

2021/Q3

Investor Conference

Sysgration Ltd.
(5309)

Investor Relationship: Angel Dai
sys5309@sysgration.com
+886(2)2790-0088

A photograph of two men in a laboratory or industrial setting. They are standing in front of a piece of equipment with a screen and various controls. The man on the right is gesturing towards the equipment. The image has a reddish tint and a semi-transparent white box containing the word 'Outline' is overlaid on the left side.

Outline

01 Corporate Strategies **Mark Lee**

02 2021/Q3 Operation Highlights **TF Hsieh**

03 Business Growth Drivers **TF Hsieh**

04 Global Sustainability and ESG **TF Hsieh**

05 Q&A



Corporate
Strategies



Automotive Solutions



Electric Vehicle

- 1. TPMS CAGR >9%
- 2. Expected 6 million EVs in 2021
- 3. Bluetooth Patents



Metaverse/loV

- 1. Metaverse CAGR >70%
- 2. loV CAGR >15%
- 3. IPC rugged design for harsh environment

1
EV

2
Metaverse

3
ESS

4
LEOs

Power and Energy Management

Energy Storage System

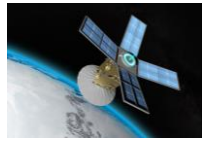
- 1. ESS CAGR >25%
- 2. Global Power Shortage
- 3. Renewable Low Carbon Energy
- 4. 40-50 Patents



Li-Ion Based Energy Brick

Low Earth Orbit Satellites

- 1. LEO CAGR >20%
- 2. LEO Satellite Communication
- 3. Millimeter Wave Transceiver
- 4. Datacenter Server Power



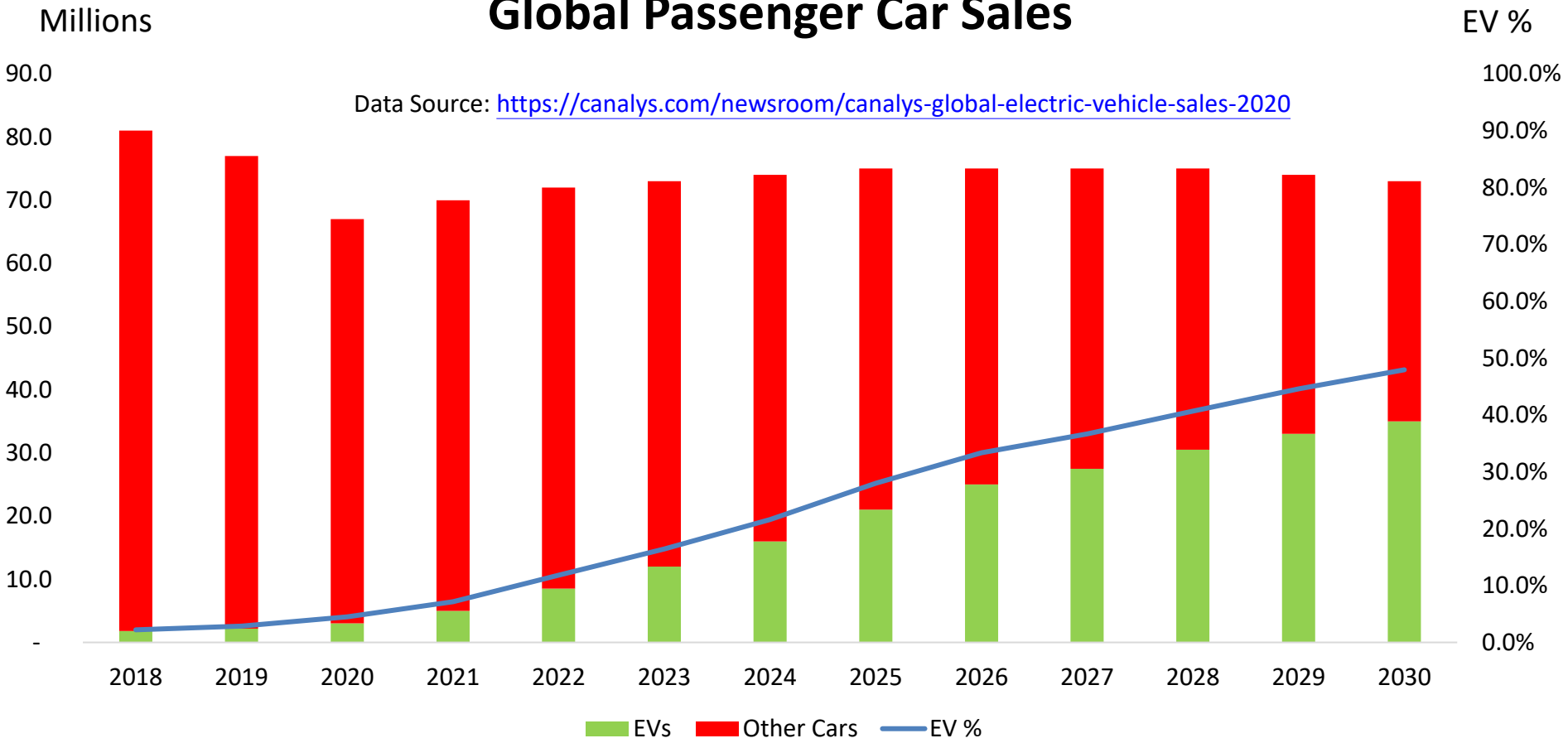
Satellite Communication



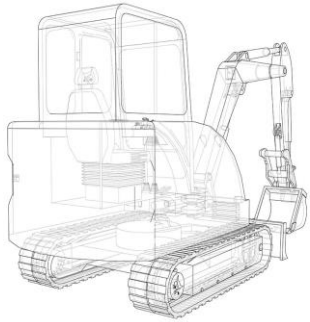
Datacenter Server Power (PSS+BBS)

Global Passenger Car Sales

Data Source: <https://canalys.com/newsroom/canalys-global-electric-vehicle-sales-2020>



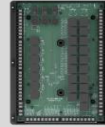
Products Offering



Construction Equipment
CAGR: 4.2%



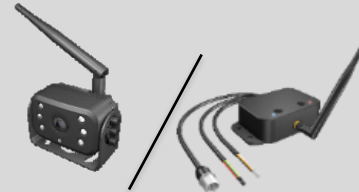
Mobile Device Terminal



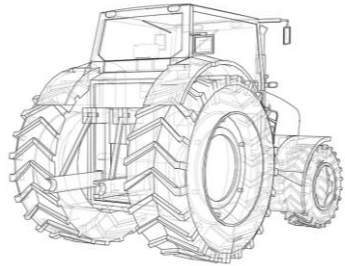
**Body Control Module(BCM)
Vehicle Gateway**



