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## **01 L&K Introduction**

## **02 Operational Summary**

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## **04 Financial Summary**

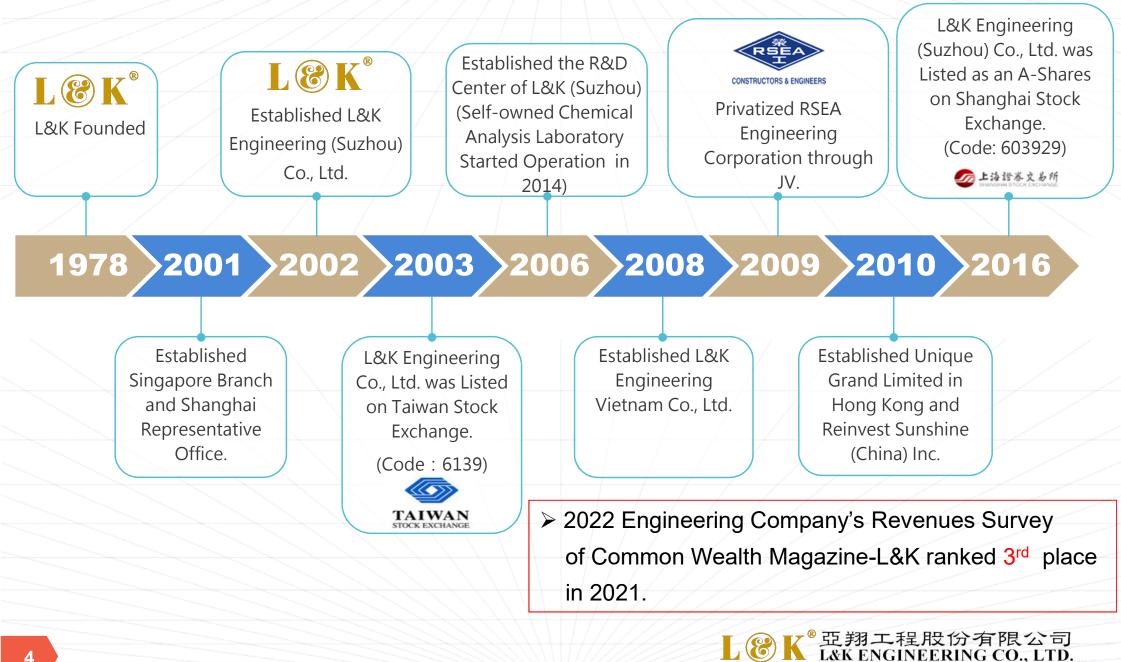
# L&K Introduction

Innovation. Leadership. Professionalism. Waste Reduction. Responsibility

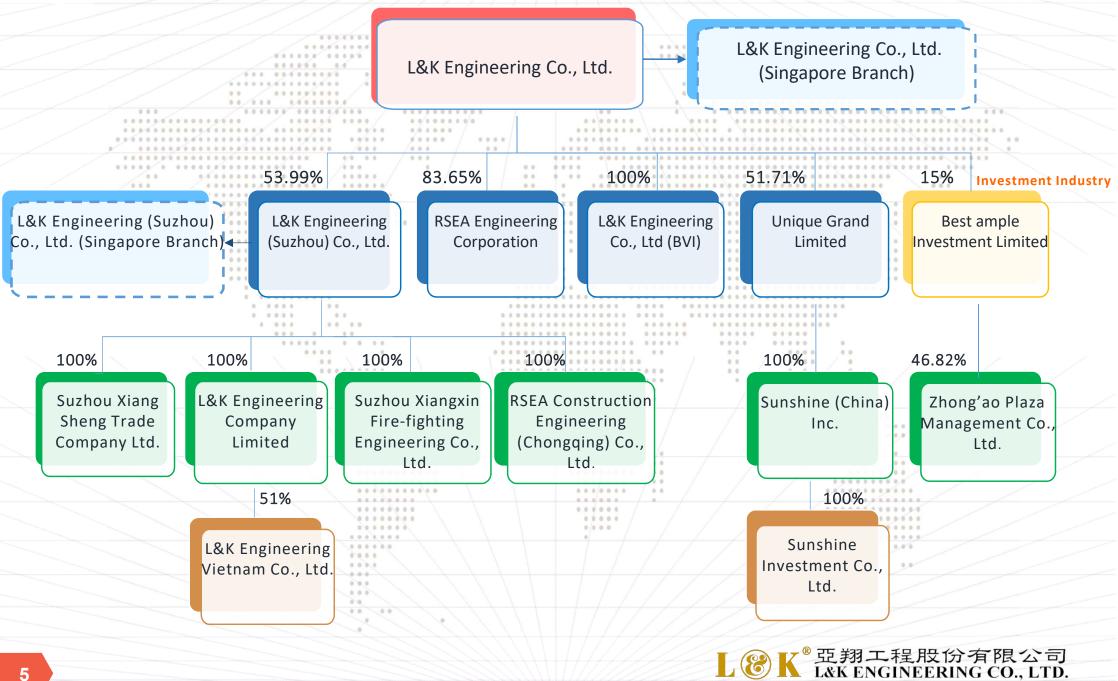
In the past, we got a foothold in Taiwan. Nowadays, we strive to expand our business in China. Future, we expect to service the whole Asia.



