

TSE 4989



# LCY TECHNOLOGY CORP.

2023/10/24



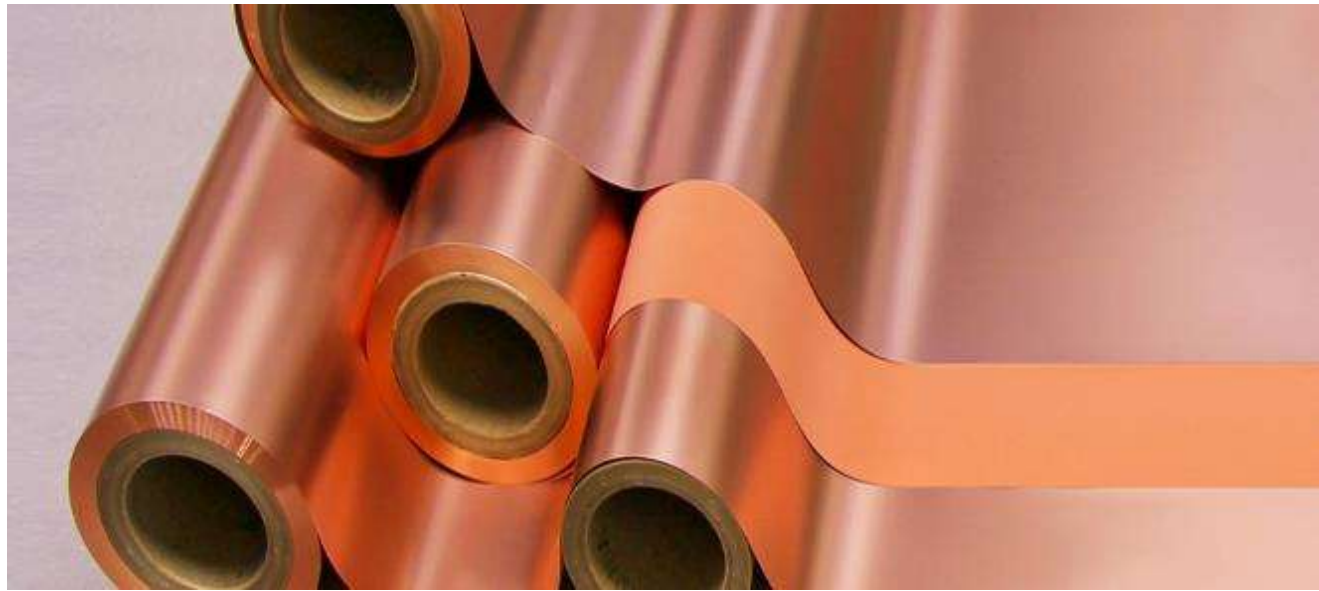
Differentiation · Innovation · Green

# Disclaimer

- ◆ The financial numbers hereby are based on international Financial Reporting Standards(IFRSs) and reviewed or audited by CPA.
- ◆ This document contains forward-looking statements that are based on current expectations and are subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements.
- ◆ Except as required by law, we undertake no obligation to update any forward-looking statements, whether as a result of new information, future events or otherwise.
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# Agenda

1. Company Profile
2. Industry Overview
3. Operation report
4. Process optimization
5. Q & A



# 1. Company Profile

2. Industry Overview

3. Operation Report

4. Process Optimization

5. Q & A



# Basic Info.

<b>Establishment Date</b>	January 16, 1997
<b>Chairman</b>	Paul Chen
<b>G.M</b>	Paul Chen
<b>Stock Listing Date (TWSE)</b>	June 28, 2018
<b>Paid-in Capital</b>	NTD1.37 billion
<b>Business Item</b>	Design, manufacture and sales of Copper Foil
<b>Plant</b>	Xiaogang Dist., Kaohsiung (No. 3-1, Zhonglin Rd.)
<b>Staff Number</b>	204 (As of September 30, 2023)

# Milestones

2019

- 1.VLP(ED#30)completed
- 2.Received ISO 50001 2018 Energy Management System certification

2020

- 1.VLP(ED#30)completed
- 2.Received ISO 50001 2018 Energy Management System certification

2021

Paid in capital after the capital reduction is NTD 1.37 billion (November 29 is the new stock listing trading day after the reduction)

2022

Completed the first ESG report

2023

Start to use T-REC

1997

LCYT CORP., Ltd. was established with a capital of NT 200,000 thousand dollars

2000

The 1st phase of copper foil plant broke ground (Capacity 5000 tons/per year)

2007

The 2<sup>nd</sup> phase of copper foil plant commenced volume production (Capacity 10000 tons/per year)