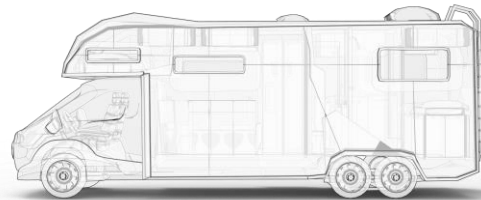
Rugged Vehicle Terminal



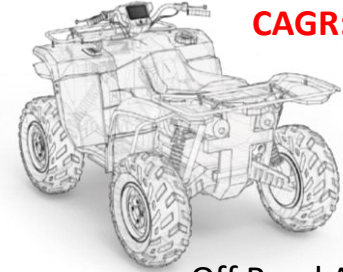
**Vehicle Surveillance
ADAS System**



Agriculture Precision Farming
CAGR: 13.1%

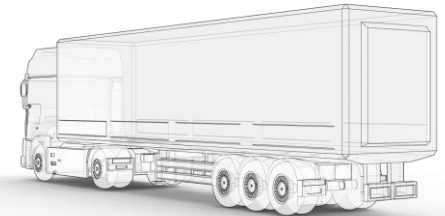


Recreation Vehicle
CAGR: 3.9%



CAGR: 5.6%

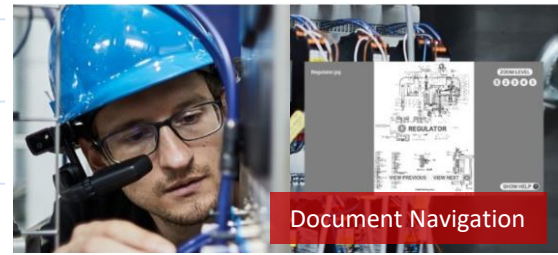
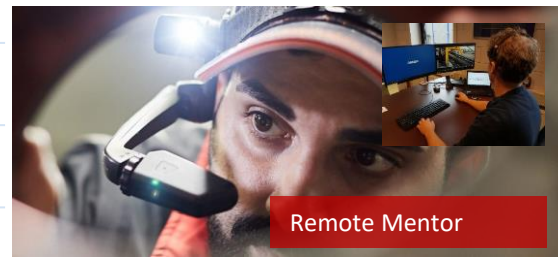
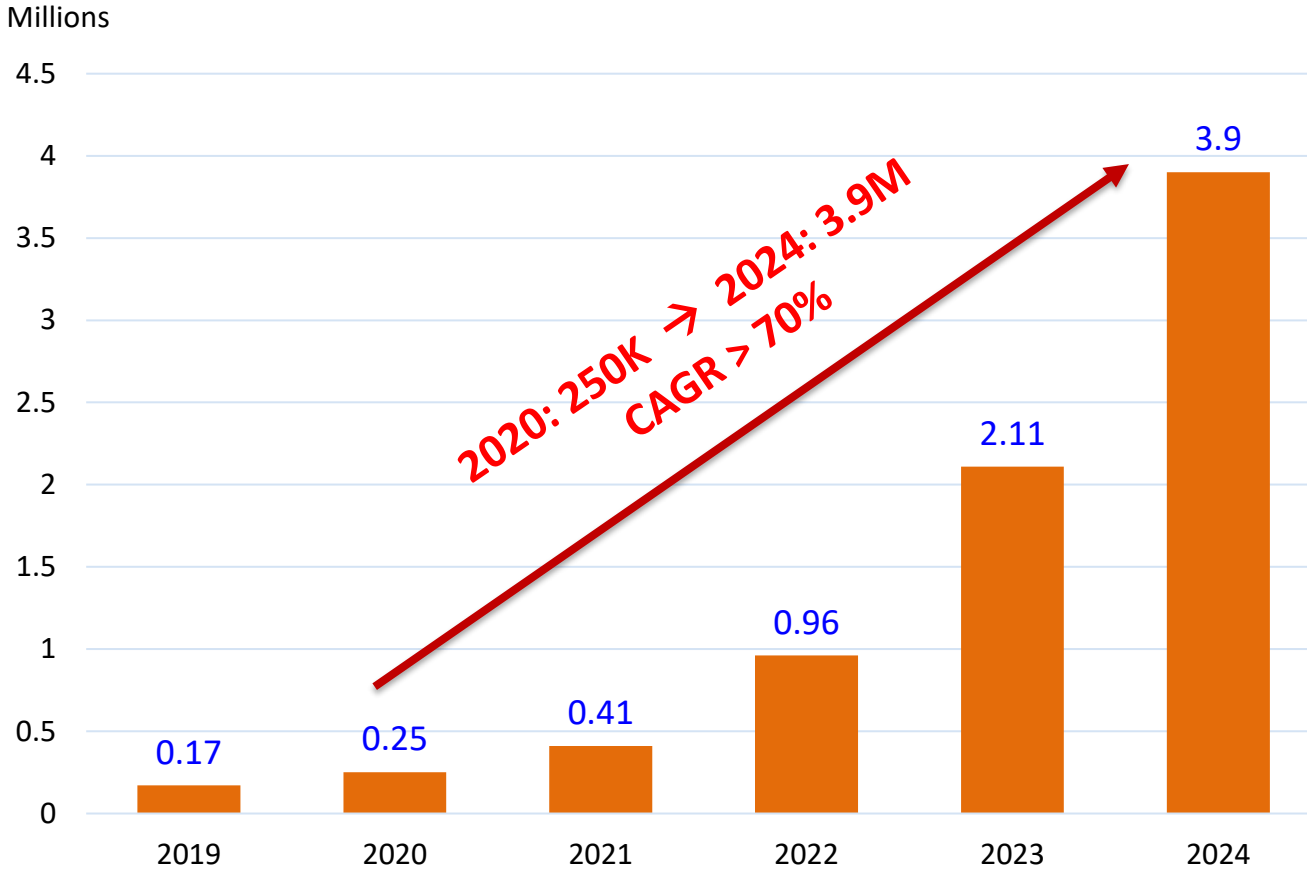
Off Road ATV/UTV



Truck/Long Haul Truck
Fleet Management

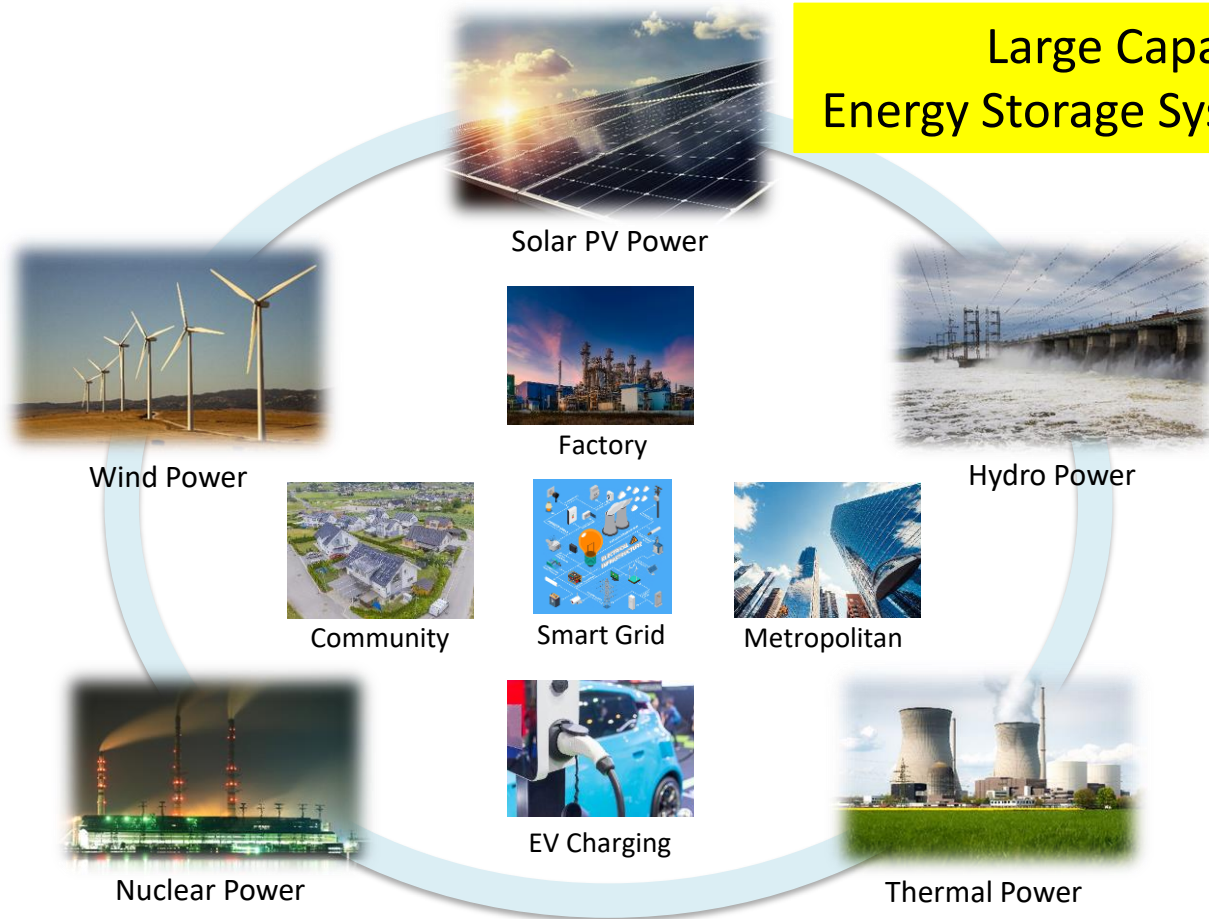
CAGR: 15%

Metaverse AR Devices Market



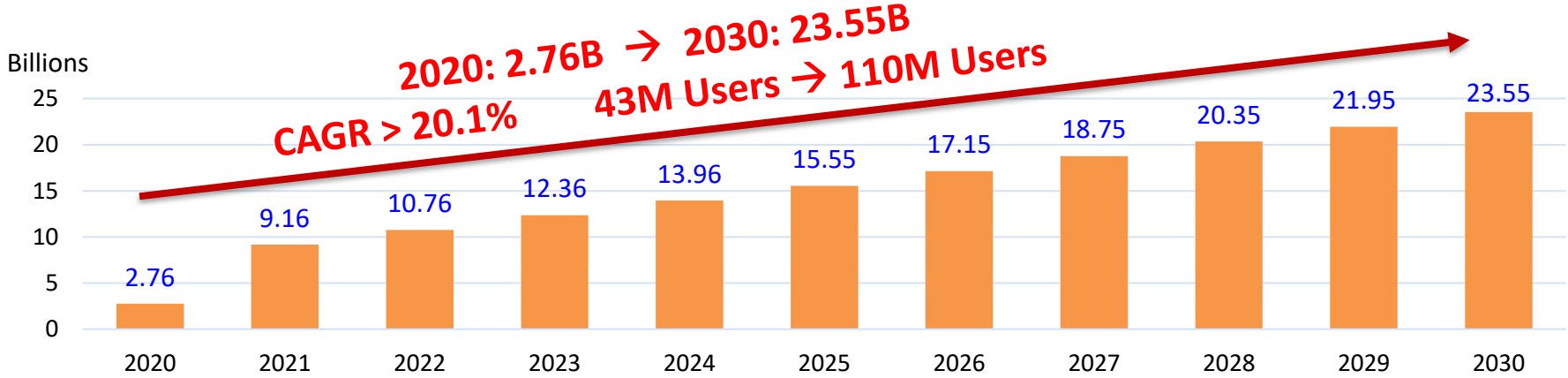
Source: Statista 2021

**Large Capacity of
Energy Storage System Required**




Low Earth Orbit Satellites Market

	SpaceX Starlink	OneWeb	Telesat Lightspeed	Amazon Project Kuiper
Launched	1,445	146	1	0
Planned	12,000 (FCC Approved) 30,000 (Pending)	2,000	1,600	3,236
Service Start	2020	2021	2023	2026
Orbit (Frequency)	560 km (Ku-band)	1,200 km (Ku-band)	1,000 km (Ka-band)	590-630 km (Ka-band)
Required Capital	\$10 billion	\$2.4 billion	\$5 billion	\$10 billion
Target Market	Consumer, Mobility	Government, Enterprise, Mobility	Government, Mobility	Consumer, Enterprise, Government



