（前排左二）輔導，展開為期 3 個月的「環境會計提升及精進計畫」。

建置環境成本會計系統的先驅

1998 年，永光化學率先實施環境會計，是國內第一家建置環境成本會計系統的廠商。本公司具備彈性組織結構的 CSR 動態能力，落實員工環保意識的教育訓練與技術學習，所投資的設備充份發揮功效，並成功建置全台第一套環境會計制度。經過多年不斷地修正和努力，已有相當的成效。

永光化學因應環境會計與 CSR 環境面結合的趨勢，再次委託台灣環境管理會計協會理事長沈華榮教授輔導，從 2015 年 7 月起進行環境會計系統精進改良，使現有的環境會計系統可支援 CSR 的資料蒐集與分析作業，預計於 10 月底，將可完成精進計畫。

專案目標

1. 系統物質流的質量計算（能資源及化學物質的投入與產出），訂定 / 統計環境管理效益和指標。
2. 找出廠區（或深入製程）能資源及化學物質不合理排放 / 漏失之處，並加以改善。
3. 提報 CSR 報告書各項環境指標和效益明確可查的佐證數據資料。
4. 將建置過程和操作方式，依標準化定義彙編《綠色會計作業手冊》。



二廠 陳麗華

Event Diary

脈動速寫

成為「bluesign® system partner」化學品供應廠商之一

4/8

地點：台北南港展覽館

永光化學一向注重生態環保、製程及化學產品安全，確保產品使用於紡織品，符合全球級消費者產品安全規範。2015 年 4 月 8 日，永光化學通過藍色標誌標準 (bluesign® standard) 工廠審核 5 項評估原則及實施，成為「bluesign® system partner」化學品供應廠商之一。5 月 22 日，陳偉望總經理更受邀於 bluesign、adidas、Nike、puma 聯合舉辦的「化學品供應商大會」(Chemical Supplier Event) 中，分享永光化學品管理策略，透過技術精進及持續改善，邁向有害化學物質零排放目標。（產品責任部 黃惠卿）



林淳霖攝

入列首屆公司治理評鑑前 20% 名單

4/30

地點：台灣證券交易所

台灣證券交易所第一屆公司治理評鑑結果，首波公布成績排名前 20% 的名單，包括：台積電、中華電、鴻海等 160 家上市公司及 119 家上櫃企業入榜，永光化學名列其中。證交所自 2014 年實施公司治理評鑑後，上市櫃公司在各項公司治理指標，都有顯著進步。以上市公司為例，股東常會年報平均上傳時間，從召開日前 10 日提前至 14 日，編製企業社會責任報告書的公司，也增加了 55%。（永光化學官網）



參加德國 Techtextil 產業用紡織品展覽

5/4~7

地點：德國法蘭克福

「Techtextil」為產業用紡織品及不織布在國際上重要的貿易展覽，預估商機上看千萬美元。主要展示內容，為工業或機能性紡織品及相關周邊的軟硬體等應用領域。全球產業用紡織品市場瞬息萬變，各類型紡織品不斷推陳出新。其中，以智慧型紡織品最為吸睛，運高更精密的檢測設備與量測系統的開發，將高科技紡織品走向工藝化的更高境界。此次展覽，我國由紡拓會組團參加，永光化學是唯一以貼合膠 (PUR) 為展品的台灣公司。（二廠 陳婉郁）



王殷光攝

對焦中國大陸市場，勾勒 2020 願景

地點：廣州 & 上海

永光集團為持續強化中國大陸市場行銷，自 2015 年 6 月初至 7 月初於廣州及上海兩地，分別舉辦一系列方針訓練及願景規劃。會中，除了建立大陸各子公司的願景與定位之外，並與集團總部行銷策略對焦，針對數位印花、皮革、紡織、墨水、金屬、特化等重點產業，從政策法規、總體經濟環境、市場分析、產品組合到競爭策略，建構一整套紮實的 5 年發展計畫。期望透過佈局的思考與組織的強化，有效拓展中國大陸市場。（總經理室 黃世承）

6/1~2 & 6/29~7/2



CPhI China 2015，展出永光品牌優質原料藥

地點：上海新國際博覽中心

2015 年第 15 屆世界製藥原料中國展 (CPhI China 2015) 是亞洲最重要的醫藥原料藥展，參展家數超過 2,800 家，參觀人數逾 5 萬。永光化學醫藥事業處於本次展覽中，向全世界來訪的客人介紹符合 GMP 的優質原料藥產品，以專業及創新出發，使永光品牌形象深植於客戶心中。同時，藉由國際展覽平台，了解最新的市場動態與法規趨勢，開展與國際製劑廠家的合作契機。（醫藥營業處 黃帥）

6/24~26



2014 永光化學 CSR 報告書出爐

地點：永光集團總部

永光化學為完整揭露企業社會責任成效，呈現與利害關係人溝通結果，自 2012 年起，採國際公認、由全球報告倡議組織 (Global Reporting Initiative, GRI) 發布的「永續性報告指南」(Sustainability Reporting Guidelines)，做為企業社會責任報告書的架構依據；2014 年更與國際同步，採用最新「GRI G4」版本，讓報告書的參考性更加方便，揭露的內容更加明確，並結合其他國際公約或國際標準，向利害關係人報告本公司在經濟、環境及社會面向的策略與活動，展現永光落實企業永續經營及發展的決心。（總經理室 曾瀚緯）

6/30



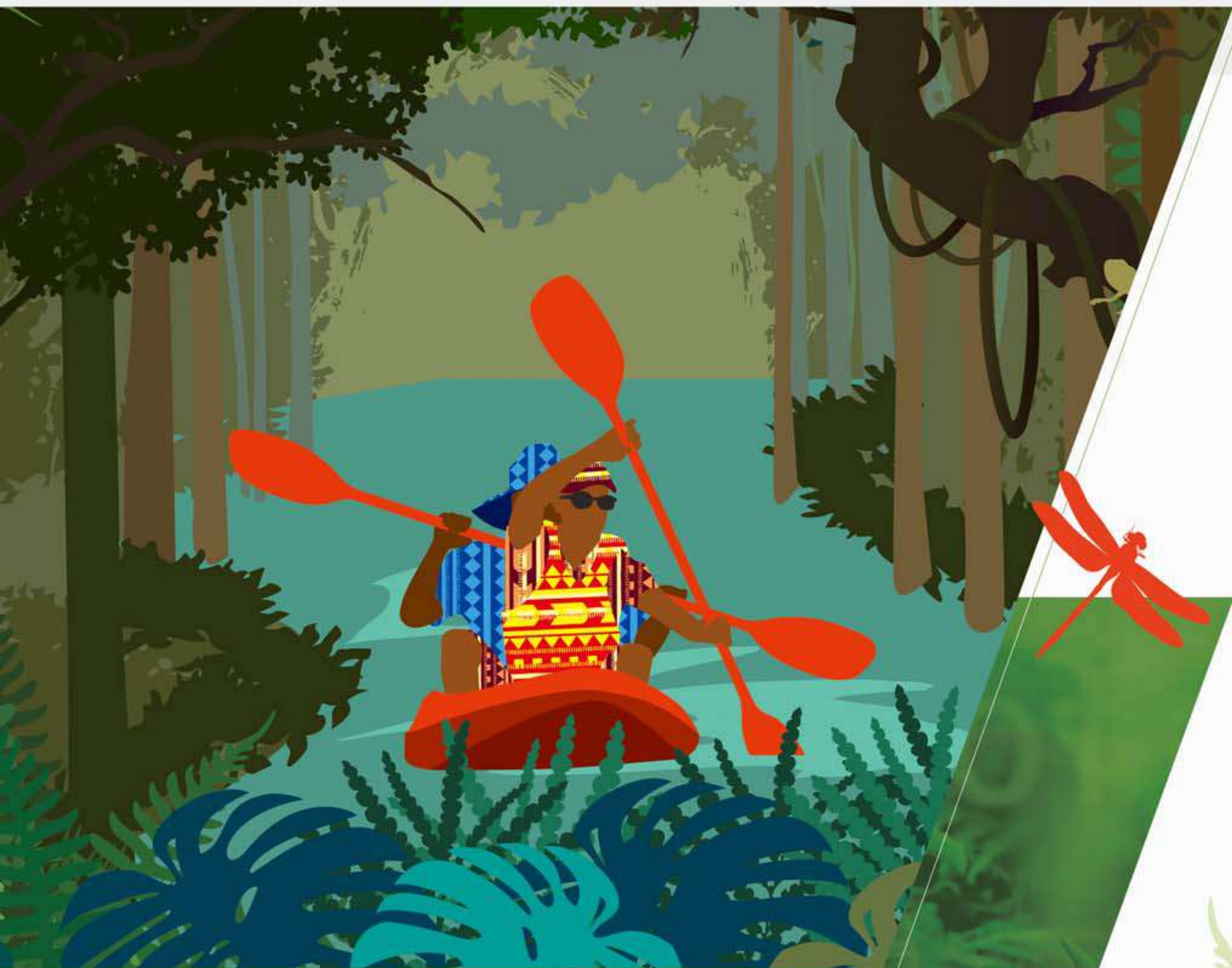


COLORS THAT CHANGE LANDSCAPES

生態亮了，
因我 顏色！

最接近自然的大地色彩與熠熠生輝、極豔色系的組合，將色彩的光譜推向更極致的兩端，展現雨林般的豐富多彩，釋放生命正面的能量。





機能時尚，絢麗多彩



> 總經理室 曾玉明



當人們追求自然與時尚兼容、個性與多功能並蓄，永光化學發揮創新研發精神，將夢想化為行動，帶動織品色彩的極致表現和機能服飾的精采風貌，改變了人們的生活與品味。

大地色與極艷的衝突與調和

多樣的大地，滋生溫厚飽滿的色彩。土黃、鐵灰、橄欖綠……等最接近泥土、最天然的顏色，是廣受喜愛、不易退流行的經典色系，人們喜歡將它們應用在織品服飾，象徵天然環保，凸顯優雅穩重的氣質。如何讓大地色彩不失逼真地躍然於「布」上，始終是染色技術努力的目標。永光化學的色料研發團隊突破產業困境，一次滿足業界染色均勻、高耐日光、高耐氯水的需求，兼具環保、無毒的特性，是領先業界的標竿型染料。

陽光下蔚藍的海洋、西空的彩霞、深秋的楓紅……，燦耀的色彩，教人陶醉。自古以來，人們窮思極想從大自然萃取豔麗色彩。直到 19 世紀中葉，英國有機化學家威廉·亨利·珀金 (William Henry Perkin) 發明苯胺紫 (mauveine) 染料，巧奪天工，開啟了人工亮彩色系的合成工藝。大膽跳脫大地色的樸實無華，永光化學挑戰極限，推出一系列極艷色彩，實現人們對高亮彩純棉織物的渴望，穿出時尚風格與安心舒適。

“永光運用創新技術，
讓紡織產業更加亮麗，
帶來綠色競爭力與商機。”

從質樸的大地色到耀眼的極艷色系，永光化學將色彩的光譜推向最極致的兩端，讓原始與現代共存，古典與新潮並列，樸實與華麗共生，現代的流行時尚和雨林的豐富多彩相融，洋溢著美好的氣息，改變了環境及產業生態，帶來正面的力量。



機能性服飾的精采改變

紡織品的靈魂，在於圖案色彩的呈現。在追求時尚、創意的現代風潮中，人們如何穿戴出品味與個性，家居生活怎樣營造溫馨浪漫的氣氛，甚至戶外廣告旗幟如何製造吸睛亮眼的效果，在在都與紡織印花技術良窳有關。鑒於傳統紡織印花製程冗長、耗人力與能源，容易污染環境，永光運用創新手法，將數位科技融入紡織印花，開發高品質的染料及墨水，有效縮短製程，引領時尚風潮，創造各種可能，數位印花時代已然來臨。

隨著運動風潮盛行，服飾的功能不僅要能展現個人風格，還要能夠吸濕排汗，維持清爽舒適，下雨不用雨具，仍能照常運動，刮風不需披大衣，而能不受風寒；藉由 PU 高分子貼合膠的應用，讓人們的生活更加便利。相較於傳統貼合膠主要是溶劑產品，內含許多有機溶劑，使得產品加工時產生大量揮發物質，影響健康，造成環境污染。永光化學生產的貼合膠不含有機溶劑，具有強韌接著力、耐水洗、耐高溫烘乾、耐高壓消毒等特性，兼具環保與安全，成功扮演機能性服飾隱形媒合的重要角色。

無論是風格獨具、看得見的數位印花，或是隱身在機能性服飾、看不見的貼合膠，永光化學以節能、環保的理念，以創新的技術，推出創新產品，悄悄地改變了機能性服飾的風貌，引領新的生活潮流，讓紡織產業更加亮麗，帶來綠色競爭力與商機。🌱



