

**1Q 2021**

***International CSRC Investment Holdings Co.***

***Investor's Conference***



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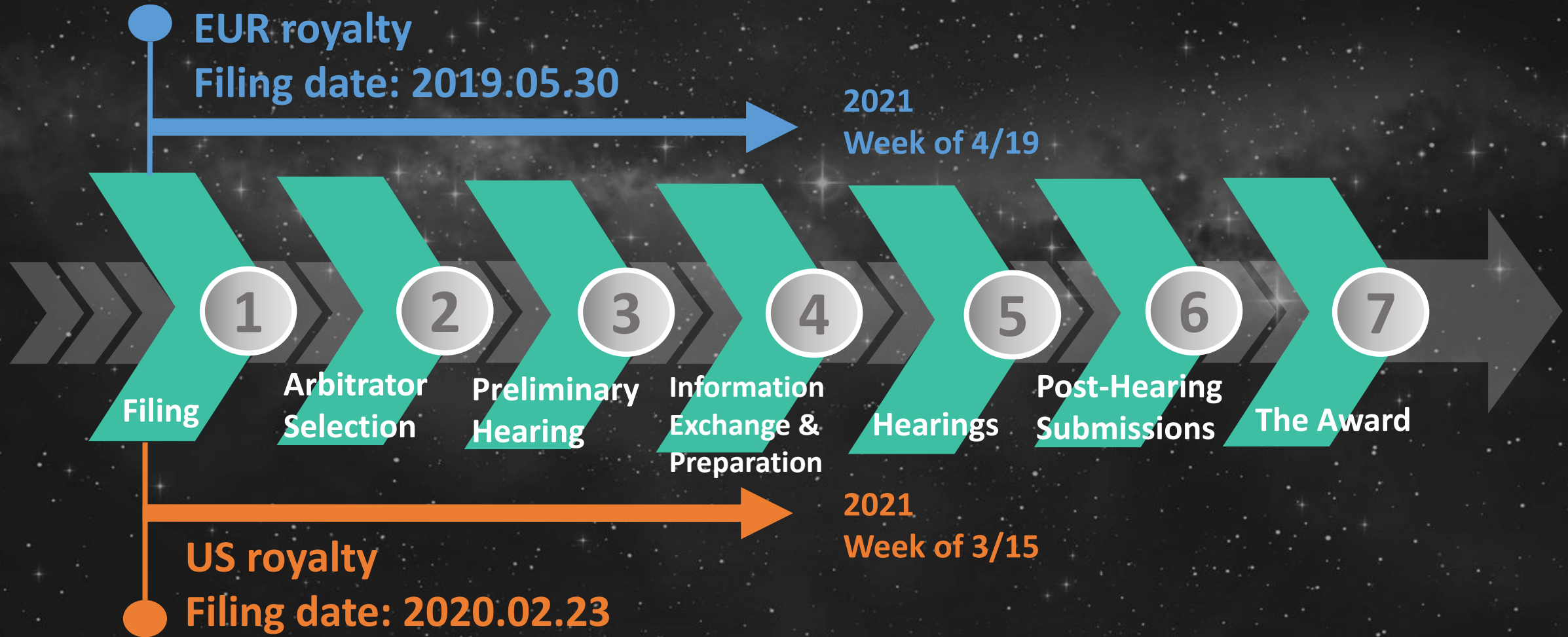


**01**

***Biotech Segment***



# Arbitration





# Original Intention

**Experts estimate that 5,000 to 10,000 people have Pompe disease worldwide**



**02**

***Carbon Black Segment***



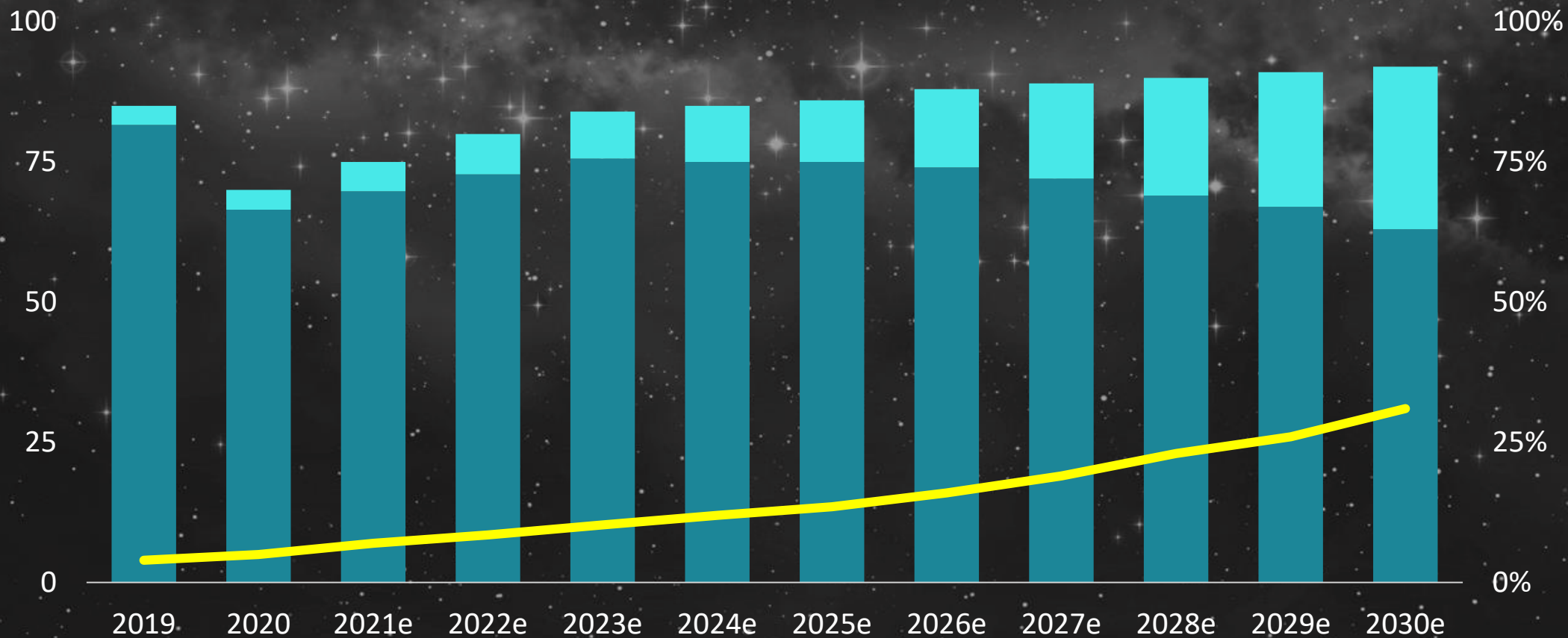


# World Auto Sales 2019-2030

Global passenger vehicle sales  
(million units)

