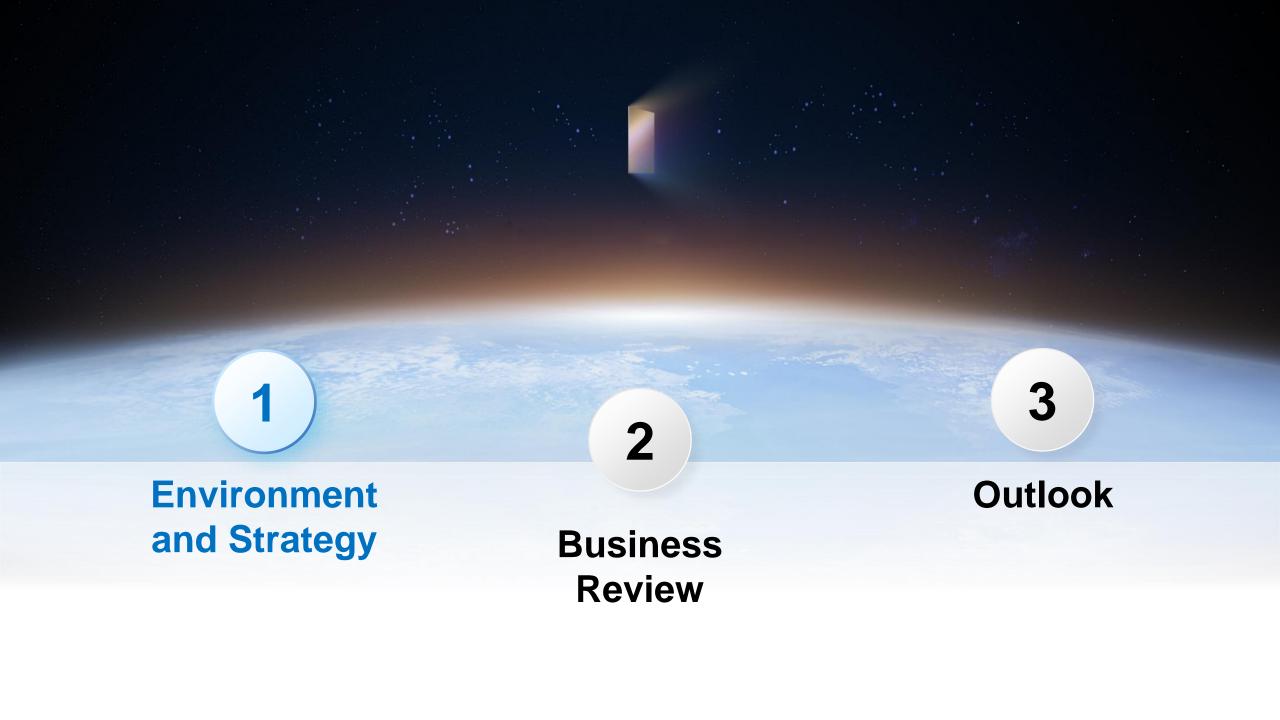
# TCL

# 2022 Annual Results

TCL电子控股有限公司
TCL ELECTRONICS HOLDINGS LIMITED

Incorporated in the Cayman Islands with Limited Liability (Stock Code: 01070.HK)

# INSPIRE GREATNESS





## Industry Opportunities | The spatial growth of intelligent device industry tends to be stable, but it is still the main battlefield. New track opportunities emerge



## The space of intelligent device industry is stable

The global scale of household appliances is expected to reach RMB 1.4-1.6 trillion yuan in 20271

Unit: RMB



#### Shipment of TCL smart screens ranked Top 2 in global<sup>2</sup>, with market share reaching 11.7%

| TCL's market share | Region   |  |  |
|--------------------|--|--|--|
| ≥14%               | China, North America, Latin America            |  |  |
| ≥10%               | Eastern Europe, Asia Pacific (excluding Japan) |  |  |
| ≤10%               | Japan, Western Europe, Central and East Africa |  |  |





Refrigerator 300 billion<sup>1</sup>



Washing **Machine** 300 billion<sup>1</sup>



Target market of mobile phone 180 billion<sup>1</sup>

Global scale continues to consolidate



Target market of smart commercial display 70 billion<sup>1</sup>

Steady growth, but fragmented industry

## **Exploring new growth space**

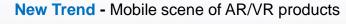


New energy - Photovoltaic, energy storage products and solutions

Forecast of newly installed PV capacity worldwide<sup>3</sup>



In 2026 346**GW** 





Global revenue and user forecast of AR hardware industry in 20264







New Space - Hotel/community/building, etc. **Business-end scenarios** 

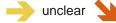
New scene - Large product item of new intelligent hardware (Intelligent microprojection, home security, etc.)



## Regional opportunities | Emerging countries may have relatively faster growth; China and the US have higher possibility to emerge from the trough first. The relative outlook for Europe is uncertain

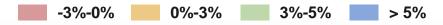








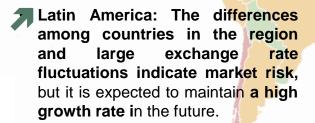
Global economy growth forecast<sup>1</sup>





**US:** With monetary policy gradually tightening, inflation is expected to gradually come under control, with the possibility of first rebound, but the overall demand side is likely to remain restrained.

Europe (excluding Russia): Due to geopolitics, US interest rate hike and other influences, it may enter a recession, and future economic growth prospects are uncertain.



Africa: From a low starting point, it is expected to have faster growth in the next five years, but its size is still small.

Russia: Due to the geopolitical impact, a high probability of short-term recession is expected with its long-term outlook unclear.