大地色與地球的對話



> 技術行銷處 葉嘉立

永光化學的大地色系染料，具有染色均勻、高耐日光、耐氯水、環保、安全等特性，不僅解決了染整產業長期的困境，更是名副其實的環保型產品。

幫助客戶解決問題

2013年8月，菲律賓某家染整廠，使用市售某品牌的均染型染料，染出一批毛巾產品，供應當地一家全球知名的國際連鎖速食店，做為清潔擦拭之用，卻因毛巾經常接觸高濃度氯漂水，而出現嚴重褪色的情形，遭客訴賠款，並且要求改善。

為此，該染廠急於找尋能維持毛巾品質特性，且能在高濃度氯水洗滌接觸下不易褪色的染料組合，因而找上永光化學。永光的 Everzol® CS 大地色 (Critical Color Solution，簡稱 CS) 染料，具備均染性、耐長時間日照、耐氯水不易褪色等特性，正是該染廠所亟需的染料特性，成為他們最佳的選擇。結果，永光不但幫助該染廠順利解決問題，並且為他們贏回了客戶的信賴。

“永光的大地色染料，是名副其實的環保型產品。”

解決業界困境的大地色染料

大地色是指橄欖綠、鐵灰、土黃色、咖啡色……等大地自然色系，是深受年輕朋友喜愛的流行色系，帶給人們自然、環保、舒適及紓壓的感受，非常容易搭配服裝色系，是染料中的長青樹。晚唐瓷器的極品「秘色瓷」，上釉的顏色就是以大地色系為主。大地色來自於天然色彩，從古至今，令人百看不厭，是不退流行的經典色系。

然而傳統染料在大地色系的表現，對於均染性、耐日光與耐氯水不易褪色等要求，始終無法兼顧，成為業界長期的困境。為此，永光的色料團隊突破技術瓶頸，做到均染性佳、高耐日光、耐氯水不易褪色三者兼具，一次滿足客戶的需求。

永光化學的 Everzol® CS 染料，適合淺至中敏感色系染色，可以讓衣物、家飾等織物，在日光連續照射下不輕易褪色，和一般高耐日照的反應性染料相比，具有極佳的耐氯水不易褪色的特點。例如：毛巾產業，就需同時兼具上述兩種需求，以及染色易均染的特性，在常見磨毛織物（俗稱桃面布）的染色應用上，還可以正反面同色調染色，擁有均染性、高耐日光、耐氯水三大優勢。

環保愛地球，穿得更安心

此外，大地色富有自然環保意涵，卻因染整過程中，很可能因為份量拿捏不準，造成整批布重染，不僅增加生產成本，而且造成環保問題。永光化學戮力研發，以專業的技術，為客戶提供一次對色的解決方案，幫助染整業者快速、準確地染出對的顏色，不僅省時、省資源，且可保護地球，是名副其實的環保型產品。

永光化學為提升人們更美好的生活，始終不遺餘力，更用心研發染料新產品，並積極朝著有害化學物質零排放 (Zero Discharge of Hazardous Chemicals, ZDHC) 的目標邁進，Everzol® CS 系列染料就是符合 ZDHC 要求的正面產品。永光貼近自然，推出環保、安全的大地色系染料，目的就是要讓消費者不必擔心衣物有毒害殘留，而能穿得更安心。





極豔與美麗的邂逅



> 研發中心 陳建宇

坊間亮彩服飾，大多數是混紡，永光化學突破傳統色譜範疇，推出鮮豔且實用的亮色系染料，滿足染整業者及消費者對時尚流行與天然舒適的需求，為生活增添亮麗色彩。

象徵尊榮高貴的亮藍色

無論碧海藍天如何自然無瑕，因為素材難尋，史前藝術家始終無法將藍色綴飾於畫布，直到代表幸運的藍寶礦石被人挖掘，人類始能駕馭這些藍色顏料，像埃及皇家的寶石藍、美洲土著鮮豔的瑪雅藍，都是稀世珍寶。

工業時期以前，藍色染料實屬難得可貴，特別是閃耀著絢爛光澤的織物，代表貴族的尊榮與不凡。時下，有「彩虹女王」之稱號的英國女王伊莉莎白二世，最常穿著藍色服裝。一襲素雅端莊的亮藍呢子大衣，搭配黑色手提包及黑皮鞋，低調地襯托女王穩重高貴的氣質，驅動人們對鮮豔色彩的熱切追求。

“永光的亮彩色系，無疑是棉織品時尚界的一大福音。”

滿足舒適與高彩度需求

隨著服飾掀起明亮色系的流行風潮，染整業開始在反應性染料中，尋覓適用於純粹色、高彩度的織物，然而這類染料卻十分罕見與稀有。因此，想要滿足人們穿著豔麗兼具舒適的棉質衣物，的確是反應性染料極大尺度的挑戰。畢竟坊間高亮色系的織物，大多數是混紡，鮮少百分之百的純棉織物。

近年來，永光化學的色料研發團隊挑戰技術難度，研發出亮黃、亮藍、亮紅、亮橘及緋紅等5種極豔的「時尚色彩」(Fashion Color，簡稱FC)染料，亮麗持久，不易褪色，充分滿足人們對於高亮彩純棉織物的喜好，更成了當今敢放閃的靚女潮男之最愛。

棉織品時尚界的福音

永光化學的 Everzol® FC 反應性染料，突破傳統染料色域的限制，縮小纖維素纖維與合成纖維在高彩度明亮色的差異，顏色鮮豔、獨特，達到染整業者對均染及再現性的需求，使得服裝設計師在色彩應用與選擇上，更加靈活，具有彈性。在染料的里程碑上，永光的亮彩色系，無疑是棉織品時尚界的一大福音。

舒適亮麗的純棉織物，代表著一份對美好生活的嚮往，予人自然無拘、輕鬆自在的感受。永光化學透過精心研發的亮色「Fashion Color」系列，堅持將幸福的理念傳遞出去，為生活增添亮麗色彩。●

亮麗色彩，傳遞幸福

色彩不只滿足人們的視覺享受，還有撫慰心靈的作用。紅色象徵博愛與熱情，帶來無窮活力；橙色是健康色，能舒緩身心；黃色為溝通色，能增進人際關係；藍色是穩重色，具有療癒、鎮靜效果。明亮的色彩，更如太陽照耀，光彩奪目，令人欣喜、振奮，釋放正面能量，帶來幸福。



展現流行時尚的 數位印花



> 研發中心 陳小山



墨水是數位印花的關鍵，永光化學經過十餘年精心研發，針對不同織物及不同噴頭，開發出適用的染料及墨水，為客戶找出好的解決方案，讓數位印花夢想成真，展現真正的價值。

紡織印花，流行時尚的代表

紡織印花是流行時尚的代表，利用數位噴印方式，可以針對不同角色的個性與特點，設計出風格獨具、巧妙變化的各式服裝，為數位印花創造無限的可能。

同時，它也是染整產業中重要的一環。相較於過去印花製品使用網版套色，得花上 3~4 個月才能完成生產，耗時費工，且不環保；數位印花技術不需網版，生產時間縮短到 1~2 週，可隨季節變化，快速提供花型設計成品，讓印花變得更科技、更環保、更快速、更多元，而能夠隨時掌握流行的脈動。

“永光的墨水製程，經層層把關，達成良好印花效果。”

墨水開發，經過層層把關

若以汽車來比擬噴印設備，噴頭就是數位印花的引擎，墨水就是燃油；油品不好，容易讓引擎受損，而且再好的車子，要是沒有配上好的油品，怎麼也跑不快，甚至無法順利運轉。同樣地，墨水如果用一般傳統印花染料來配置，輕者噴不出來，或是噴印不順；嚴重的話，還會傷噴頭，甚至造成噴頭阻塞。

永光化學在墨水開發過程中，注重品質，嚴格把關。首先，我們嚴選好的染料，以確保好的牢度特性。其次，由於噴頭非常精細且嬌貴，墨水要比喝的水還精細，以達成良好的印花效果。

色料的專業生產廠商

數位印花 (Digital Textile Printing, 簡稱 DTP) 的應用，包含噴印設備、噴墨墨水、噴印軟體，以及織物的前後處理，是一個整合的技術；透過機器設備商、軟體商、墨水製造商及印花生產商，構成一整個產業鏈。但是一般設備商與軟體商，並不懂得化學，更不了解實際的色料與顏色之間的差異，然而，對印花生產商而言，不僅希望能夠印得順、印得漂亮，而且要能符合生產成本。

永光化學是色料的專業生產廠商，深入了解各種色料的特性與法規要求，並且能夠全程管控色料及墨水各階段的產品規格。同時，擁有傳統印花應用技術，能適時協助客戶解決相關製程問題，讓客戶用得安心、滿意，又符合期待。



讓數位印花夢想成真

永光化學在數位印花產品開發領域，累積十餘年豐富的經驗，針對不同織物及不同噴頭，開發出適用的色料及墨水。我們相信，唯有好的產品，才能為產業帶來充滿希望的未來，讓數位印花夢想成真。●



機能媒合的綠色貼合膠



> 研發中心 董介立

永光化學本著綠色企業的佈局，創意整合機能性應用領域，所生產的 Evereco® 系列貼合膠，耐高溫、彈韌性佳、黏著性良好，不含有機溶劑，是對環境友善的環保產品。

黏出緊密的信賴感

市面上很多貼合膠 (Polyurethane Reactive，簡稱 PUR) 無法耐高溫，容易造成貼合物分離的困擾。舉例來說，近年來，洗衣機主打各種不同的特殊洗程，洗脫烘三合一，一次搞定髒衣物。一些經不起考驗的機能性服飾貼合膠，往往在高溫烘乾下變質，或是歷經特殊洗程之後，產生與布料分離的情形，整件衣服因此報銷，十分可惜。

曾經有某家廠商，因為先前所使用的貼合膠不耐高溫，造成黏著時失效而分離，後來改用永光化學的 Evereco® 系列貼合膠，順利解決了耐高溫消毒、耐化學清潔劑等問題，進而成為永光的忠誠客戶，黏出緊密的信賴感。

“ Evereco® 系列貼合膠，是對環境友善的環保產品。 ”

創造奇蹟的 PUR 創意推手

一般來說，貼合膠和高分子材料黏合，擁有耐高溫、彈韌性佳、黏著性良好與應用性廣等優點，最常被應用於汽車材料、運動休閒服飾、建築內裝、醫療器材等領域。同時，PUR 具製程光學、物理與化學特性，透過薄薄一層膠，以「藏鏡人」之姿，結合不同功能的產品，成功媒合許多產業。

PUR 可以取代螺絲，增加光電面板的良率，有效降低製造成本；也可以結合透氣、吸濕、排汗等多層結構，讓運動型衣料吸水力強的纖維在外層，汗水再從裡面的吸收層蒸發。PUR 貼合膠可謂是各行各業的隱形高手，總有令人意想不到的黏著新應用！

裡外兼顧的低調 PUR 高手

然而，市面上一般貼合膠，大都為溶劑型產品，包含很多有機溶劑，在產品後加工時，會產生大量揮發性有機物質，危害人體健康及自然環境。舉例來說，一個國際賽程足球場面積大小的皮革，就有高達 600 公斤的有機溶劑，需要蒸發與廢氣處理，不但耗能，而且增加碳排放量，造成環境污染的問題。

永光化學精心研發的 Evereco® 系列貼合膠，適用於醫療防護布，具有強韌的接著力、耐水洗能力、耐 140°C 高溫與百次高壓消毒耐久性，提供醫護人員最佳的身體防護，兼具環保與安全功能。近兩年來，研發團隊更建立皮革貼合分析及檢測系統，有效解決操作黏度、牢度與耐熱性等問題，提升皮革手感等技術改良，成功地延伸到皮革的應用。

機能媒合的綠色 PUR 高手

永光化學本著綠色企業的佈局，創意整合機能性應用領域，因應生活型態的新潮流，Evereco® 系列貼合膠不含有機溶劑，是對環境友善的環保產品。

從紡織品為起點，皮革為跳板，與機能性產業鏈裡應外合，以著各種不同功能與面貌，低調媒合不可能的任務，成功的扮演機能隱形媒合者。永光化學 Evereco® 系列貼合膠正在精采地、慢慢地改變無法設限的產業應用。永光化學致力創造價值差異化，成功翻轉產品應用生命週期，重新改寫各行各業的產業發展史！

遇健愛 永光總動員

2015永光化學健走家庭日



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活動日期:2015/10/3(六)

