



3Q 2022

International CSRC Investment Holdings Co.
INVESTOR'S CONFERENCE



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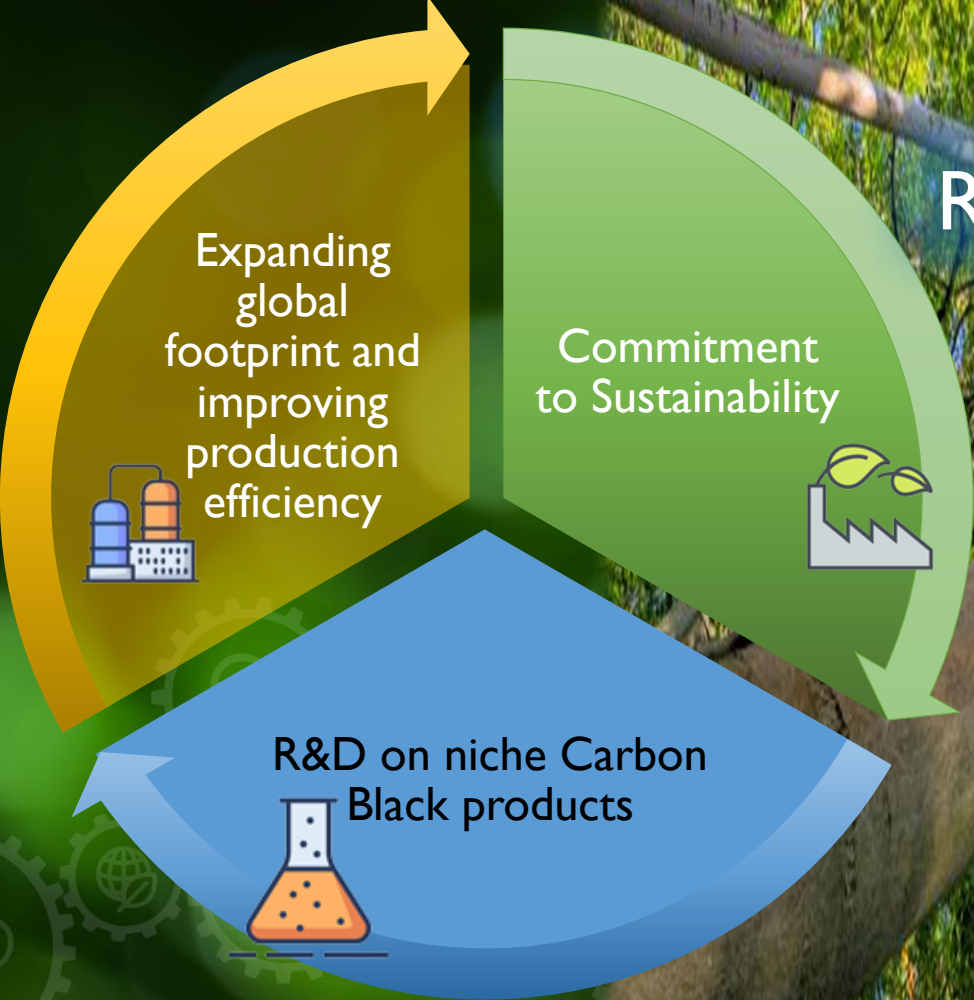
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01 Business Strategy



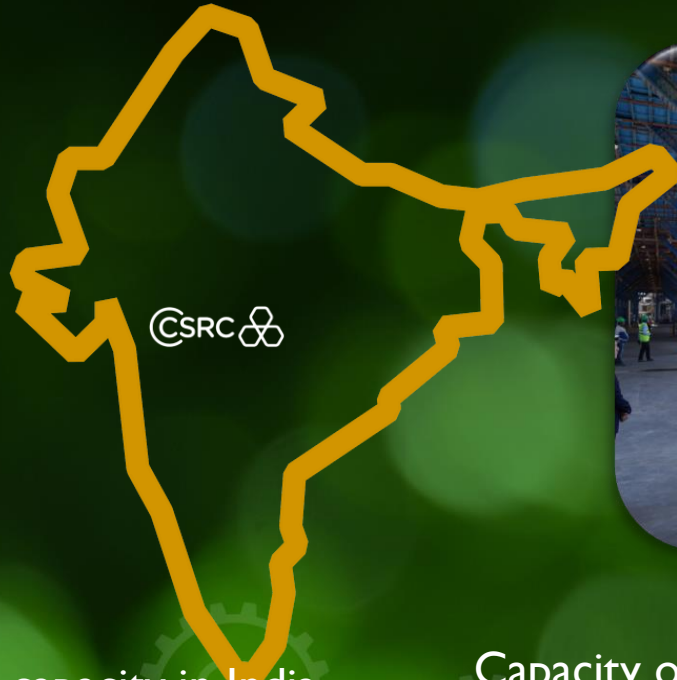
Business Strategy



Eco-friendly civilization
Renewable energy and resources



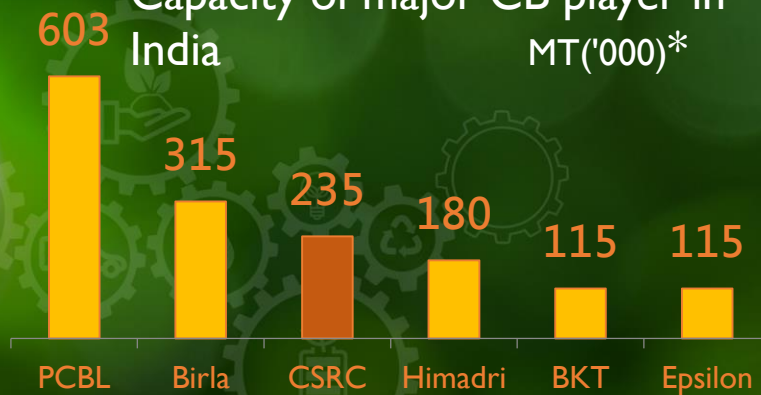
New plant in Dahej, Gujarat starts commissioning