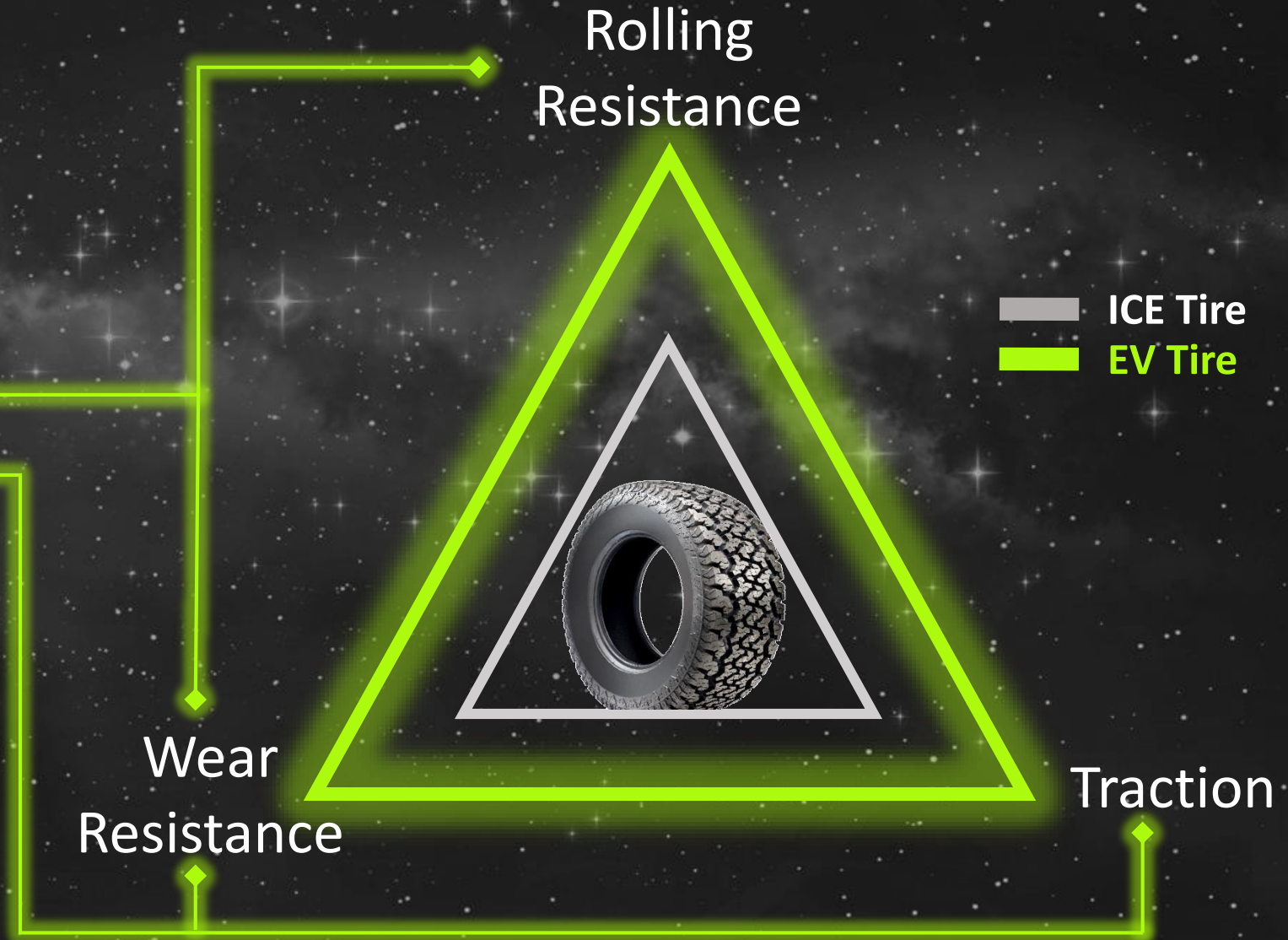
Global EV market share  
(%)

ICE EV EV market share



# EV Tire Requirement

	ICE	EV
Car length	465 cm	469 cm
Car width	180 cm	185 cm
Car height	140 cm	140 cm
Car weight	1,300 kg	<b>1,600-1,900 kg</b>
Torque	18 kgm	<b>40 kgm</b>

