



力麗企業股份有限公司
LEALEA ENTERPRISE CO., LTD

Code.1444

2022 INVESTOR CONFERENCE



Investor Conference

- ▲ **DISCLAIMER:**

This PPT encloses the info. of the company's internal and external data and includes the business performance, financial statement, and sales development.

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- ▲ Company prospection in PPT is based on Lealea's point of view, and it may vary by time. Lealea is not responsible for any instant update nor reminder.

Agenda

Company Profile

Capacity

Performance

Strategy from Lealea

PT Indonesia LIBOLON

Feature Report

Strategy from Lealea

- Established Year: : 1979
- Capital: NT95.73billion
- Chairman : James Kuo
- Employees : 1041
- I.P.O: 1990 , TWSE (Code.1444)



Production Capabilities

LIBOLON

Changhua Polyester Polymerization & Spinning Plant Factory

CP process

CP1: 7000 T/Month ; CP2: 9000 T/Month

BP process

BP1: 300 T/Month ; BP2: 300 T/Month

BP3: 1200 T/Month

SSP(Bottle grade) 9000 T/Month

BR(Bright chip) 7000 T/Month

TP(Recycle chip) 1200 T/Month

PET Spinning Plant chip spinning
4700 T/Month

Changhua DTY Plant Factory

Changhua DTY
Plant Factory:
6000 T/Month

OEM DTY: 150
T/Month

PT. INDONESIA LIBOLON FIBER SYSTEM

Satff : 750

Preparation
machine : 5 sets

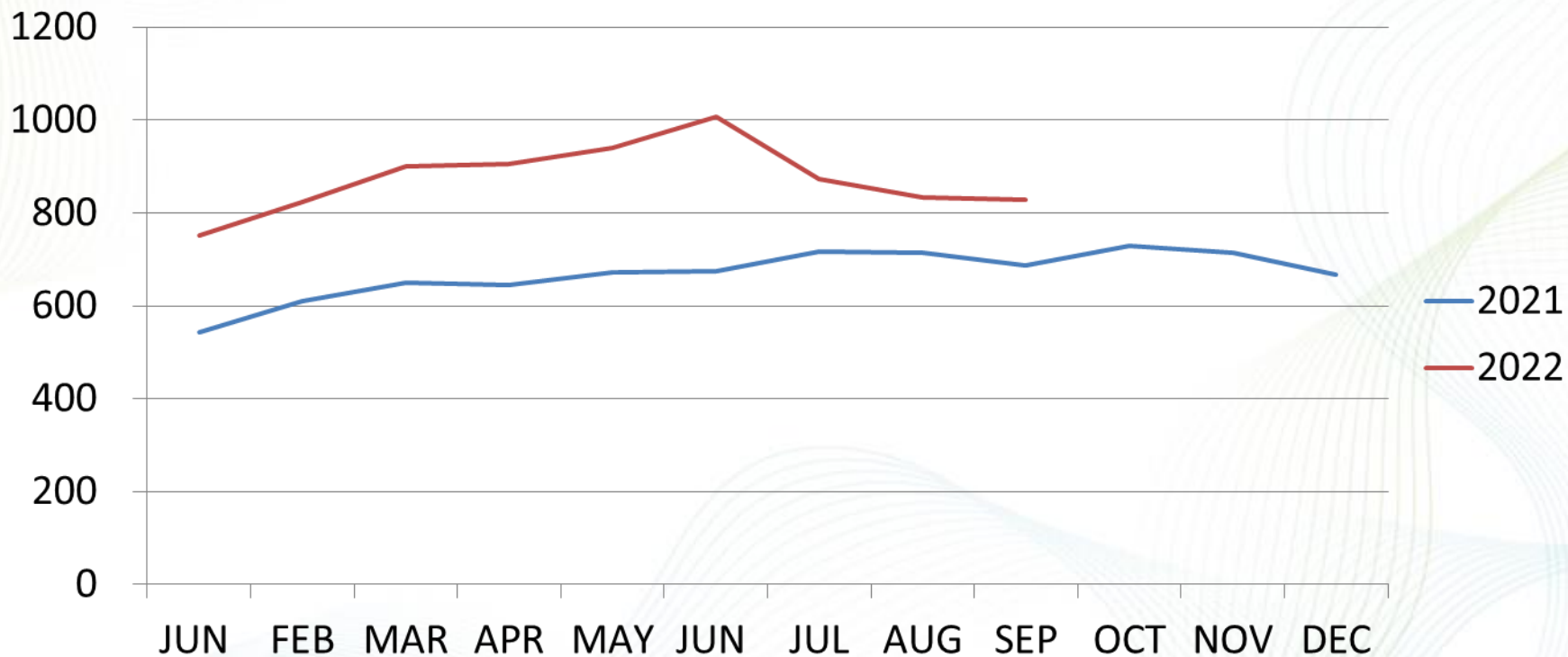
Weaving: 385 sets

Knitting: 116 sets

Dyeing capacity :
400million yards per
month

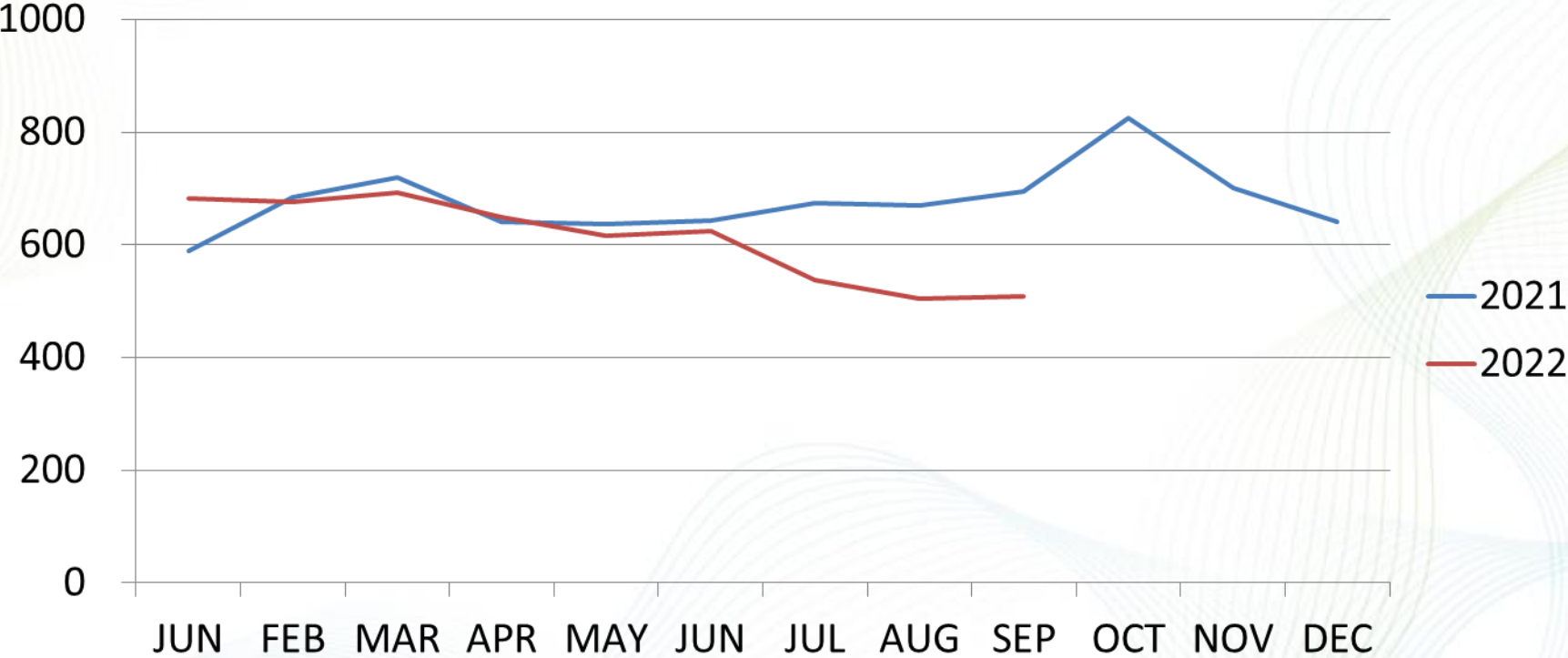
PTAMaterial Trend-PTA

Unit: US dollar



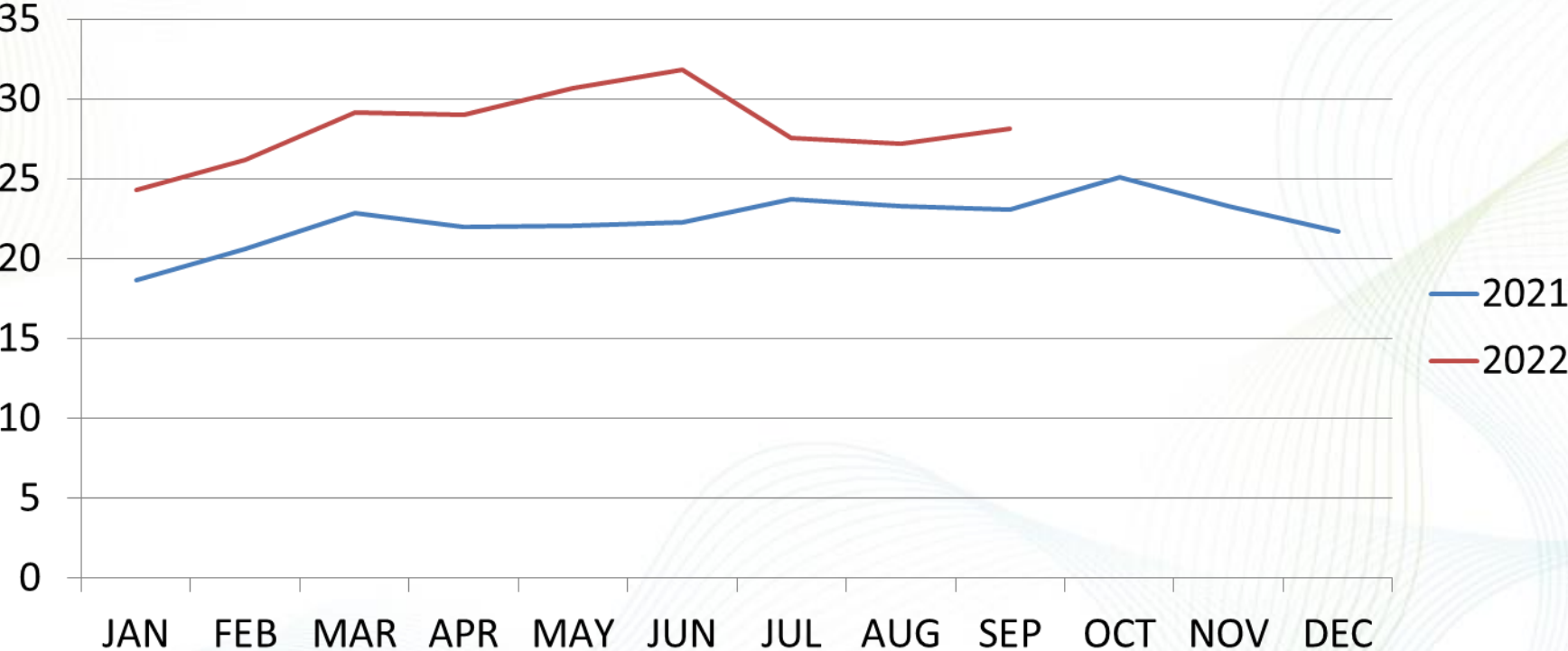
Material Trend-MEG

Unit: US dollar



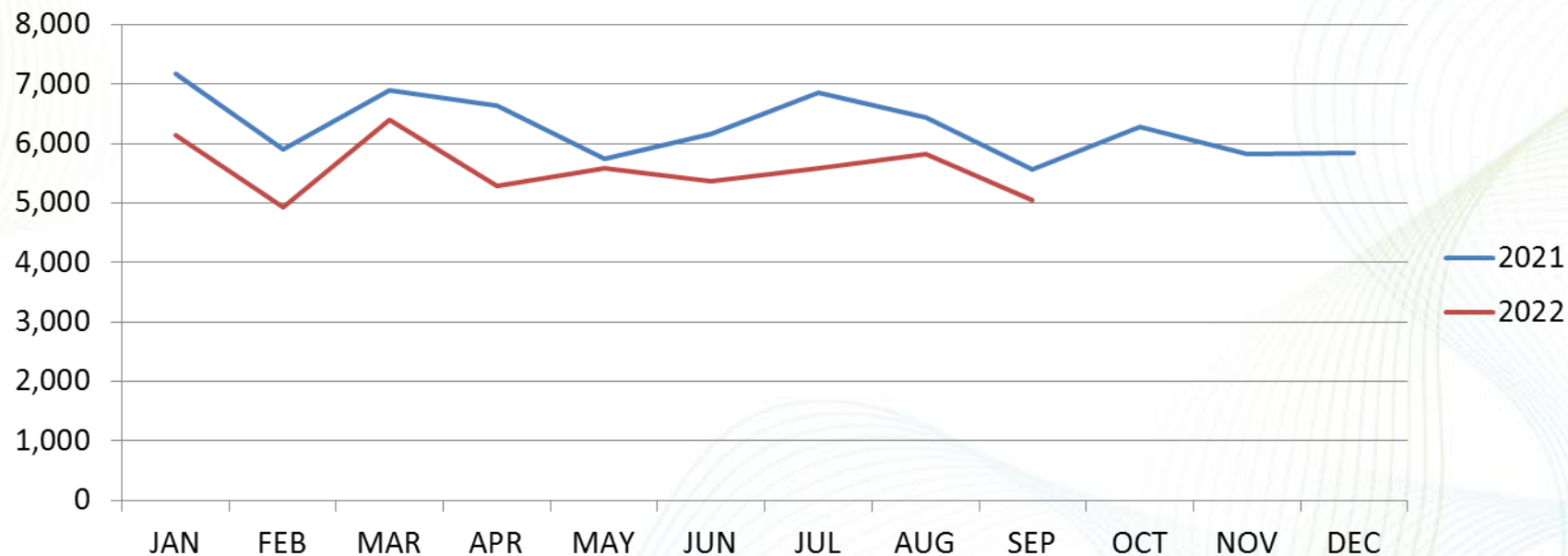
Material Trend-Polymer

Unit: US dollar



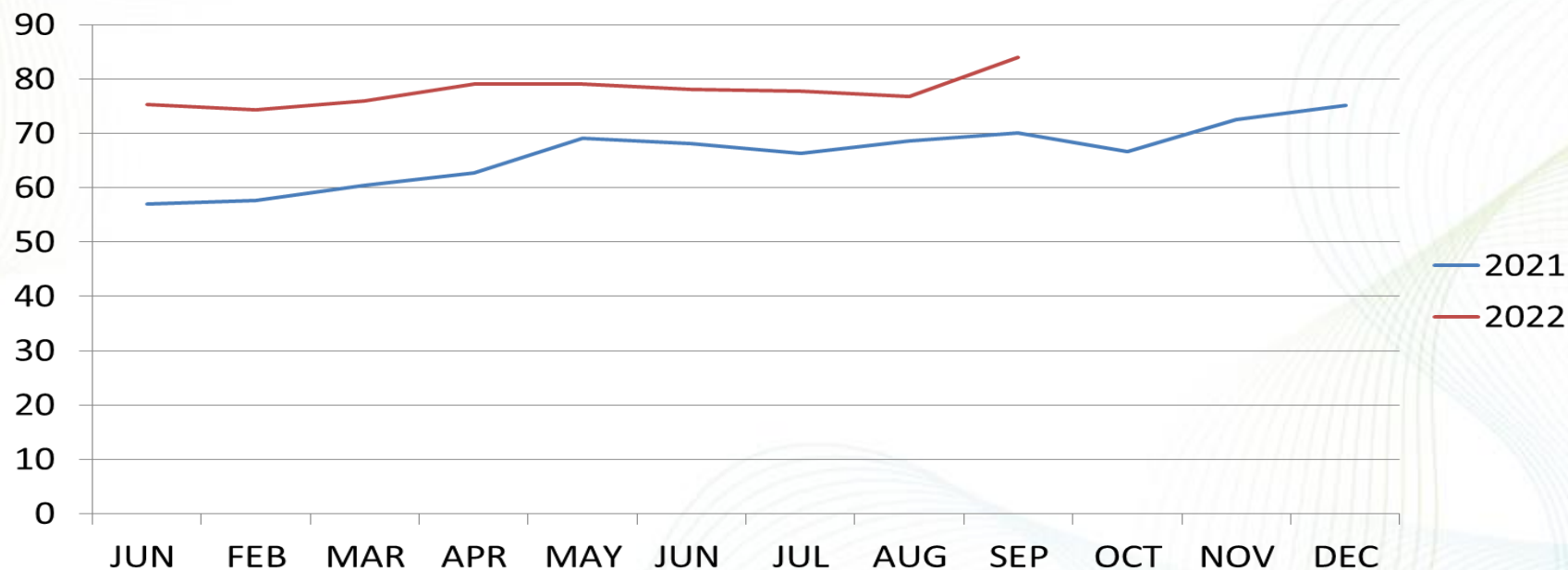
LL DTY – Sale Volume

Unit: tons



LL DTY – Sale Price

Unit: NT\$/kg



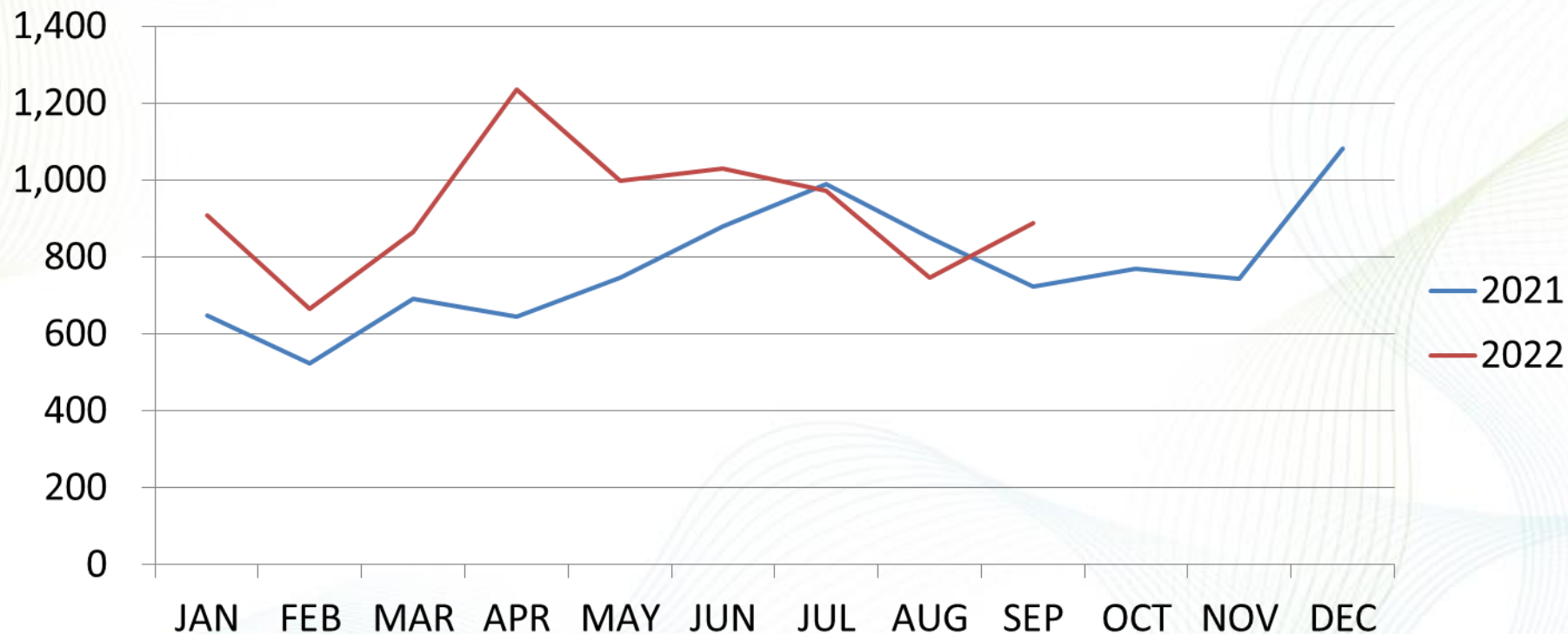