活動時間:0830開始報到

活動地點:新竹綠世界



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Knowledge & Growth

充電時刻

在和樂大家庭裡
發揮高度的熱情
打造堅實好團隊
再現不一樣文化

熱情 35°C，省力 30%

運用 6σ 手法精實流程

站在頒獎台上，雙手握著董事長所頒發的獎牌，看到台下的弟兄們，熱氣頓時模糊了視線……。不禁想起 6 個月前，清明才過、卻狂飆 35°C 高溫下，入料作業除了汗水，也多了一肚子苦水。阿祥的思緒慢慢飄回 4 月天的那段日子……。

省時省力大作戰

清明連假後，坐在休息室的阿祥，總是眉頭一鎖，托著下巴，望著牆上流程圖興嘆：「難道就只能認命接受汗水苦水合一的苦日子嗎？不，一定得想辦法解決啊！」原來，阿祥是本屆團結圈的圈長，日前選定「縮短入料作業工時」為改善主題，期望能精簡那些既重複、且費時費力的作業，減輕大家的體力負擔。休息室裡掛的作業流程圖，標示著每項作業耗時與人力統計，成為大夥腦力激盪發想的對象。



團結圈成員腦力激盪，一起發想工作流程省時省力的良方。

突破搬運瓶頸

「原料放至棧板、推進貨梯送到 2 樓、移送到反應釜前、進行入料、空桶移進貨梯、送到一樓、空桶載至回收場，流程太繁瑣耗時了。」在某次圈會中，阿祥點出值得簡化的流程，期望圈員提供改善方法，於是各種加速移動的方法油然而生。有人提供最短路線接駁法，也有人提出裝吊車，甚至還有人建議購買電動拖板車；但圈長阿祥清楚的記得，老師曾說過：「搬運是種浪費。」要想辦法突破搬運這個瓶頸啊！

開啟改善契機

「那就不要搬運呀！」一向沉默寡言的毅仔，一句無心話點醒了阿祥；阿祥順水推舟說，那就「直接從一樓真空抽料」。此方法就安全與成本上，並無特別優勢，但對操作簡易性、電梯依賴度與工時，則大有改善空間。經過一番嚴謹的評比，大家都覺得「直接從一樓真空抽料」的方法最可行。這時，阿祥聽到身旁的毅仔興奮大喊：「對啊！對啊！統統不要搬！」阿祥也會心一笑，最關鍵的第一步終於踏出去了。

“好想法只是一種創意，能被實現才是創新！”



廖敏敏攝

永光三廠的同仁，憑著熱情與熱血，突破搬運瓶頸，展開省力大作戰。

化創意為創新

好想法只是一種創意，能被實現才是創新。阿祥知道，接下來的配套措施與執行細節，才是成功關鍵。但隔行如隔山，光是輸送管材質與孔徑就很難拿捏，更別說管線與真空度的有效設計了。阿祥趕緊向工務與生產技術單位尋求協助，開啟了跨單位合作模式。經過3個月的努力，終於完成硬體設計與安裝，並建立各項嚴謹的「參數設計」及「管制計畫」，包含真空度與安全管制、作業管制等。攤開桌上一張張新出爐的管制表與流程圖，弟兄們的臉上露出了期待已久的成就感，阿祥也看到了結案的曙光。

修訂 SOP 落實改善

新做法試行了10批，備料入料作業的平均時間，由改善前的108分鐘（標準差為10.1），大幅降為76分鐘（標準差為1.4），不但縮短30%的工時，更棒的是還能免除耗費人力的運搬作業。彭副理得知改善成果之後，非常高興，交辦阿祥修訂「入料作業標準書」及教育訓練，以確保改善成效。

經過半年的努力，在團結圈的決賽發表會上，同心圈以此改善案獲得「優秀圈」的榮耀。站在頒獎台上，阿祥看到台下一路扶持、熱情相挺的弟兄們，頓時間熱氣模糊了視線，但他的嘴角是上揚的。🌈

知識小框框

團結圈基層改善活動：係指工作相關人共組一團（小組），本著自動自發精神，運用各種改善手法，結合群體智慧，持續地從事各種問題的改善。泛指品管圈（QCC）、全員自主改善（TKC）等團隊改善活動。

總經理室 吳添旺 >



黃世承 >



註：本文採永光三廠同心圈真實案例改編。

打造一個堅實的團隊

展現文化核心的團隊共識營

永光化學向來重視團隊合作，新人訓練主要以打造堅實的團隊、凝聚士氣為核心，以培養相互信任、協同工作的高效能團隊為目標。本次由永光化學總部所舉辦的「團隊共識營」，藉由體驗式學習，運用各種建立信任與團隊的精采活動，以及戶外的探索活動，大家心手相連，完成一個又一個不可能的任務，成為當責的生命共同體。

在體驗中學習

為使永光化學的新進同仁更加體認「信任、尊重、關懷」的核心文化，進而建立一個高效能的團隊，人資處於 2015 年 6 月 26~27 日假三峽大板根森林溫泉渡假區舉辦「團隊共識營」，藉由體驗式學習，凝聚合作士氣，提升價值認同，以達成團隊有效建立的目標。

6 月 26 日清晨，同仁們帶著愉快的心情從台北總部、甚至連夜從台中、台南辦事處來到會場，神采奕奕，精神飽滿。董事長非常重視同仁的教育訓練，親自赴會、開場致詞，從永光化學現況、與世界級企業的競合關係，談到積極參與未來化學工業發展的前景，並以日本眾議院議員野田聖子打工洗廁所的故事，勉勵大家對所做的事情抱持負責任的態度。最後，董事長以大時代、大格局、大使命，期許同仁一起為永光創造輝煌的歷史。

建立高績效團隊

所謂「一盎司的體驗，勝過一噸的理論。」本次訓練課程，特別邀請太毅國際顧問集團謝東憲講師，帶領同仁透過互助與信任，明白達成團隊合作的重要性，並於每個活動暫告段落時，安排心得分享，互相切磋砥礪。

本次參加共識營的 29 位學員，都是近 3 年到職的同仁。謝東憲老師首先以「心手相連」活動，引導大家自我介紹，增進彼此更密切的關係。經過一連串破冰暖身之後，正式進入「信



董事長親臨會場，流露出待同仁如兒女般的愛護之心。



藉由團隊合作與互相打氣，體驗「巨人梯」及「老鷹之柱」探險活動，成功挑戰體能極限。



太毅國際顧問提供

透過「協同大作戰」遊戲，小組成員在呼拉圈內移動，跳脫思考框架，學習團隊合作。

任」的主題，透過「手結」的遊戲，強化團隊合作的力量。老師請各組圍坐一圈，藉著手指的連結，一起使力站起來，相當不容易。活動過程中，大家透過信賴、合作與協調，提升了問題解決的能力。第一天下午的「協同大作戰」，更將活動帶進高潮。小組 8~10 位成員在呼拉圈有限的空間內，彼此抱緊或背在身上緩步挪移，藉此跳脫思考框架，自我突破，學習團隊合作，一起享受克服困難的喜悅。

晚上，總經理特地在百忙之中抽空前來，熱情分享他在成長過程中，如何透過家人的信任、支持與愛心關懷，勇於面對課業壓力及健康的狀況，而能夠持續進步。分享之餘，還現場示範單手伏地挺身，為他的好體能做了最佳的演繹，大家無不佩服，成為學習的好榜樣。

踏出成功的一步

第二天的「巨人梯」及「老鷹之柱」戶外探索活動，令人驚嘆連連。面對著看似不可能的任務，經由團隊合作與打氣，逐步克服恐懼感，進而成功挑戰體能極限，真是不可思議！大家從中體認到「要達到目標，若不踏出第一步，永遠不會成功！」的道理。

短短一天半的時間，藉由各個精采刺激的體驗活動，不僅建立了團隊牢不可破的凝聚力，大家更充分感受並認同永光化學「正派經營，愛心管理」的核心文化。在感性分享中，同仁們衷心感謝永光給大家安穩、友善的工作環境。

不一樣的企業文化

曾經帶過無數企業訓練的謝東憲老師，從董事長、總經理及同仁身上，深刻感受到永光化學不一樣的企業文化。他觀察董事長親自用手機拍下活動畫面，流露出對待同仁如自己兒女般疼惜與愛護的心境；總經理把同仁當成好友，真心分享學習自身成長過程中，突破困境的真實體驗，十分激勵人心；永光化學的同仁認真的態度、合作的默契，更教他留下深刻的印象。為此，他希望能將永光化學的文化內涵，透過專訪，刊登於太毅管顧公司的專刊，提供其他企業交流學習的機會。由此可見，永光化學的企業文化不僅深印在永光人心中，也感動了外部訓練單位，想要一窺堂奧。

永光化學向來以誠信、守法、公正的精神，做對的事；用信任、尊重、關懷的態度，愛每個人，如此優質企業文化，為此次活動做了最佳註解。🌈

人資處 孫景雲 >



新鮮人園地

追求更高層次的自我成長



吳承彥

單位：總經理室
學歷：雲林科技大學
化學工程與材料工程所博士
興趣：踏青、看電影、顧小孩

2015年初春，天氣就像我的好心情一樣，風和日麗，微風不疾不徐；一路往公司報到的路上，我提醒自己，放鬆心情不要緊張，就把自己會的貢獻出來吧！本來在工業技術研究院服研替及工作的我，在院內一次偶然的因緣際會下，認識了杜逸忠廠長與林佼尚經理，後來也因業務需求來到二廠、三廠，進而認識永光化學。從永光化學網站知道公司秉持「正派經營，愛心管理」的理念，後來，再經由許多媒體連結及政府單位的文章，有更具體的了解，更知道這不是口號，而是真正落實在公司的經營。尤其，「品格第一」更讓我內心激起許多感觸，因為跟我父親常告誡、提醒我的話一樣，也是吸引我到公司來的動力之一；它除了強調對自我的各項要求外，相信也是讓公司能細水長流、永續發展的重要觀念。

到業界發展一直是我追求的職涯規劃，希望可以盡量將研究單位所學的特殊專長、專業技術能貢獻於公司，包括：新技術的導入研究開發，或是產線的製程強化整合等。永光化學在研發領域每年都有相當程度的挹注，相信這是促進公司不斷向前、開創新事業領域的重要策略之一。感謝公司讓我加入這個大家庭，期許自己能融入團隊，做出貢獻，凡事盡力而為在先，不必計較於後；期望能和團隊共同創造另一高峰，永仰另一榮耀光景。●

「品格」更勝「績效」



張光欽

單位：研發中心
學歷：中原大學化學系博士
興趣：旅遊、看電影

在就讀研究所期間，即得知有許多學長姐在永光化學服務，然而當時對永光的認知，僅知是一家屬於40多年、以染料業起家的公司。2015年3月，很榮幸進入永光化學任職，這也是我從博士畢業踏入社會後的第三份工作。雖然目前僅任職數個月，但對照先前曾任職的法人機構及學術單位，這份工作可以讓我將全部心力投注於研發項目上，且未來有機會將研發成功的產品推入市場。

永光化學是少數重視「品格」，更勝於「績效」的企業，「品格教育」是由創辦人陳定川榮譽董事長於1998年1月開始全面推動，至今已持續長達18年的時間，每個月以一個品格為主題，由各單位共同研習、輪流導讀，並製作生動的品格短片，在月會中發表。同時，在各單位的推薦名單中，甄選符合當月主題的品格表率，由主管親自表揚，引發同仁見賢思齊、互相學習的精神，這樣的精神，也在我進入永光這個大家庭之後漸漸的有所體認。

榮董相信唯有品格健全的家庭與員工，才有健全的公司，因此公司對於品格相當重視，鼓勵員工把品格的概念帶回家庭，傳達給家人，使家人間的感情更緊密，形成一個良性的循環。未來希望可以在這個重視品格教育及良善的環境下，與大家共同成長，有效學習。●

培養與重視

有幸進入永光化學這個大家庭！有別以往的工作經驗，從面試開始，永光的企業文化就讓人印象深刻。「這是給大家的安全帽，請各位進入廠區一定要戴起來！還有進入場區，請一定要走斑馬線！」HR 細心提醒著我們。在永光安全第一，不安全其餘免談。HR 發下厚厚一疊試卷，一些同梯面試的人，面有難色的泛著嘀咕。筆試分為專業部分和性向測驗，厚就是厚在性向測驗，這也代表公司對「人」的重視。接下來的面試，不會讓人特別緊張，長官們的提問，比較像是在懇談，而不是考試，整個面試流程非常平和。