China: the relaxation of pandemic prevention facilitates the social society to back to normal; Positive policies stimulate the recovery of householdappliance-related industries, such as real estate and consumer industry.

South Asia, Southeast Asia: It is expected to become the main growth driver of the world in the next five years.







# Strategies | Centering on corporate strategy, focus on core business profitability and new business growth to enable the long-term development of the Company



Value Led by Brand with Relative Cost Advantage, Ultimate Efficiency Management and Collaborative Innovation

Focus on penetration with mid-to-high end, overseas markets and new track breakthrough

#### **Internet Business**

Take user's experience as the core with continuously stable profit contribution

The PRC Internet

**International Internet** 



# **Structure**



## **Display Business**

Continue to increase global market share, propel the strategy of large size and mid-to-high end, and achieve high-quality growth

**Large-sized Display** 

**Small-and-Medium-Sized Display** 

**Smart Commercial Display** 



## **Innovative Business**

The leader of the all-category, rapidly expand the scale, enabling the long-term growth of the company

**Smart Connection** 

**Smart Home** 

**All-Category Marketing** 

**Photovoltaic Business** 



**Brand** 

Retail

1 20

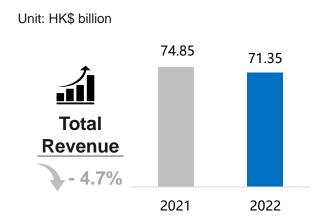


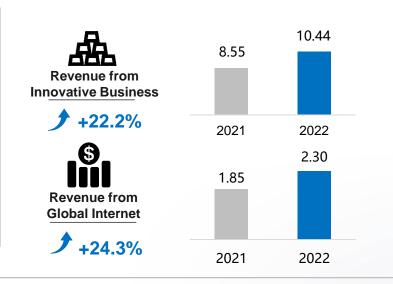




# 2022 Annual Results Highlights | Adhering to the medium-and-high-end breakthrough and international operation, the overall gross profit margin improved, the operating profit<sup>1</sup> achieved double growth

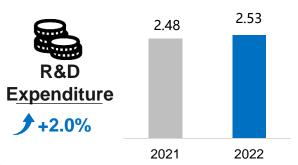




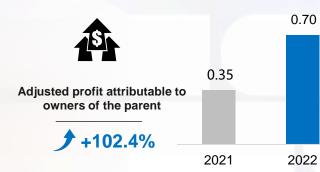




# The R&D expense ratio reached 3.5% increased by 0.2 p.p. yoy







Proposed annual dividend: HK12.70 cents per share Full-year dividend payout ratio was 45%<sup>3</sup>

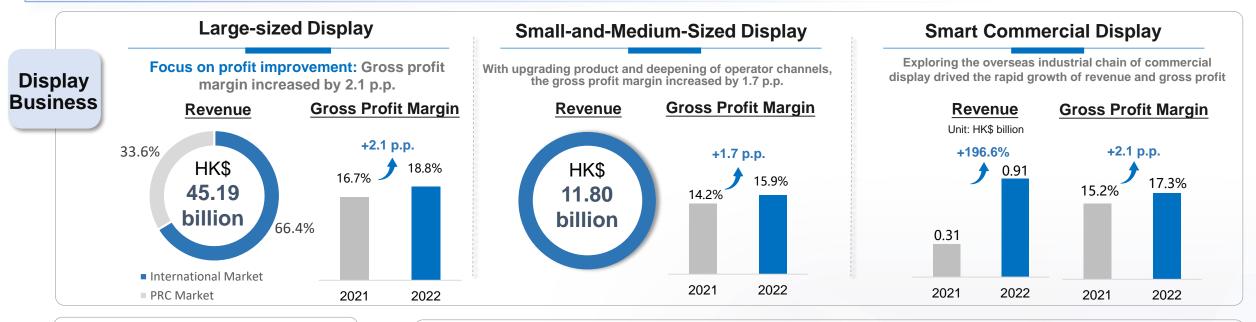
#### Notes:

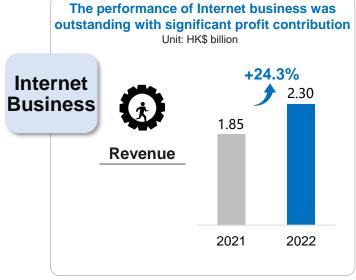
- 1. Operating profit refers to adjusted profit attributable to owners of the parent, defined as profit attributable to owners of the parent after adding back the following adjustments by using non-HKFRS measure: (i) (gain)/loss from investment company; (ii) (gain)/loss on sale and liquidation of subsidiaries; (iii) earnings related to call options and put options; and (iv) disposal of non-current assets (gains)/losses
- 2. Adjusted EBITDA is defined as earnings before finance costs, income tax, depreciation and amortisation, excluding the Group's share of profits and losses of joint ventures and associates, and excluding one-off non-operating items
- 3. Dividend is distributed at 45% of the adjusted profit attributable to owners of the parent

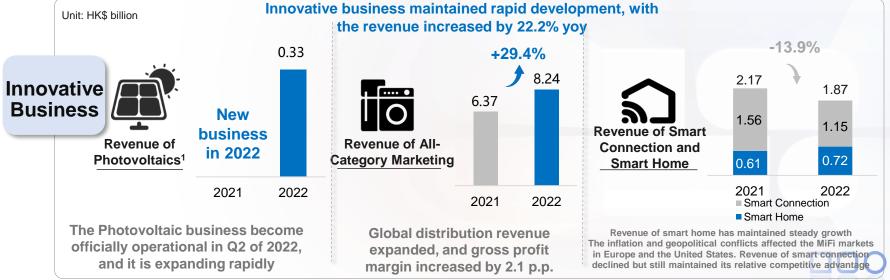


2022 Annual Results Highlights | The strategy of mid-to-high end and large-sized screens enhanced the profitability of display business, and the revenue of new business continued to grow rapidly