## History and Growth



#### L&K Group and Affiliates

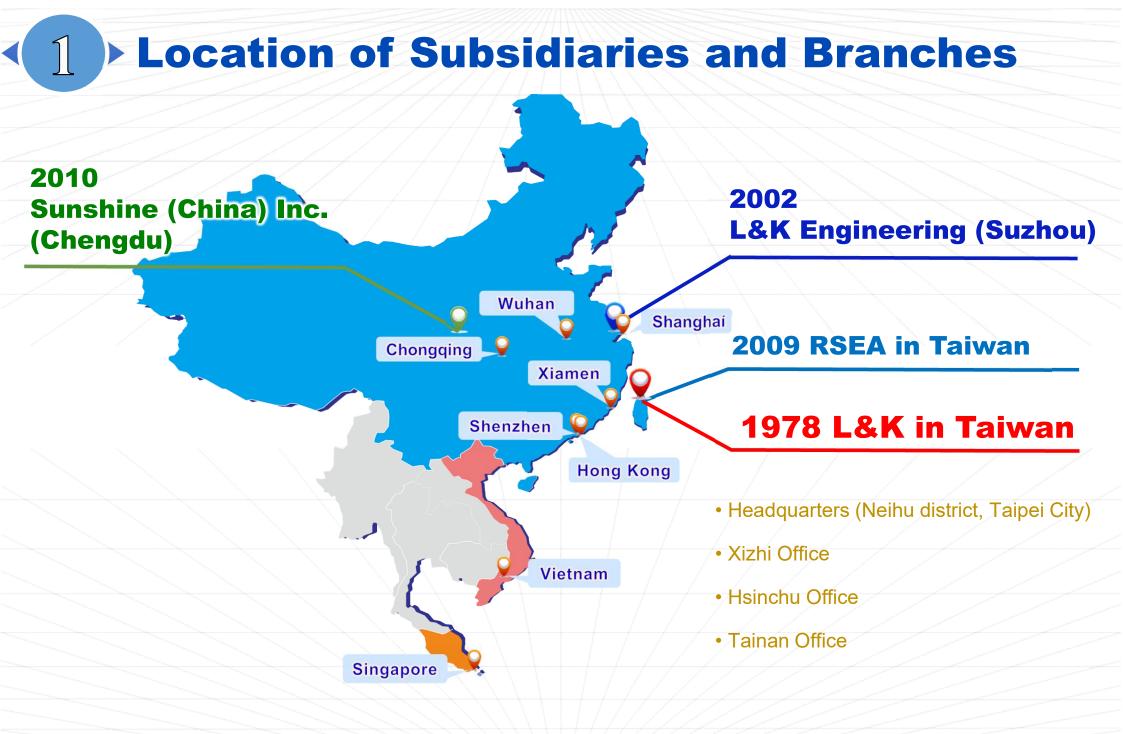


## **1** Company Overview

Company	• L&K Engineering Co., Ltd.	RSEA Engineering Corporation	<ul> <li>L&amp;K Engineering (Suzhou) Co., Ltd.</li> </ul>	• Sunshine (China) Inc.
Profile	<ul> <li>Founded by Yao Chu Shiang (Kenneth Yao) in 1978.</li> <li>Listed on Taiwan Stock Exchange in 2003, Stock Code 6139</li> </ul>	<ul> <li>Founded by Veterans Affairs Commission of Executive Yuan, R.O.C in 1956.</li> <li>Joint-venturing with L&amp;K Engineering Co., Ltd. in Oct. 2009.</li> </ul>	<ul> <li>Founded by Yao Chu Shiang (Kenneth Yao) in 2002.</li> <li>Listed on Shanghai Stock Exchange in 2016, Stock Code 603929.</li> </ul>	<ul> <li>Reinvested through Unique Grand Limited by L&amp;K Taiwan in 2010.</li> </ul>
Capital	<ul> <li>NT\$ 3.5 Billion (Paid-in Capital is NT\$ 2.255 Billion)</li> </ul>	<ul> <li>NT\$ 5 Billion (Paid-in Capital is NT\$ 3.228 Billion)</li> </ul>	• CNY \$ 213.36 Million	• US\$99.8 Million
Service Scope	<ul> <li>EPC Turnkey (Design, Procurement, Construction)</li> <li>Clean room Construction and Products Manufacture</li> </ul>	<ul> <li>Comprehensive Construction Enterprises and Construction Management</li> </ul>	<ul><li> EPC Turnkey</li><li> MEP