從到職到現在已經數個月了，很多事情還在摸索與學習，多虧長官和先進們的耐心指導與照顧，讓我可以更專心的學習，而不用害怕犯錯而被責罰。另外，公司舉辦了很多教育訓練，協助新進人員可以更快地進入工作狀況。可以感受到公司是在「培養」每一個員工，而非單純的「人力」，這是最特別的。最後，期許自己能更快的跟上大家的腳步，對永光化學這個大家庭有所貢獻！



吳克璞

單位：電化研發處
學歷：長庚大學天然藥物研究所
興趣：健身、打球、閱讀

一個和樂的大家庭

小時候，常聽同學說，他的爸爸在一家很棒的公司上班。2015 年 3 月 3 日，我果然進入了這家很棒的公司——永光化學。

當我進入永光化學後，第一個最深刻的印象就是，這裡是一個非常注重安全的公司，不管是內部作業或廠商承包，都有一系列的工作規範，不僅保護自家員工，也協助廠商不受任何意外傷害。此外，永光是一個和樂的大家庭，對毫無經驗的新人來說，各位先進前輩們，都盡心盡力的輔導我適應環境，並讓我了解自己的職責，幫助我以最快速度融入工作。當我有疑問提出時，前輩們更是傾囊相授，慷慨付出。

另外，永光化學對於員工的品格極為強調，詳盡排序出七大類 49 項品格。定期宣導、研讀品格手冊，並表揚員工與優良品格相關的工作表現，讓每位員工能夠明瞭品格特質與在工作上的實際應用。並依個人特質，妥善將每位員工放在最適宜的位置，讓其發揮所長。永光更將品格教育帶入於社會。例如：每年寒暑假舉辦的「品格營」，代表著公司對於品格教育的重視，從小培養孩子們優良品格的觀念，期許他們能夠有更不一樣的美好未來，藉此善盡企業的社會責任。

來到永光化學，我看到一個善良的企業，取之於社會，用於社會並回饋於社會。來到永光，真的很棒！



羅輕

單位：二廠
學歷：淡江大學中文系
興趣：烹飪、閱讀

永光季刊徵文

交流分享 · 一起成長



一、徵文內容

永光快訊

公司重大發展方向、重要活動、參展、成果(認證、專利、獲獎等)。800字以內。

大家談

公司推動各項政策或活動的體會與回應。如：參與家庭日、綠金願景的迴響。1,000字以內。

管理與教育

各項流程改善、管理新知、教育訓練重點內容及心得。如：品格教育的影響。1,000字以內。

我們的園地

不論是新鮮人或是資深同仁，分享在永光工作的體會與心聲。500字以內。

鮮活什錦

- 日常生活、休閒旅遊、人生體驗等。
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二、徵文對象

永光集團全體員工(含外籍員工)及眷屬。

三、徵稿期限

每年1、4、7、10月15日前截稿。

四、稿件請投遞

總經理室 曾玉明 (yuming@ecic.com.tw)

歡迎踴躍投稿！





Life & Others

鮮活什錦

世界屋脊的西藏
與海爭地的荷蘭
身處上帝的部落
奇妙遍滿宇宙中



陳王敏攝



許維聰攝



李興發攝

這些年， 我的荷蘭生活！

來到荷蘭生活，今年已邁入第13年頭了，我從學生身份走入婚姻家庭生活，我老公是我的大學同學，他是土生土長的荷蘭人。

熱愛自然趴趴 GO

荷蘭人旅遊方式，大部份都會以自由行為主，例如：露營或是開大型的露營車（Camper），或是拖拉式露營車，亦即開自用車，後面加上露營拖車（Caravan），這一型的可以把腳踏車架在上面。在歐洲，尤其是西歐的國家，露營區的設施都做得很完善，有些大型的有小木屋、游泳池、兒童遊戲區……等，露營的費用也比住飯店的費用便宜許多，我的老公出身於大家族，一家8口都習慣開著自己的 caravan，在歐洲各地度假，一來停車方便，可以省下住宿的費用，二來戶外烹飪樂趣無窮，並且享受歐洲各地美麗的景色。

牛鈴聲伴我入眠

畢業之後，我們規劃了一個約兩個星期的假期，目的地為德國萊茵河大道和南德天鵝堡之旅；由於旅遊預算有限，再加上歐洲露營區公共設施非常完善，於是我們倆就以開車、露營的方式，完成自助旅行。記得有兩個晚上，我們在南德黑森林山上露營，南德山上有很多牛，整晚牛鈴響個不停，牛鈴聲伴隨入眠。因為南德巴伐利亞區的森林很大，農夫為了怕牛隻走失，在每頭牛身上都掛上很大的牛鈴。但是荷蘭的牛隻，是沒有掛牛鈴的，因為荷蘭大部份是平地，而且都是在自己的園中吃草，晚上都是由農人家的狗趕牛群入室內休息的。



本文作者陳玉敏（左）溫馨全家福。



荷蘭人崇尚樸實生活，休閒活動及房屋修繕是他們的普世價值。



露營拖車可當度假小屋，深受歐美家庭喜歡，圖為作者（左一）與家人共享休閒時光。



鄰近阿姆斯特丹的中古世紀小鎮哈倫 (Haarlem)，是荷蘭著名的「花之城」，以鬱金香花日聞名。圖中老市政廳等哥德式建築環繞的 Grote Market 廣場，被譽為荷蘭最美的廣場之一。

與狐狸共舞初體驗

還記得某晚露營區大約 8 點半天黑後，我們就待在自己的帳棚中休息及梳洗，當天晚上，我們在帳篷裡面，剛開始看到外面有個大影子，月光下，看似狗影；後來我們才知道，原來是隻狐狸啊！這隻狐狸一直往我們的帳篷裡鑽，我和老公在帳篷中嚇個半死，老公還叫很大聲，希望嚇走這隻大狐狸，沒想到狐狸還是賴著不走，還好狐狸因為找不到食物就走了。第二天晚上，這隻狐狸又來報到，又來我們的篷子。還好我們早在篷外準備好一袋垃圾，讓這隻狐狸覓食之用，沒多久，狐狸吃飽後就走了。有狐狸先生來插花的露營經驗，這真是很難得的體驗。

不一樣的生活哲學

荷蘭人的生活非常樸實，名牌、美食不是非常重要的，但休閒活動及房屋修繕卻是他們的生活重心，有個舒服的居家環境及悠閒旅遊，是荷蘭人的普世價值。老公的阿姨家有個農場，飼養馬及羊，他們非常好客，歡迎朋友參觀他們的農場。2014 年，我很榮幸地帶總經理一家人前往參觀，並體驗真實的騎馬經驗。從架上馬鞍及幫馬置裝，需要花上半小時。阿姨家的馬訓練有素，完全不怕陌生人，讓台灣的這群貴賓輕鬆自在地享受駕御的樂趣。

荷蘭是個很適合居住的地方，夏天氣候好，可以看見各式各樣著名的花卉。居民是友善的，大部份的荷蘭人，都會非常熱情地向觀光客說英文。荷蘭政府有完善的各項公共設施，例如：腳踏車道。荷蘭的福利制度和生活環境，一向是令人稱羨的。很高興，我能在這個國度裡，學習過著不一樣的生活哲學。🌈

荷蘭永光 陳玉敏 >



札西德勒 地球第三極

這是連續第4年的公司自組團自由行了，我們有一組「地表最強」的組合，成員全是萬中選一，經過「黑箱作業」挑選，一起出遊的原因就只是因為人對了！從2012年的越南行開始、歷經長灘島、清邁到西藏，人數也從創始會員的7人、12人，到這次碩果僅存4人，說是尼泊爾大地震震掉了許多人的膽子，但我比較相信是因為高山症的種種傳聞或實證，讓許多人卻步了。



2015年科學小飛俠五缺一之西藏行。



雅魯藏布江靜靜地流淌在青藏高原的山谷中。



轉轉轉，孩子！阿婆希望能幫你轉出個未來！

西藏，展現神祕的魅力

做為與南極、北極並列的「地球第三極」——西藏，位於中國的西南部，獨特的高原雪域風光、嫵媚的南國風采，還有與大自然相融合的人文景觀，使西藏在旅行者眼中具有了神祕的魅力。至今，還有許多藏族人的生活習俗與高原之外的現代人有著很大的距離，也正由於距離的產生，才使西藏的一切具有了觀賞價值。也因此西藏成為一直以來我夢想的旅遊地之一，這個離天堂最近的地方，讓人擁有無限的遐想。那裡有雪山聖湖、冰川草原、犛牛蒼鷹，那裡有飄動的經幡，轉動的經筒，五體投地的叩拜，那裡有古銅色的藏民、神祕的壁畫、雄偉的布達拉宮……，選擇西藏，一開始就只為了布達拉宮和珠穆朗瑪峰，但因為尼泊爾大地震，往珠穆朗瑪峰的路封閉，和珠峰的近距離接觸成殘念。

出發前依循慣例，各司其職，哈利經由背包客網站找到「西藏足跡」——當地的旅行社，網路上介紹和他們連絡的親切人員是梅西，很幸運的是和我們接洽的也剛好是梅西，我們開玩笑的說，或許對外連絡用的這台電腦取名為梅西吧！當地的行程決定外包後，和梅西確定好辦藏證所需的證件及旅遊日期後，開始計畫我們前往西藏的路線。網路上有各種方式前往西藏，最有名的當然是搭青康藏鐵路，沿途風光雖美但費用太高且耗時，將壓縮我們停留西藏的時間，所以我們決定先飛某個定點後再轉拉薩，而以我們有效率及貪小便宜的玩法，當然是在這定點也玩他一天。首先脫穎而出的是西安，因為兵馬俑在呼喚我們，不過最後兵馬俑還輸給了「孫中山」，我們決定改找福州伯、吃福州魚丸去了！

外人入藏不易，藏人出藏難

去了一趟西藏，發現這個地方之所以神祕，係因：

外人入藏不易：如果要進入西藏旅遊，不管您是從那裡進入，或搭什麼交通工具前往，都必須要申請入藏通行證，除非是大陸人士，否則



布達拉宮依山而建，氣勢磅礴，展現鮮明的藏族風格，是珍貴的世界文化遺產。

沒有申請入藏許可函，是無法進入西藏的，也是違法的。一般來說，接受辦理入藏通行證的地點，也就是有航班前往西藏的城市，對我們而言委託旅行社代辦是最方便且確定可行的，因為入藏證是有期間限制，需完全配合旅程時間。另藏證申請有人數的限制，個人不得申請簽證，必須以團體才可以申請，團體簽證人數不得少於3人，低於3人，就無法辦理團體簽證，並需配合當地旅遊車及導遊，遊玩路線也需填單時決定，未申請的地點是無法進入的，有些地區更需申請邊防證，因各點皆有公安隨時查證，且導遊亦需影印數份藏證至各點報備並留存。(貼心小提醒：藏證於旅客出藏後，需由旅行社交回原發證處銷案，記得要拍照存留喔！)

藏人出藏困難：藏人是「受保護的國寶級動物」，要看世界的希望只能是一個遙遠的夢想。他們領不到護照，就算在大陸境內可自由移動，亦有居住地點的限制。即使是娶(嫁)外國人，只要您是藏人的身份將無法出國。

令人悸動與震撼的景象

就是因為西藏如此的神秘，即使知道有可能發生頭痛、胸悶、厭食、嘔吐、缺氧等高山症現象，仍毅然決然，滿懷期待及興奮的心情出發。湛藍的天、白白的雲，還有只在課本上看過的景象，那種內心的悸動和震撼，在我寫完本文後，發現我人都還沒到西藏呢！不過為了不賣關子，先附上同行夥伴林宗達精心製作的照片剪輯影片，讓大家先睹為快。🌈



被譽為世界上最美麗的水——羊卓雍錯及牦牛。



更多精采的剪輯影片，請上網欣賞。(營業處林宗達製作)

註：札西德勒是藏族人表示歡迎，祝福的話，「吉祥如意」之意。



上帝的部落

司馬庫斯

2015年開春，我們就迫不及待想要造訪這個神秘的部落——司馬庫斯。1月3日一早7點半我們就從彰化出發，準備前往新竹尖石鄉，但千萬別以為可以這麼輕易地造訪，抵達尖石鄉後，還必須再往深山處開66公里的迂迴山路，才能與司馬庫斯相見。

第1站 逛內灣老街

抵達新竹尖石鄉之前，會先路過內灣，所以我們約10點在內灣稍做休息，逛逛老街，也舒展一下筋骨，稍後前往司馬庫斯的山路，也至少要兩小時車程啊！內灣老街一如往常，滿滿遊客，滿滿美食，我們一路上都當個盡責的觀光客，不停地買跟吃，吃飽喝足，我們開車前往尖石加滿油後，繼續前進。