CSRC total capacity in India
MT('000)



Capacity of major CB player in India
MT('000)*



*As of 2021 ; Source :Notch data book 2022, CSRC group



Continental Carbon Eco Technology

New plant in Turkey kick-off construction



Way of investing Holding 50% of joint venture with OYAK, Turkey

Capacity/ Production Sector 150,000 Mt

- Carbon Black (Rubber Carbon Black and Specialty Carbon Black)
- Electricity

Timeline

- Granted to establish and began construction in 2021
- Project contracting in 2022
- Expected to complete in 2024

Benefits

- ✓ Will be the first carbon black plant in Turkey
- ✓ Turkey's automotive marks one of the top 5 largest production site in Europe
- ✓ Superior geographical location next to Europe and Asia
- ✓ Favorable Location
- ✓ Customers and Feedstock Cluster
- ✓ Friendly Investment Environment



Is EV tire durable?

Mileage of different car model used in same passenger car



Load Battery Module

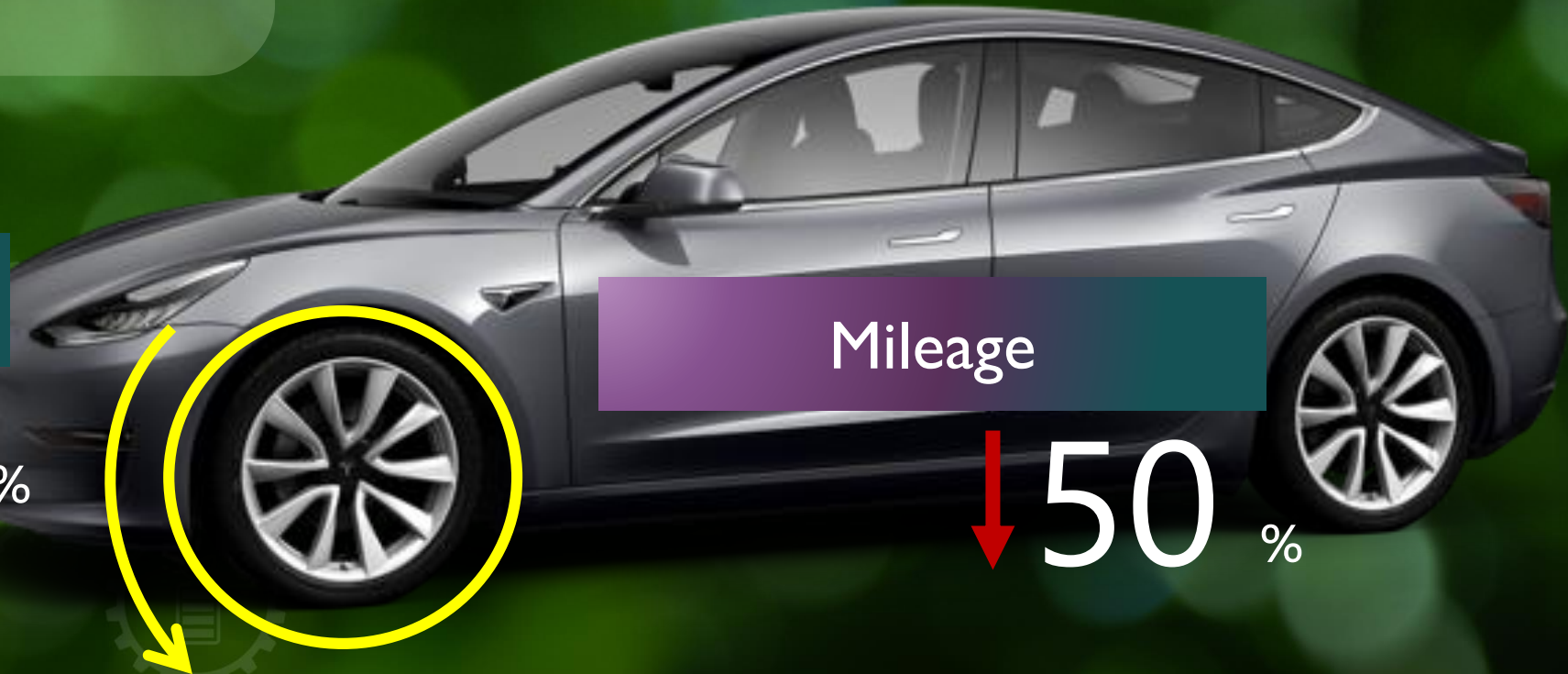
Car Weight  33 %

Torque

 133 %

Mileage

 50 %



Trend in EV tire

Range ↑

Low Rolling Resistance

Tire Life ↑

Good Wear Resistance

CONTINEX LH 12 / 70

CONTINEX LH 12

- ✓ Tread
- ✓ Sidewall
- ✓ Carcass

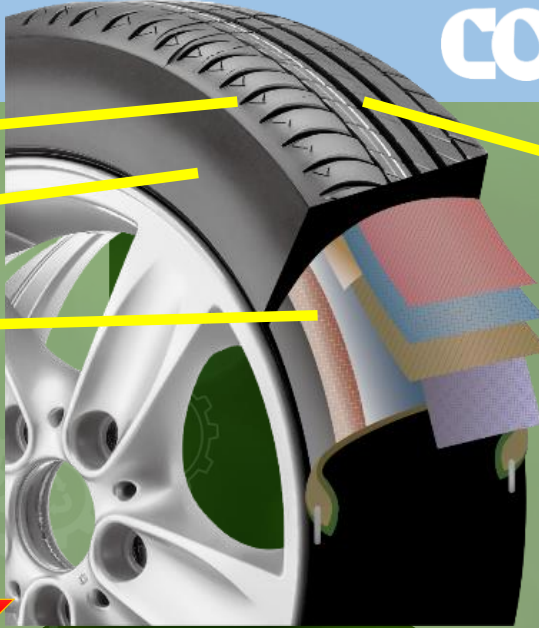
✓ Tread

Rolling Resistance ↓

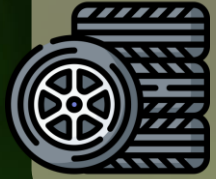
15 %

Wear Resistance ↑

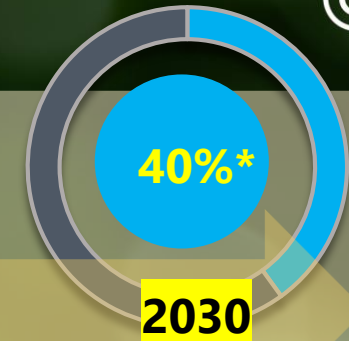