# 1.1 Display Business – Large-sized Display | Achieved breakthroughs in the mid-to-high end, sales performance in the PRC market was outstanding, and the global market share remained in leading places

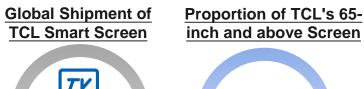




23.78 million

sets

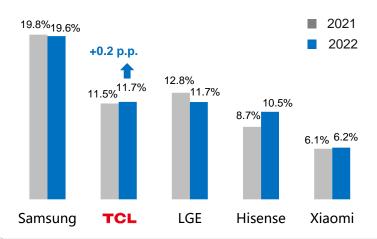
+0.8%note1

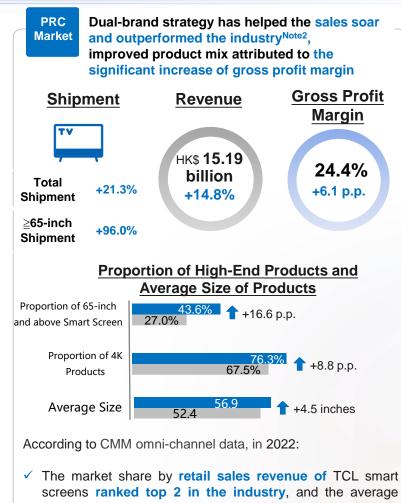




19.3%

+8.2 p.p.





- ✓ The market share by retail sales revenue of TCL smart screens ranked top 2 in the industry, and the average retail price increased against the trend by 11.3% yoy, which significantly outperformed the average level in the industry<sup>Note3</sup>
- √ The omni-channel retail sales volume of quantum dot and Mini LED smart screens in PRC market ranked No.1²

International Market

Achieved breakthroughs in product mix, gross profit margin remained steadily, smart screen ranked top 5 in over 20 countries<sup>3</sup>



# Rankings of Market Share of TCL Smart Screens in Overseas Countries<sup>3</sup>

| <b>Emerging Markets</b>                     |      | North American Markets |                            |         |
|---|------|------------------------|----------------------------|---------|
| Australia<br>Philippines<br>Pakistan        | No.1 |                        | United<br>States           | No.2    |
|   |      |                        | Mexico                     | No.4    |
| Myanmar<br>Saudi Arabia                     | No.2 |                        | Canada                     | No.5    |
| Brazil<br>Kazakhstan                        | No.3 |                        | European                   | Markets |
| , ta=a.ii.ota.i                             |      |                        | France                     | No.2    |
| Thailand<br>Vietnam<br>Morocco<br>Argentina | No.4 |                        | Czech<br>Republic<br>Italy | No.3    |
| 9   |      |                        | Poland                     | No.4    |
| Chile<br>UAE                                | No.5 |                        | Greece                     | 110.7   |
|   |      |                        | Hungary                    | No.5    |

Data Source: 1. Omdia, rankings of global brand TV shipment in 2022 2. CMM omni-channel data, data of retail sales volume in the PRC market in 2022

TCL Electronics Holdings Limited | 2022 Annual Results

<sup>3.</sup>Market share data of TV shipment in overseas countries (except North America) in 2022 is from GfK, and the market share data of TV retail sales volume in North America in 2022 is from NPD.

Note: 1. According to Omdia report, the global shipment of TV in 2022 declined by 4.8% to 203 million sets, TCL smart screen outperformed the average level of the industry by shipment.

<sup>2.</sup> According to CMM omni-channel retail data, the retail sales volume of TV in the PRC market has increased by 5.6% to 34.94 million sets 3. According to CMM omni-channel retail data, the average selling price of industry in 2022 has declined by 6.9% yoy



## 1.2 Display Business - Small-and-Medium-Sized Display | Advantage in global operator channels is prominent, by focusing on key development, business in North American markets rebounded



**European and American** first-tier network operators are fully covered











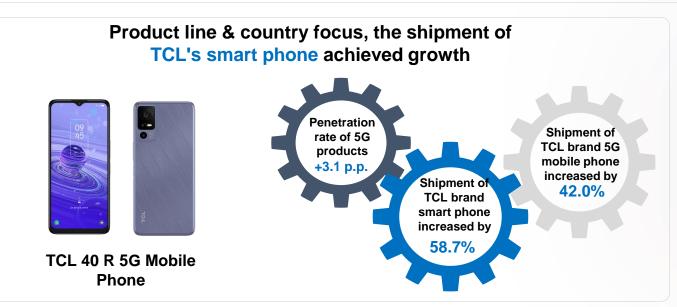


## Sales in North America continued to grow Revenue of small -and-mediumsized display in 2022 Revenue in North HK\$ 11.80 billion +20.2%

### **North American Markets**

- Revenue from **Smart Phone** +20.9%
- Revenue from **Android Tablet** +33.2%









# 1.3 Display Business - Smart Commercial Display | Focusing on interactive flat panel display (IFPD) of education and conference, the annual revenue has tripled to HK\$ 911 million



✓ Explored into the IFPD market with cooperation with DingTalk and Tencent Ecology. Cooperated with overseas leading IFPD brand by fully utilising its business integration, the volume in overseas markets increased rapidly

- ✓ Intelligent teaching platform of TCL cloud, digitizing teaching process
- ✓ Built-in environmental sensor, intelligent monitoring the teaching environment
- ✓ Teaching screen with high definition and eye protection, providing care for teachers and students' eyes
- ✓ High precision of infrared touch, smooth whiteboard writing
- ✓ Integrated design of camera, microphone and speaker, suitable for multi-scene teaching
- ✓ Front interface and key design, convenient operation
- ✓ Unique exterior design