LL – Consolidated Revenue

Unit: Million NT\$



LL – Revenue of mother company

Unit: Million NT\$



Sale Volume

Year/Item	DTY(ton)	Chip(ton) Textile Grade	Chip(ton) EP Grade	SSP(ton) Bottle Grade	POY(ton)	Total (tons)
2022	50,177	9,953	31,569	74,320	3,620	169,640
2021	57,390	8,780	32,773	55,139	5,818	159,902
Comparison	-7,213	1,173	-1,204	19,181	-2,198	9738
%	-12.57%	13.35%	-3.67%	34.79%	-37.78%	6.08%

* Period : Jan. – Sep.

Strategy/Measures:

1. In response the epidemic unblocked, Major brands have set up factories in Indonesia, and cooperated with brands to expand the capital expenditure of the Libolon Indonesia factory. Major projects in 2023: ❶Texturizing plant construction ❷Second weaving plant expansion(estimated 306 units) ❸ Second dyeing and finishing factory expansion (estimated 3 sets of setting machines).
2. To meet the requirements of global net zero carbon emissions, prepare for the construction of wind power, solar energy and SRF projects.
3. Focus on improving specialization and high quality texturizing yarn, invest ten more new texturizing machines in 2023.
4. Continue to develop recycling of garments and shoe materials, circular economy business, and prepare for decolorization and CRZ equipment.
5. Enhance the R&D with major 3C brand customers to increase profits, and maintain an annual growth rate of 30%

PT Indonesia Libolon



- Libolon Indonesia is originally the Indonesian factory of Taroko, which was acquired by Lealea Group from Taroko in 2017.
- The Libolon Indonesia factory is located in West Java, Indonesia. According to Google Maps, it is located in the east of Jakarta, the capital of Indonesia, only about 85 kilometers away from Jakarta. It is about 120 kilometers from the international airport to the factory, and it takes about 2 hours to 2.5 hours by car.
- Main transportation: Expressway, High Speed Rail, Railway.
- Libolon Indonesia covers land area of 55 hectares, only about 20 hectares are actually used; about 35 hectares are still vacant. With these vacant land, we planning self-built factories, also the possibility of renting, co-construction or even selling. (Can distinguish between bonded areas and not bonded areas)

- Regarding the local salary level, according to the public information at the end of 2021, the basic salary is about USD125~345 per month, which is lower than Vietnam, and full of manpower.
- The supply of the national PLN power system is stable.
- The factory provides wastewater treatment and steam sharing, which can be charged according to the actual consumption.
- Near the largest reservoir in Indonesia, the water is directly managed and introduced into the factory area, so there is no need to worry about water shortage .