Installation Class 1</li></ul>	<ul> <li>Development and construction of tourist facilities</li> <li>Natural ecological science and engineering research and development</li> <li>Development and research of energy saving technologies for green resources</li> <li>Corporate and Engineering Management Consulting</li> <li>Environmental Protection Information Service</li> </ul>
Employee	• 491 Employees (as of Nov.2022)	<ul> <li>2,740 Employees (as of Nov.2022)</li> </ul>	<ul> <li>770 Employees (as of Nov.2022)</li> </ul>	• 45 Employees (as of Nov.2022)
Phone	• +886-2-2691-9099	• +886-2-8691-7366	• +86-512-67027000	• +86-028-67778813
Website	• http://www.lkeng.com.tw	<ul> <li>http://www.rseaec.com.tw</li> </ul>	• http://www.lkeng.com.cn	

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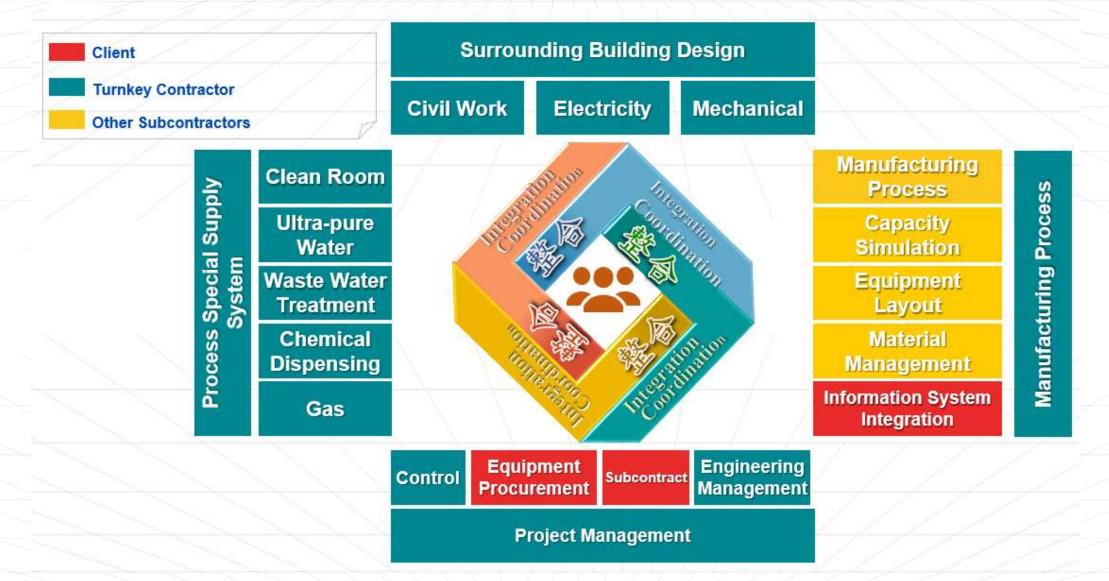
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## **Scope of Marketing Industries**

With More Than 44 Years Engineering Experiences, L&K has Progressively Expanded Our Scope of Services Which are Including Hospitals, Pharmaceutical Plants, Commercial Buildings, Residential Buildings, Solar Cell and Module Plants, Solar Energy, Semiconductor Facilities, Optoelectronic Plants, Utility Plants, Petrochemical Plants, ESCO Services, etc.