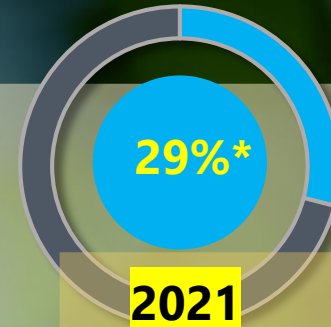
10 %



Tire Industry Accelerates Circular Economy Adoption



Tire manufactures set up goals :
to adopt certain proportion of sustainable materials in a tire



Key action for CB :



Recovered Carbon Black(rCB)



Recycled Oil

RoadMap

Short term target



Adopt sustainable materials in CB production.



Explore strategic partners of recycled oil.



Build up the supply chain of rCB.

Middle term target



Increase ratio of sustainable materials in CB.



Develop Eco-circular Carbon Black (CB+rCB) production technology.

*Source: Michelin tyre website

Commitment to sustainability

New Circular Economy Model



R&D on niche Carbon Black products

“Photro” patent acquired

R&D center operates in 2019

India site acquired patent for removing solid impurities by ion exchange method in 2009.



Lynyuan site acquired patent for refractory mortar formula in 2020.



Acquired patent of “Photro”, method for quickly measuring content of polycyclic aromatic hydrocarbon in carbon black, in 2022.



Patent for post-modification reactor of EREBOS processing technology is still applying in 2022.

R&D in niche carbon black



Ink/coating



- ✓ Application in niche electronic grade coating
- ✓ Application in furniture, architecture, light industry coating
- ✓ Easier dispersion, increasing luster, and lower PAHs after modifying the carbon black