廠區大門

印尼力寶龍



乾淨環保的廠房

印尼力寶龍



力寶龍
迎賓大道

印尼力寶龍



行政辦公區

印尼力寶龍



第二警衛室

印尼力寶龍



幹部宿舍區

印尼力寶龍



力寶龍大道二段



發貨區倉庫

印尼力寶龍



廠區植樹
響應碳中和時代

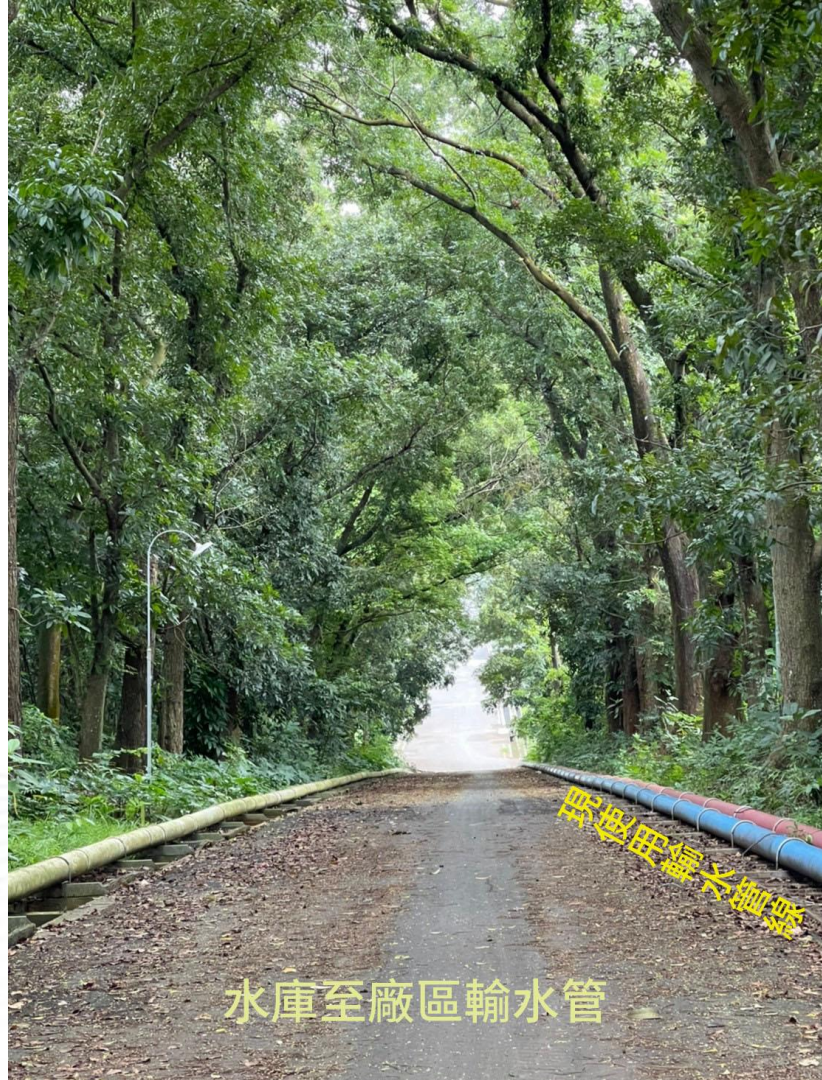
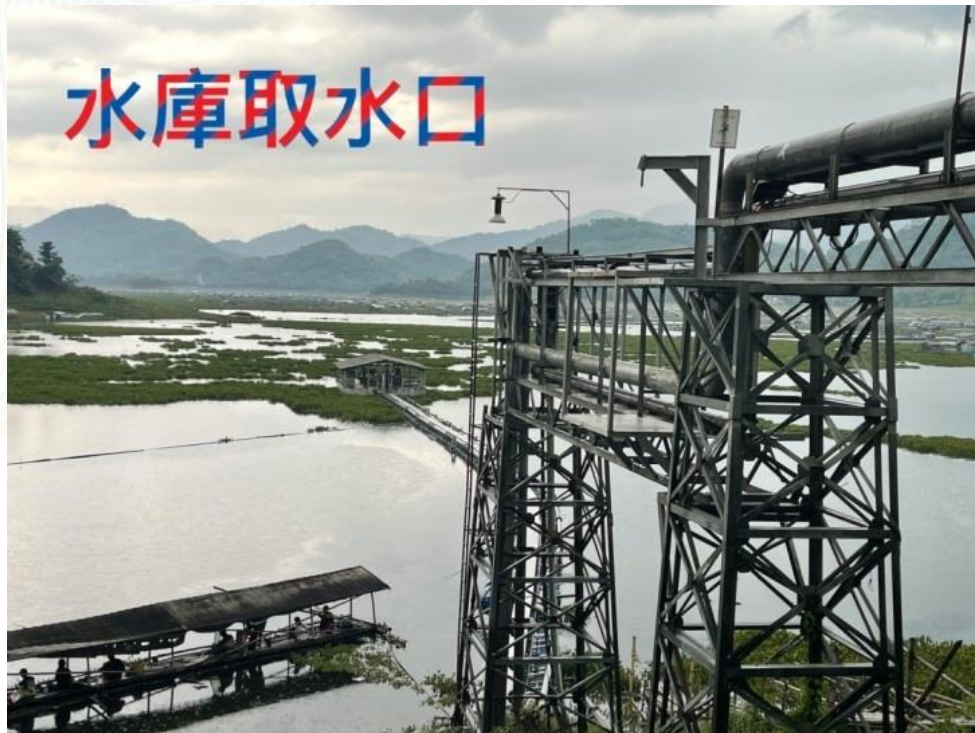
印尼力寶龍