第2站 以娜的店午餐

這間小店是友人推薦的，是一家看似再也普通不過的簡餐店了，但東西卻精緻美味，可媲美大台北區的小餐廳了，因這家餐廳頗受我們15人一致好評，所以回程決定再訪。



於巨木林登山步道入口，以天然木材搭建，有著樸實的美感。



當地的族人幫忙廚房做 BAR-B-Q 料理。



部落內的小教堂夜景照。

第 3 站 抵達上帝的部落——司馬庫斯

下午 4 點多，終於抵達司馬庫斯，山上的空氣特別清新，但也特別的冷啊！若要來訪的朋友們，保暖衣物一定要帶齊全，這樣才可以在寧靜的夜晚裡走動走動，欣賞部落的美。最重要的，可別錯過了每周六晚上的教會活動喔！沒有太多光害的夜晚，格外顯得這閃閃發亮的教堂特別美麗溫暖，走進教堂內，十字架旁掛滿了稻穗，讓我們深深地體會到司馬庫斯居民對上帝的感恩。晚會一開始，是詩歌的帶動唱，不但暖和了我們的手腳，也暖了我們的心，接下來是介紹司馬庫斯部落，這部落的居民們是採「共有共生」的制度，所以他們依專長分工，以照料部落的每一個居民；坦白說很佩服他們願意分享、付出與無私的精神，他們的想法很單純很簡單，就是好好地傳承這部落的精神與照顧好每一個部落的人，這也讓身處在五光十色都市的我們，多了另一份的體會與感動。整個晚會讓我最印象深刻的是牧師娘所唱的詩歌——幸福的味道，宏亮的歌聲環繞著整個小教堂，也在歌聲的牽引下緩緩地帶出心中那份暖暖的感動。結束教會活動後，我們夜遊司馬庫斯，並在這無光害的部落裡，細數天上的繁星，享受這美好的夜晚。1 月的天氣雖說寒冷，但司馬庫斯的熱水供應卻很充足，可讓我們洗個舒適的熱水澡，速速進入夢鄉，迎接明日一早的巨木步道之旅。

第 4 站 來回 11 公里的巨木步道之旅

一早 6 點，我們就在餐廳用早飯，清晨的空氣特別的冰冷，但也別因為這樣還帶著厚重的外套登山喔！因為來回 11 公里的巨木步道可會讓你汗流浹背的，所以我們還是簡單做個暖身操，輕裝便服，背上簡易乾糧和水，出發去！司馬庫斯的居民們很貼心的在登山口處，放了許多木棍，可讓登山的旅客們當做輔助的拐杖，快樂地漫步在森林裡。在這登山之路，一路走來可以細細看到竹林、溪水和巨木，往下俯瞰還可以看到翠綠的山底，原來登高才可以看到自己有多渺小，尤其是站在大大的巨木群下，自己就像隻小螞蟻依偎著它們；遠離了城市的喧囂，投身於這片林木間，感覺好輕鬆，所有的煩惱也在一瞬間，在登山的旅途中，一點一點地被忘卻，所有的壓力也一步一步地被釋放掉。有機會，我還是會再訪這裡的。

第 5 站 說再見

司馬庫斯的上山與下山是有時間限制的，因為最後的 16 公里，不好會車，所以來訪的旅客，記得要看好時間或是來電和司馬庫斯的旅客服務處確認，才不會與這美麗的部落擦肩而過喔！

希望有興趣的各位同事，有機會可以一訪上帝的部落——司馬庫斯。

電化研發處 李興傑



繽紛燦爛的園地

樸實與極豔，機能與時尚

43年前，永光化學以染料起家，創立之初，筆路藍縷，從讓業界驚豔帶有黃光的紅色染料，高級布料首選帶著綠光的黑色染料……，每一支染料，都是心血的結晶，背後都有一段動人的故事。此後，在同仁們發揮團隊精神、鍥而不捨精心研發下，一支支染料接續開發成功，逐步奠定穩固的基礎，而能在世界舞台上脫穎而出，大放異彩。

我們始終相信，運用對的化學品，可以讓生活更美好。數十年來，永光化學基於環保的理念，帶給人們健康、舒適、時尚與品味的用心，不論是來自然樸實的大地色彩、光彩奪目彩的極豔色系、讓數位印花夢想成真的染料墨水，或是隱身在機能性服飾的貼合膠，永光不斷因應潮流創新研發，展現織品色彩的極致，改變機能性服飾的面貌，讓環境與產業生態都「亮」了起來，更加生色，更具競爭力。

2015年11月中旬，永光化學將在義大利米蘭舉辦的「2015 ITMA 國際紡織展」中亮麗登場，具體呈現永光的染料樸實與極豔的衝突與調和，以及機能性服飾的精采改變。從「Colors that Change Landscapes」，到中文的「生態亮了，因我顏色！」感謝李增鴻顧問用生動的文案，以現代時尚和豐富雨林強烈對比的主視覺，為永光化學多年來努力的成果做了完整的詮釋。同時，感謝樺霖公司給予設計上的協助，和盤托出絢麗多彩的視覺饗宴。

熱情與活力，耕耘與綻放

今年夏天，永光化學的同仁們不畏熱浪，以高度的熱情展開各項團隊活動，包括：運用六標準手法精實流程的工廠團結圈、以信任為軸心的團隊共識營、培養「天財好管家」的兒童品格營，以及綠色企業的環境會計精進與提升計畫等，充分展現永光「信任、尊重、關懷」的文化特質，大家在互助合作之中，形成共識、凝聚向心力，朝著共同的目標，全力以赴。

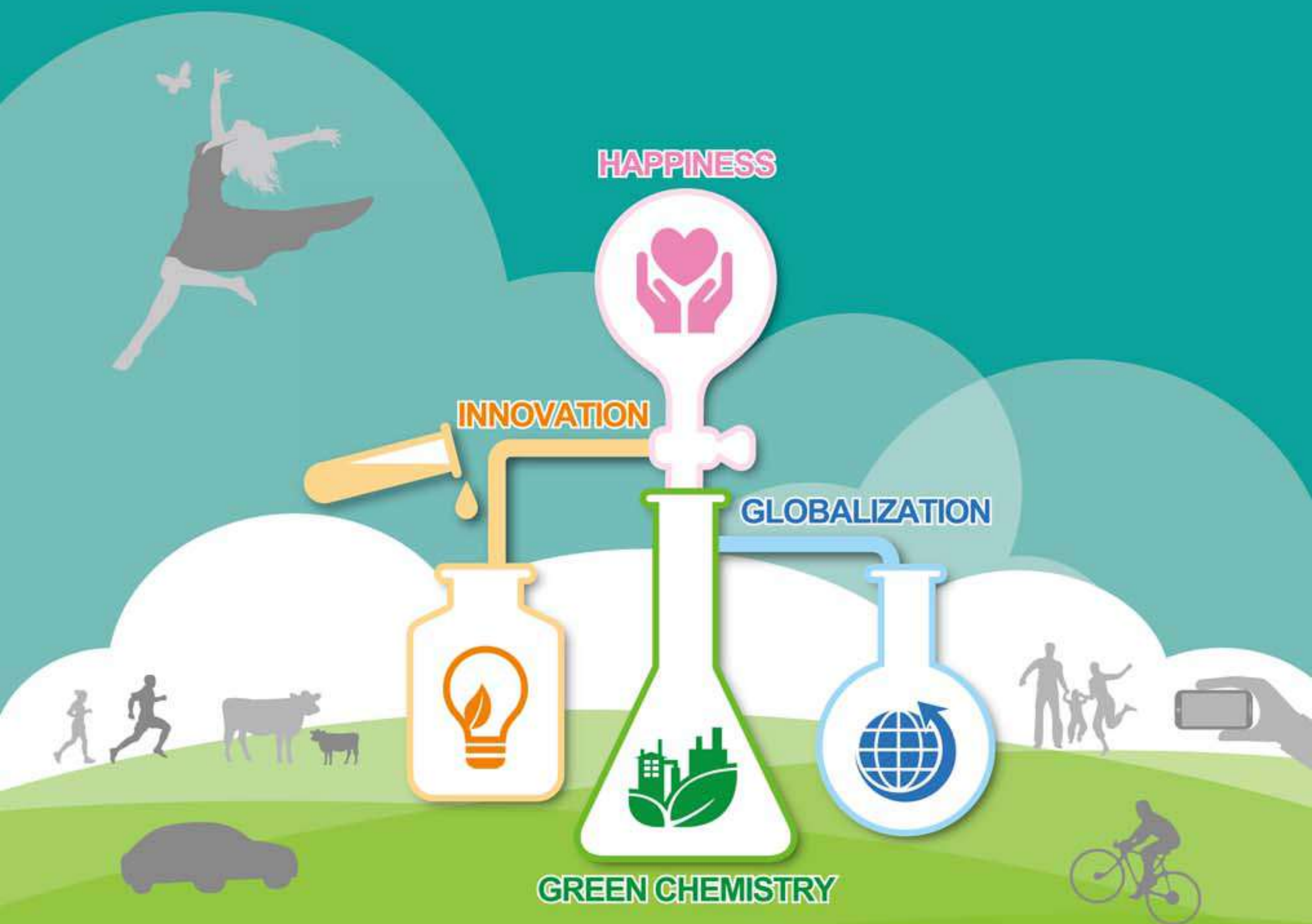
永光化學在世界級的競賽中，追求進步永無止境。誠如董事長所期許的，我們不以小確幸為滿足，面對這個大時代，要以大格局，承接大使命，進而創造歷史，改變歷史。願我們一起在永光的大花園裡，撒下希望的種子，努力耕耘，讓繽紛燦爛的花朵盡情綻放。🌈

總編輯

曾玉明

Everlight Chemical Vision 2020

Tripling GHG Eco-efficiency of 2005



To be a sustainable and innovative global company,
providing green-chemistry solutions for better life

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Great Era, Grand Scale, Glorious Mission

Chairman James Chen on Participating in World-Class Competition

Collaboration and Competition with World-Class Businesses

Everlight Chemical has continually recruited new talent in every stage of its development. Therefore, the company today is a world-class team with a diverse range of competent professionals. In the face of an ever-changing industry, fierce global competition, and unpredictable future, how should we meet challenges?

Everlight Chemical is by no means a large-scale international corporation. Most of our business partners, clients, and competitors are 10, 20, or even 100 times our size. As employees of Everlight Chemical, we have to understand that we should carry out our duties, improve ourselves, pursue progress, and try to achieve excellent results amid world-class competition.

Center of Technological Innovation

The government's "Two Trillion, Twin Stars" project fully supports semiconductor, LCD, biotechnology, and other high-tech industries. In fact, the acceleration of high-tech progress depends on chemical materials. For instance, Everlight Chemical's slurry plays an integral role in the manufacturing process of new Apple iPhones, and our photoresist is indispensable for the manufacturing of LCDs. In the nine industries covered by the Specialty Chemical Industry Yearbook published by the Ministry of Economic Affairs, Everlight Chemical is involved with seven: active pharmaceutical ingredients, plastic additives, dyes and pigments, coatings, surfactants, adhesives, and electronic chemicals. We are honored to participate in the development of technology. The chemical industry will continue playing a decisive role in technological development, as there will always be new demands and opportunities.

Successful Upgrade to Tackle High-Technology

Everlight Chemical has its origin in the traditional chemical industry. On the strength of our ever-improving dyeing technology, we became a

top Taiwanese company and a major player on the world stage. Everlight Chemical dyes provide the best solutions for the dyeing and finishing industry, giving consumers fashionable, safe and comfortable clothing choices. Everlight Chemical develops dyes and inks for different fabrics and print-heads to make the dream of digital printing a reality. Everlight Chemical Polyurethane Reactive (PUR) adhesives are safe for human health and the environment, bringing functional clothing into a new era and making the textile industry more competitive.

At the end of the 20th century, to achieve the goal of sustainable development, Everlight Chemical made forays into high-tech fields such as specialty chemicals, pharmaceuticals, electronic chemicals, nanomaterials, and toners, while continuing the development of our dye business. In the last 20 years, we worked closely as a team, overcoming difficulties with faith, succeeding in upgrading and transforming the company, and increasing our profit every year. I hope you will keep working diligently based on the foundation built by previous generations.

Chemical Factories of the Future

In the fierce competition of the global environment, we have more opportunities to take up challenges than previous generations. Chemical factories are expected to develop in the following directions in the future:

1. Industry 4.0: From Industry 1.0, 2.0, 3.0, to the network-powered Industry 4.0, the industry, with its internet, robots, and business automation, is developing at lightning speed.
2. Microreactor Technology (MRT): Microreactor technology is set to revolutionize the industry. A laboratory will be capable of matching the output of an entire manufacturing plant and provide the advantages of high effectiveness, low waste, and precision of output volume.
3. Green Factory: Everlight Chemical adopts green technology to streamline manufacturing processes. In 2014, Everlight Chemical Plant 2 passed the Industrial Development Bureau's Clean

Production Factory Assessment and moved one step closer toward its goal of becoming a green factory.