2017

Listed on TPEx, listed no. 4989

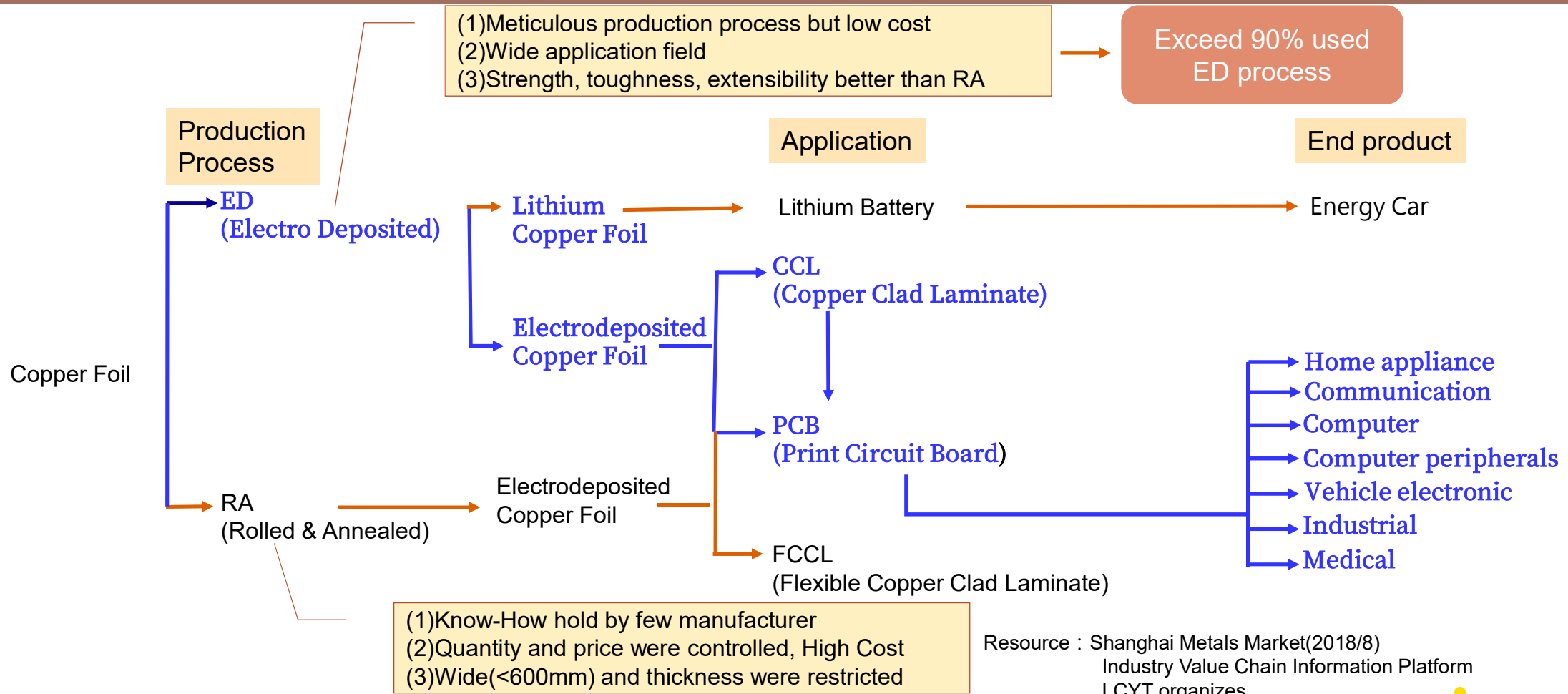
2018

- 1.KKR acquires parent company, LCY, and LCYT becomes an Indirectly Owned Affiliate of KKR
- 2.Listed on TWSE , Capital NT\$ 1,530,850 thousand
- 3.Construction of VLP expansion line (ED#30) started.

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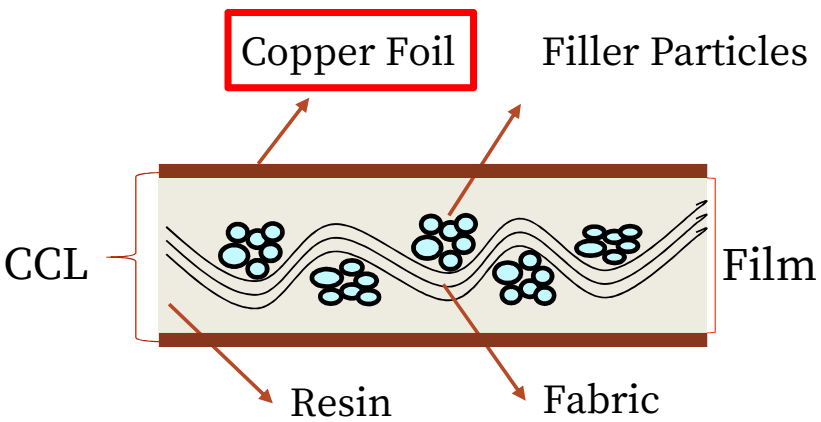