Glossiness increased after modifying CB

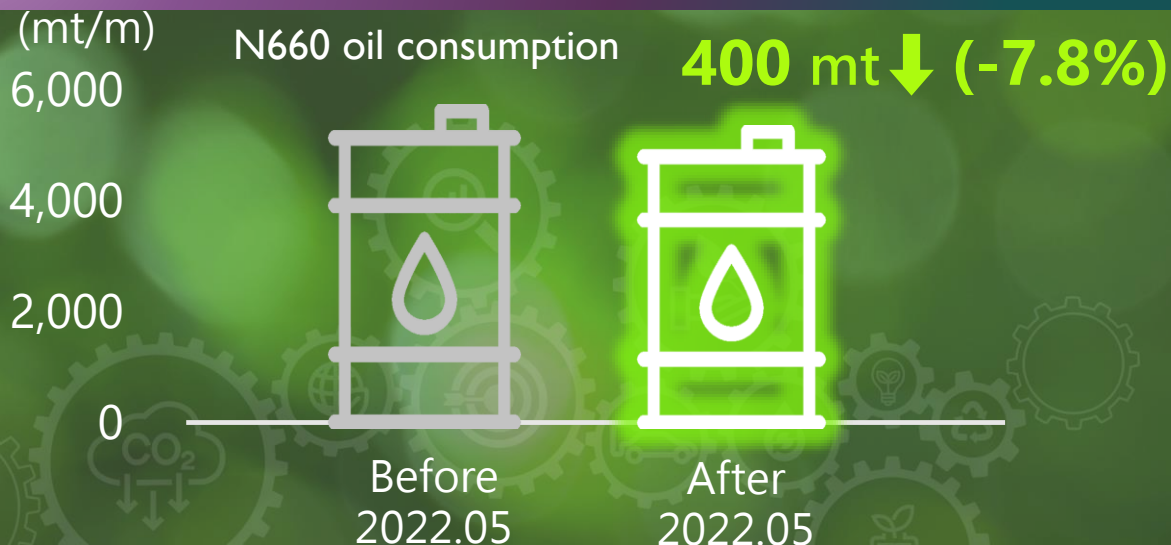


Cover lens ink used in panel

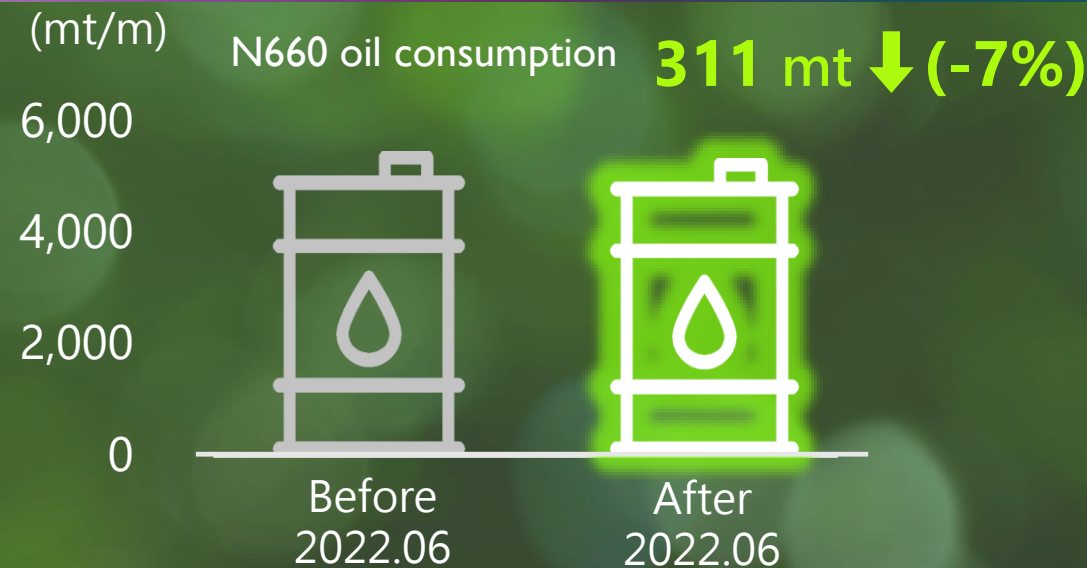
Process Optimization to Reduce Carbon Emissions



An-Shan Plant : Switched from atomizing steam to atomizing air



Linyuan Plant : Replace to higher temperature APH



Note: Oil volume saved = oil consumption/ton before improvement*CB production after improvement-oil consumption after improvement
 Carbon emission coefficient of coal tar oil=2.6985 ton CO2e/ton

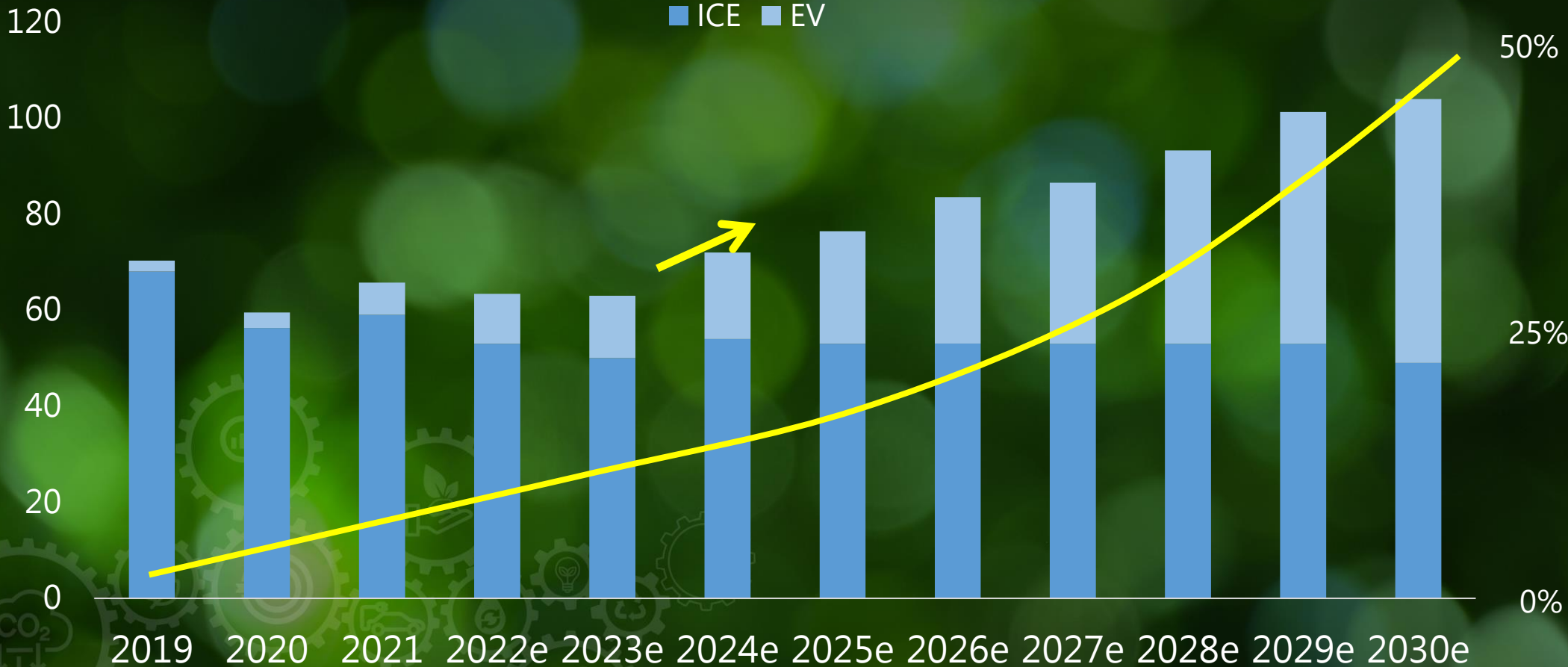
02 Business Outlook



World Auto Sales

Global passenger-car & light vehicle sales
(million units)

Global EV market share
(%)



Source: : Marklines, CPCA, mszq.com, CSRC Estimates

World Tire Production

(million units)