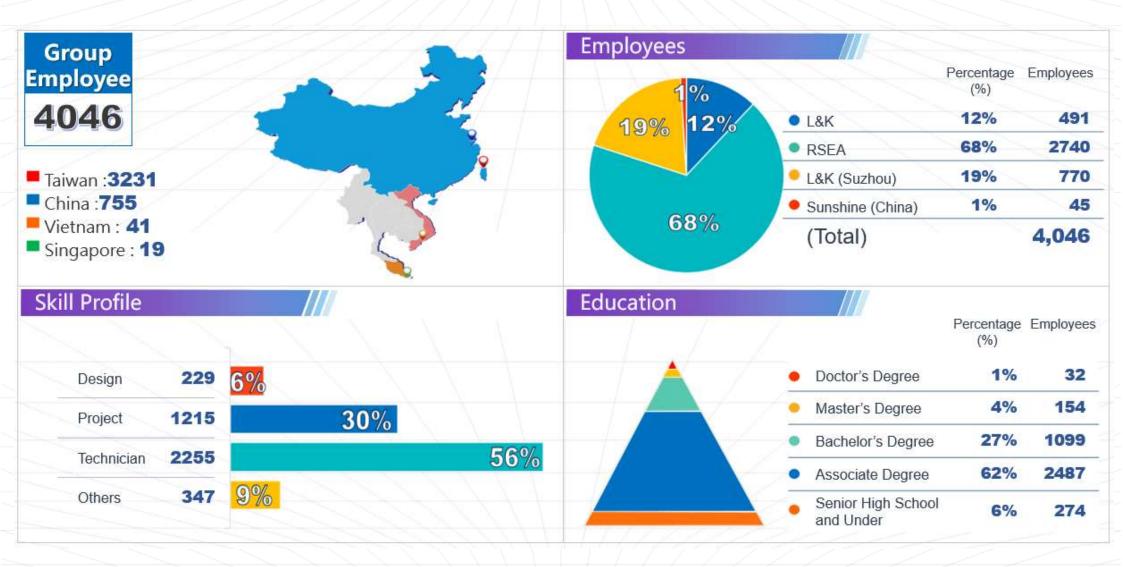


### **Interface Management and Integration** - Full Plant Service



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## 1 Group Employee Skill Profile



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Department of Rapid Transit Systems, Taipei City Government (the First District Project Office) - Taipei Performing Arts Center Theater Equipment Phose One (TP4)



National Biotechnology Research Park Turnkey Project







Nanya Technology Corporation-FAB 3AN Clean Room Expansion Project (3AN/3AN P9-1) Macronix International Co., Ltd.-FAB5 MEP Expansion Project FAB5 BAY29/30 Cleanroom Construction Project



Taiwan Semiconductor Manufacturing Co., Ltd.-F18 P1/P2/P3/P4/P5/P6/P7 Underground Piping Systems Package



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TSMC Nanjing Company Limited 12 "Wafer Fab PHASE 1 Expansion and the New Manufacturing Line (First Plant Decorating Engineering ) EPCM



Semiconductor Manufacturing South China Corporation -2022 SH FAB8-P2 Expansion Project (P1) Plant Renovation and Expansion Project - Clean Room General Electromechanical System & Power Engineering



INNOTRON MEMORY CO. LTD. -Y2020BP Power Station Expansion Project 40K Power System Expansion Project Expansion of Small Line Substation Small Line Bulk Gas Main/ Submain Expansion Project

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Zhejiang University Hangzhou International Science and Technology Innovation Center Project-Phase I EPC Project General Contract Micro-nano Ultraclean Laboratory Platform Phase I Design and **Construction Integration Project** 

General Distribution Package P1-2



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Qingdao Kore Semiconductor Co., Ltd. -High-end Sealed and Tested Workshop Project Clean Room System Engineering

Tripod (Hubei) Electronic Co., Ltd.-MEP Project/ HAVC Project /ARCH Project



Hongqisheng Precision Electronics (Qinhuangdao) Co., Ltd. - A08 Extension (Phase II) Architecture Project



Hong Heng Sheng Electronical Technology (Huaian) Co., Ltd. -ZA03(phase II) CR Project

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Mianyang HKC Optoelectronics Technology Co., Ltd. -8.6 TFT CR1 Project

Changsha HKC Optoelectronics Co., Ltd. 8.6 TFT CR1 Project Power Hook Up Project

Shenzhen China Star Optoelectronics Semiconductor Display Technology Co., Ltd. –Phase2 Secondary Package of the 11<sup>th</sup> Generation of New Ultra High Definition **Display Device Production Line Project** 

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Civil Works of EPCC Project for Full Containment LNG<sup>T</sup>-105 Storage Tanks, Taichung LNG Plant Phase II Expansion 化天然氟 Program







Contract T215: Construction of Mount Pleasant Station and Tunnels for Thomson Line