Source: Next Move Strategy & SpaceWatch.Global

In Action for ESG



Climate Change
Green Energy
SCM



Human Rights
Health
Safety



Corporate Governance
Information Transparency

What Sysgration Do For ESG

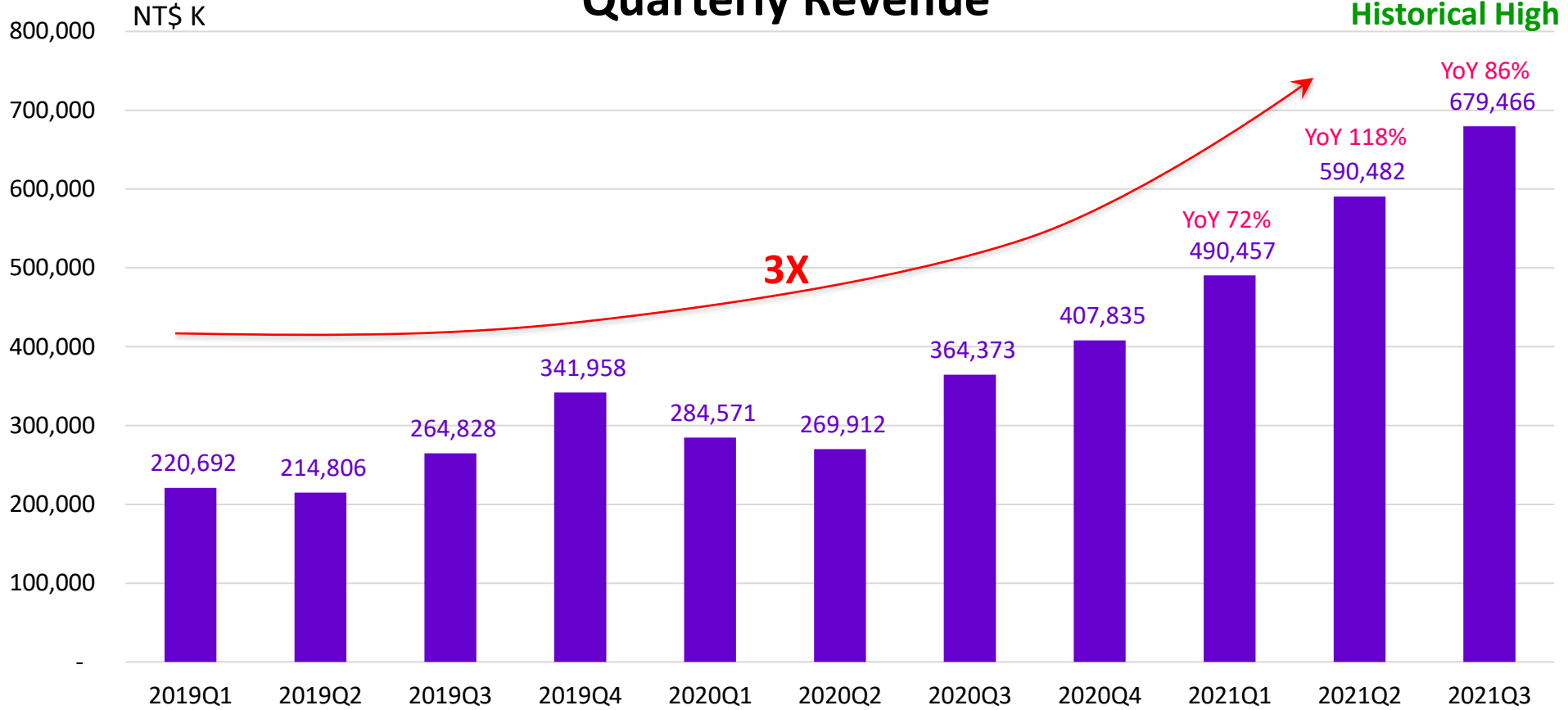
1. ESG Enabler: Expand business through light-weight, high-efficiency, low-carbon-mission products to help the world reduce air pollution.
2. Participate and contribute to low-carbon initiative associations.
3. Supplier Chain Management: Environmental hazardous material contained commitment, RoHS commitment, conflict minerals statement, California proposition 65 declaration, etc.

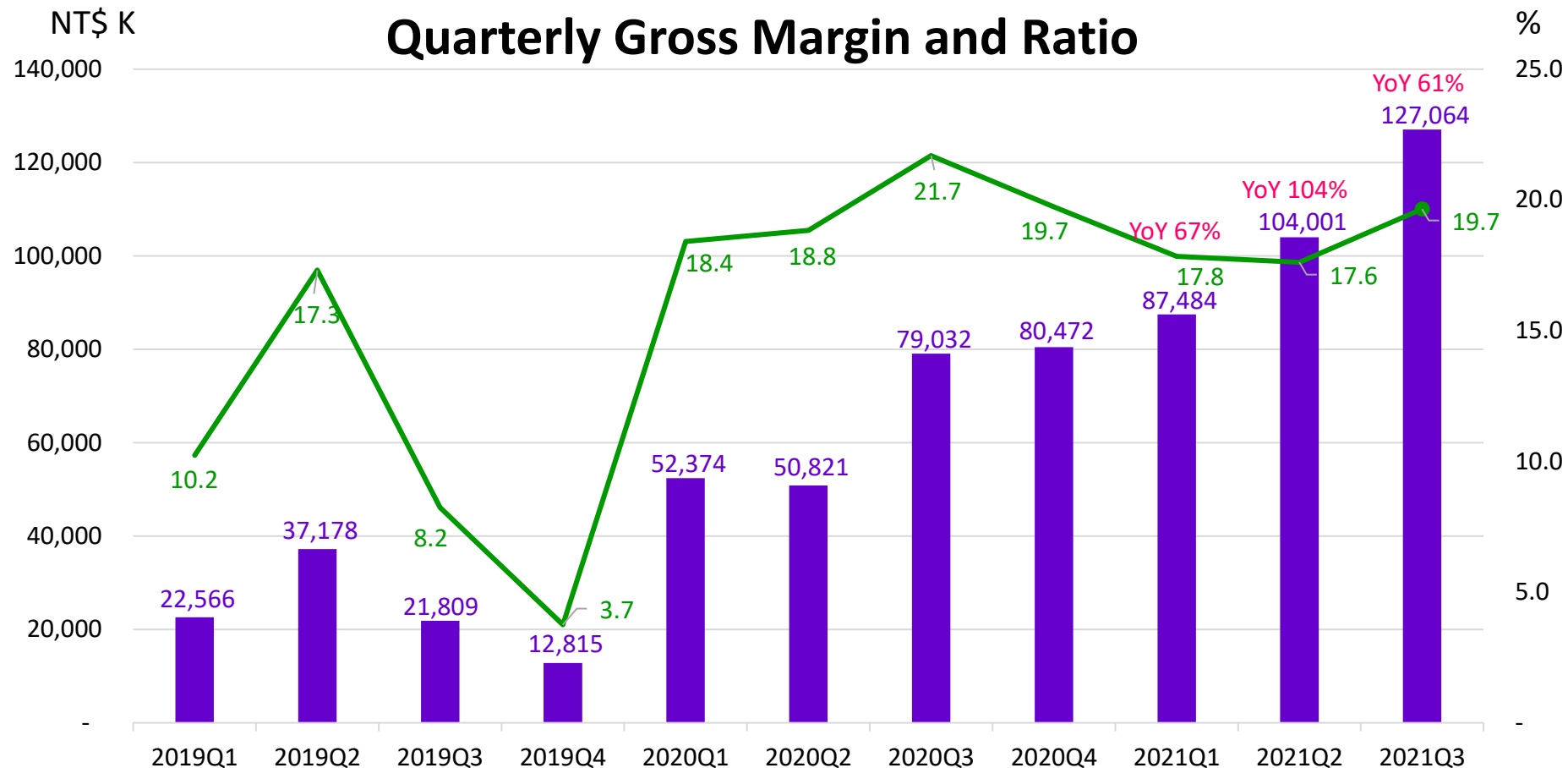
1. ISO 14001, QC80000, SA8000, ISO45001, RoHS, ISO 9001, IATF 16949, ISO26262, QS9000.
2. Employee health check and insurance, flexible working hours.
3. Employee trainings on multiple domain knowledge.
4. Product liability insurance.
5. Data protection.
6. Academia and industry collaboration for technology incubation.