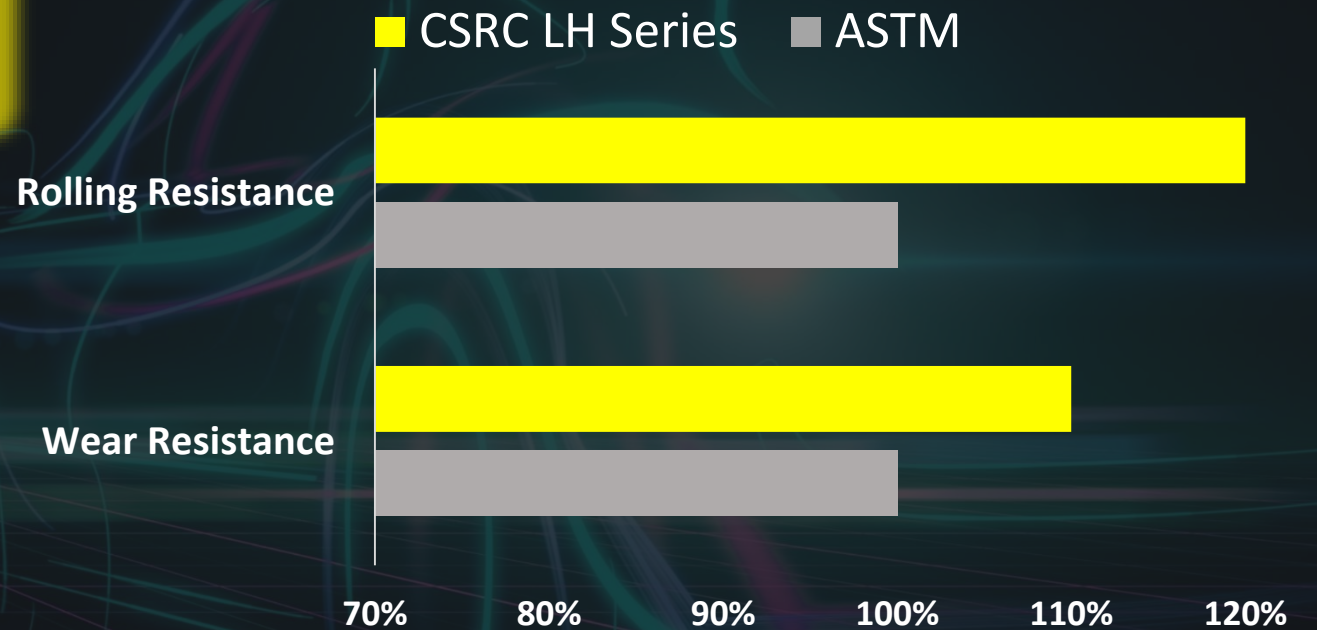




# CSRC Carbon Black for EV Tires

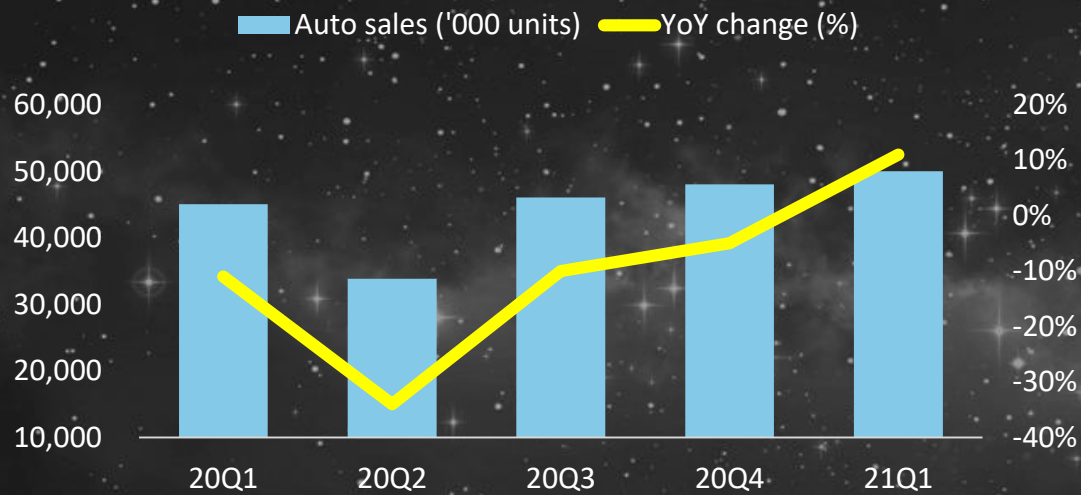
## CONTINEX

LH Series CB designed for EV Tires

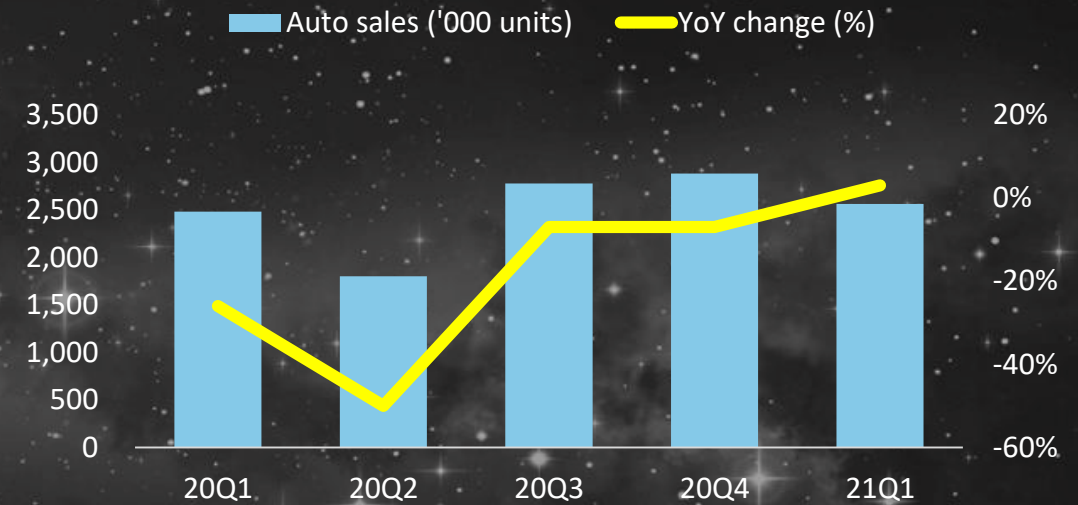