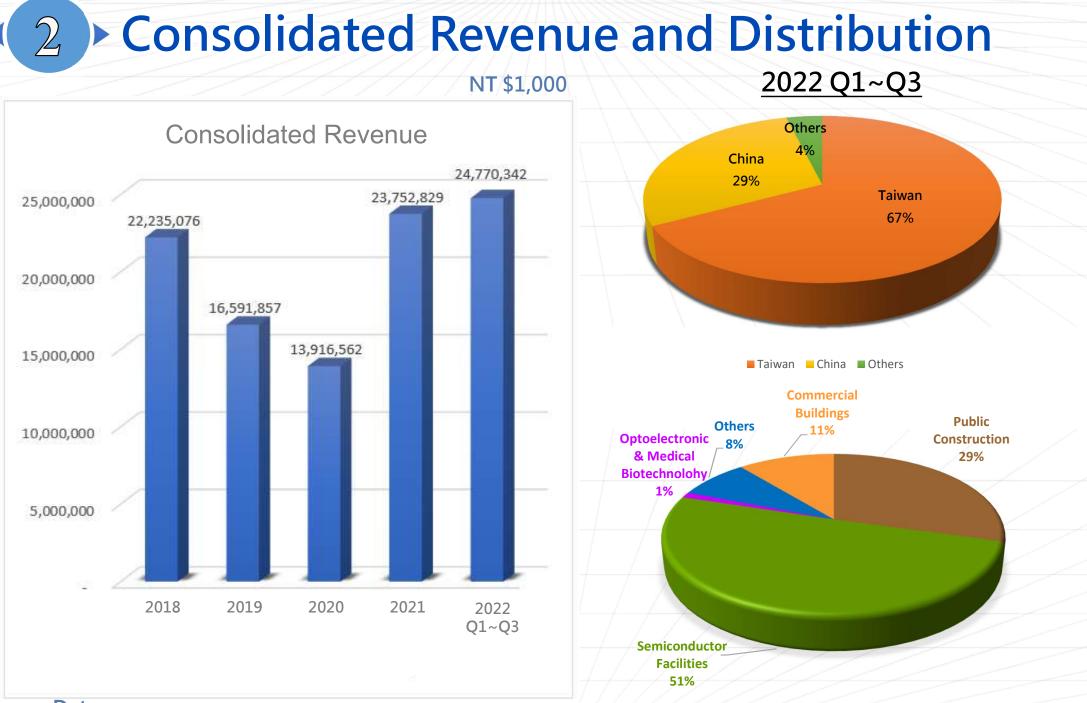
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# **Operational Summary**

Design 

Procurement 
Construction 
Performing 
After-sales Service ...





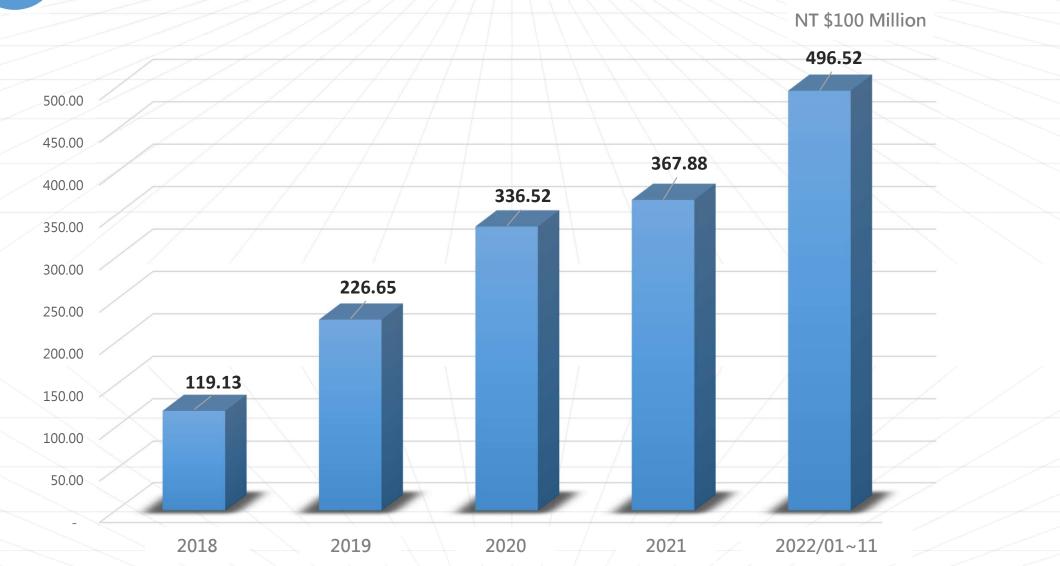
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#### Data source :

Audited and certified report and Independent Auditors' Review Report by a certified public accountant.