### **TCL Smart Education Whiteboard X60**





## **Intelligent Interactive Conference Board V50**

- With the innovative and comfortable handwriting screen, write more freely and swiftly
- Wireless screen projection by using TCL Share, convenient sharing and efficient reporting
- ✓ Coordination with Tencent documents and WPS office, easy for multi-party collaboration
- √ 4K Ultra HD display with 1.07 billion rich colors
- Integrated design of camera, microphone and speaker, suitable for multiple scenarios
- Enrich the video conference ecology, and help enterprises to cooperate without boundaries
- BYOD (Build Your Own Device) solution for achieving flexible and independent working

111



# 2.1 Innovative Business - Smart Connection and Smart Home | With the global development of Intelligent and technological new categories, the Company became one of the first tapping into the AR/VR market



Smart Connection - Actively expanded its product portfolio into 4G/5G, continuously making breakthroughs in the operators channel



Smart Home — The mid-to-high-end structure of smart door lock has significantly improved, with its market share of smart door lock with large-screen peephole leading in the industry



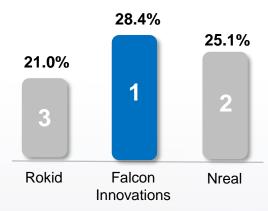
Revenue in 2022 reached HK\$ **0.72 billion**, **increased by 17.0% yoy** 

in 2022, **12** new smart door locks have been launched, with cumulative shipment of new products accounting for over **70%**, among them, the new products of mid-to-high end 10-series that were self-research and developed, have won unanimous praise from the industry

TCL 7-series door locks with large-screen peephole ranked **Top 3**<sup>2</sup> in terms of market share by online sales volume in China in 2022

# AR/XR Glasses – Market share ranked No.1 in the PRC online market





#### RayNeo X2 consumer grade AR Glasses

# Blue Bother Contraction of State Contraction of Sta

#### Lightweight appearance

Simple wireless integrated design Meet the wear needs in daily life

#### Rich application scenarios

Intelligent translation, real-time navigation, information reminder, quick photo-taking and other scenes

#### Leading technology

binocular full-color Micro-LED optical waveguide displays

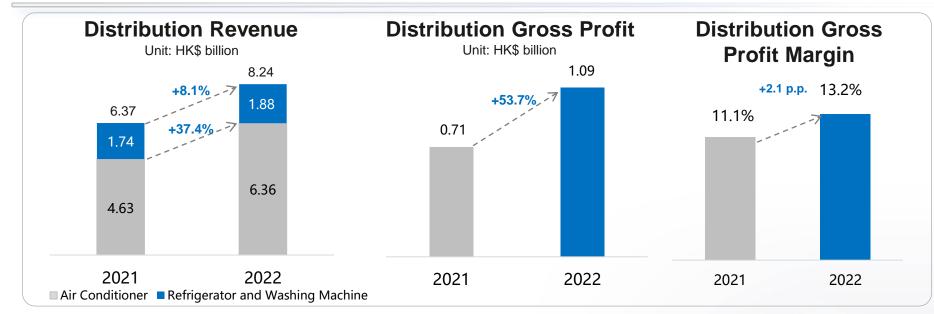
1000nits full scene display brightness + high-definition camera of 16 million pixel

Qualcomm Snapdragon XR2 professional powerful computing power + self
developed visual SLAM algorithm



# 2.2 Innovative Business – All-Category Marketing | The synergy of brand and channel accelerated the growth of global distribution scale, and gross profit margin increased by 2.1 p.p.





Ranking of TCL Air Conditioner in Global<sup>1</sup>

**No.4** 



TCL Fresh Air Series
Air Conditioner





TCL Lattice Series
Refrigerator



TCL Dual-Drum Series

**Washing Machine** 





## 2.3 Innovative Business - Photovoltaic Business | Global industry - Great market potential of distributed PV in Europe, America and China, and strong demand for energy storage in Europe