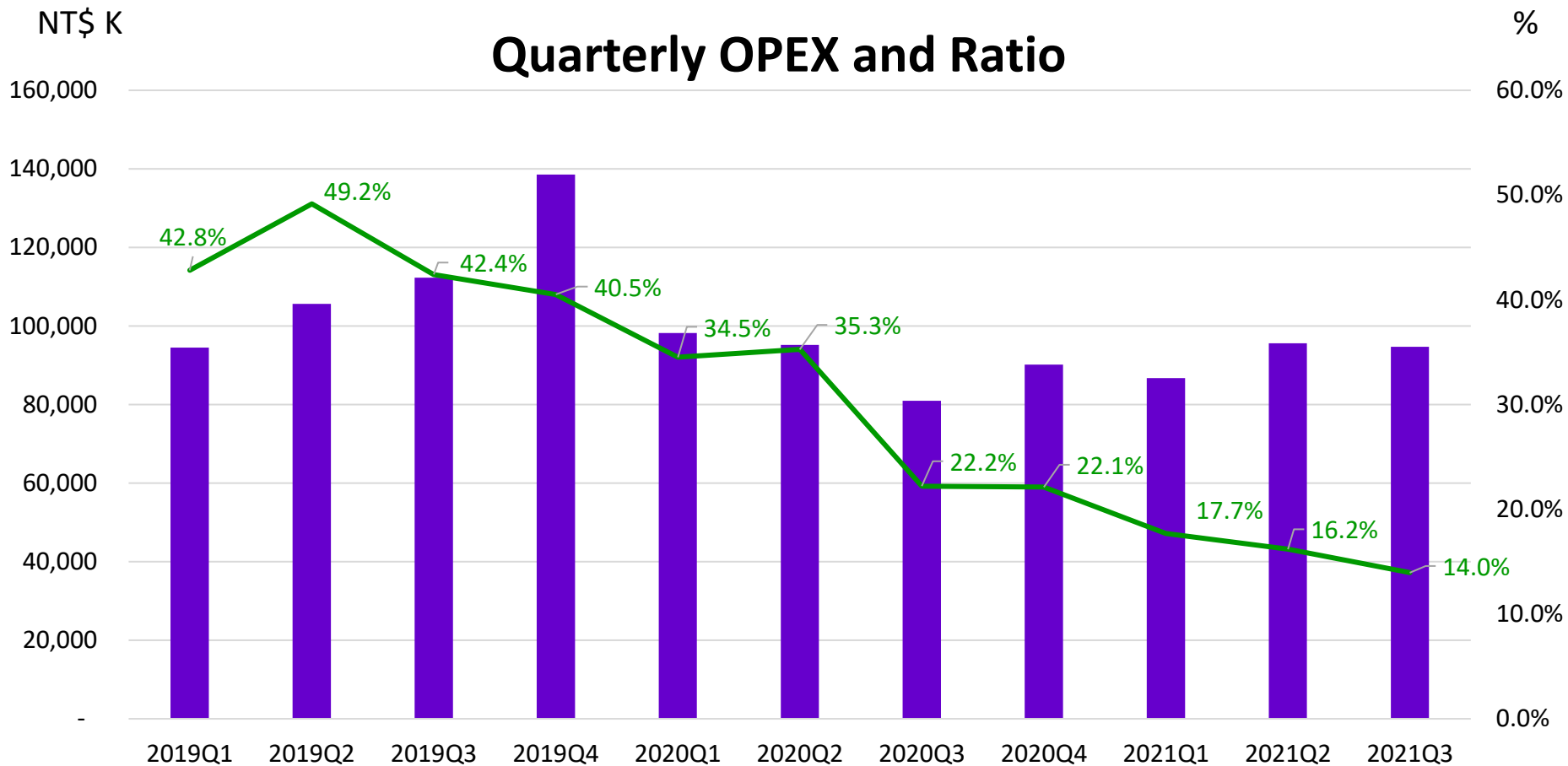
1. Disclose financial reports, BOD resolutions, and internal policies to the public, in both English and Chinese.
2. Form audit committee and remuneration committee which are composed of independent directors.
3. Risk assessment and management.
4. Employee trainings on intellectual property rights & governance regulation.
5. Patent incentive program.
6. Performance incentive program.