# Industry Overview





# Part of the Copper Foil Process



Resource: Industrial Technology Research Institute (2020/8)

Important factor in signal transmission quality

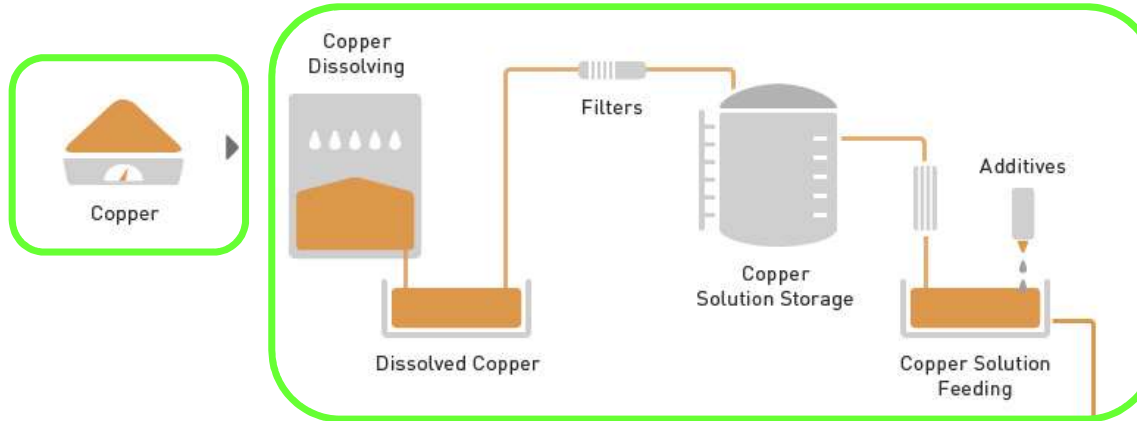
- roughness
- surface finish

## Roughness Table of ED Copper Foil

	Standard foil (low-profile class 3, LP3)	Reverse-treated foil (RTF)	HVLP
Rz > 4	<p>standard HTE</p> <p>standard HTE, 9&amp;12 μm</p> <p><b>PK-HTE-LP3</b></p>		
Rz < 4		<p>RTF</p> <p><b>PK-HTE-RTF</b></p>	<p>VLP</p> <p><b>BR-DSS-LLX</b></p>
Rz < 2.3		<p>RTF2</p> <p><b>BR-HTE-2RT</b></p>	<p>HVLP</p> <p><b>BR-DSS-2LX</b></p>

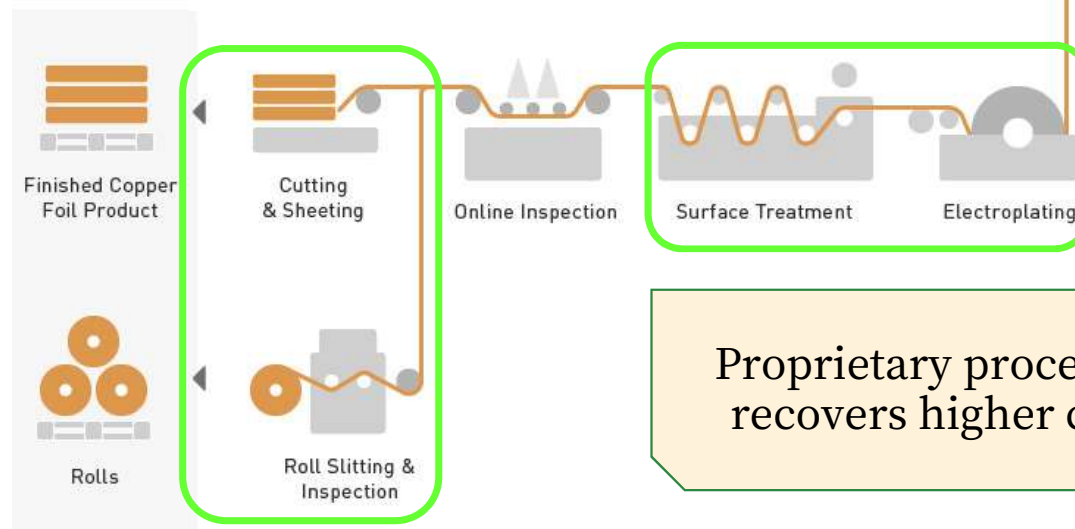
# Our Green Operational Excellence End-to-end Product Stewardship