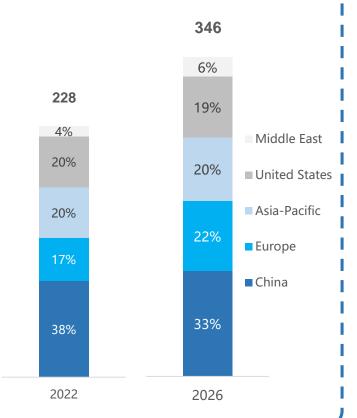


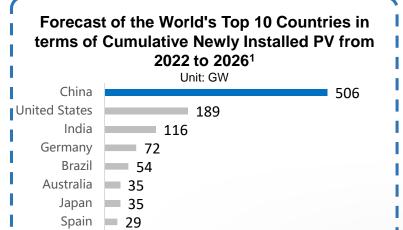


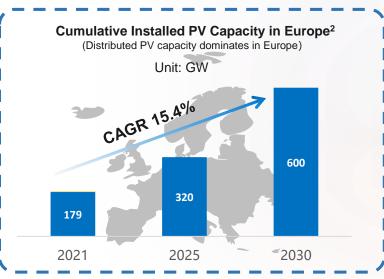
Unit: GW

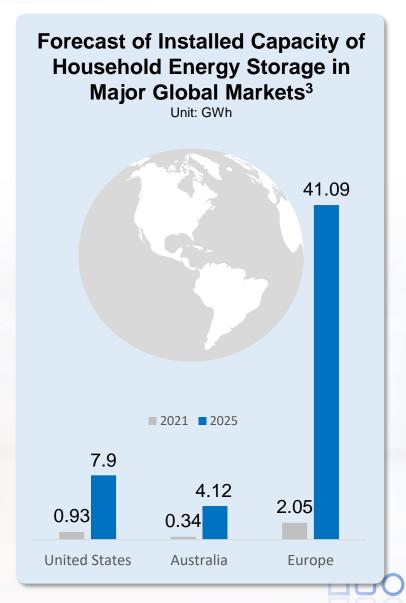
# Forecast from 2022 to 2026

**CAGR 11%** 









3. Solar Power Europe, BNEF, IEA

South Korea 26

Netherlands = 22

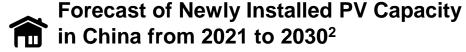


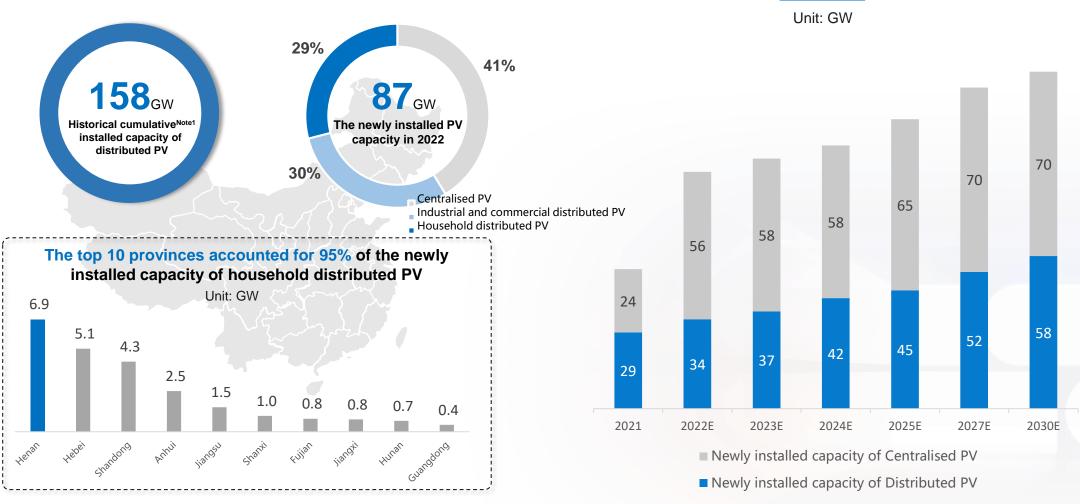
2.3 Innovative Business - Photovoltaic Business | the PRC industry - The capacity of distributed PV increased rapidly with central and southern China becoming the new incremental market in the future TCL





# The Newly Installed PV Capacity in China in 2022<sup>1</sup>





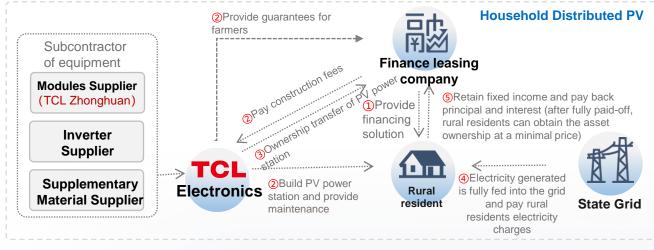
Source: 1. National Energy Administration 2. China Photovoltaic Industry Association (CPIA)

Note: 1. Cumulative data up to the end of December 2022



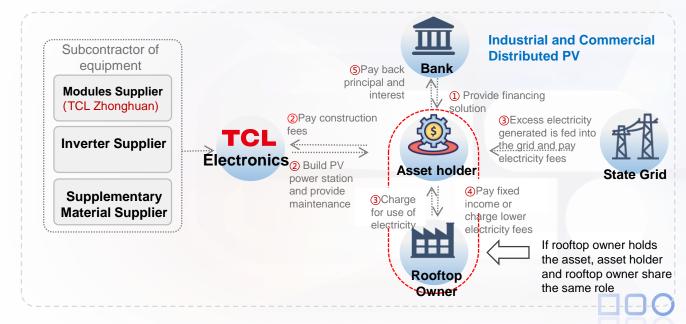
# 2.3 Innovative Business - Photovoltaic Business | Since its official operation in the second quarter of 2022, the company has accelerated the development of B-to-B and C-to-C business and continued to expand its business scale

More than 120 industrial and More than 150 new commercial projects have been signed distribution channels Built the platforms Over 8,000 rural system, covering the households have four key capabilities of ... |} signed contracts capital, engineering technology, technology system and regulation & processes, from 0 to 1 Revenue in 2022Note1 HK\$0.33 billion











# 2.3 Innovative Business - Photovoltaic Business | Relying on the advantages of the industrial chain, enable long-term growth with global outlook





- ✓ It has a complete upstream photovoltaic industrial chain and rich financial/project resources
- TCL Electronics has the advantage of being a late mover when entering distributed PV business