# Auto Market Recovered as Expected

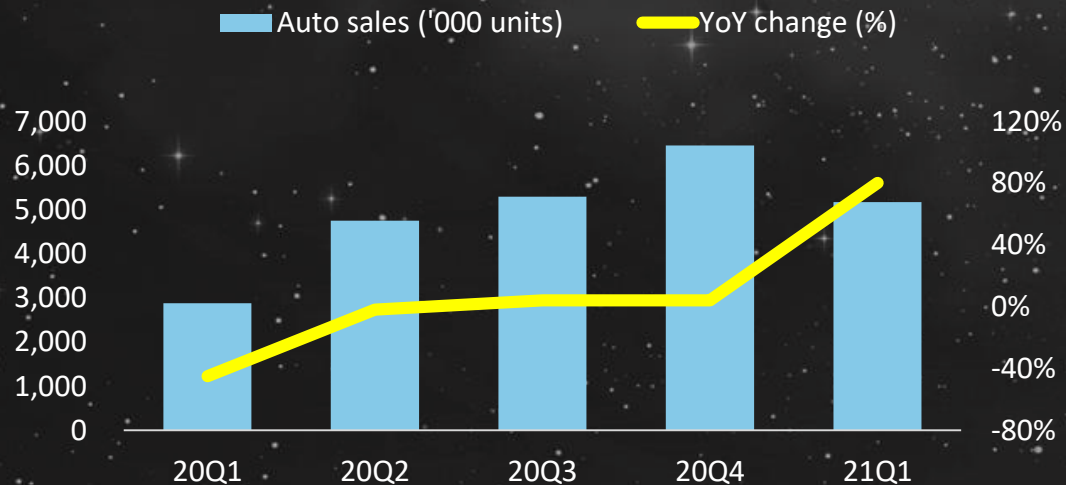
## US auto sales



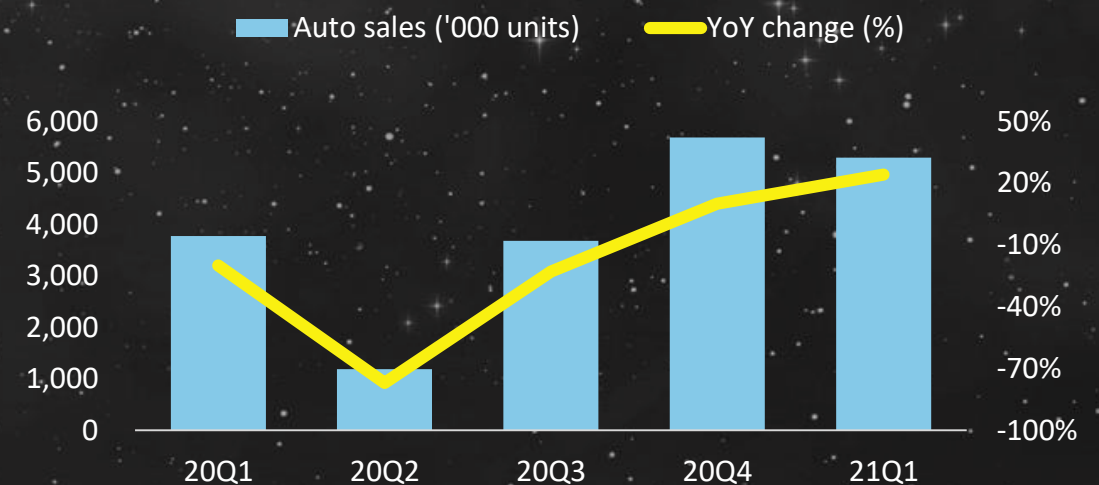
## EU auto sales



## Mainland China auto Sales



## India auto sales





# World Tire Production 2019-2030

3,000 (million units)