As a chemical manufacturer, we should think about how to respond to trends, improve our competitive edge, and create a brighter future. Everlight Chemical devotes experts, professional teams, and resources to research and development in the hope of staying ahead of opportunities.

Business Models of Tomorrow

The new business model of Alibaba Group's Taobao Marketplace makes it difficult for intermediate traders to survive while creating a win-win situation for manufacturers and consumers. In Mainland China, online shopping is a part of everyday life. The prevalence of mobile devices and mobile internet access has silently changed people's lives. We have to keep an eye on how the following trends affect traditional B2B business models.

1. The Mobile Mind Shift: nowadays, people use mobile devices for everything. This has led to a change in people's thinking. Any time when a consumer is on the mobile internet, there is an important opportunity for businesses to access their needs and provide instant service.
2. O2O (Online to Offline) Commerce: the combination of bricks-and-mortar stores and e-commerce enables online transaction and offline service. Bricks-and-mortar stores have increased opportunities for promotion and consumers enjoy convenient, well-informed shopping experiences. This strategy brings about new business opportunities.
3. Internet+: cloud computing, big data and other technologies and platforms promote cooperation between the internet and certain industries, changing business models, improving efficiency, and increasing effectiveness. A new economic era is here.

Considering Alibaba Group's metamorphosis from a traditional business into its current internet incarnation, Everlight Chemical is drawing up new strategies for a global market that has been transformed by e-commerce. It is actively utilizing its resources and competing among world-class rivals.

The Inspiring Story of Seiko Noda

When she was in college, Seiko Noda, a member of Japan's House of Representatives, once took a summer job as a restroom cleaner in the Imperial Hotel in Tokyo. When she cleaned toilets for the first time, she felt disgusted. After a few days on the job, she decided to quit. Just before she was going to talk to her boss, she saw one of her senior coworkers humming songs as he cleaned the toilets. When he was finished, he ladled up some water into

a cup and gulped it down, saying, "I made the toilets so clean that you can drink the water from them." His pride and pleasure in his job and his devotion to work moved Noda deeply, and she decided to emulate him and apply herself to her cleaning duties.

At the end of the two-month internship, the supervisors came to inspect the results of her work. To the shock of everyone present, Noda ladled up some water from the toilet she had just cleaned and drank it. The manager immediately promised her a position when she finished college. She later became the most outstanding and quickly promoted employee at the Imperial Hotel. At 37, she changed her career path. Today, she has served eight terms as a member of Japan's House of Representatives. She has also been appointed Minister of Post and Telecommunications and Minister of State for Special Missions. Noda is devoted to her professional duties and makes her best effort at everything. Her story is very inspirational.

We Are Not Satisfied with Minor Achievements


Whatever we set out to do, Everlight Chemical always does in order to achieve world-class status. We are not satisfied with minor achievements. We are fortunate enough to be living in a great era. We should maximize our scale, take up the greatest mission, and try to change and create history. Committed to "better chemistry, better life," we believe that the right chemicals can make our lives better and more beautiful. We hope our efforts will change the world and bring about happiness. Let's work and learn together. 



Photo by Jacky Huang

Money Wisdom is Better Than a Deep Pocket



2015 Children's Banking Camp

Date: July 1 ~ 4, 2015

Location: Everlight Chemical Plant 1

"Money-Smart Children's Banking Camp," the 2015 Everlight Chemical Character Camp, provided a series of fun activities to help children develop keen judgment about money, understand the difference between what they want and what they need, and spend their allowances wisely. Through the program, the children learned the basic principles of money management.



Photo by Min-Min Liao

Character education begins at home. The Money-Smart Children's Banking Camp allows children and their parents experience to share love and joy.

The program of the four-day camp:

1. Smart Money Management: Spending Plans

Children learned about the currencies of different countries and where money comes from. They were given "Genius Coins" and learned to become "Financial Geniuses." The course made the children understand that they should have savings, reduce their spending, and donate to charity.

2. Smart Spending: Want vs. Need

Children learned to spend their allowance wisely, differentiate between wants and needs, and become intelligent consumers. They also learned to tell healthy food from junk food and came to understand that wealth lies in good health.

3. No Free Lunch: Learning to Run a Business

Children simulated being shop owners. The course helped children develop integrity, learn to interact with people, and experience DIY. They learned that all jobs are sacred and that they should make contributions to society.

4. Real Wealth: Creating a Golden Business

Children experience what it is like to work and make money. They learned that being able to work and to give is true wealth. Running a business requires capabilities, capital, and character. Children realized the importance of personal interaction, diligence, and devotion to one's job. 🌱

About Genius Coins

Every day during the camp, children were given "Genius Coins," a virtual currency made specially for the children's banking camp. The activities helped children develop intelligence about money and understand the real value of life.



Ya-Wen Yang, Plant 3

Environmental Accounting Refinement Project

Date: July 24, 2015

Location: Everlight Chemical Head Office

The Financial Supervisory Commission plans to include accounting in CSR report verification, which will be based on the ISAE 3000 assurance standard. In response, Everlight Chemical has launched the Environmental Accounting Improvement and Refinement Project led by Mr. Chih-Kuan Huang, Head of Safety & Health Division. According to Mr. Huang, Environmental performance indicators will be established according to the GRI G4 standard and the energy and resource use records from various manufacturing plants and business units will be digitized and placed online to help the Everlight Chemical Group keep track of its environmental input and output and make sure the corporation makes progress every year toward its green enterprise goals.

Mr. Huang stressed that the drafting and implementation of the environmental accounting project is the foundation of the organization's future and the key to management guidelines and decisions. With the increasing importance of environmental protection and environmental regulations in the international community and rising environmental awareness among the general public, environmental activities are now an integral part of a business's pursuit of sustainable development. The establishment of an environmental accounting system provides a means of communication to help the business reveal its environmental activities.

In 1998, Everlight Chemical became the first Taiwanese business to set up the environmental cost accounting system. It has CSR dynamic capability with flexible organizational structure, provides staff training in environmental issues and technology, invests in high-performance equipment, and maintains Taiwan's first ever environmental accounting system. After many years of improvement and hard work, the corporation has achieved considerable results.

To better combine environmental accounting and the environmental aspect of the CSR, Everlight Chemical consulted with Environmental Management Accounting Network's Professor Hwa-Rong Shen. In July 2015, the company began an environmental accounting system improvement program to make the existing environmental accounting system able to support CSR data collection and analysis. The fine-tuning progress is expected to be completed by the end of October. 🌱



Photo by Pei-Yin Wu

The three-month Environmental Accounting Improvement and Refinement Project is led by General Manager Wei-Wang Chen and senior executives, with Professor Hwa-Rong Shen (second from left, front) as a consultant.

Wei-Yu Chen, Plant 2 >



Everlight Chemical Becomes bluesign® System Partner

4/8

Location: TWTC Nangang Hall

Everlight Chemical always places the highest value on environmental protection, safe production, and product safety, to ensure that products for use in textiles and footwear are in line with global standards and consumer product safety regulations. On April 8 2015, Everlight Chemical became a "bluesign® system partner" via a factory audit with 5 assessment principles and implementations.

At the Chemical Supplier Event jointly organized by bluesign, Adidas, Nike, and Puma on May 22, General Manager Chen Wei-Wang shared Everlight's chemical management strategies. Through technical improvement and continual progress, the company is moving toward the goal of Zero Discharge of Hazardous Chemicals.

(Amy Huang, Product Stewardship)



Photo by Adi Lin

Top 20% in the Corporate Governance Assessment

4/30

Location: Taiwan Stock Exchange

The Taiwan Stock Exchange recently published its first Corporate Governance Assessment. The top 20 percent of companies included 160 TWSE-listed companies, such as TSMC, Chunghwa Telecom, and Hon Hai Precision Industry Co., and 119 GTSM-listed companies, among them Everlight Chemical. The Taiwan Stock Exchange conducted its first Corporate Governance Assessment last year. TWSE/GTSM-Listed companies made remarkable progress in various areas of corporate governance. Taking TWSE-listed companies as an example, GSM annual reports were uploaded 14 days in advance on average, an improvement over the 10 days in previous years. Moreover, the number of companies compiling corporate social responsibility reports increased by 55 percent.

(Homepage of Everlight Chemical)



Techtextil Textile Trade

5/4~7

Location: Frankfurt, Germany

Techtextil is a major international trade show dedicated to technical textiles and nonwovens. With up to US\$10 million in business opportunities, Techtextil showcases industrial and functional textiles and related technologies. The global textile market is changing rapidly. New products are launched all the time. One of the hottest trends today is intelligent fabrics. Increasingly sophisticated detection equipment and measuring systems are transforming high-tech textiles into art. The Taiwan Textile Federation organized a delegation for the exhibition. Everlight Chemical was the only Taiwanese company offering PUR adhesives. (Wei-Yu Chen, Plant 2)



Photo by Tim Wang

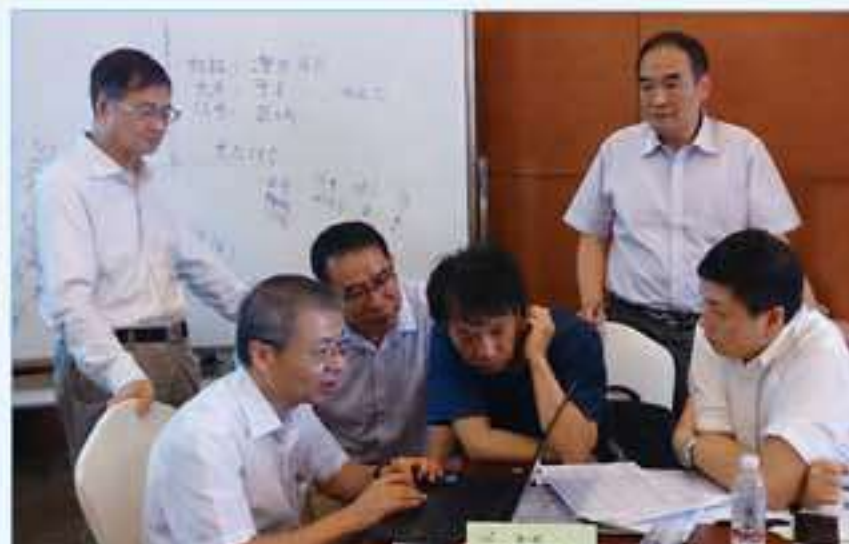
Focus on Mainland Chinese Market

Location: Guangzhou and Shanghai

Continuing to strengthen its presence in the Mainland Chinese market, Everlight Chemical Group held a series of training and vision planning events in Guangzhou and Shanghai from early June to early July. During the events, Everlight Chemical Group clarified the visions and positions of its various Chinese affiliates and introduced marketing strategies of the head office. A five-year development plan was revealed, covering policies and regulations, overall market analysis, product combination, and competition strategies regarding key industries, such as digital printing, leather, textiles, ink, metals, and specialty chemicals. It is hoped that the strategic thinking and strong organization will boost Everlight Chemical's development of the Mainland Chinese market.