Raw materials are  
100% sourced  
from waste cables



Disciplined  
Operational  
Excellence

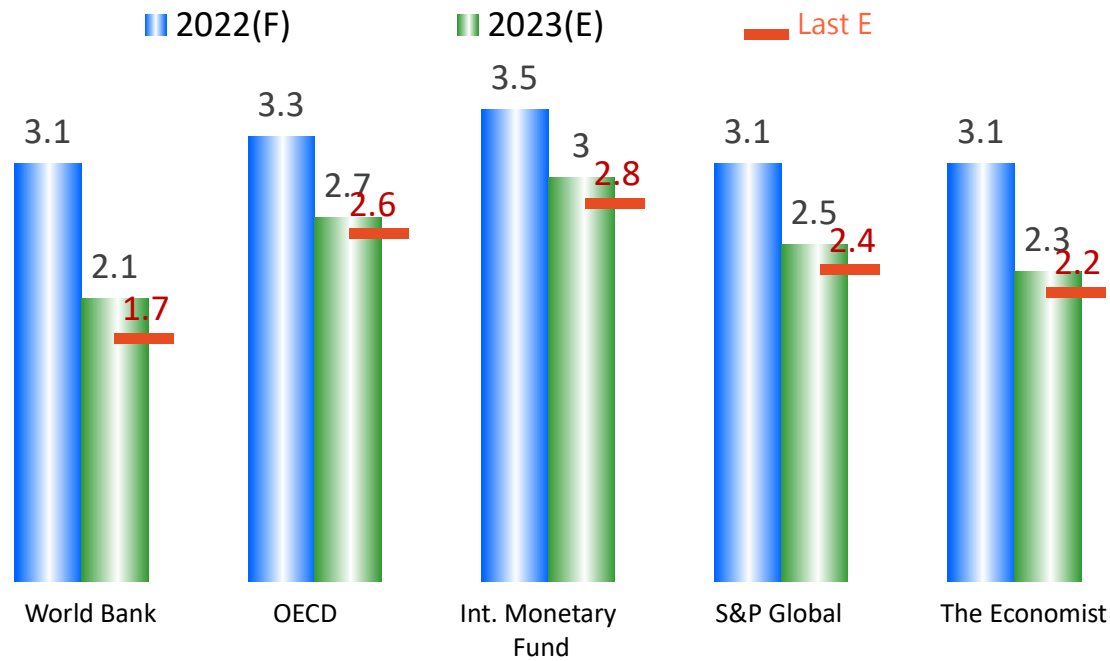
Offcut pieces are  
100% recycled



Proprietary process reduces sludge and  
recovers higher copper concentration