2,500

2,000

1,500

1,000

500

0

2019

2020

2021e

2022e

2023e

2024e

2025e

2026e

2027e

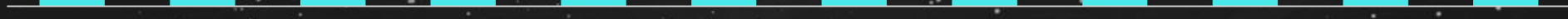
2028e

2029e

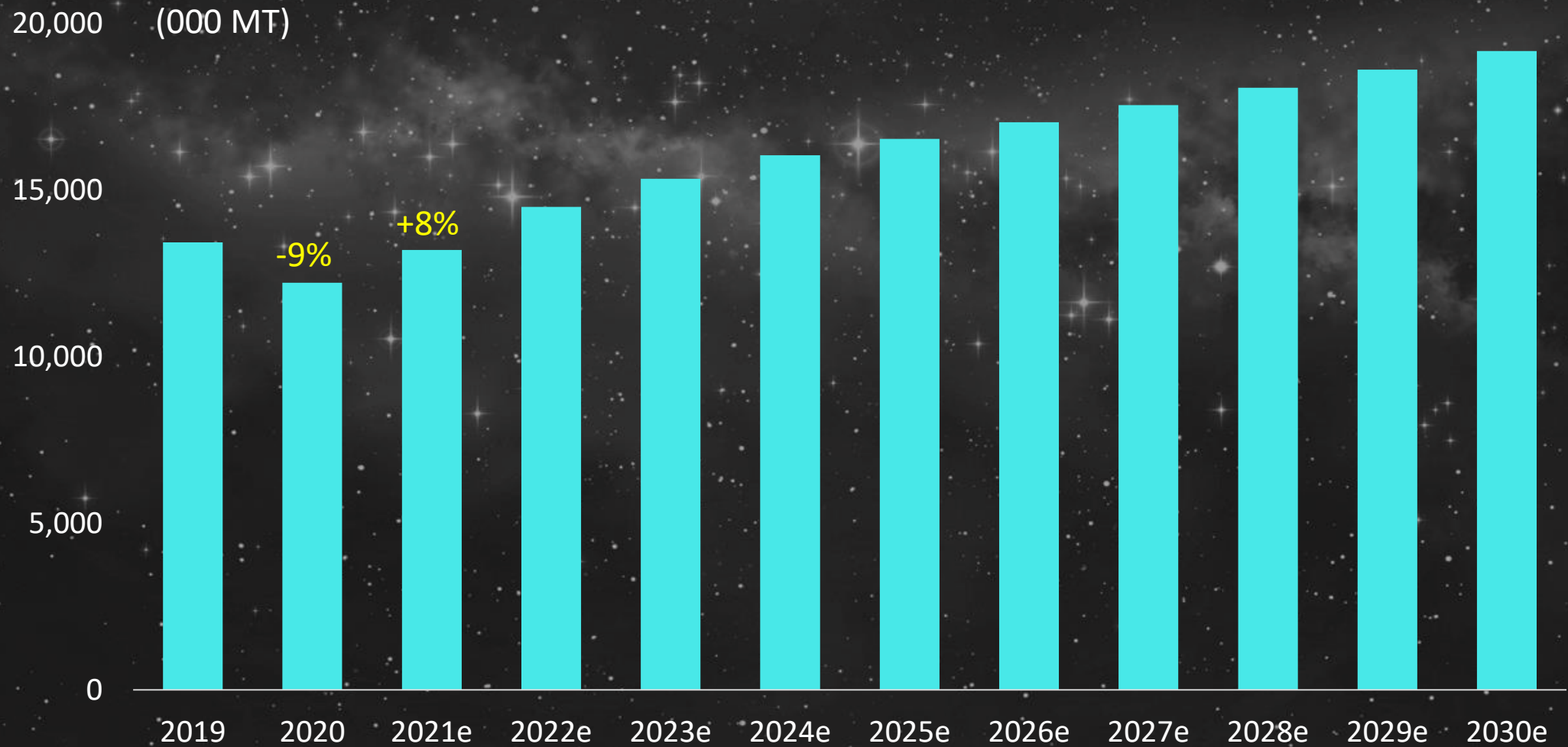
2030e

-14%

+10%

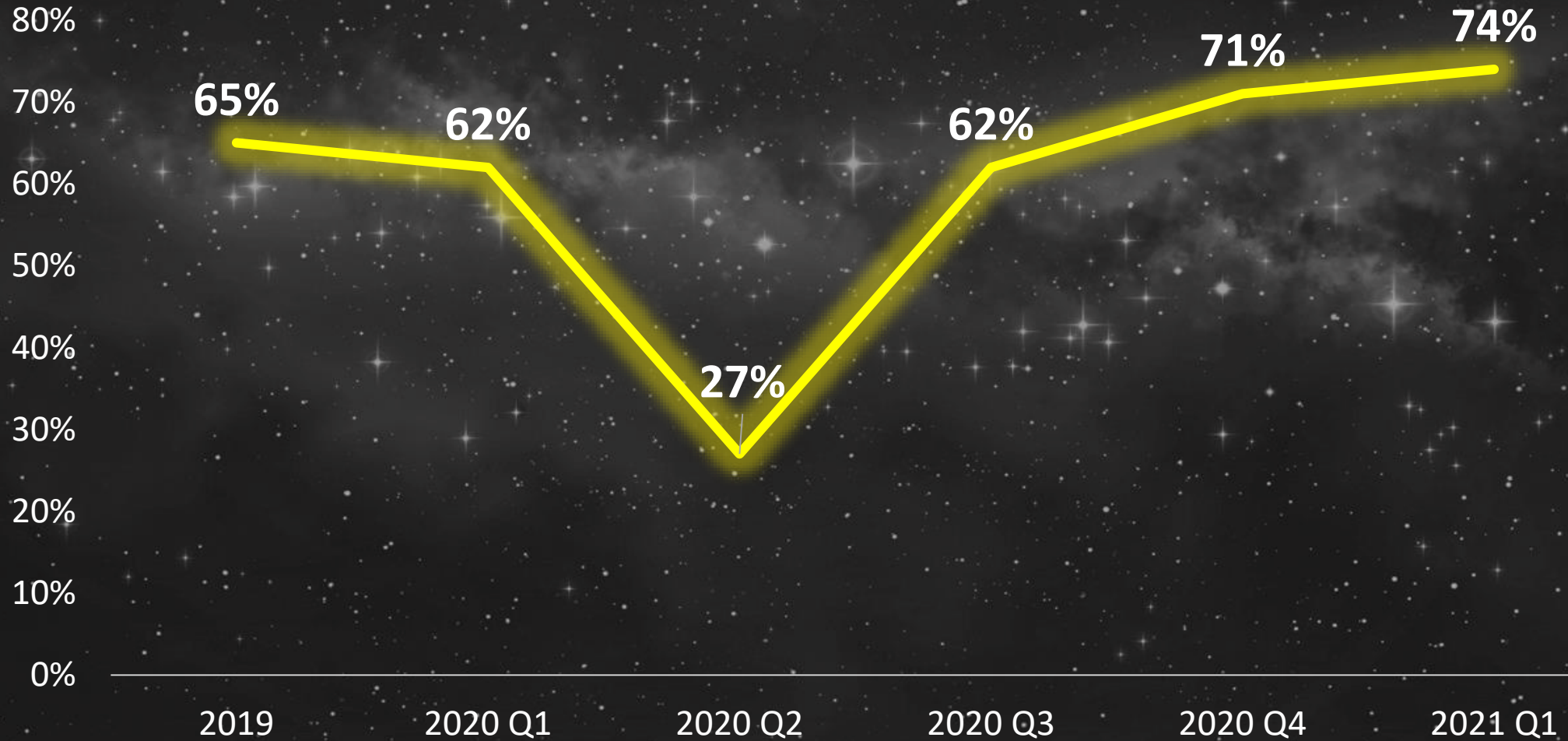


# World CB Demand 2019-2030

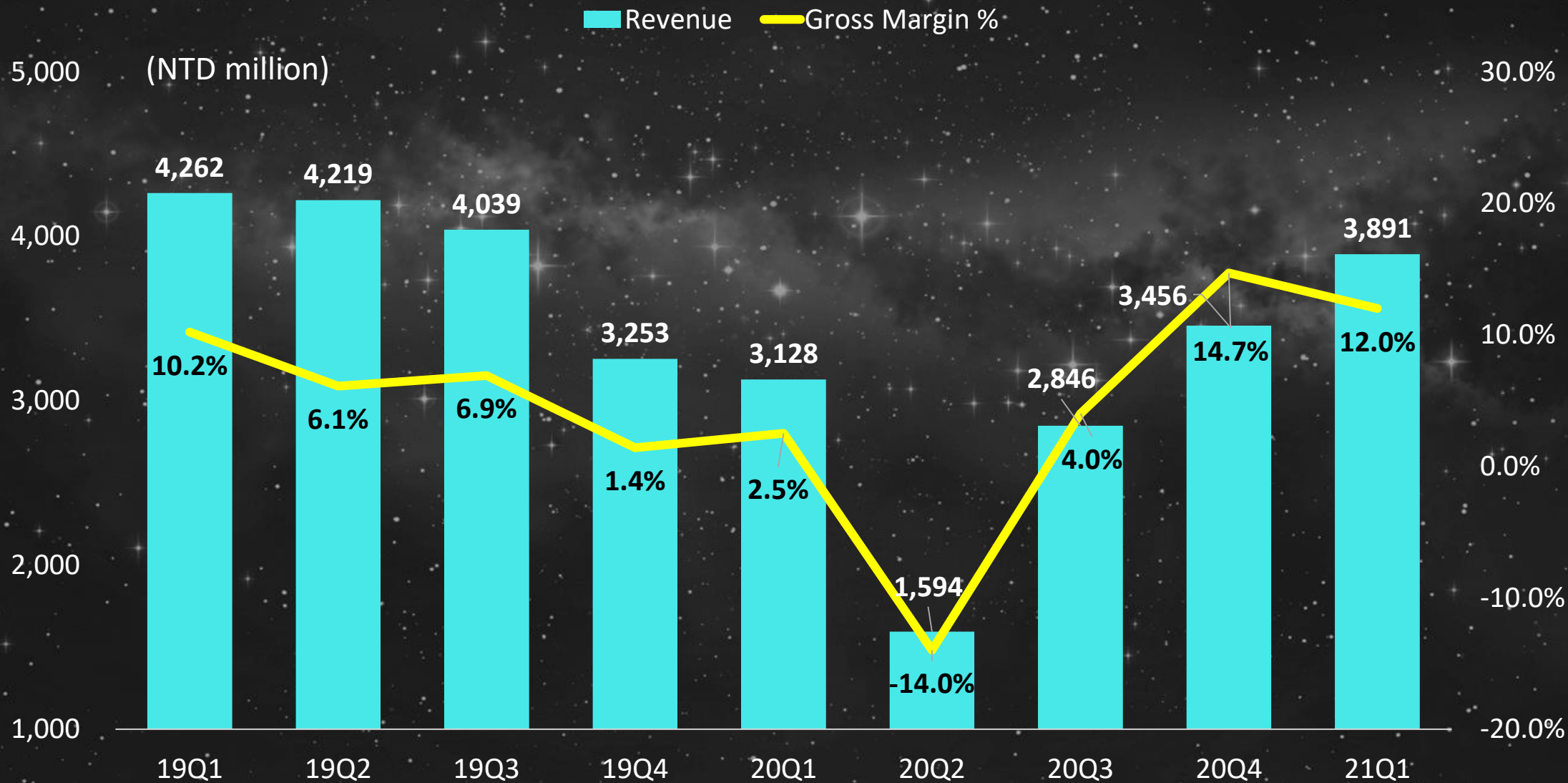