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## 2 Annual Contract Amount



◆The total amount of new contracts is NT\$49.652 billion. (as of November 30<sup>th</sup>, 2022)
 ◆The balance of not under construction contracts is NT\$117.678 billion.
 (As of November 30<sup>th</sup>, 2022)

## Major On-going Project – Taiwan

Client	Project
1.Utility Plants -Mass Rapid Transit Project	
Department of Rapid Transit Systems, New Taipei City	/ San-Ying Line MRT Project (D&B)
South District Project Office, Department of Rapid Transit Systems, Taipei City Government	Wanda-Zhonghe-Shulin Line Project Phase 1 Contract No.CQ850
2.Utility Plants - Railway/ Highway Project	
Railway Reconstruction Bureau, MOTC	Railway Technology Research and Verification Center Civil Engineering for C1, C2 Factory of Test and Verification Equipments
Railway Reconstruction Bureau, MOTC	Kaohsiung Station Canopy (Roof Truss) Project
Railway Reconstruction Bureau, MOTC	AACL212 Kaohsiung Railway Underground (Cut and Cover Construction) Project
3. Utility Plants - Water Environment and Energy Project	
Taiwan Power Company	Coal Storage Silo System (D&B) Project, Talin Power Plant Renewal Program
CPC Corporation, Taiwan	Engineering, Procurement, Construction Project of the Terminal Facilities and Piping System for Taichung LNG Plant
4. Utility Plants -Zone Expropriation	
Land Administration Department, New Taipei City Government Land Administration Department, New Taipei City Government	Contract 1-1, Xin-Tai Yuzizhen Area Urban Land Readjustment and Development Project, New Taipei City Contract 1-2, Xin-Tai Yuzizhen Area Urban Land Readjustment and Development Project, New Taipei City
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## Major On-going Project – Taiwan

Client	Project			
5. Utility Plants –Construction Project				
Taoyuan International Airport Corporation Ltd.	Civil and Architecture Construction Tender for Terminal Building, Taiwan Taoyuan International Airport Terminal 3 Area			
New Construction Office, Public Works Department, Taipei City Government	General Building and Underground Parking Lot Project, Taipei Jingmei Girls High School			
Taiwan Life Insurance Co., Ltd.	Taiwan Life C3 Project(Main Contractor Project Of Taipei City Nangang District Jingmao Section Land serial no.15 Superficies)			
Taiwan Obayashi Corporation, Farglory Construction, Obayashi Corporation Taiwan Branch Joint Venture	Taipei Dome Complex-Large Indoor Stadium Project - Mechanical & Electrical Construction			
6. High-Tech Plants				
Taiwan Apple LLC, Taiwan Branch	LY3 L30/L40 clean room phase 1 expansion project			
Photronics DNP Semiconductor Mask Corp.	PDMC 1D-Construction Project (Phase II)			
Samsung C&T Corporation Taiwan Branch	Taiwan Taoyuan International Airport Terminal 3 Area – External M&E and T3 Temporary Electrical Work			
Powerchip Semiconductor Manufacturing Corporation	PSMC P5 – Clean Room Construction Project Phase I (20K/25K)			
United Microelectronics Corp.	FAB 12A L6 Clean Room and MEP Turnkey Project			
Taiwan Semiconductor Manufacturing Co., Ltd.	F14P8 underground piping system (Tainan Science Park)			
Nan Ya Printed Circuit Board Corporation	Shulin Plant-Clean Room & HVAC System / Shulin Plant I -Clean Room System (Phase II)			
Taiwan Semiconductor Manufacturing Co., Ltd.	RD Center underground piping package (Hsinchu Science Park )			
Macronix International Co., Ltd.	FAB5 Bay29&30 Phase I MEP Expansion Project			
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## 2 Major On-going Project – China & Overseas

Client	Project			
1. Wafer Industry				
SMIC Jingcheng Integrated Circuit Manufacturing (Beijing) Co., Ltd.	2021 BJ Fab3 P1 Plant Construction Project Cooling Water Process Vacuum and Vacuum Cleaning System Engineering			
Hangzhou Fullsemi Semiconductor Co., Ltd.	12-inch Analog IC Chip Production Line Project (Phase I) Clean Project			
HeJian Technology (SuZhou) Co., Ltd.	87.7k Capacity Expansion Factory Expansion Project and New Warehouse WH3 Mechanical and Electrical Installation Project			
Yangtze Memory Technologies Co., Ltd.	National Memory Base Project (Phase I) FAB 2 & Building/MEP - EPC Project			
Yangtze Memory Technologies Co., Ltd.	FAB 2 - Process Piping Installation Project (Package A).			
Fujian Jinhua Integrated Circuit Co., Ltd.	JHICC 20K HOOKUP-ELEC/HVAC/WW			
Semiconductor Manufacturing International ( ShenZhen ) Corporation	2021 SZ FAB 6 - Xiangmihu Project - EXH System Expansion Project			
United Semiconductor (Xiamen) Co., Ltd.	32K Clean Room Expansion Project and Hot and Cold Water System Expansion Project			
ChangXin Memory Technologies,Inc.	12-inch Memory wafer Manufacturing Base Phase II Project Clean Room Package B			
Wuhan Chuxing Technology Co., LTD	Chuxing Electronic Products Production Project Phase I Production Facilities Project F01 Clean Package Project			
Semiconductor Manufacturing South China Corporation	2022 SH Fab8-P2 Expansion Project (P1) Factory Renovation and Expansion Project - General Electromechanical System Engineering of Clean Room, Power System Engineering, PCW-PV-HV System Engineering			
SMIC integrated circuit manufacturing (Beijing) Co Ltd.	, 2021 BJ Fab2-P1 Risk Improvement - High Dry Variable Load Improvement Project, VCB Replacement Project			
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## 2 Major On-going Project – China & Overseas