# Global boom

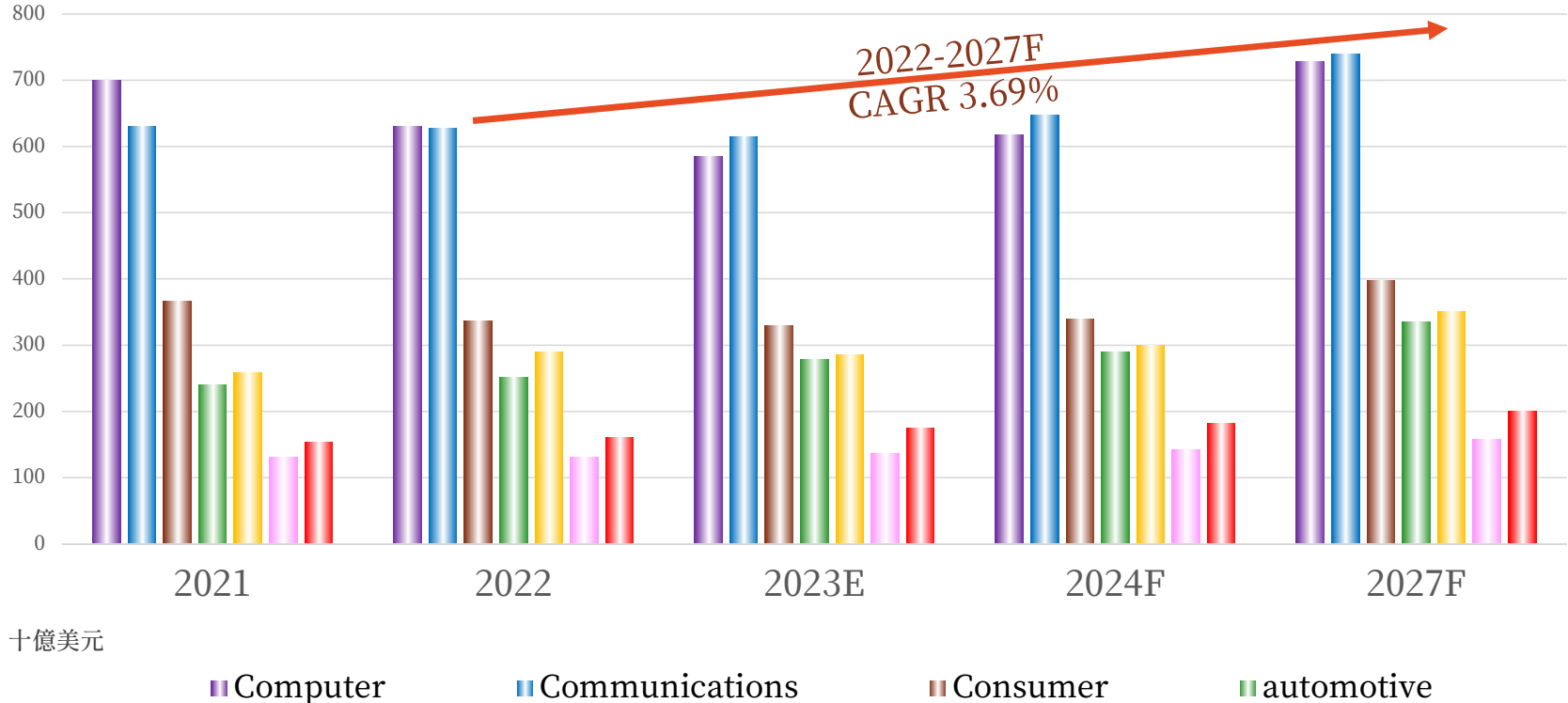
## Global economic growth rate



source : NDC

# Electronic industry development

## Terminal application trends

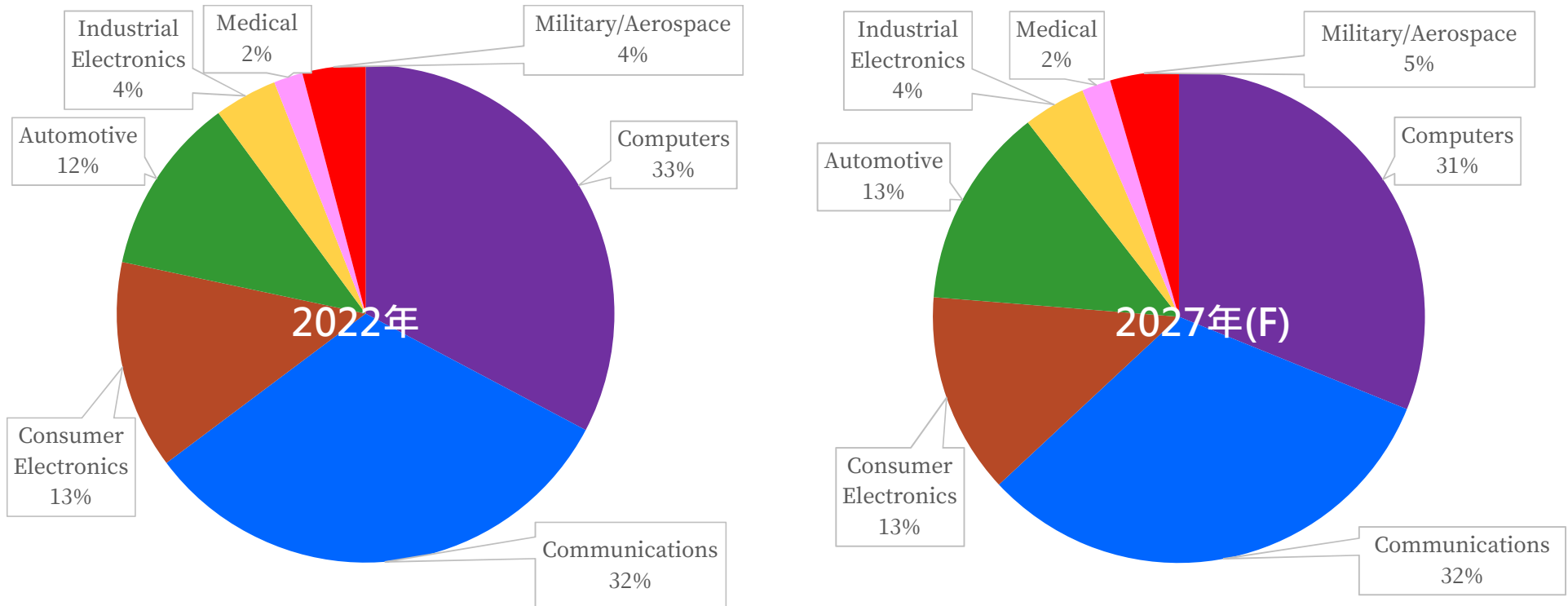


source : Prismark