# CSRC CB Utilization Rate



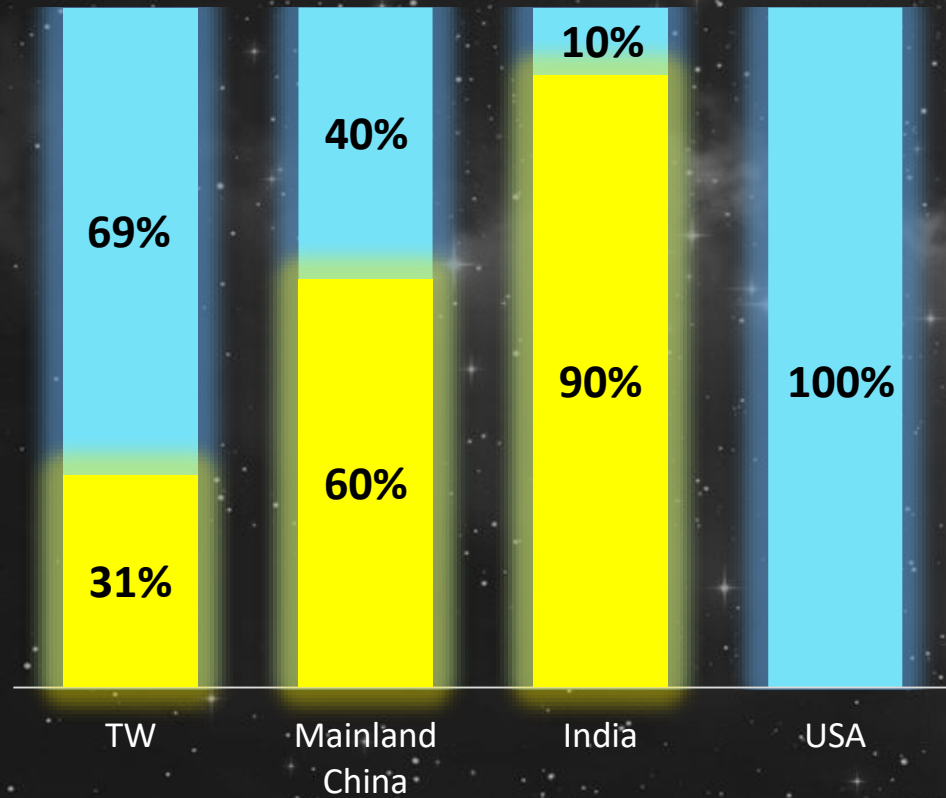
# CSRC CB Operating Results





# Harmony with Nature (1/2)

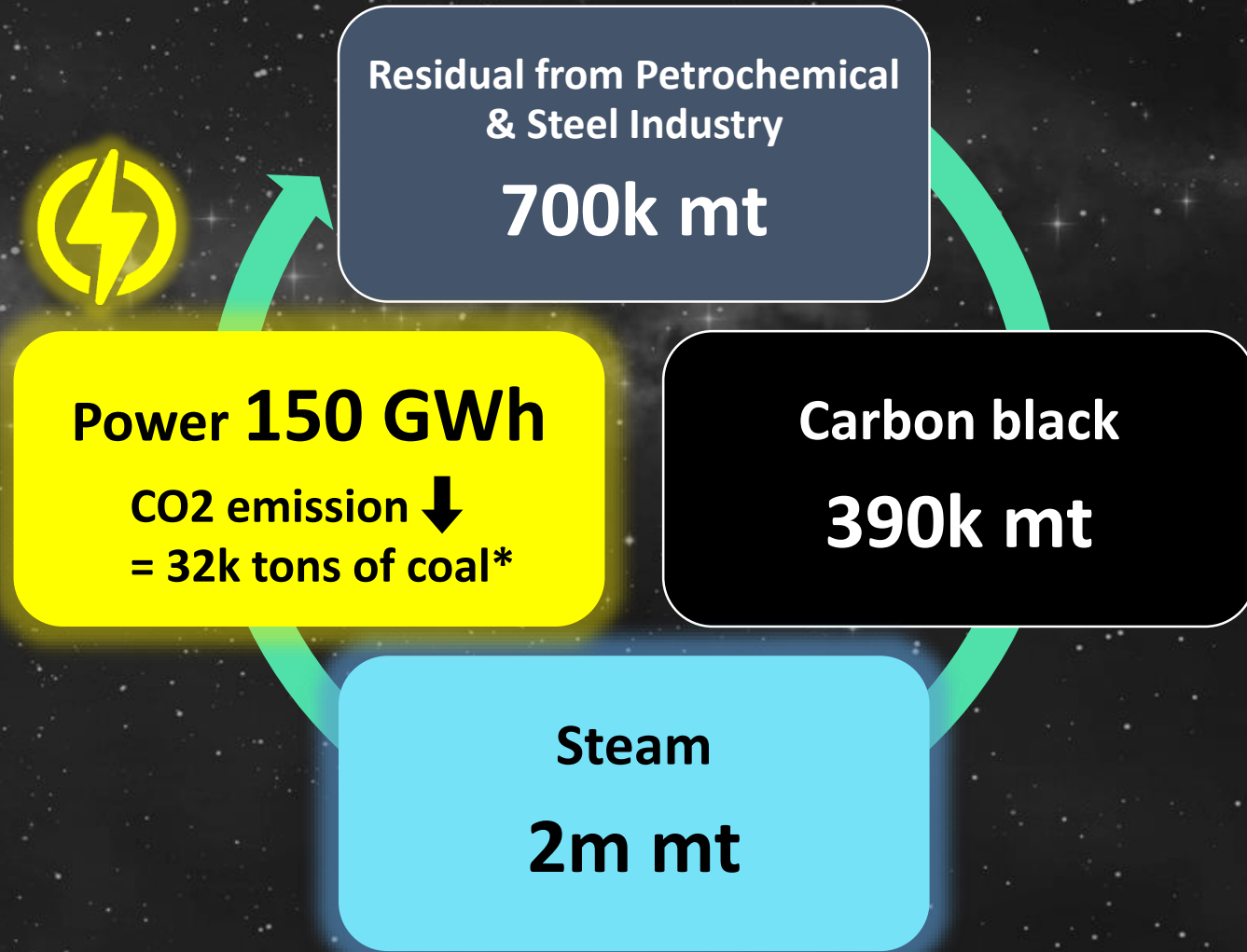
Steam produced from production



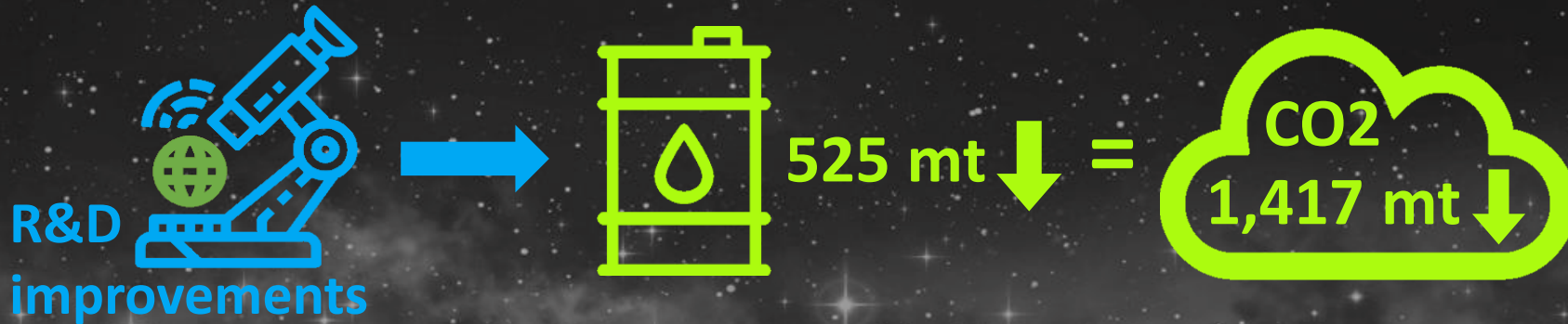
■ Steam to power ■ Steam for internal use & export