Client	Project				
2. Panel Industry					
Zhejiang Taijia Photoelectric Technology Co., Ltd.	Made in China 2025 Industrial Park Construction Project (Phase II Project) EPC General Contract Project				
Huizhou China Star Optoelectronics Display Co., Ltd	Module Tianchi Project Secondary Package				
Shenzhen China Star Optoelectronics Technology Co., Ltd.	t2 Large 50K PH1-M1B Clean Package Project, PH2 PHL Transformation Project Clean Package				
3.Others					
Leading Interconnect Semiconductor Tecgbikigy ( Shenzhen ) Co., Ltd.	SL01 Phase I - Power House Project and Interior Decoration Work				
Photronics DNP Mask Corporation Xiamen	Workshop 1 (F1) P2-1 Expansion Decoration Engineering Equipment Installation				
QING Ding (HUAI AN) Technology Holding Limited	PCB Plant (Phase I) MEP Project				
4. Overseas					
United Microelectronics Corporation (Singapore Branch)	UMC FAB 12i P3/P4 EPC Project				
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# **Strategy and Prospect**



## 3 Taiwan Market

### **Public Construction**

### Railway and Road Construction

- -North and South section of the Circular Line (Taipei Metro)
- -Wanda-Zhonghe-Shulin Line Project Phase II
- -Taoyuan Metropolitan Area Railway Underground Plan
- -Kaohsiung Metropolitan Area MRT Yellow Line(Contract YC01)- Civil Work Turnkey Project
- -Kaohsiung Metropolitan Area MRT Xiaogang-Linyuan Line(Contract RLC01)- Civil Work Turnkey Project
- -Taoyuan Airport MRT Added A14 Station
- -Taoyuan MRT Green Line and Extend to Zhongli
- -Chiayi City Railway Elevated Plan(Contract C613)
- -" New Road of National Freeway 10- Ligang Interchange to Xinwei Scenic Bridge" -Ligang to Meinong (0K+000~9K+860) Project

### Military Barracks Construction

-Air Force FOO1 Turnkey Project

### Harbor Engineering and Energy Engineering

- -Kuantang Terminal-Process Equipment and Piping System Turnkey Project
- -Dalin Petrochemical Storage Center-Tank Car Loading and Unloading Plant Turnkey Project

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-Taichung Port-Wharf No. 37 & 38 New Construction Project

## 3 > Taiwan Market

### **Commercial Building**

### Commercial Building

- -Taoyuan International Airport Corporation Ltd. -Office Building New Construction Project
- -Taipei Municipal Xisong Elementary School (Songshan District, Taipei City) -Student Activity Center New Construction Project
- -Mechanic Building and Student Dormitory-Land Renovation Project
- -Taiwan High Court and Taiwan Taipei District Court Moved to Huashan Judicial Park New Construction Project

### **High-Tech Plants**

- Semiconductor Manufacture(Silicon Wafer, Foundry, RAM, Equipment)
- > High-end Circuit Board and IC Substrate
- > Biomedical Pharmaceuticals and Vaccines
- Clean Energy
- Data Center



## 3 China Market

### **High-Tech Plants**

Presently, L&K Engineering (Suzhou) Co., Ltd. has focused on the market of semiconductor industry, PCB industry and display screen industry. The market of the investment in construction of clean room related projects in 2022 is pretty well.
 However, because the United States strengthened the technology blockade against China in October, it tends to be cautious on the semiconductor related market in 2023.

### **Southeast Asia**

The impact of the technology blockade by the United States has actually promoted the front-end semiconductor manufacturing to set up factories in Southeast Asia. Besides, the investment from Taiwan-funded and China-funded electronics manufacturers has got better and these will increase the demand of building plants of the supply chain. L&K Engineering (Suzhou) Co., Ltd. has run well in Singapore and Vietnam, and it's expected to be rich harvest in 2023.