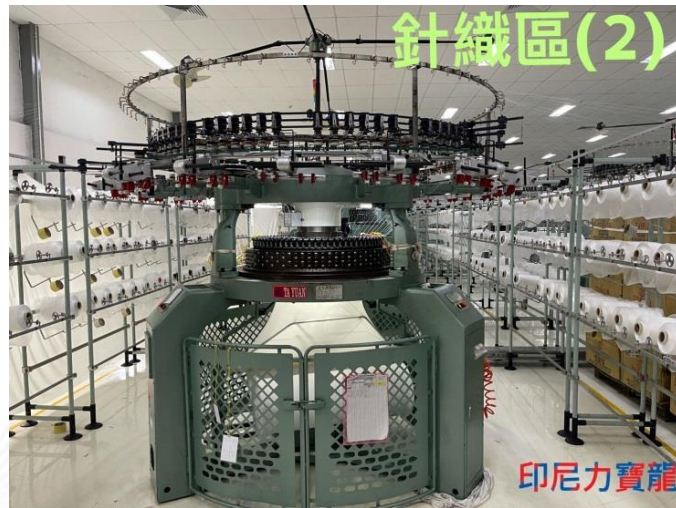
整地完成區段

印尼力寶龍

水庫取水口



水庫至廠區輸水管



織布廠區(1)



印尼力寶龍



很敬業的同仁

印尼力寶龍



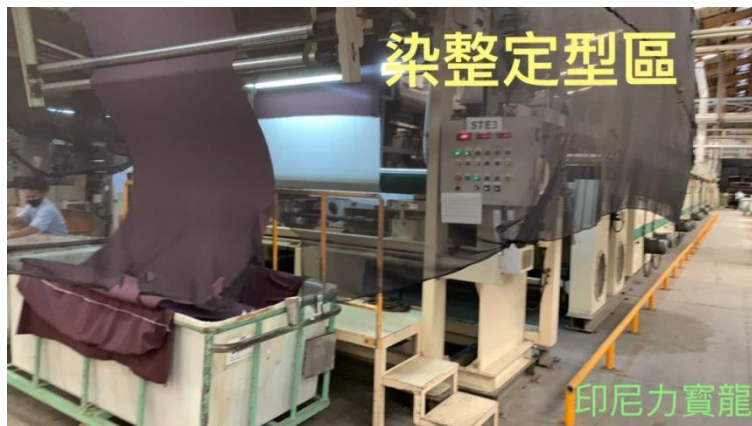
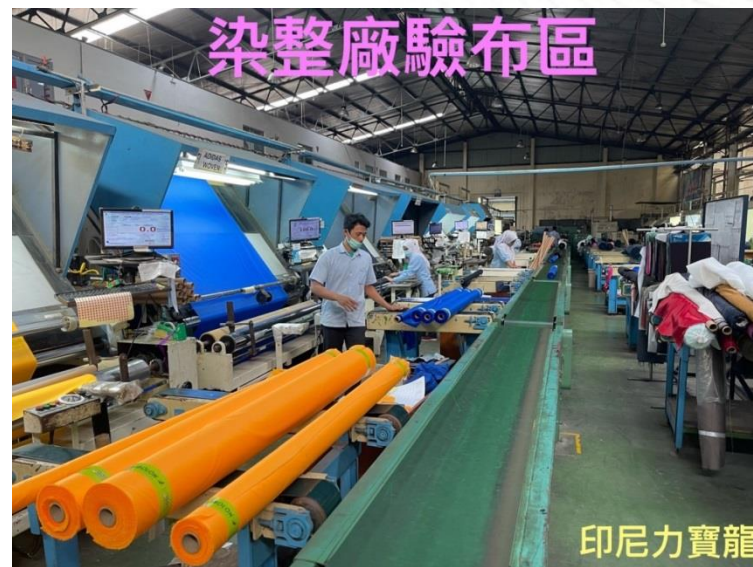
整漿工程段



平織整經區



全新平織區





廢水處理場（一）



廢水處理場(二)