# Global Market Demand

## PCB Application Market Share

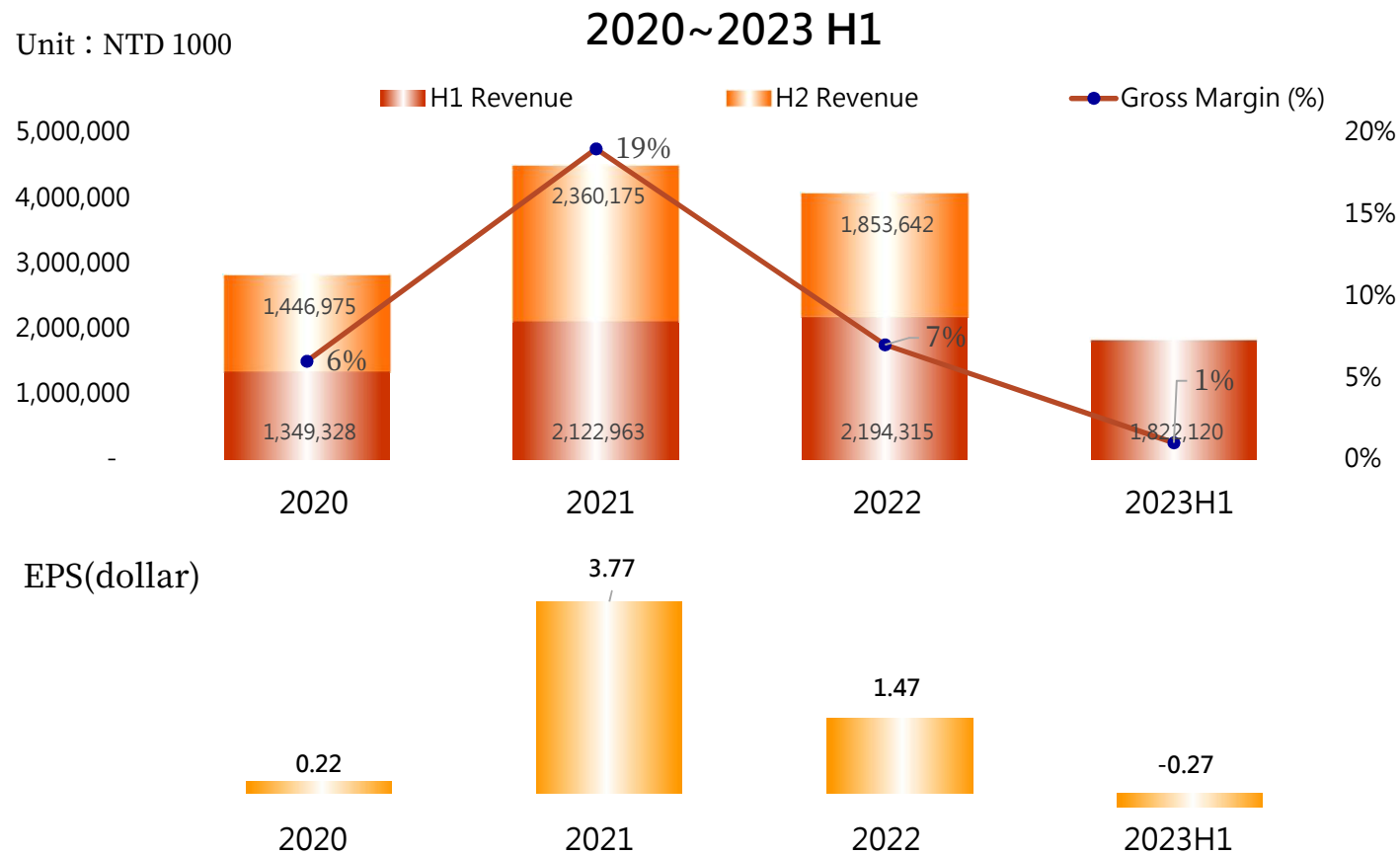


source : Prismark

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# Operation Report\_ Revenue, Gross Margin and EPS Trend