## 3 China (Chengdu) Market

### The subsidiary-Sunshine Enterprise Group

- The subsidiary, Sunshine Enterprise Group, was established in Chengdu City, China, and mainly located in the core area of Tianfu Agricultural Expo Park, Chengdu City, which Sunshine industrial Co., Ltd. holds 617.6 are for commercial land and Sunshine Investment Co., Ltd. holds 3,374 are for Residential and commercial land. The market value of the land held by Sunshine Enterprise Group is much higher than the book cost. We expect to do the rolling development in stages, participate in the future development of the local region, and create a return on investment for the company.
- At present, due to the pandemic and the correction stage of the real estate market, we're waiting for the right time to develop.







### 2022 Q3 Consolidated Statements of Comprehensive Income

NIT ¢1 000

亞翔工程股份有限公司 L&K ENGINEERING CO., LTD.

	NI \$1,000					
	2022/09/30	2021/09/30			YOY	
Operating Income	24,770,342	100%	15,249,070	100%	62%	
Gross Profit	1,878,119	7.6%	896,447	5.9%	110%	
Operating Expenses	(684,444)	2.8%	(844,099)	5.5%	-19%	
Net Operating Income	1,193,675	4.8%	52,348	0.3%	2180%	
Income before Income Tax	1,164,181	4.6%	151,417	1.0%	669%	
Net Income	860,610	3.4%	128,674	0.8%	569%	
Net Income Attributable to the Parent Company	686,752		148,950			
Basic Earnings Per Share(Dollar)	3.04		0.66			
Data source :		$\mathcal{M}$				

Data source :

Audited and certified report and Independent Auditors' Review Report by a certified public accountant.

### 2022 Q3 Consolidated Balance Sheets

NT \$1,000

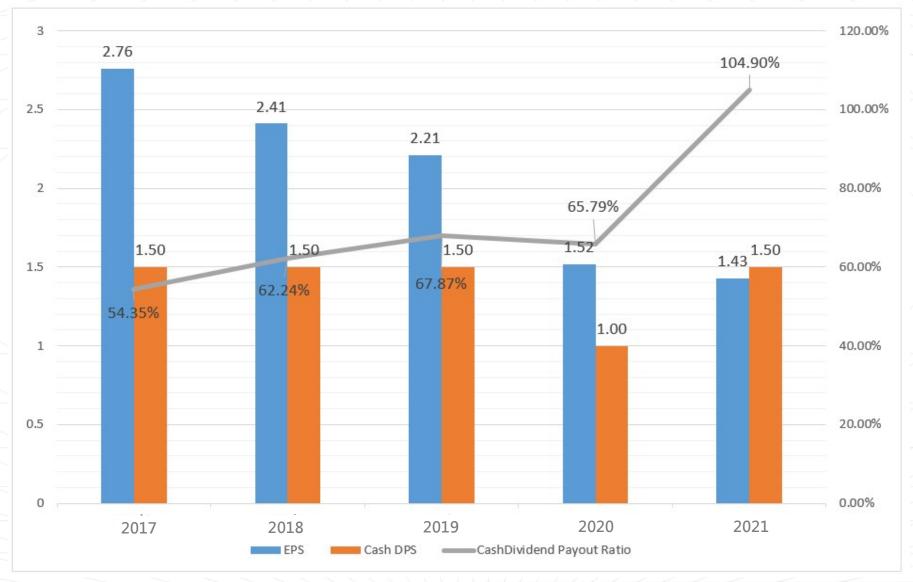
	111/09/30	110/09/30		111/09/30	110/09/30
Liquefiable Assets	19,086,282	9,557,153	Current Liabilities	14,543,500	11,485,922
Receivables to Customers on Construction Contracts	11,911,629	11,718,304	Contract Liability	10,817,179	4,696,004
Other Financial Assets - current	3,588,351	3,360,712	Long-term Borrowings	1,237,570	1,361,148
Property, Plant and Equipment	837,820	760,739	Other Non-current Liabilities	535,120	437,942
Right-of-use Asset	2,791,541	2,719,585	Total Liabilities	27,133,369	17,981,016
Other Non-current Assets	1,385,216	914,124	Total Shareholders' Equity	12,467,470	11,049,601
Total Assets	39,600,839	29,030,617	Total Liabilities and Equity of	39,600,839	29,030,617

Data source : Audited and certified report and Independent Auditors' Review Report by a certified public accountant.

### **Dividend policy**

NTD

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#### L WK 亞翔工程股份有限公司 L K ENGINEERING CO., LTD.

# Q & A