Feature Report



力麗董事長郭紹儀意識到產業帶來的污染，15年前就開始做減碳工作，開發環保染色纖維。

力麗 循環再生產品 打進蘋果供應鏈

手戴apple watch專用環保材質錶帶，力麗企業副總經理張文賢暢談面對淨零排放公司降碳排的因應計畫表示，淨零排放雖是力麗的終極目標，但要在2050年就達成，其實非常困難。

以紙印花廠起家，跨足合纖、紡織、貿易、建設、環工、休閒及科技等事業的力麗企業，在此次淨零排放論壇上說明了碳中和與淨零排放之不同，碳中和，企業產品製造過程仍產生二氧化碳，可用採購破碳的方式達到碳中和；然而，淨零排放則是要求企業生產不能排放二氧化碳，以力麗企業而言，要徹底執行並不容易。

即便如此，力麗企業仍舊跟隨全球淨零排放趨勢，設定短期目標預計在2030年減碳60%。張文賢分享，力麗2020年計算廠內碳排量，發現電力佔55.23%、熱能(柴油、煤炭)佔44.69%，因此，他們的降碳計畫從電力、減少燃油先做改善。從排碳偵測、設定降碳目標等方向著手，未來陸續完成太陽能、固體回收燃料，以及風力發電。

此外，力麗創造循環再生產品，利用綠色設計、綠色製程製作綠色產品，張文賢說，像是寶特瓶回收再利用，力麗已做了15年，回收的寶特

瓶製作成衣服、紡織紗線等節能減碳產品，可減碳54%；另外，他們也與彰化多家製鞋工廠合作，將製程中廢棄的胚布回收再利用製作成纖維，可減少排碳量57%；下一步，力麗將研發廢衣回收，預定明年設廠回收有色衣物、布料，再製成白色PET聚酯塑料，真正落實環保永續循環，也因此力麗能受到蘋果公司青睞，成為Apple Watch錶帶供應商。

然而，針對製成當中所需熱能大量排碳問題，力麗與台灣瑞曼迪斯合作將利用SRF(Solid Recovered Fuel)固體回收燃料取代傳統柴油、煤炭，未來像是塑膠瓶、紡織衣物等，原本當成垃圾丟棄的固體物品皆可回收為燃料，依據德國經驗可減碳30%，預計2025年設置完成。此外，張文賢進一步分享，近幾年，力麗也積極投資綠能產業，在太陽能發電方面，總設置面積達86,198平方公尺，可提供8,706.88千瓦，只是太陽能發電量畢竟有限；因此，力麗在2022年提出風力發電機設置申請，經過環境影響評估、建造核准，預計2026年第一套風力發電設備約有20支風機將開始運行，未來力麗仍關注新能源的發展，努力朝2050年達到淨零排放的目標前進。

SRF化廢為寶、風力發電、啓用新機台



力麗集團今年展出三大亮點，發言人陳漢卿對集團發展抱持樂觀態度。

毛洪霖 / 攝影

力麗集團 紡織展三大亮點吸睛

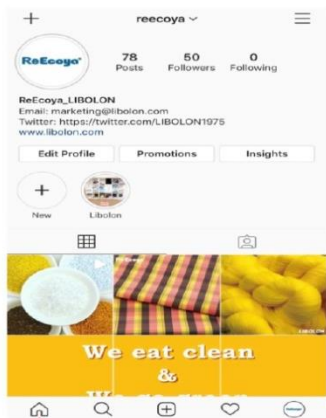
【台北訊】今年台北紡織展力麗集團展出綠色再生纖維產品-RePET環保聚酯再生纖維、ReEcoya回收原液染色纖維等綠色循環概念產品，吸引買家駐足詢問，買氣熱絡。

力麗集團發言人陳漢卿表示，力麗集團今年展出三大亮點，首先是固體再生燃料(SRF)，力麗跟德國百年大企業瑞曼迪斯合作，透過綠色不落地的新技術，成功將廢棄物回收、製成燃料棒，排碳量僅為煤炭的1/3。以往企業廢棄物需付費運走，在力麗新技術下，成功將廢棄物轉成新營收，也呼應減碳愛地球的潮流。在環保趨勢下，有科技業大廠有意配合。

在電力部分，陳漢卿說，力麗已成立風力發電能源公司，一度電成本僅1.5元。已有3隻風力發電進入環評，第一階段預計建置24隻，總目標40隻。在製程方面，力寶龍啓用符合人力需求低、產品附加價值高等目標的新機台，新機台全球僅有12台，力寶龍就擁有10台。在傳統量產部分，陳漢卿身兼印尼廠區負責人，每月前往印尼至少一周，督導織布、染整二期建置與運作，將批量生產基地轉往印尼。陳漢卿表示，力麗集團今年第四季及明年第一季發展樂觀。

(蔡穎青)

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Q&A