2021/Q3
Operation
Highlights

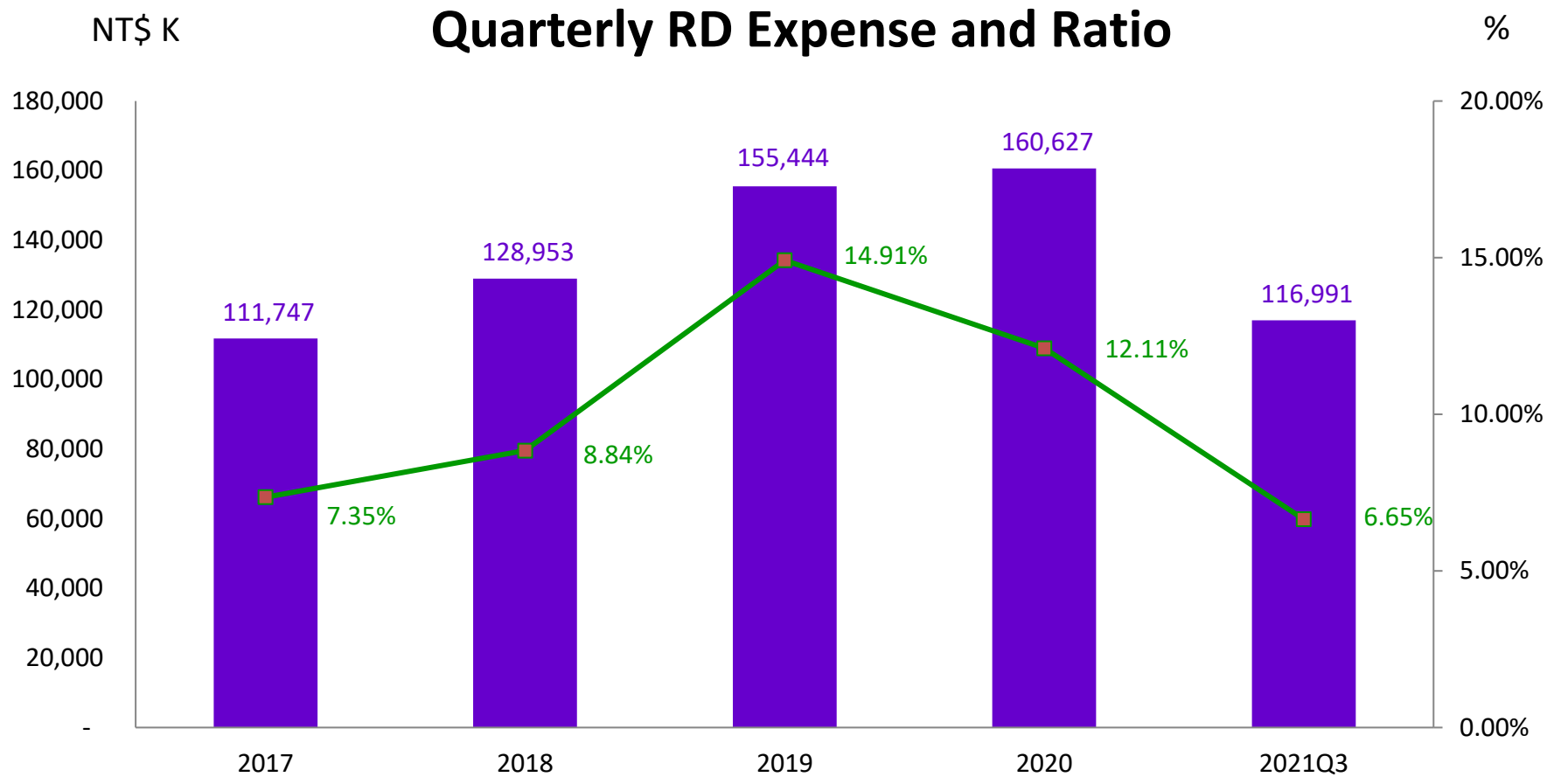
Quarterly Revenue

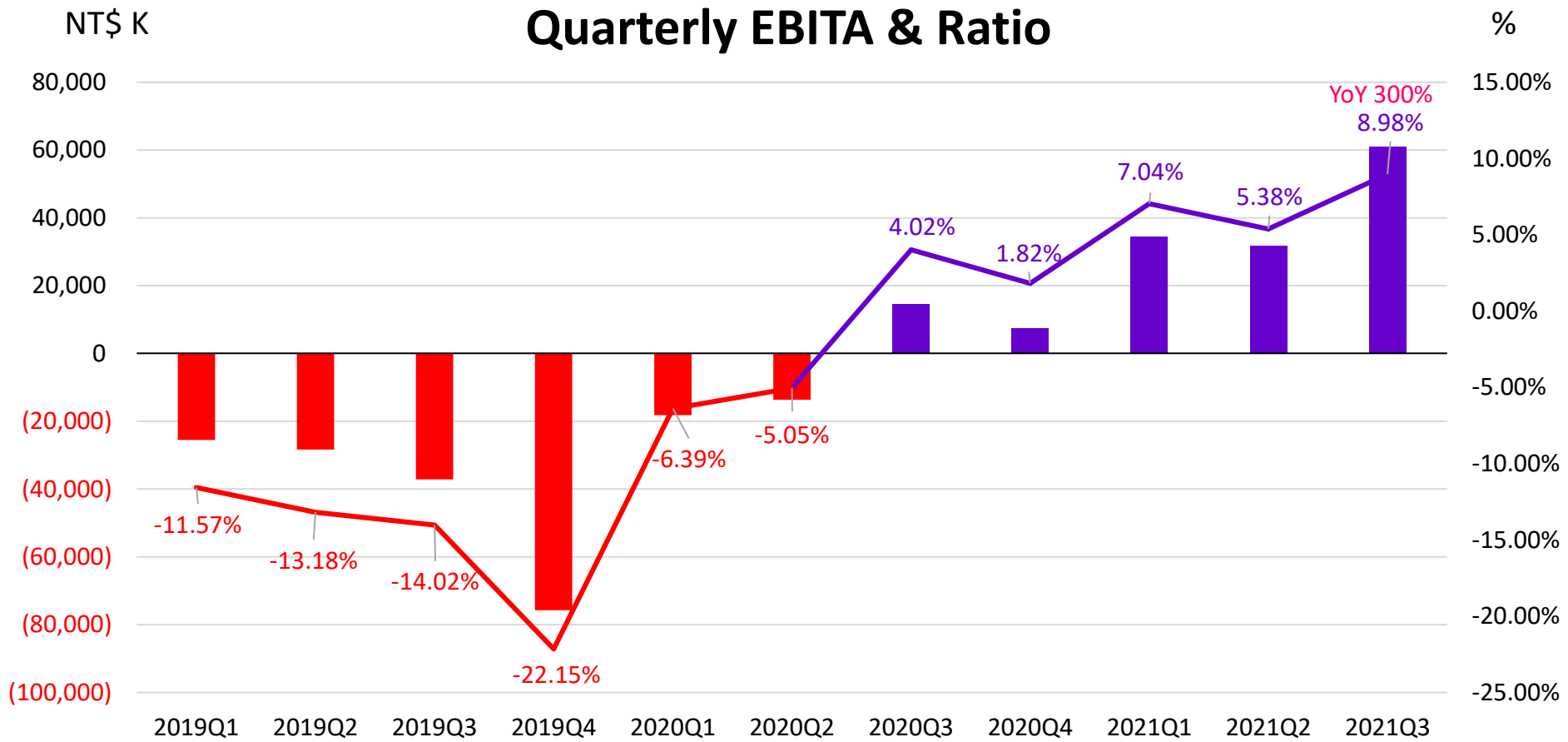




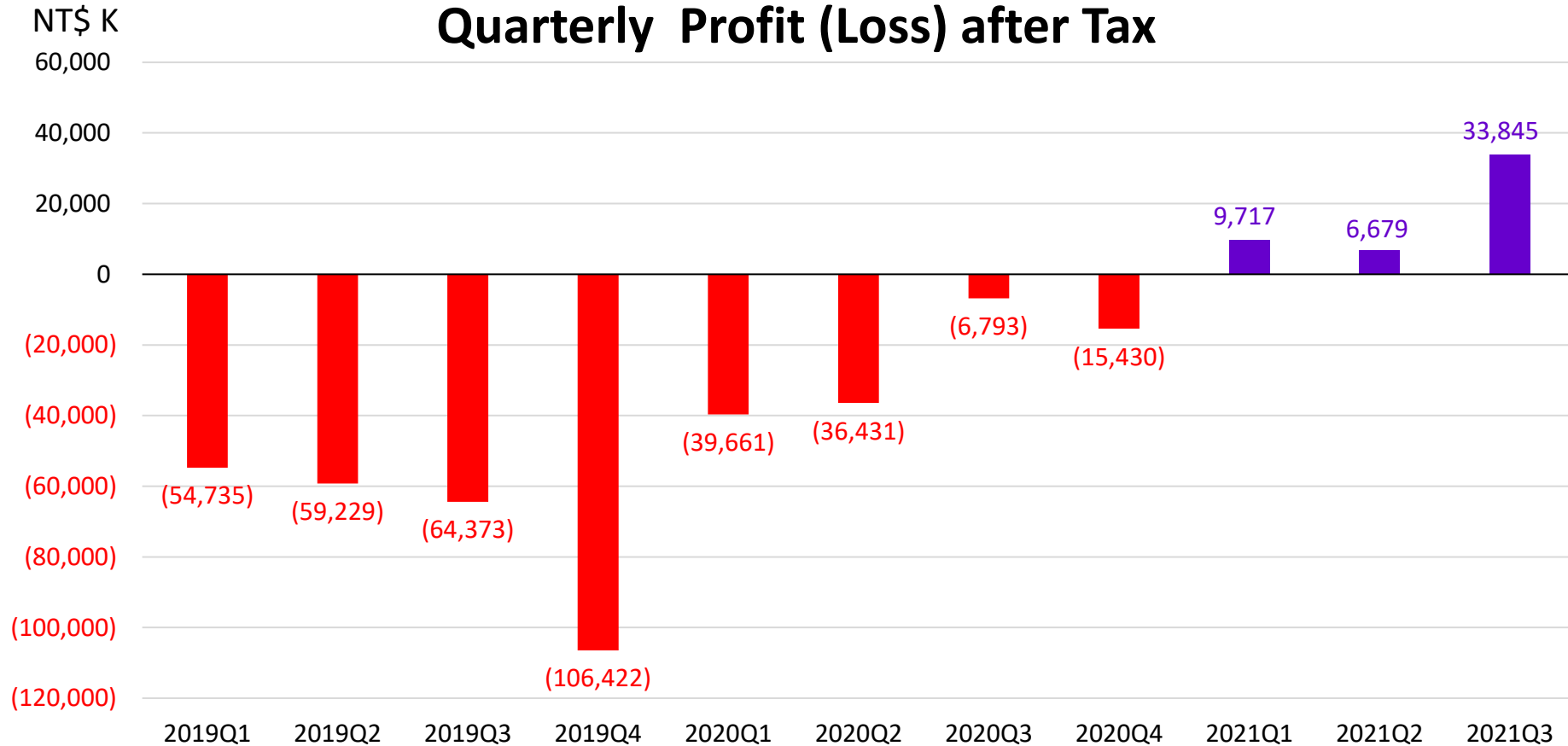


RD Expense and Ratio



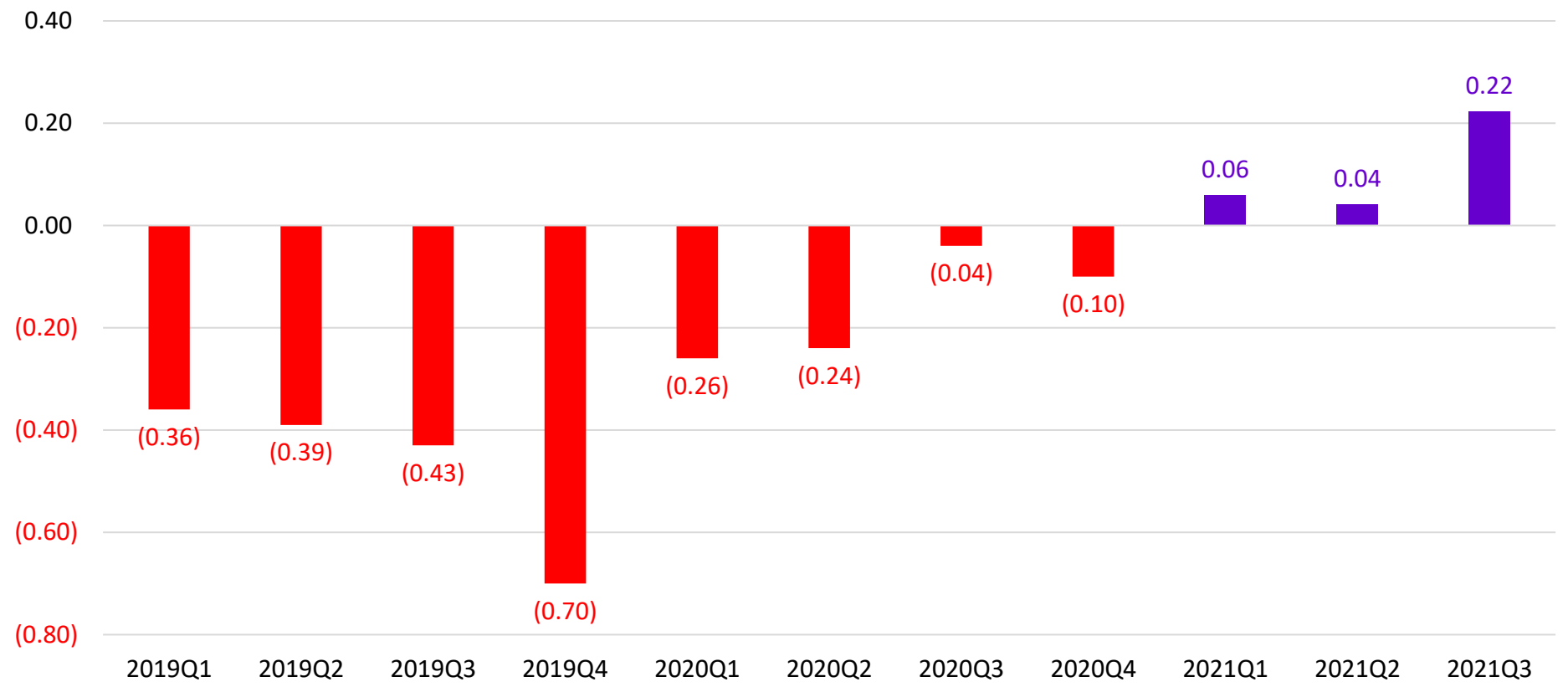


YoY 300%
8.98%