(Shih-Chen Huang, Office of General Manager)

6/1~2 & 6/29~7/2



Everlight Chemical at CPhI China 2015

Location: Shanghai New International Expo Center

CPhI China 2015 is the most important active pharmaceutical ingredients (API) trade show in Asia. Now in its 15th year, the event featured more than 2,800 exhibitors and attracted over 50,000 visitors. At the show, Everlight Chemical pharmaceuticals business unit showcased its high-quality GMP-labeled API products. The company's professionalism and innovativeness deeply impressed the buyers. The international trading platform allowed participants to access the latest market trends and government regulations while obtaining the opportunity for partnerships with international manufacturers. (Louis Huang, Pharmaceutical Sales Division)

6/24~26



Corporate Social Responsibility Annual Report 2014

Location: Everlight Chemical Group Headquarters

To fully demonstrate its achievements in the area of corporate social responsibility and communication with stakeholders, Everlight Chemical started composing its Corporate Social Responsibility Annual Report in accordance with the Global Reporting Initiative Guideline's (GRI) Sustainability Reporting Guidelines in 2012. In 2014, to keep abreast of international trends, the company adopted the latest framework, GRI G4, which allows convenient reference and greater specificity. Everlight Chemical also adopted other international standards and agreements to keep stakeholders apprised of its strategies and activities regarding economics, the environment, and society, and to express its commitment to sustainable management and development. (Han-Wei Tseng, Office of General Manager)

6/30

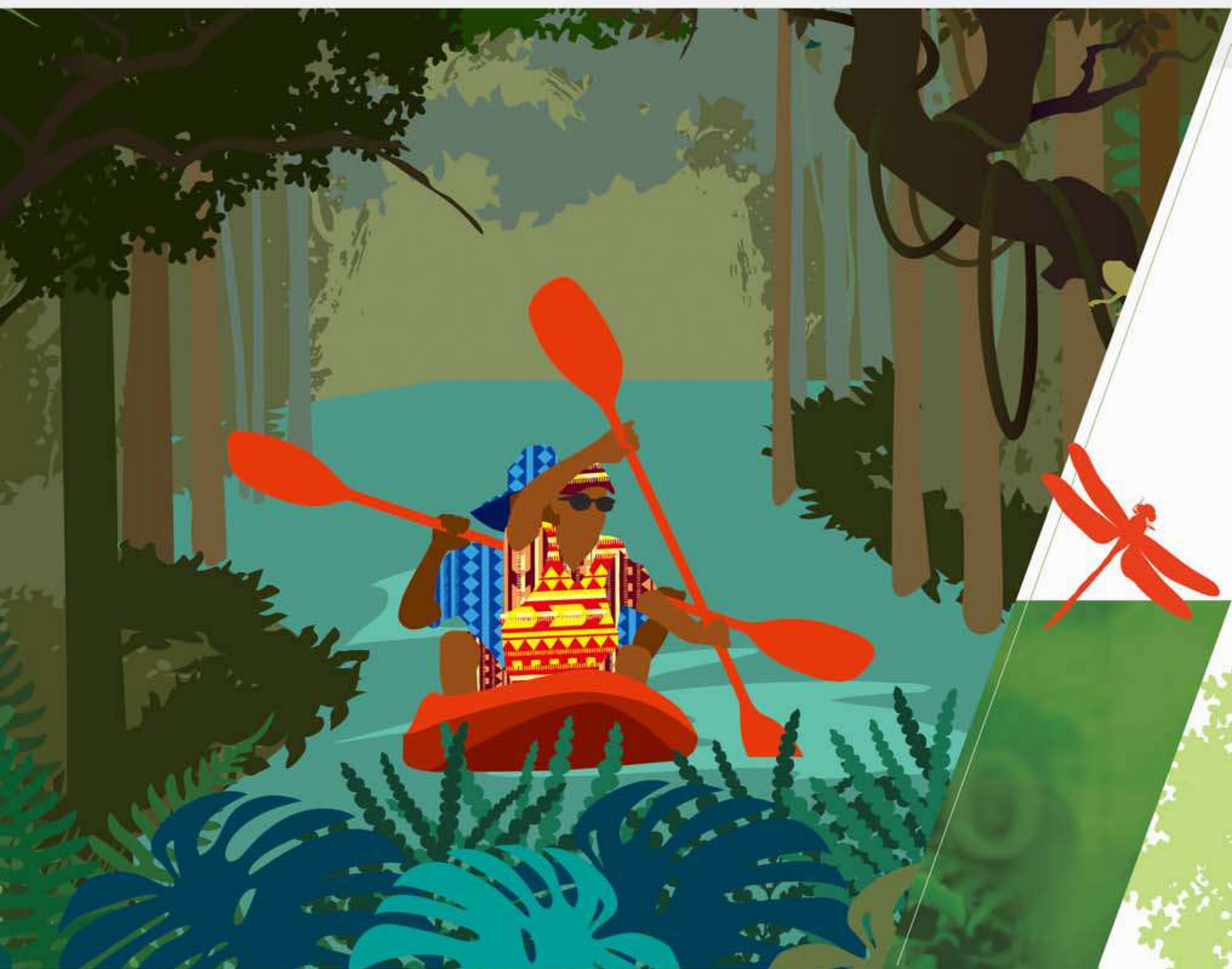




A vibrant tropical rainforest scene. In the upper right, a toucan with a large, colorful beak (yellow, orange, and black) is perched on a dark tree branch. The background is a dense canopy of green trees with sunlight filtering through. In the foreground, there are lush green plants, including large, fan-shaped leaves and several bright pink flowers with yellow centers. The overall atmosphere is bright and colorful.

COLORS THAT CHANGE LANDSCAPES

From nature-inspired earth tones to brilliant hues, we fill every part of the color spectrum. The rich array of colors evokes the rainforest and the energy of life.



Ultimate Textile Coloring and the New Face of Functional Clothing



> Yu-Ming Tseng, Office of General Manager

When people dream of an integration of nature and fashion, personal style and multi-functionality, the ever-innovative

Everlight Chemical makes their dreams come true, creating the ultimate color performance and functionality for textiles and changing people's lives and tastes.

Harmony and Contrast: Earth Tones and Brilliant Colors

The Earth is full of a great variety of warm and rich colors. Khaki, gray, olive green.... These colors are associated with the Earth and nature, and are therefore popular in the fashion world every season. Textiles of these colors represent nature and environmental protection, while conveying elegance and dignity. Reproducing earth tones faithfully on fabrics has always been a goal of dyeing technology. Everlight Chemical's color chemical R&D team created breakthrough technology, satisfying the industry's demand for dyes with the characteristics of color evenness, low fading, high chlorine resistance, environment-friendliness, and zero toxicity. These dyes are the new industry benchmarks.

An azure sky, spectacular sunset, fiery maple leaves in mid-autumn.... These lush colors are captivating. Since ancient times, people have tried to extract brilliant colors from nature. In the mid-19th century, British organic chemist William Henry Perkin invented mauveine dye. The ingenious invention heralded the synthesis of brilliant colors. In addition to offering earth-tone dyes, Everlight Chemical accomplished the challenging mission of creating a range of brilliant color dyes, satisfying consumers' needs for vibrantly colored cotton fabrics and allowing people to enjoy fashion, comfort, and safety at the same time.

From modest earth tones to dazzlingly brilliant colors, Everlight Chemical dyes come in a wide spectrum of colors. They range from the primitive to the modern, the classical to the avant-garde, the homely to the luxurious, and all the rich colors of the rainforest.

Brilliant Transformation of Functional Clothing

Designs and colors are the soul of textiles. In an

era that values creativity, textile printing technology is the key to the success of personal style, home environment, and outdoor advertisements. The traditional textile printing process is time-consuming, labor-intensive, and energy-intensive, and is harsh on the environment. Everlight Chemical's innovative approach integrates digital technology and textile printing. The high-quality dyes and inks that Everlight Chemical has developed effectively accelerate production processes, set new fashion trends, create unlimited possibilities, and signal a new era of digital printing.

Exercise is a growing trend and people are demanding clothes that express their personal style while remaining comfortable. Such clothes have to facilitate moisture absorbency

and evaporation, and be able to double as raingear and windbreakers. The application of PU polymer adhesives makes the dream of functional sportswear come true. Traditional adhesives contain organic solvents. When the products are processed, many volatile organic substances are released, threatening human health and polluting the environment. Everlight Chemical's Polyurethane Reactive (PUR) adhesives contain no organic solvent. They feature a high adhesion level yet are resistant to intense washing, high-temperature tumble-drying, and even high-pressure sterilization.

From stylish, visually-appealing digital printing to invisible PUR adhesives for functional clothes, Everlight Chemical's environmentally-friendly, energy-conserving, and innovative products and technologies have gradually changed the face of functional clothing, set new lifestyle trends, brightened up the textile industry, and created green competitiveness and business opportunities. ●





Conversations between Earth Tones and the Earth



> Chia-Li Yeh, Tech, Marketing & Service Division

Everlight Chemical's Everzol® CS dyes have the characteristics of levelness, high light fastness and chlorinated water fastness,

environmental friendliness, and product safety. They have solved a persistent problem for the textile dyeing and finishing industry and are genuinely environmentally friendly products.

Troubleshooting by Everzol CS dyes

In August 2013, a textile dyeing factory in the Philippines used levelling dyes of an unspecified brand to produce towels for a major multinational fast food chain for cleaning purposes. The towels suffered a serious color change after repeated contact with high-concentration chlorine contained in detergent. The client filed a complaint and asked for compensation and a resolution to the problem.

The dyer was immediately forced to find robust & reliable dyes for towels that can withstand repeated contact with high-concentration chlorine detergent. The dyer approached Everlight Chemical for the Everzol® CS Critical Color Solution range, which features levelness and colorfastness to light and chlorinated water. It was the perfect solution for the dyer. Everlight Chemical helped the dyer solve the problem and win back the trust of the client.

Critical Color Solution for Earth Tones Dyeing

Earth tones refer to olive greens, warm grays, tans, browns, and other colors seen in abundance in nature. Favorites of young consumers, these colors are associated with nature, environmental protection, comfort, and relaxation. Because of their ability to complement any color nicely, they have always been popular in the dyeing industry. Earth tones are the colors of the highly coveted "secret color celadon" of the late Tang Dynasty. Cherished throughout the ages and around the world, the colors of nature are true classics.

Unfortunately, conventional dyes suffer from inferior levelness and poor fastness to light and chlorinated water. To solve this persistent problem, Everlight Chemical Color Chemical Business Unit developed breakthrough technologies through Everzol CS to provide an integrated solution for critical earth tone dyeing.

Everlight Chemical's Everzol® CS dyes are highly suitable for shades from pale to medium and sensitive shades. They have extremely excellent lightfastness. Compared with regular light-resistant reactive dyes, they have the extra

advantage of being robust in contact with chlorine contained in detergent. More surprisingly, Everzol CS dyes provide the best solution, so-called on tone dyeing behavior, for solving back-to-face problems for emerged cotton by conventional dyes.

Go Green for Environmental Protection and Product Safety

Although earth tone dyed goods evoke environmental awareness, they are sometimes the cause of inferior dyeing quality. This is because earth tone dyed textiles are too sensitive to handle, and after the batch dyeing will require more shading. This re-processing causes more environmental problems. Everlight Chemical offers textile dyers excellent Right First Time (RFT) products, which permit quick and accurate critical color dyeing. Everzol® CS dyes are genuinely Earth-friendly products that save time and resources while protecting the Earth.

Everlight Chemical devotes the utmost effort to create a better life for human beings. Dedicated to the development of new dyes, the company is steadily moving toward its goal of Zero Discharge of Hazardous Chemicals (ZDHC). Everzol® CS dyes are one of Everlight Chemical's ZDHC product ranges. With Everlight Chemical's natural, eco-friendly, and robust earth tone dyes, consumers won't have to worry about hazardous substances on their clothes. 🌱



“Everlight Chemical earth tone dyes are genuinely earth-friendly products.”



Photo by Tim Wang

Encounter between Brilliant Colors and Beauty



> Chien-Yu Chen, R&D Center

Most of the brilliantly colored clothes on the market are made of blended fabrics. Everlight Chemical's bright and practical

high-chroma dyestuffs break free of the traditional color gamut, fulfilling the dyeing and finishing industry's and consumers' needs for comfortable fashion, bringing beautiful colors to your life.

Bright Blue, Symbol of Noble Prestige

The beautiful blue shades of the sea and the sky are difficult to recreate, and that is why there was no blue color in prehistoric paintings. Human beings had been unable to paint in blue until the discovery of azurite. Bright blue pigments, such as the Egyptian royal blue and the Maya blue of pre-Colombian Mesoamerica, are rare treasures.

Before the Industrial Revolution, blue dyes were very rare. Dazzlingly bright blue textiles represented extraordinary prestige. Today, Queen Elizabeth II of Great Britain is known for her dresses of every hue, but she is most often seen in blue. The outfit consisting of a simple, elegant bright blue tweed coat with a black handbag and black leather shoes accentuates the Queen's dignified charisma, and inspires people to dress in similarly brilliant colors.

Satisfying the Demand for Comfort and High Chroma


As bright colors begin to dominate the fashion world, the dyeing and finishing industry is looking for reactive dyes for textiles of high chroma or color purity. However, such dyes are very rare. It's a great challenge to use reactive dyes to create cotton garments that are both brightly colored and comfortable. Most of the brilliantly colored fabrics on the market are blended. Very few are 100% cotton.

In recent years, Everlight Chemical Color Chemicals R&D team has overcome the technical difficulties and developed five Fashion Color (FC) dyes: brilliant yellow, brilliant blue, brilliant red, brilliant orange, and crimson. The colors are bright

and durable, satisfying consumers' need for high-chroma pure cotton fabrics. These colors are the favorites of fashionistas for expressing their personal styles.

A Boon to Cotton Fashion

Everlight Chemical's Everzol® FC range of reactive dyestuffs breaks free of the traditional color gamut. Reducing the difference between cellulose fiber and synthetic fiber in colors of high purity, the products create uniquely vivid colors, fulfilling the dyeing and finishing industry's demand for level dyeing and reproducibility, while allowing fashion designers greater freedom in the use of colors. Everlight Chemical's brilliant dyes are a milestone in the history of dyes and a boon to cotton fashion.