Crystaline

Wafer

Module

Operation experience in power station









Globally well- Ove known TCL brand in le

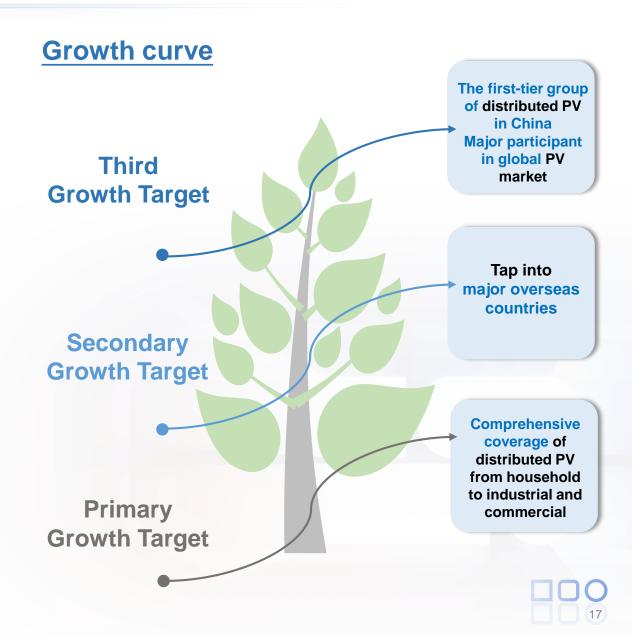
Over 47,000 shops in lower-tier cities

Advanced after-sales service system in nationwide





Sufficient industrial and commercial project resources in domestic and aboard

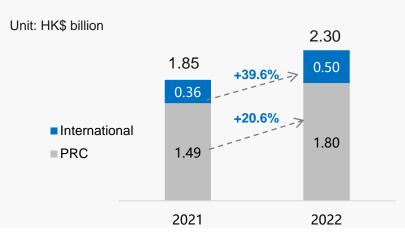




# 3.1 Internet Business | Revenue of global Internet business increased by 24.3% yoy, showing steady profitability

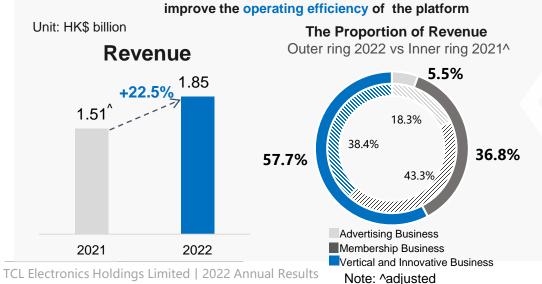


### **Revenue of Global Internet**



## Falcon Network Technology

Focus on product innovation to strengthen competitiveness, and continously



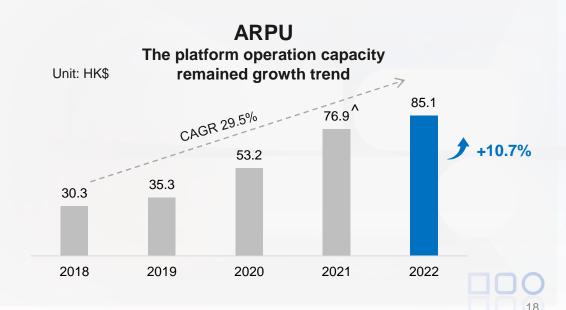
## **International Market Performance**

International Market: Equipped with third-party OTT system and operated TCL Channel content integration application platform

- ✓ Cooperate with giants like Roku, Google and Netflix, to continuously improve users experience
- ✓ Since 2021, it has been continuously receiving revenue sharing from Google's platform
- Falcon has gradually achieved breakthroughs in its overseas business model. It has accumulated a large number of overseas TCL smart screen users through its OTT platforms in cooperation, enhancing its monetisation capability. By the end of December 2022, TCL Channel had accumulated over 12million users, covering 60 countries in North America, Europe, Central and South America, and the Asia-Pacific region



Continue to deepen global cooperation with Internet giants





# 4.1 Business Highlights | Actively responded to supply chain and market changes, optimised product mix, improved management quality, and adhered to business innovation



#### Product competitiveness has been significantly improved

- Proportion of shipment of TCL smart screens ≥65 inches increased by 8.2 p.p.
- Global shipment of quantum dot/Mini LED increased by over 10% yoy
- Global shipment of TCL smart screens with high refresh rate of 120Hz/100Hz increased by 198.7% yoy¹, ranking fifth in global
- Brand index significantly increased to 120, ranked the second among Chinese TV brand<sup>2</sup>

# Product Structure

# With the leading display technology to first launch cutting-edge products

 With the world's first layout and mass production of Mini LED smart screens, TCL Mini LED smart screen ranked No.12 in terms of domestic retail sales volume.

# Excellent performance in the PRC market with outperforming the industry against the trend

- Accelerated the implementation of "TCL+ Falcon" dual brand strategy, shipment of TCL smart screens increased by over 20% yoy
- Channel structure continued to improve, with proportion of online channel for TCL smart screen increasing by 13.0 p.p. to 61.7%

# Significant cost reduction and improved turnover efficiency

- Enhanced the supply chain platform capacity with key ecology of integrated supply chain constructed
- Inventory turnover improved with 5 days shorter than last year
- Enhanced cost competitiveness via its unique vertical industrial chain

#### Accelerated the market share growth of overseas markets

- The market share in more than 20 overseas countries continued to increase<sup>3</sup>
- The market share in more than 20 overseas countries ranked
   Top 5<sup>3</sup>

#### Achieve high-quality operation growth

- Y-o-Y improvement in **profit > revenue > scale**
- Stable scale performance with adjusted profit attributable to owners of the parent doubled

# Global Internet business profit contribution was stable and significant

- Rich content of domestic platform, APRU exceeded HK\$80, CAGR in the past five years reached 29.5%
- Overseas cooperation with giants to explore new business models, in order to improve revenue sustainability

# Business Innovation

**Operation** 

Quality

# •

## Achieved development in the new track

- Officially operated the photovoltaic business in Q2 of 2022 and expanded the business rapidly
- Released AR/XR new products, with its market share ranked No.1 in domestic<sup>4</sup>
- Business scale and gross profit of all-category marketing continued to expand

Data Source: 1. Omdia, global brand TV shipment in 2022 2. CMM omni-channel data, TV retail sales volume data in the PRC market in 2022

3. GfK and NPD, market share data of TV shipment in overseas countries (except North America) in 2022 is from GfK, and the market share data of TV retail sales volume in North America in 2022 is from NPD.