(YoY change)

3,000

15%

2,500

10%

2,000

5%

1,500

0%

1,000

-5%

500

-10%

11%

-2%

-1%

2019 2020 2021 2022e 2023e 2024e 2025e 2026e 2027e 2028e 2029e 2030e

Source: Notch data book 2022, CSRC Estimates



World CB Demand

(KMT)

20,000

15,000

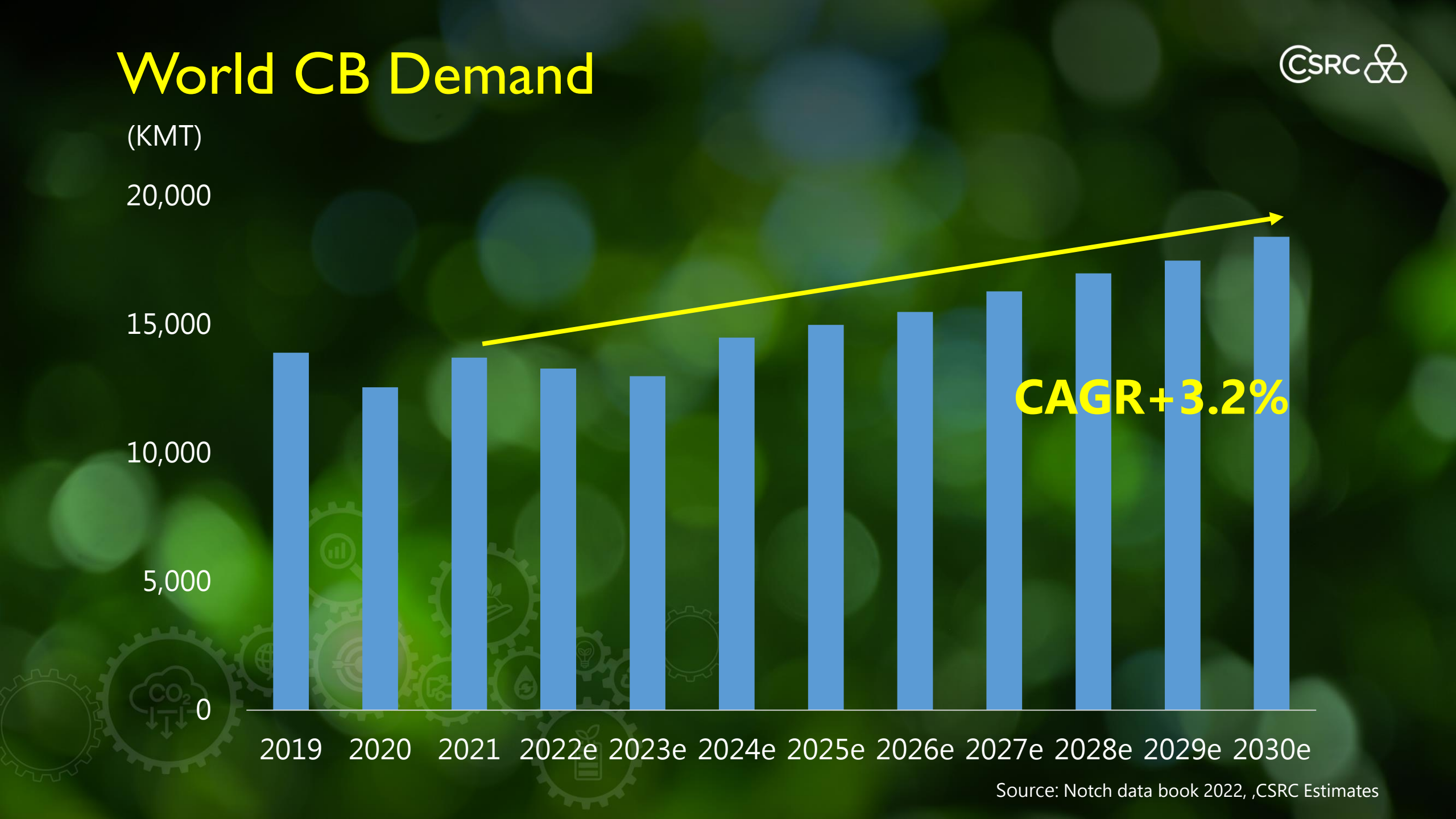
10,000

5,000

0

2019 2020 2021 2022e 2023e 2024e 2025e 2026e 2027e 2028e 2029e 2030e