Note: 2020 figures

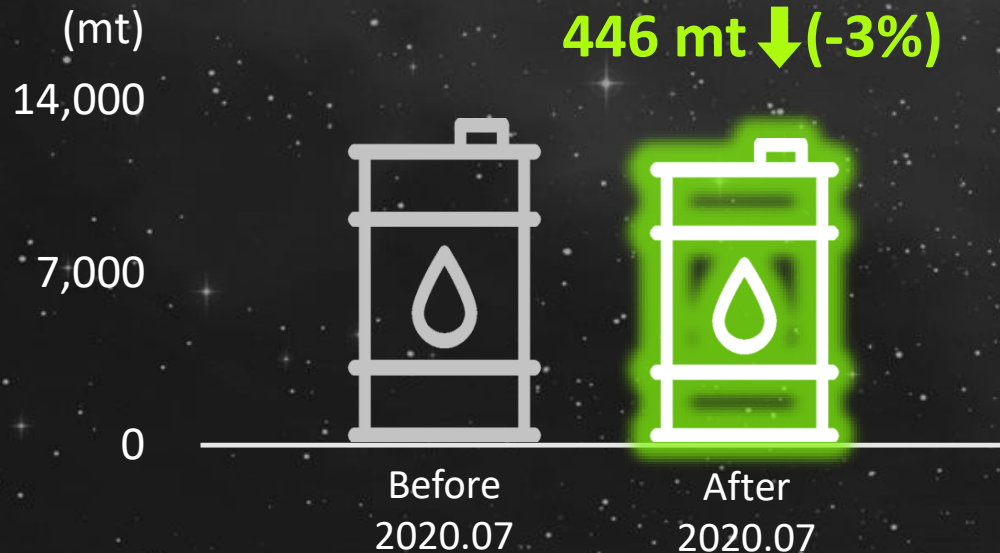
\*Carbon emission coefficient of electricity=0.509 kg CO<sub>2</sub>e/kwh, carbon emission coefficient of other bituminous coal=2.408 kg co<sub>2</sub>e/kg, according to R.O.C. Environmental Protection Administration