# Operation Report\_ Revenue, Gross Margin and EPS Trend

Unit : NTD 1000 / Dividend dollar

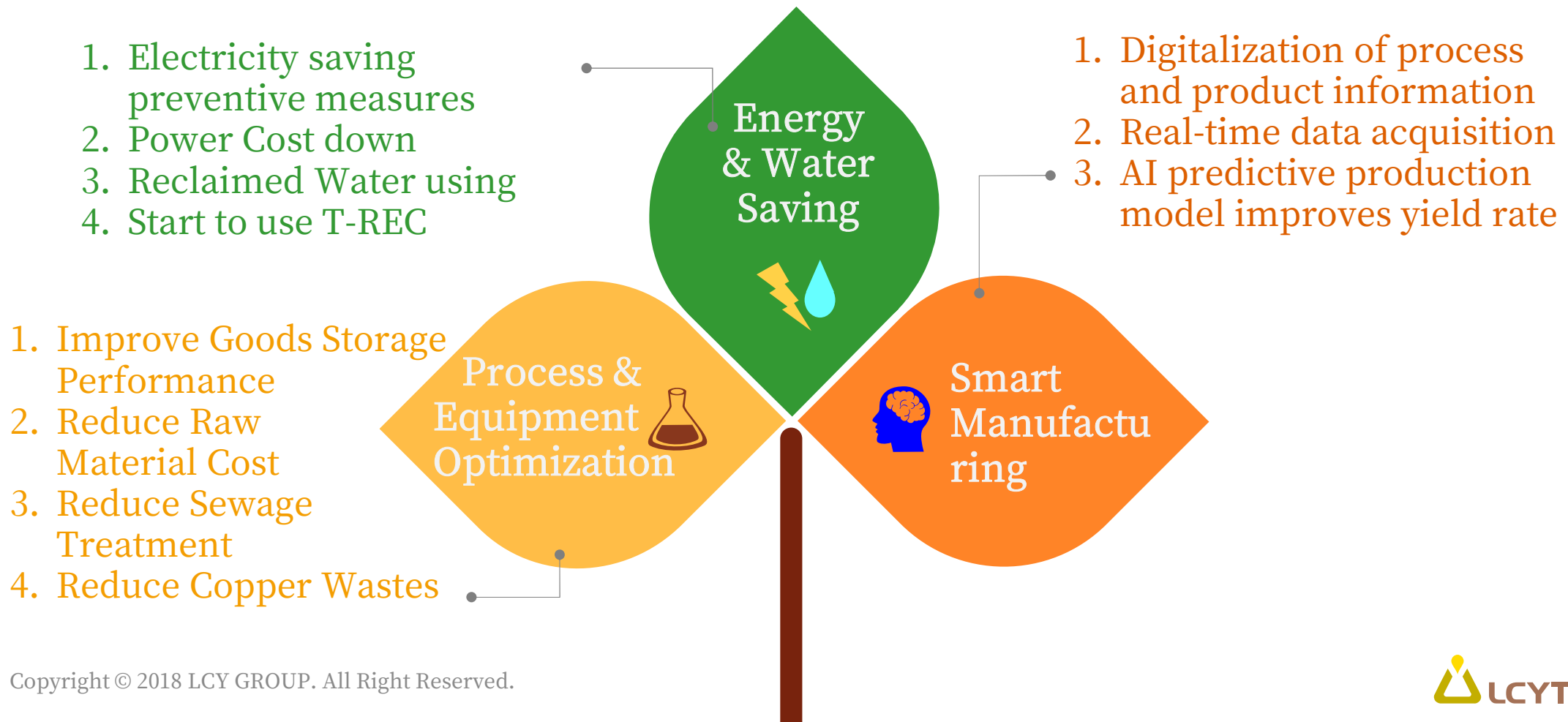
Item	2020		2021		2022		2023Q1		2023Q2	
Revenue	2,796,303	100%	4,483,138	100%	4,047,957	100%	894,128	100%	927,992	100%
Cost	2,612,402	94%	3,619,162	81%	3,762,416	93%	851,865	95%	952,901	103%
Gross Profit	183,901	6%	863,976	19%	285,541	7%	42,263	5%	-24,909	-3%
Operating	115,520	4%	147,565	3%	151,951	3%	40,151	5%	32,999	3%
Expense	68,381	2%	716,411	16%	133,590	4%	2,112	-	-57,908	-6%
Operating	-25,478	-1%	-9,785	-	133,220	3%	498	-	14,558	1%
Income	42,903	1%	706,626	16%	266,810	7%	2,610	-	-43,350	-5%
Non-Operating	34,323	1%	564,208	13%	202,994	5%	2,089	-	-38,668	-4%
Rev. & Exp.	0.22		3.77		1.47		0.02		-0.28	
Net Income	0.6		1.5		0.5		—		—	



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# Main Items of Process Optimization