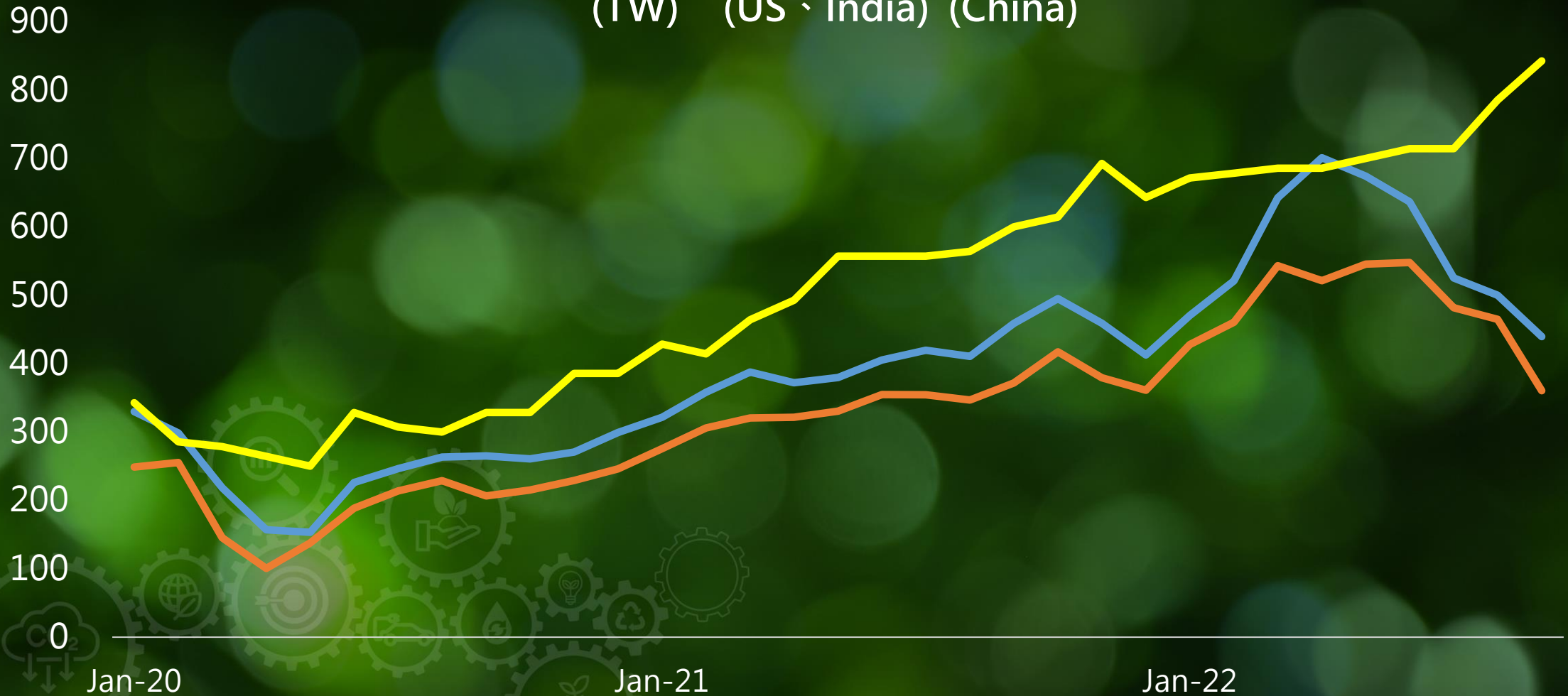
CAGR +3.2%



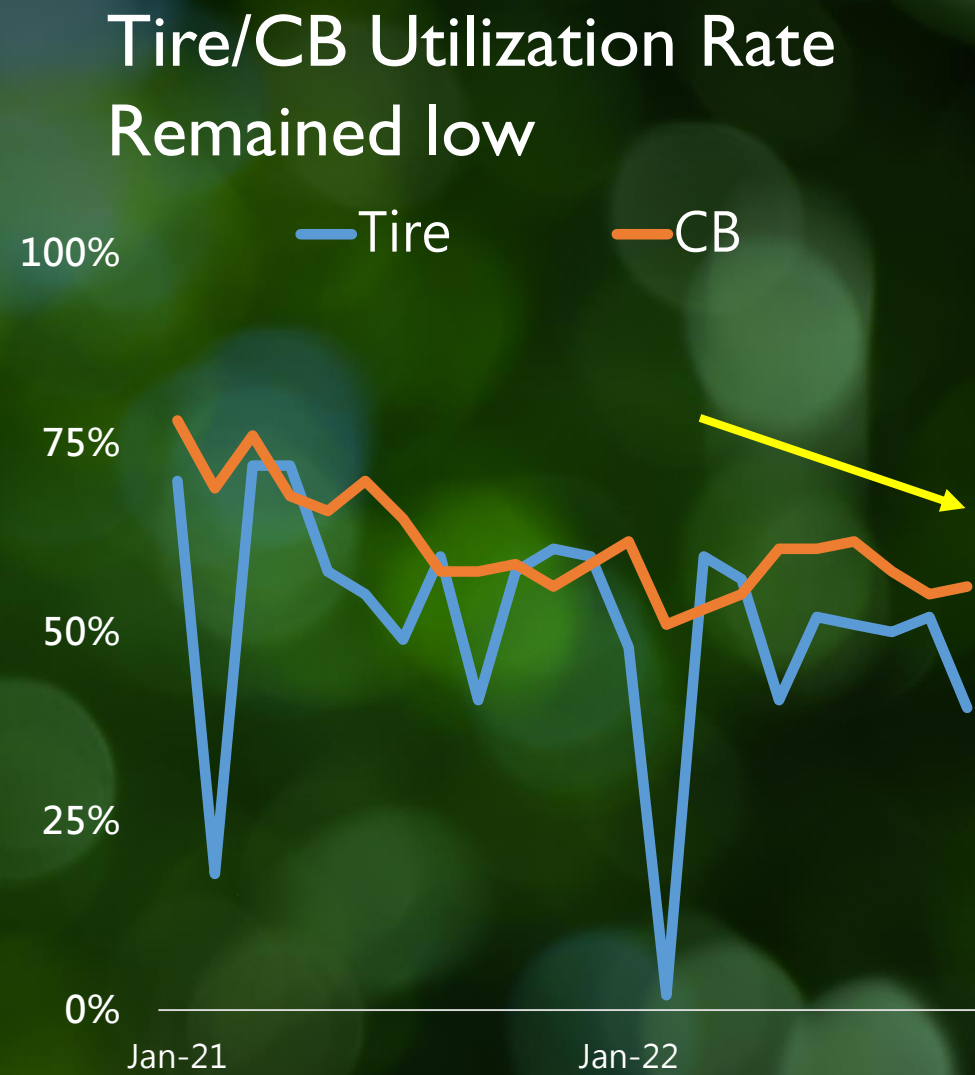
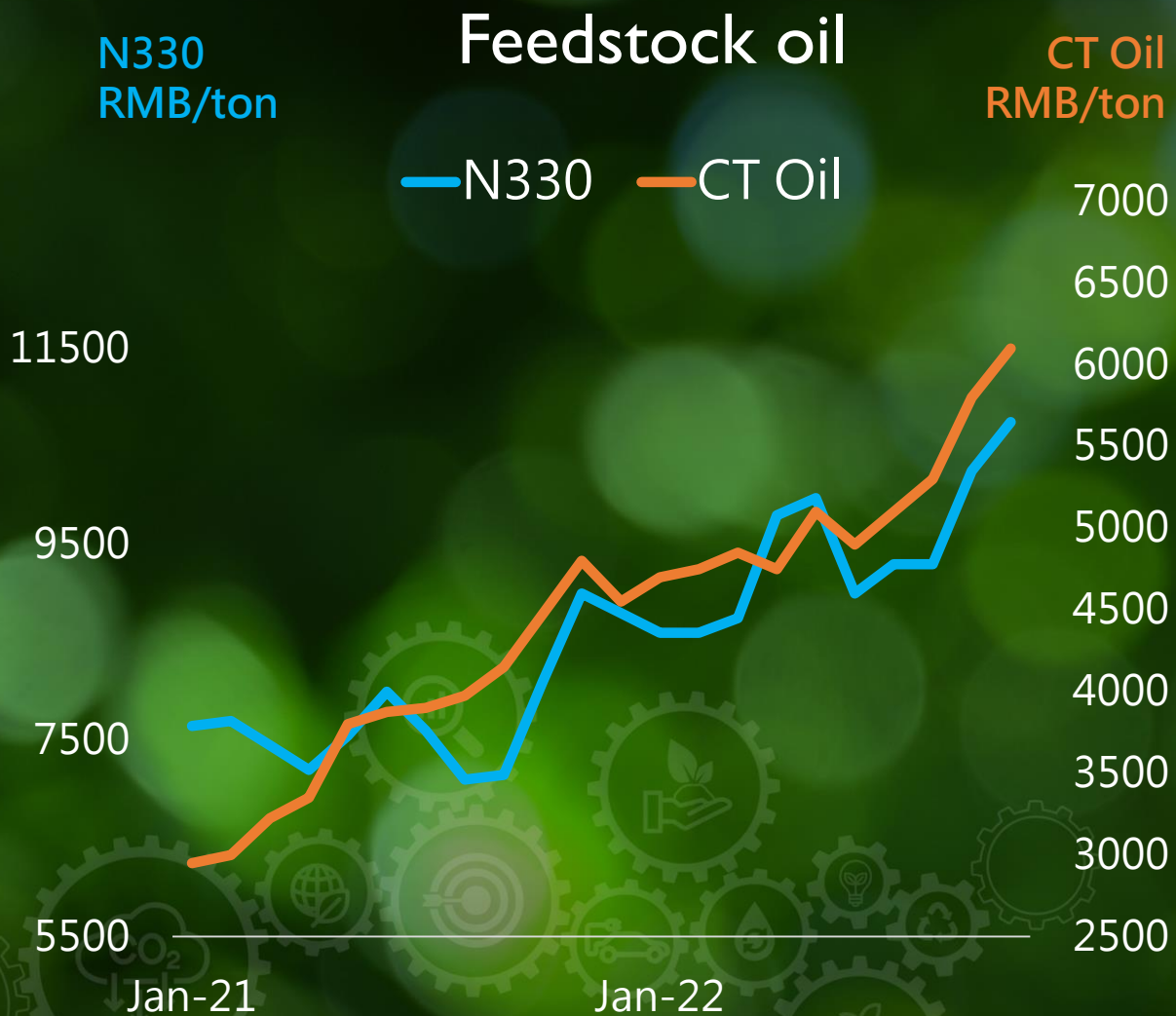
Feedstock Oil Price

(USD/ton)

— CST180 (TW) — HSFO (US · India) — CT Oil (China)