4. iResearch, online sales volume data of the PRC online market in 2022



# 4.2 Business Highlights | Consolidate industry-leading R&D capabilities, uphold innovation-driven development and improve R&D efficiency



# Steadily promote research and development of display resolution quality technology, support display product matrix competitiveness

- ✓ Efficient synergy with China Star Optoelectronics Technology, continue to improve the cost competitiveness of large-sized panel, establish technical barriers
- Consolidate the first-mover advantage of technology, continue to evolve Mini LED, resolution engine, color management and other core display technologies, improve product competitiveness
- ✓ Reinforce display technology platform capability, achieve research and development efficiency improvement through public platform technology reuse

# Strengthen the connectivity capacity of smart devices, promote the development of technical standards for interconnection

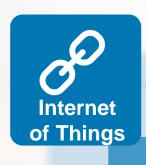
- ✓ Through capacity building of 5G communication, IoT platform, cloud services and AI fault diagnosis, improve the stability, reliability and security of terminal connections
- ✓ Oriented by user needs and experience, create ultimate experience and value for users
- ✓ Centering on the interconnection of all categories of equipment, AloT application in all scenarios and data flow between audio and video, actively construct industry standards through existing technologies to maintain the intelligent connection industry ecology

# Increase the investment in software and hardware technology platform and explore the application of intelligent scenarios

- ✓ Increase the investment in technology platforms such as image technology, operating system, artificial intelligence, electronic control and new materials, strengthen the construction of technology engineering system, and improve the core performance, operation and interactive experience of software and hardware of products
- ✓ Continue to deepen R&D investment in AR/VR and other innovative tracks, layout of new paradigm interactive entrance, and explore the Implementation of intelligent scene application











# 4.3 Business Highlights | The brand and different kinds of intelligent products were highly recognised by the global industry and consumers





#### Multiple innovation awards from European Imaging and Sound Association (EISA)

- TCL Mini LED 4K Smart Screen 65C835 won the "PREMIUM MINI LED TV 2022-2023" award
- TCL 55C735 Smart Screen won the "BEST BUY LCD TV" award
- TCL C935U Soundbar won the "BEST BUY SOUNDBAR" award

## Won multiple innovation awards at the International Consumer Electronics Show (CES)

- TCL Mini LED 4K Smart Screen 75C935 and 75C835 won the "CES<sup>®</sup>2023 Innovation Award"
- TCL X11 QD-Mini LED Smart Screen won the "Innovation Award for Mini LED Display of the Year"
- TCL 4K Mini LED Smart Screen C845 won the "Gold Award for New Generation Display Technology"
- TCL Smart Tablet NXTPAPER 12 Pro won the "Eye Care Technology Innovation Award"
- TCL NXTWEAR Air Smart Glasses won the "Most Innovative Product Award"







## reddot winner 2022

#### Smart products and innovative design won 13 iF Design Awards and 8 Red Dot Design Awards

- Air purifier Breeva Pro 400/700, TCL NXTHUB V60 conference tablet, TCL FLEX V Smart folding phone, the router TCL CPE Air, TCL P73 series Home theater Soundbar and TCL Falcon AR glasses won "iF Design Award"
- TCL QD-Mini LED Smart Screen C12E, TCL X11 QD-Mini LED Smart Screen, TCL X12 Mini LED 8K Smart Screen, TCL C series Al Television camera, TCL Fresh Air Series Air Conditioner won the "Red Dot Design Award" in Germany

# A number of scientific and technological innovation awards issued by China Video Industry Association

- TCL X11 QD-Mini LED Smart Screen won the "2022 Annual Science and Technology Innovation Award • Technology Award"
- TCL QD-Mini LED Giant-screen Smart Screen 98X9C Pro won the "2022 Annual Technological Innovation Award • Product Award"







# Falcon Innovations and Falcon AR/XR smart glasses won multiple industry awards

- The design and development of the first binocular full-color Micro LED holographic optical waveguide AR glasses won "the second Prize of the Third Science and Technology Award"
- Falcon Innovations was selected as "WISE 2022 King of New Economy, New Business Format of Metaverse TOP 30"
- Falcon Innovations was selected as "2022 Chinese AR Top 50"

#### A number of design awards from the China Household Electrical Appliances Research Institute

- TCL 16KG Double Drum washing machine industrial design project won the annual "Design Innovation Achievement Award"
- TCL refrigerator washing machine brand won the "Most Innovative Household Appliance Brand"







## 4.4 Business Highlights | Environment, Society and Governance, ESG has been rated A by Hang Seng Index for five consecutive years, showing outstanding performance



**Technology** 

Innovation

Compliance

with Law

Growth





From 2018 to 2022 ESG has been rated A for five consecutive years

#### **Overall Awards**

From 2019 to 2022

has been included in the Hang Seng

**Sustainable Enterprises** Benchmark Index for four consecutive years<sup>1</sup>

#### **ESG Performance** Comparison<sup>1</sup>

Compare with peer companies:

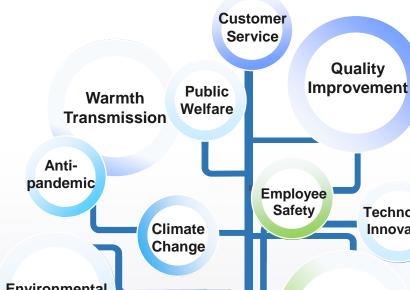
**Top 20%** 

(out of 94 companies)

Comparison with other

components: Top 20%

(Out of 575 companies)