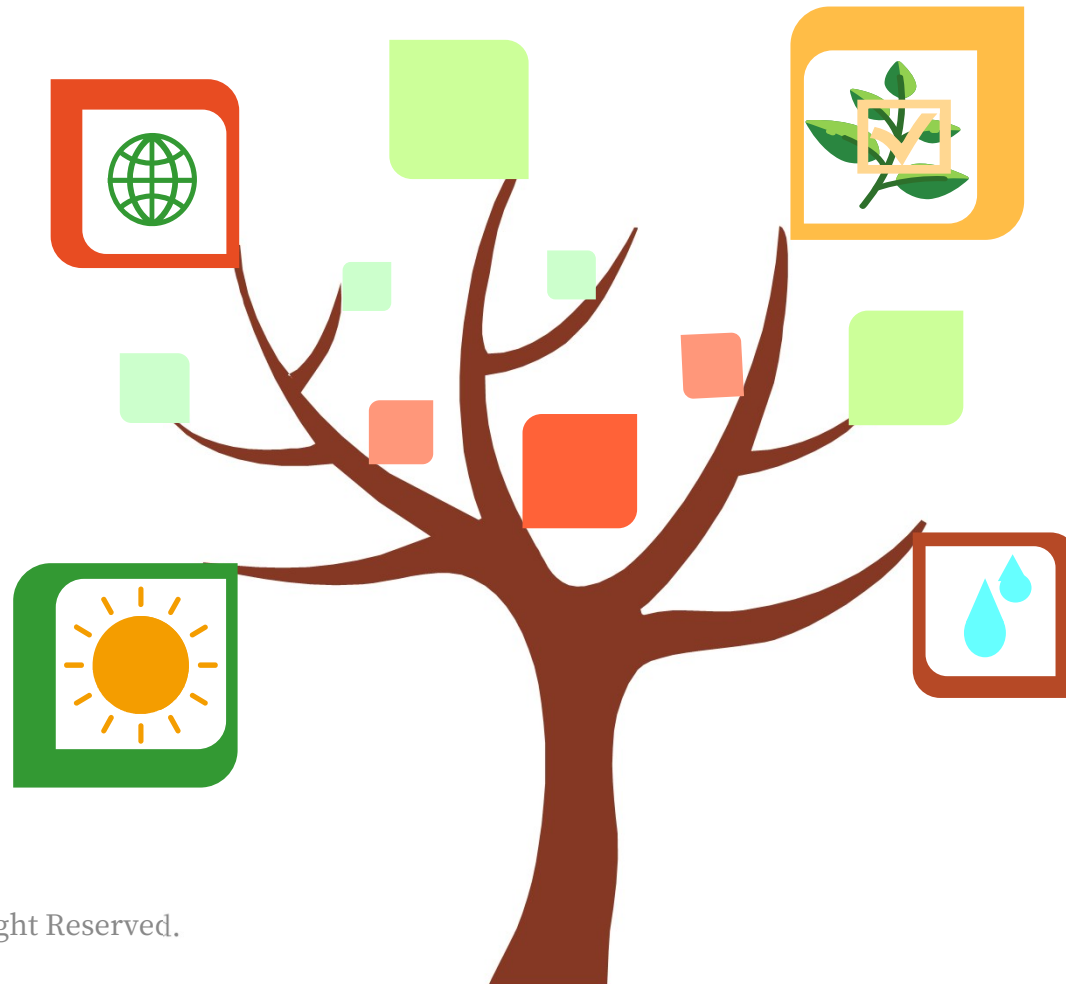
# Renewable Energy Construction

2021

Purchase Taiwan Renewable Energy Certificate (T-REC)

2012

Installation of solar panels on the roof of the factory



2023

Start to use T-REC

2022

reclaimed water accounts for over 84% of water using

# ESG 6R

## ◆ Recovery

Waste heat vapor from the use of CSC process



## ◆ Replace

Chemical safety management  
Process in accordance with international standards



## ◆ Renewable

Renewable copper sulfate solution



## ◆ Reduce

Waste sludge reduction



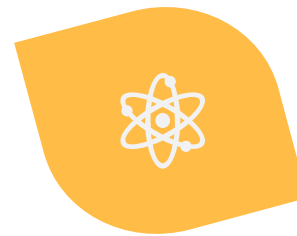
## ◆ Recycling

Water recycling



## ◆ Repurpose

Sludge reuse treatment



# ESG Results of LCYT

◆ Energy saving

◆ Reduction of water

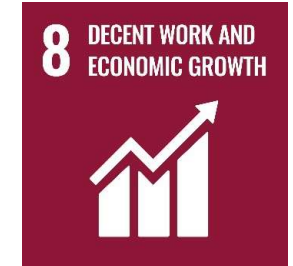
◆ Reduction of waste sludge

◆ Enhance the purity of recovered copper



# LCYT in the PCB Value Chain

◆ The Trusted Green  
Electronic Materials Partner  
for a Smarter World



# Q & A

- ◆ Spokesperson : Paul Chen
- ◆ Acting spokesperson : Stanley Kung
- ◆ Deputy general manager : Caleb Lee
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- ◆ Website : [www.lcyt.com.tw](http://www.lcyt.com.tw)



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