CB Market in China



Social Contribution



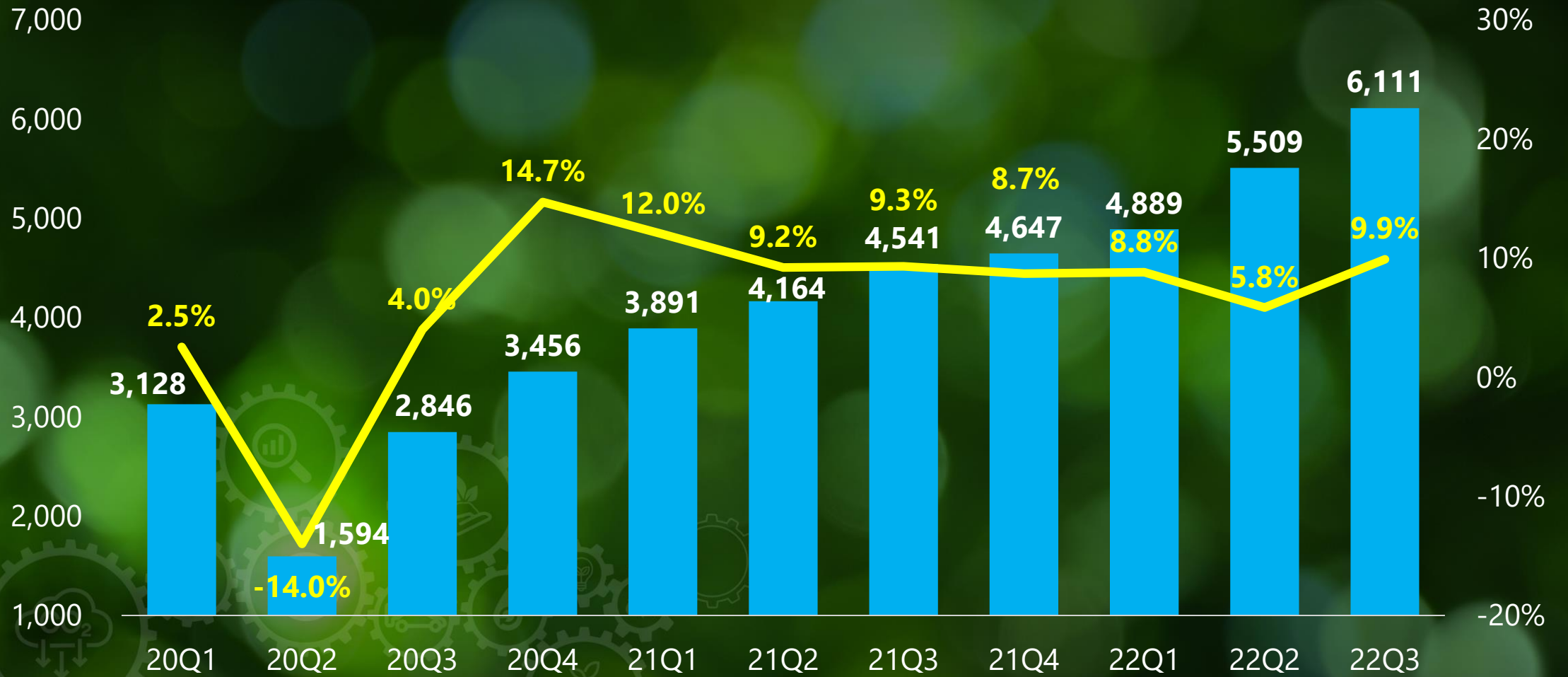
03 Operating Results



Carbon Black Sales & Gross Profit Margin

NTD million

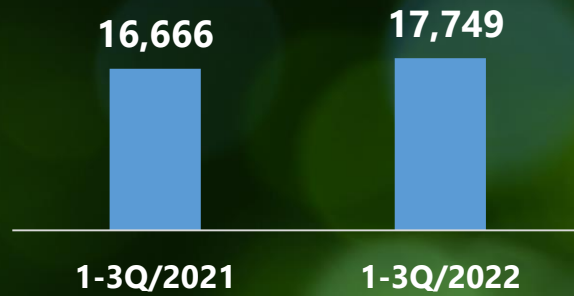
■ Sales — GM %



Operating Results

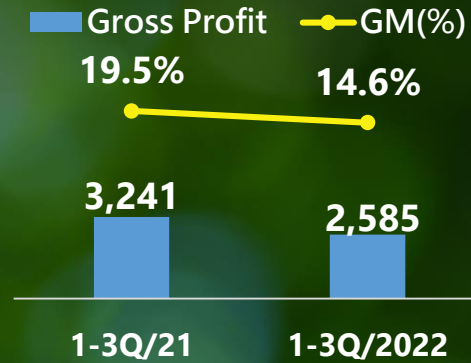
Revenue

NTD million



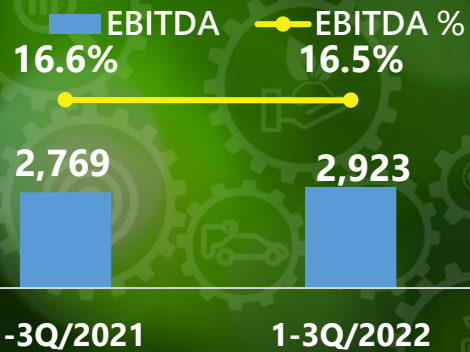
Gross Profit & %

NTD million



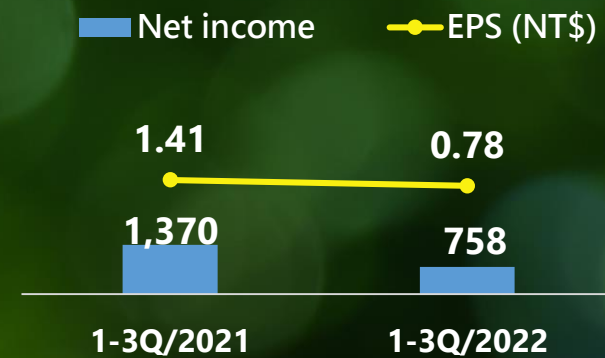
EBITDA & %

NTD million



Net Income & EPS

NTD million



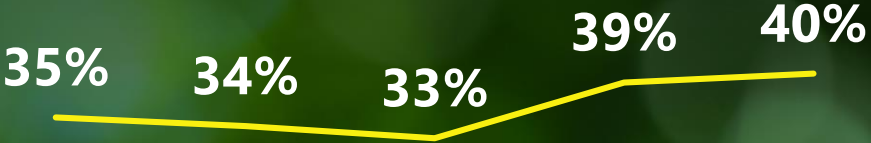
Financial Structure

Current Ratio



2018 2019 2020 2021 3Q/2022

L/A



2018 2019 2020 2021 3Q/2022

Interest bearing debt/Assets



2018 2019 2020 2021 3Q/2022

Book value/Share



2018 2019 2020 2021 3Q/2022

We Appreciate Your Listening!