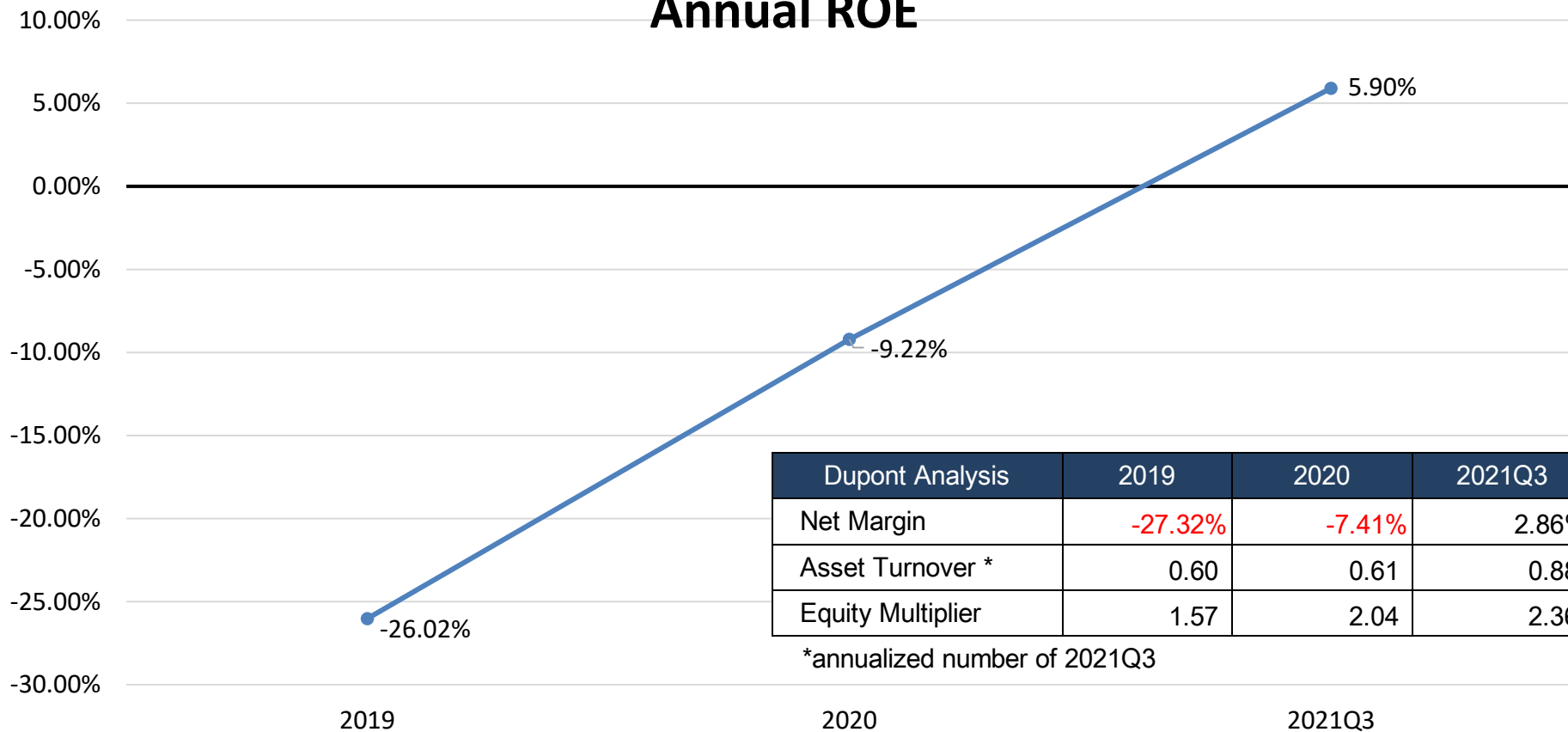


NT\$/Share

Quarterly EPS



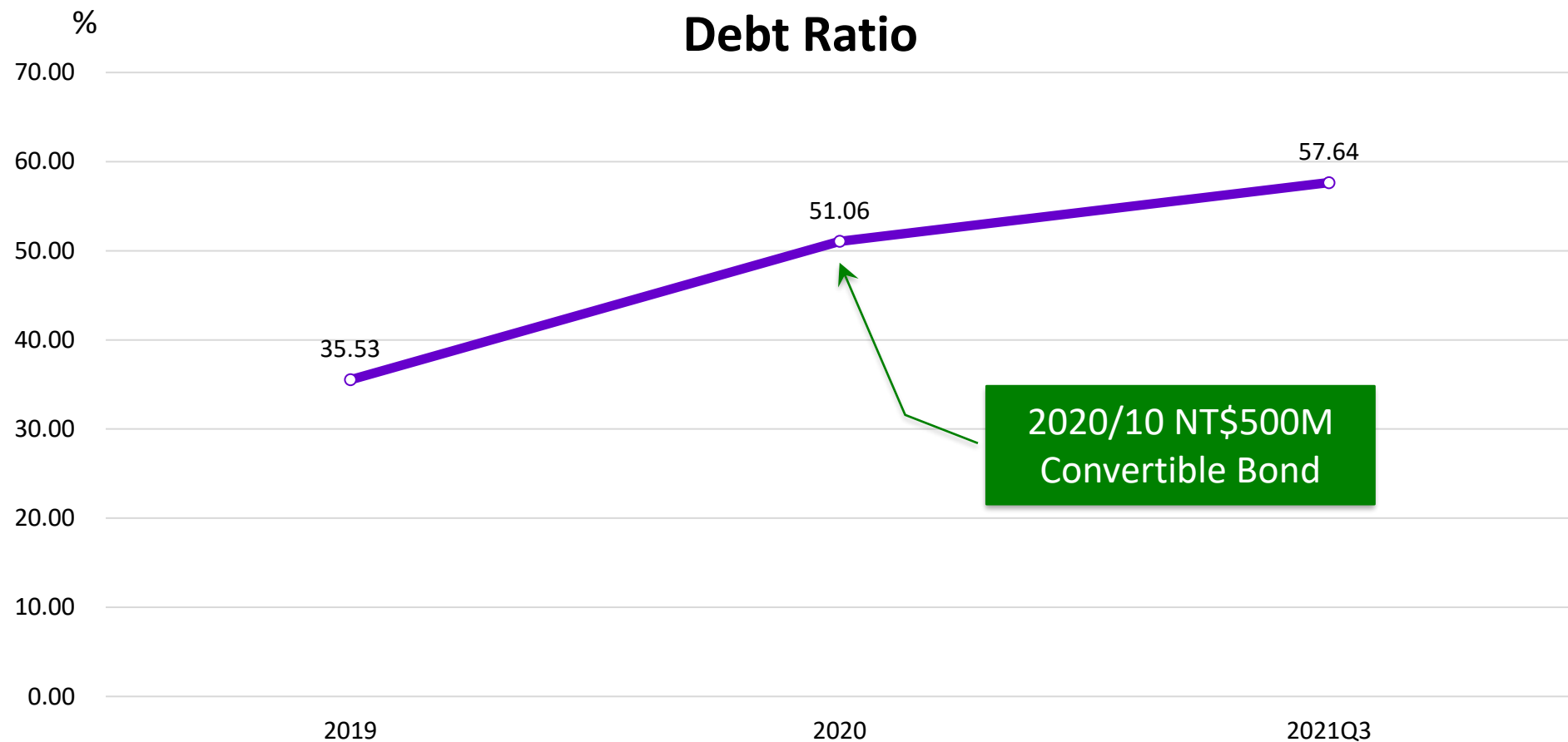
Annual ROE



Dupont Analysis	2019	2020	2021Q3
Net Margin	-27.32%	-7.41%	2.86%
Asset Turnover *	0.60	0.61	0.88
Equity Multiplier	1.57	2.04	2.36