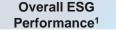


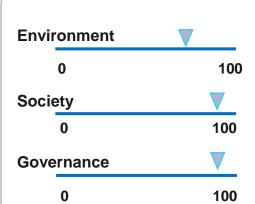
Environmental **Protection** 

Together

**Energy** Management

> Steady Development





The industry's first new embedded integrated honeycomb panel packaging scheme, reducing greenhouse gas emissions from transportation by cutting packaging thickness Manual spraying production line waste gas treatment transformation, VOCs removal rate rose to 85%, emissions reduced by 4.8 tons/year

Expand the photovoltaic business to help rural revitalisation, and propel the development of low-carbon

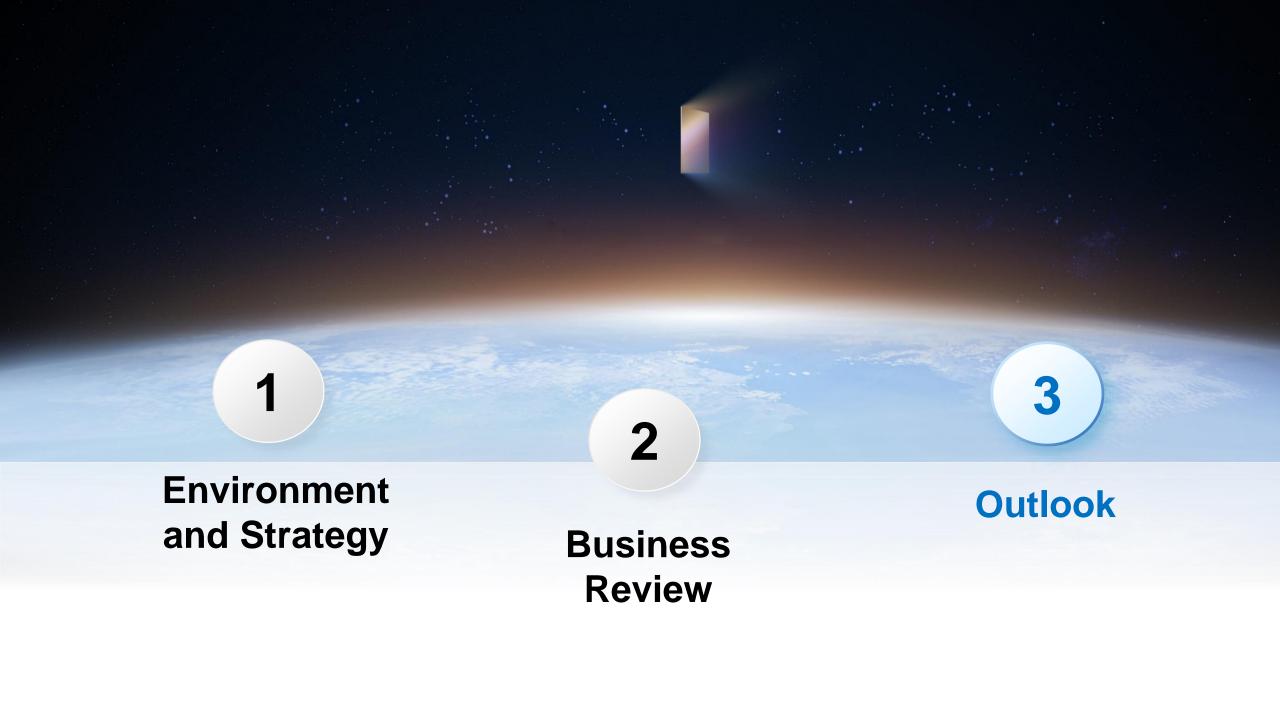
The Group continues to increase the proportion of female employees globally, to over 40% by 2022

TCL mobile phone products have introduced the hearing aid function, to provide more convenient and barrier-free product experience



The 7th Gelonghui Award for Outstanding Listed Companies in Greater China: Annual **Information Disclosure Award** 

Integrated, formulated and adopted the Anti-Corruption Policy in 2022





# Outlook | Strategy | Value Led by Brand with Relative Cost Advantage, Ultimate Efficiency Management and Collaborative Innovation



## **Brand**



## **Product**

- ✓ Master the technical winning points
- ✓ Provide extreme user experience
- ✓ Achieve industrial chain integration, with cost competitiveness



## Marketing

- ✓ Improve both brand index and recognition
- ✓ Continue to deepen the coverage of key areas and high-quality channels

# **Efficiency**



## **Operation**

- ✓ Optimise layout, improve efficiency and reduce cost
- √ Refine operation, improve efficiency



## **Organisation**

- ✓ Build a personnel training system
- ✓ Optimise the process and digital construction capacity

## **Innovation**



#### Cocreation

- ✓ Maintain continuous innovation capacity
- ✓ Produce synergistic ecological effect







Outlook | Goal | Create value for consumers and become a global intelligent terminal enterprise with a leading market position and business profit





Achieve high-quality improvement with "growth of cash flow > growth of profit > growth of revenue > growth of scale"

# The main source of revenue growth

- Increase in ASP
- Expanding coverage in regional and channel
- Sales volume growth in key regions and key channels
- New business scale growth

# The main source of profit growth

- Enhancement in competitiveness of products and technologies
- Structural cost reduction
- Efficiency improvement in R&D, operating assets and organisation







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- A number of forward-looking statements may be made from this presentation. Forward-looking statements are statements that are not historical facts. These forward-looking statements are based on the current expectations of the Company and there can be no assurance that such expectations will prove to be correct.
   Because forward-looking statements involve risks and uncertainties, the Company's actual results could differ materially from these statements.

# TOIL

# THANKS!

March 2023

# INSPIRE GREATNESS