Comfortable and beautiful cotton textiles represent a longing for the good life and give people a sense of ease and freedom. Everlight Chemical's Fashion Color range spreads happiness and adds a touch of bright colors to life. 

Brilliant Colors Convey Happiness

Colors not only give people visual enjoyment but also soothe the soul. The color **red** symbolizes indiscriminate love and passion and brings vitality; **orange** is the color of health and physical and mental comfort; **yellow** is the color of communication and promotes interpersonal relationships; and **blue** is calming with healing and tranquilizing effects. Brilliant colors are like rays of sunlight, giving us joy, strength, positive energy, and happiness.

“Everlight Chemical's brilliant Fashion Color dyes are a boon to cotton fashion”



Digital Textiles Drive Fashion Trends



> Sam Chen, R&D Center



Ink is the key to digital textile printing. After over 10 years of research and development, Everlight Chemical offers a wide

range of dyestuffs and inks for different fabrics and print heads. We provide excellent solutions for our clients, making the dream of digital printing come true and showing true value.

Textile Printing Represents Fashion

Fabric printing is an important element of fashion and an integral part of the dyeing and finishing industry, which helps designers create unique and versatile costumes for different distinctive characters, engendering unlimited possibilities for digital printing.

In the past, the predominant technology was combined flat and rotary screen printing, which required three to four months and was harsh on the environment. Digital textile printing obviates screens and reduces production time to one to two weeks. This technology allows for fast production of patterned fabric to keep up with seasonal fashion trends. Printing has become more technologically advanced, environmentally friendly, time-efficient, diversified, and is in sync with fashion.

Meticulous Development of Inks

Comparing inkjet printing equipment to automobiles, the print head is like the engine and the ink is the motor fuel. Bad fuel harms the engine. Without good fuel, even the best cars would be unable to run smoothly. Similarly, if the ink is the same as that used in traditional fabric printing, it will either fail to print or print haphazardly. In the worst cases, the print head will be damaged or blocked.

In the development of ink, Everlight Chemical emphasizes quality and maintains the highest standards. First of all, we select good dyestuffs to ensure colorfastness. Secondly, we understand that the print head is a valuable precision machine part. Therefore, we treat our ink to make it finer than

drinking water, to ensure excellent printing quality.

Specialized Dyestuff Manufacturer

The application of digital printing requires the integration of inkjet printing equipment, inkjet ink, printing software, and textile preparation and finishing. The industry chain consists of machine and equipment manufacturers, software producers, ink manufacturers, and printing houses. However, only a few equipment manufacturers and software providers have expertise in chemicals or understand the discrepancy between dyestuffs and colors. For printing houses, the most important things are smooth printing processes, excellent printing results, and optimal production costs.

As a specialized dyestuff manufacturer, Everlight Chemical has comprehensive knowledge about the characteristics of different dyes and related laws and regulations and monitors every stage of the production of dyes and inks. Moreover, with knowhow in traditional textile printing, it is able to provide timely assistance for clients about production processes, ensuring their perfect satisfaction.



Photo by Jacky Huang

Making the Dream of Digital Textile Printing Come True

Everlight Chemical has over 10 years of experience in digital textile printing products and offers a wide range of dyestuffs and inks for different fabrics and print heads. We believe that only good products are able to give the industry a brilliant future and make the dream of digital textile printing come true. ●

“Because of the meticulous production processes, Everlight Chemical inks achieve excellent printing results.”



Photo by Tina Hsu

Green PUR Adhesives: The Matchmaker of Functions



Jie-Li Dong, R&D Center

Aiming to be a green enterprise, Everlight Chemical innovatively integrates functional applications. Its Evereco®

Polyurethane Reactive (PUR) adhesives feature heat resistance, resilience, high adhesion, and are solvent-free. The PUR adhesives are environmentally-friendly green products.

Reliable PUR Adhesives

Many of the PUR adhesives on the market are not able to endure high temperatures and tend to come unstuck easily. For instance, many new washing machines feature different specialized cycle settings that combine washer and dryer functions. Some functional PUR adhesives on the clothes deteriorate in the high-temperature tumble-drying process or come off completely at specialized cycle settings. In some cases, the clothes are totally ruined.

A manufacturer that had experienced problems with PUR adhesives loosening in high temperatures decided to source their PUR adhesives from Everlight Chemical. Everlight Chemical's Evereco® PUR adhesives endure sterilization at high temperatures and withstand chemical detergents. The manufacturer developed a strong trust and became one of Everlight Chemical's loyal clients.

Innovative PUR Creates Miracles

Generally speaking, functional PUR adhesives on polymers are high-temperature resistant, resilient, enduring, and versatile. They are most often used in automobile materials, sports and leisure wear, building interiors, and medical equipment. A thin coating of the PUR adhesive provides optical, physical, and chemical advantages. The adhesives are the invisible force behind the successful products of different fields and bring different industries together.

PUR can replace screws to increase the yield of photoelectric panels while lowering costs. It can be combined with the breathable sweat-absorbent layers in sportswear to improve the sweat-absorbency and accelerate the evaporation of moisture from the fabrics. PUR adhesives are an invisible presence in every industry and there are new and surprising applications every day.

Premium PUR: Perfect in Every Way

Most of the PUR adhesives on the market are solvents, of which many are organic. When the products are processed, many volatile organic substances are released, threatening human health and environmental safety. For example, a piece of leather the size of a football field for international events contains 600kg of organic solvents. The evaporation and waste gas treatment for the solvents consumes a lot of energy, increases carbon emissions, and contributes to environmental pollution.

Everlight Chemical developed Evereco® PUR adhesives for medical protective clothing. Featuring strong adhesion and good resistance to washing, and able to endure 100 high-pressure sterilizations at a temperature as high as 140°C, they provide optimal protection for medical personnel while preserving the environment. In the last two years, the Everlight Chemical R&D team built leather adhesion analysis and testing systems, effectively solved the problems of adhesion level, toughness, and heat resistance, while improving the texture of leather. It's a successful application in the leather industry.

PUR: Green Products and Watchmaker of Functions

Aiming to be a green enterprise, Everlight Chemical innovatively integrates functional applications and responds to the latest trends and lifestyles. Evereco® PUR adhesives are solvent-free and environmentally-friendly products.

Starting with textiles, progressing to leather, and collaborating with the functional textile industry chain, Everlight Chemical Evereco® PUR adhesives have accomplished the impossible mission of combining different applications and being the invisible matchmaker of functions. They are gradually and ingeniously changing industries, creating unlimited possibilities, enhancing value differentiation, revolutionizing product life cycles, and rewriting the histories of various industries. ●

“Evereco® PUR adhesives are environmentally-friendly green products.”

35°C Passion, 30% Labor Reduction

To save time and labor in the feeding procedure, the quality control circle (QCC) chose "shortening feeding time" as the theme of an improvement activity. During meetings, people suggested adopting the shortest transportation route, setting up hoists, or using pallet trucks. However, A-xiang, the leader of QCC, remembered that a teacher once said, "transportation makes waste."

Someone else said, "Well, let's not move the materials!" These words changed A-xiang's thinking. After meticulous reviews and discussions, the participants agreed that the best and most viable option was direct vacuum feeding from the first floor. Although it offers no advantage regarding safety and cost reduction, this method is easy to carry out and is effective in reducing labor and elevator dependence. The decision was the first key step.

Successfully transforming an idea into reality requires a range of improvement measures and details of execution. However, A-xiang was not familiar with delivery tube material, size, caliber, and degree of vacuum, which were an entirely different professional field. Therefore, he worked with other organizations on the project. After three months of hard work, the equipment was in place and various parametric designs and control plans, including degree of vacuum, safety, and operational controls were established.

The new stocking and feeding procedure was then put into operation to produce 10 batches, achieving a 30% reduction in labor time and eliminating manual transportation. With the consent of the supervisors, the Feeding Procedure Standards were amended and new training courses established to ensure continual improvement. In the end, the improvement project helped the QCC win the honor of excellence circle. (Based on a true story of the QCC of Everlight Chemical Plant 3) (Tien-Wang Wu & Shih-Chen Huang, Office of General Manager)



Team Consensus Camp Strengthens Core Culture

To help new employees develop trust in the group and the spirit of cooperation, and thus build a high-performance team, Human Resources Office held a team consensus camp in The Great Roots Forestry Spa Resort in Sanxia from June 26 to 27, 2015.

At the opening ceremony, the Chairman talked about Everlight Chemical's current operations, participation in international competitions, and the prospects of chemical factories and business models. He also shared the story of how Seiko Noda, a member of Japan's House of Representatives, worked on her first parttime job as a restroom cleaner. The Chairman encouraged the employees to carry out their responsibility and create the brilliant history of Everlight Chemical together. With trust as its theme, the camp consisted of a series of experiential activities to help the participants build a robust team.

The General Manager shared his experience of overcoming his inadequacies and persevering in his academic and health endeavors and achieving progress with the trust, care, and support of his family. He demonstrated his physical strength with one-arm push-ups. Outdoor exploration was another highlight of the event. Participants gave each other encouragement and support, conquered their fears, and succeeded in pushing their physical strength to the extreme.

At the end of the camp, the participants shared their experiences and thoughts, and thanked the company for proving a stable and friendly workplace. Despite its short duration, the event helped the employees establish close bonds. Through participating in the event, the employees learned and absorbed the Everlight Chemical corporate culture of "business by integrity and management by love." (Lynne Sun, Human Resources Division)



My Life in the Netherlands

It's been 13 years since I moved to the Netherlands! I got married early. My husband and I were still students when we got married. He was born and raised in the Netherlands. After we finished school, we travelled a lot by car and went camping very often. Once we were camping in the Black Forest mountain range in southern Germany, we went to sleep while listening to the chime of cow bells. One night, we saw through the tent a figure lurking nearby and it

tried to get in. It turned out to be a fox looking for food. What a scare!

My husband's aunt is very hospitable and loves to entertain friends at her farm.

In 2014, I had the pleasure of bringing the General Manager and his family to visit her to experience horse-riding. The Netherlands is a great place to live, with its mild weather and beautiful flowers. The people are friendly and speak English with visitors.

In the Netherlands, people are down-to-earth and place great value on leisure activities and home improvement. The social welfare system and living environment are enviable. I'm very happy to be able to adopt the same philosophy of life in this country. 🌍

(Vicky Chen, Everlight Europe B.V.)



Tibet: The Mysterious Third Pole

Tibet, known as the "Third Pole," has unique snowy plateau scenery and there is a close harmony between nature and culture. Praised in the Chinese world as "the place closest to heaven," Tibet captures the imaginations of countless people and is a place of pilgrimage for many. There are snowy mountains, holy lakes, glaciers, meadows, yaks, northern goshawks, fluttering prayer flags, rotating prayer wheels, prostrating worshippers, golden-tanned Tibetans, mysterious murals, and the magnificent Potala Palace.

Tibet seems mysterious because its travel permit policy limits the access of visitors. Tourists have to travel in groups led by tour guides. Access to some areas requires border permits. What's more, Tibetans are "protected national treasures" and therefore not allowed to leave their native area. Even though we knew we would have headaches, shortness of breath, chest tightness, and other high-altitude illness symptoms, we set out on our journey with excitement and anticipation. Azure skies and white clouds: The scenes we saw in books we also saw in person. 🌍

(Tina Hsu, Finance Division)



Smangus: Visiting God's Village

In the spring of 2015, I set out on my long-anticipated trip to the mysterious village in the Hsinchu mountains — Smangus. After passing by Neiwan and Jianshi, it was still an over 60km stretch of sinuous mountain trail to the destination. Smangus had pristine air but very cold weather. In the tranquil village away from light pollution, the brightly lit church appeared warm and beautiful in the night.

At the entrance to the Giant Tree Hiking Trail were wooden rods that thoughtful residents left for hikers to use as canes. As we walked about in the forest and saw bamboo plants, creeks, giant trees, and verdant valleys, we realized how small we were. When we were in the group of giant trees, we were like tiny ants. In the mountains away from the hustle and bustle of urban life, we felt completely relaxed and all our worries and stress were gone. There are restrictions regarding transportation to and from Smangus. To avoid possible disappointment, visitors are advised to confirm their schedules with the visitor service office in advance. 🌍

(Hsing-Chieh Lee, R & D, Electronic Chemicals B.U.)



Everzol[®] FC

高色彩 High Chromatic

高牢度 High Fastness

反應性染料 Reactive Dyes

Better Life

COLORS *THAT CHANGE* **LANDSCAPES**

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