*annualized number of 2021Q3

Debt Ratio



2020/10 NT\$500M
Convertible Bond



Business
Growth
Drivers

Sysgration at a Glance



1977

Founded



600+

*Worldwide
Employees*



40+

*Years
Design &
Manufacturing
Service Experiences*



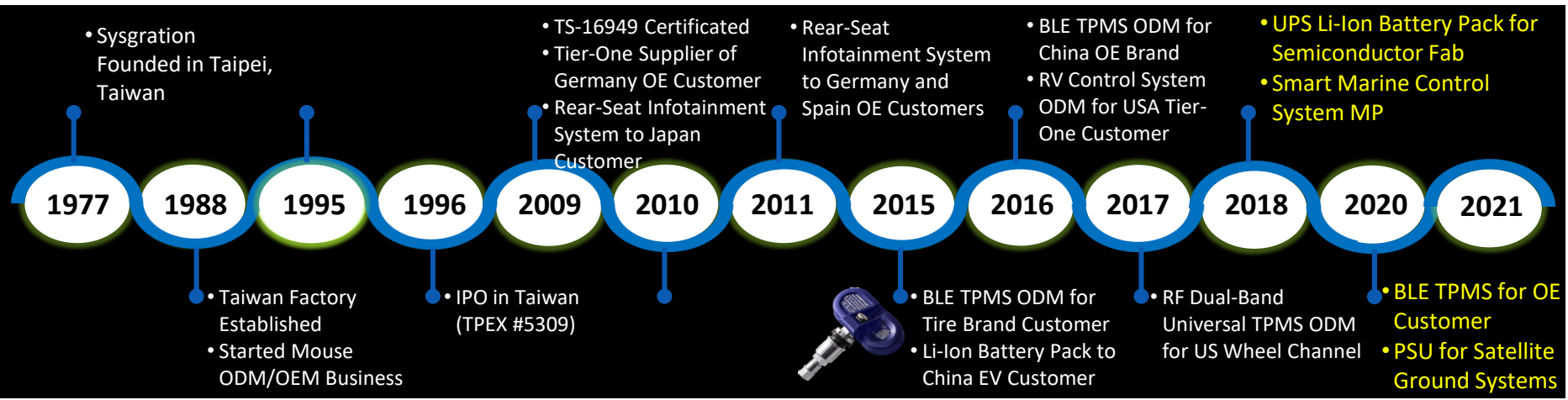
4

*Locations
Taiwan - Taipei/NanKang
China - Huizhou/ZhenJiang*



5309

*TW Stock
Publicly Trade
Capital: NT\$1.5 B
Market Value NT\$5.5 B*



Focused Market and Product Portfolio

Automotive Solutions

Power and Energy Management



Wireless Camera
Around-View System



Tire Pressure
Monitoring Systems



Rugged Head-Mount
AR Device



Li-Ion Battery Pack
for Semiconductor Fab



Li-Ion Based
Energy Storage Systems



Body Control Module



Industrial PC



Infotainment
System



EV Battery Pack



Li-Ion Based
Energy Brick



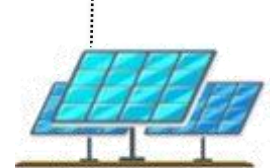
Recreation Vehicles
CAGR ~6% by 2025



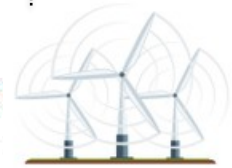
Electric Vehicles
CAGR ~80% by 2025



Semiconductors
CAGR ~25% by 2025



Renewable Energy Storage
CAGR ~28% by 2025



TPMS Legislation and Worldwide Demands

Country	Car Sales	Subtotal	TPMS Legislation
China	25,769,000	56,092,077	O
USA	17,038,617		O
Canada	1,928,468		O
Germany	3,905,597		O
France	2,677,830		O
UK	2,676,885		O
Italy	2,095,680		O
Japan	5,119,652	11,247,347	X
India	3,464,125		X
Brazil	2,663,570		X
Subtotal	67,339,424		

Annual **300M** Pcs OE Demands plus **100M** Aftermarket Demands



Data Source: Autocar <https://www.autocarindia.com/industry/global-car-sales-2019-an-in-depth-analysis-416557>

WW 2nd

Multi-Band Universal RF TPMS



Efficient Inventory Management



Sensor Programmable

WW 1st & #1

BLE TPMS



Internal TPMS



External TPMS



Tire Mounted Sensor (TMS)



Voice Receiver



Display Voice Receiver



Truck Repeater



Trigger Tool for Truck

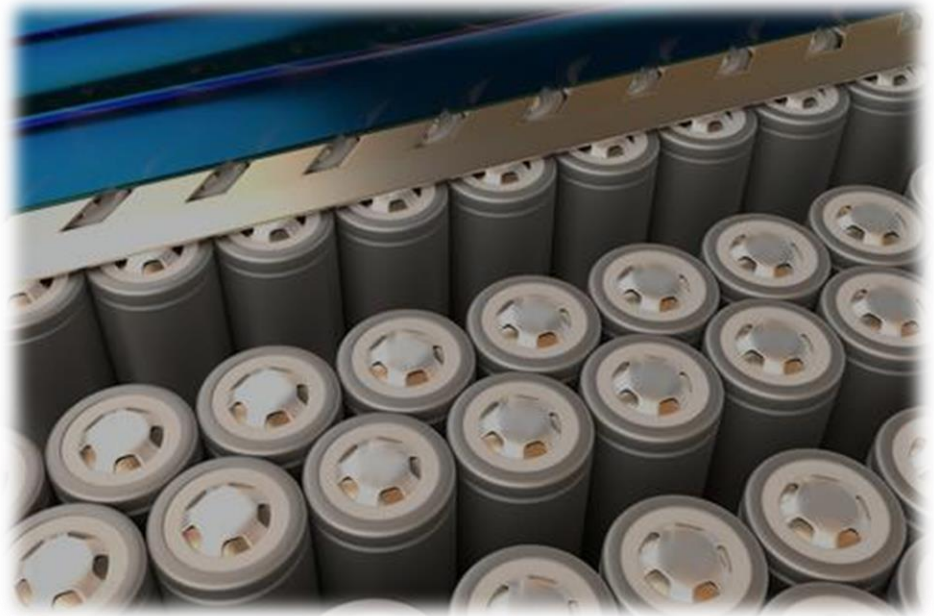
WW 1st

Tri-Band TPMS



Why Li-Ion Solution Superior to Lead-Acid

- ◆ More Environment Friendly
- ◆ Less Hazard Substances
- ◆ Higher Energy Density
- ◆ Higher Power Density
- ◆ Smaller Volume
- ◆ Longer Lifecycle
- ◆ Lower Maintenance Cost
- ◆ Lower Air-Con Cost





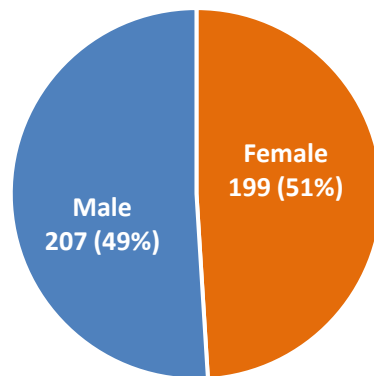
Global
Sustainability
and ESG

SUSTAINABLE DEVELOPMENT GOALS

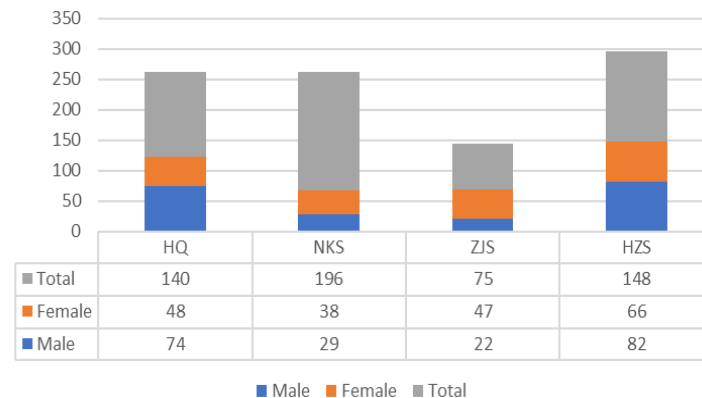
1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY EDUCATION 	5 GENDER EQUALITY 	6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY 	8 DECENT WORK AND ECONOMIC GROWTH 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	10 REDUCED INEQUALITIES 	11 SUSTAINABLE CITIES AND COMMUNITIES 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE, JUSTICE AND STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS 	



Gender vs Vaccination



Vaccination Coverage Rate



- Taiwan Country **56%** (as of 2021/11/30) vs. **Sysgration 74%**
- Vaccination Dose: 406 **Female 199 (49%) vs. Male 207 (51%)**
- Staff: 552 **Female 319 (58%) vs. Male 233 (42%)**
- Staff well-being during COVID-19 pandemic

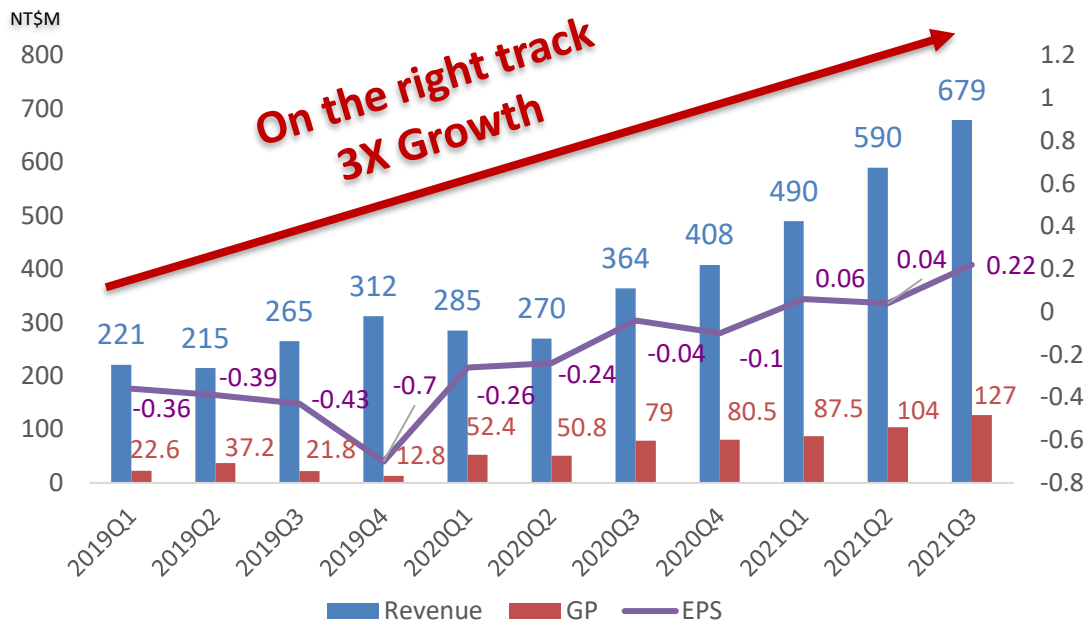
No Layoffs, No Halting Production, No Income Cuts, Work From Home, Health Management

Clean Energy Leads Economic Growth

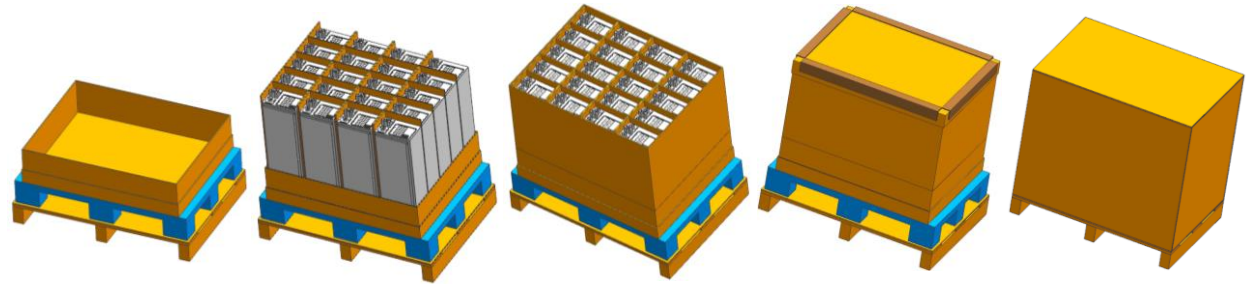
7 AFFORDABLE AND CLEAN ENERGY

8 DECENT WORK AND ECONOMIC GROWTH

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



- Li-Ion Battery Storage System applicable to **All Renewable Energy sources like solar, wind, small hydro**
- BLE TPMS **Reduce Vehicle Weight and Carbon Emission**
- BLE TPMS **WW 1st and #1, with 80 Patents**

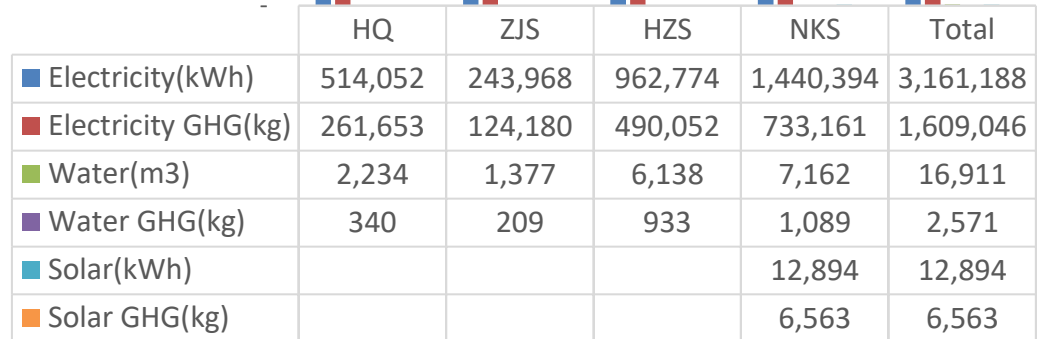


- **Sustainable Production = Green Packaging**
Production Optimization, Cost Down, Green Material,
Lightweight, Reduce Electricity Consumption
- Sysgration China Factory
Electricity LIGHT User = Carbon Emission Friendly
- Sysgration Taiwan Factory
Expand AUTOMATION = Climate Change Friendly

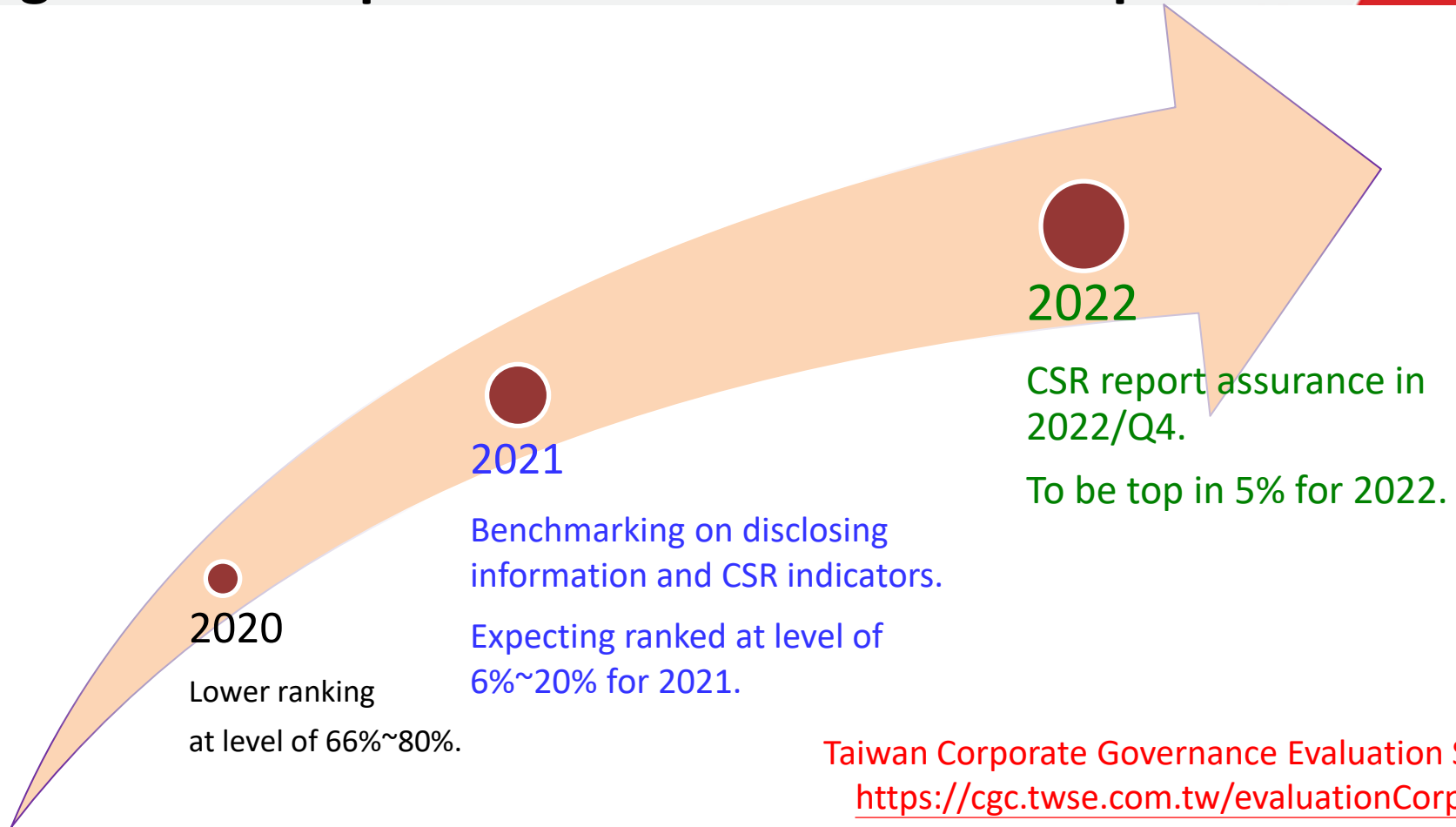


Carbon Consumption and Renewable Energy

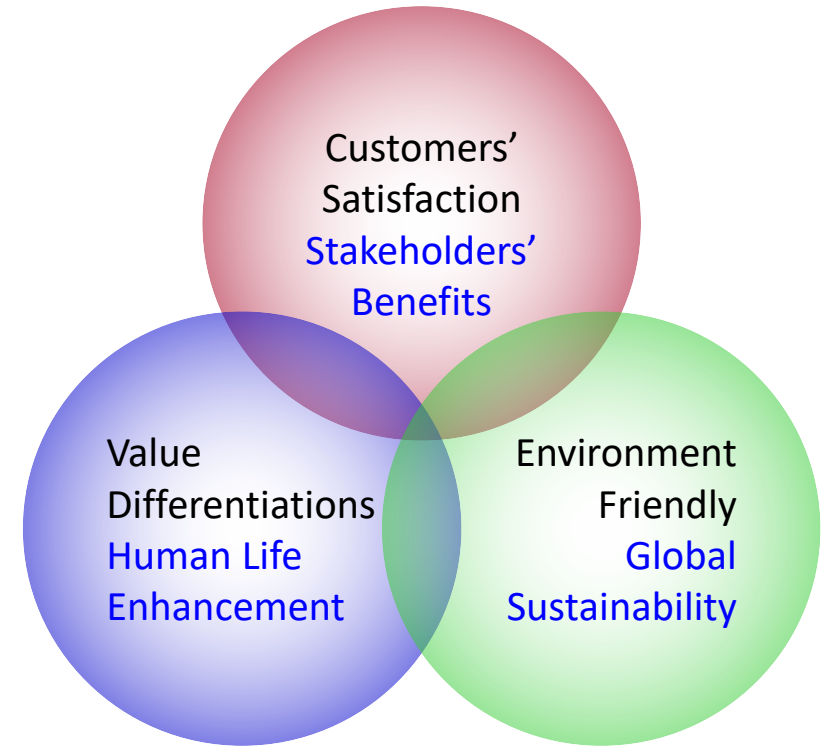
3,500,000
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
-



- **Climate Action = Improve Solar Energy**
- **Communicate Climate Action to All Staffs, Organization, Value Chain, Supply Chain Companies**



- ◆ Light-Weight Solutions
- ◆ High Added Values
- ◆ High Efficiency
- ◆ Energy Saving
- ◆ Low Carbon Emission
- ◆ Battery Rejuvenation



Sysgration integrates sustainability into business practices for human life enhancement, that will benefit profitability of the company.



Q&A



Q&A



Thank You