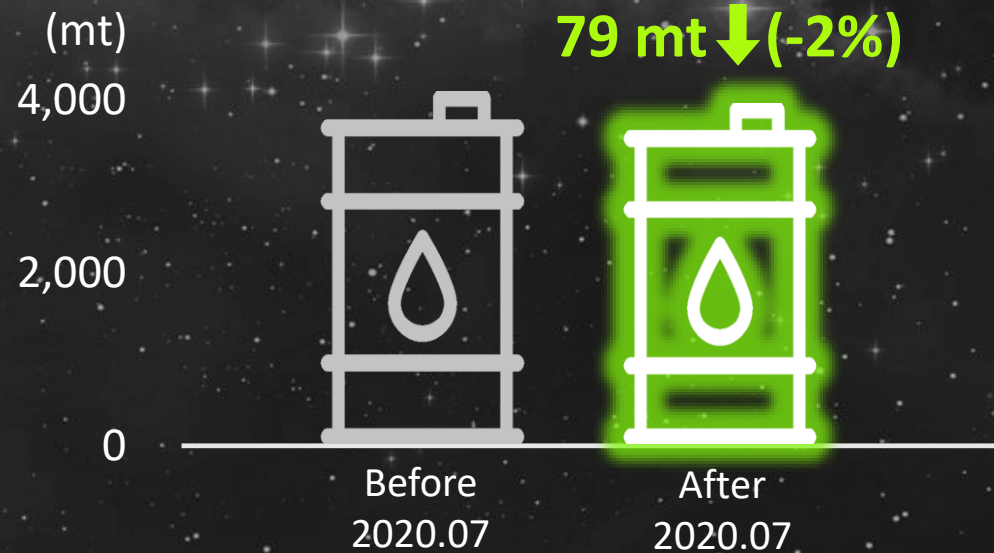
# Harmony with Nature (2/2)



Maanshan N234 oil consumption



Maanshan N330 oil consumption



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



## Focus on High-Value Products (1/2)

### *Skin & Water Contact*

EU regulations:  
Low PAHs amount in  
rubber and plastic goods  
as PAHs are hazardous to  
skin and respiratory tract.



Compliant to  
BfR Standards



## Focus on High-Value Products (2/2)

### *High Reinforcement CB*

Designed for:

Engineering vehicle tire tread

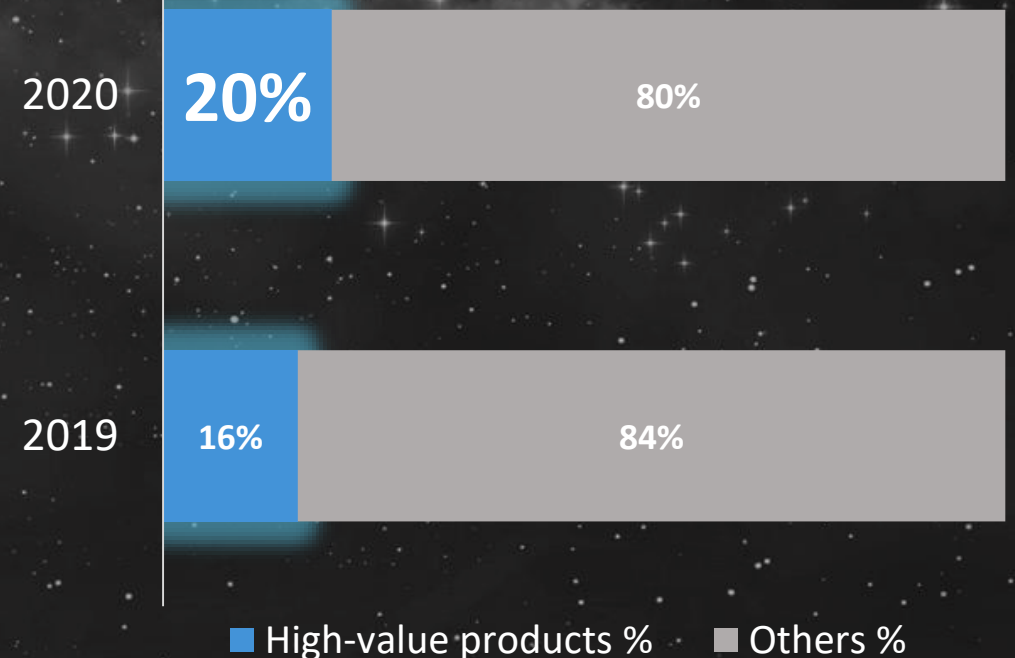
Heavy duty truck tire tread

Sedan & light truck tire tread



### High-Value Products Sales Volume Increased Despite COVID-19

**+10% y/y**





# CSRC Product Development



*Low Rolling  
Resistance Tire*

*Non-Tire  
Rubber*

*Plastics  
Ink & Coating*

*Conductive*

# CSRC Product Development – Plastics

## *Plastic Goods*

*Targets :*

*Engineered Plastics*

*Plastic Film*

*Anti - Static (Cables & Wires, IC Tray...)*



*Smoother Surface & Better Pigmentation*

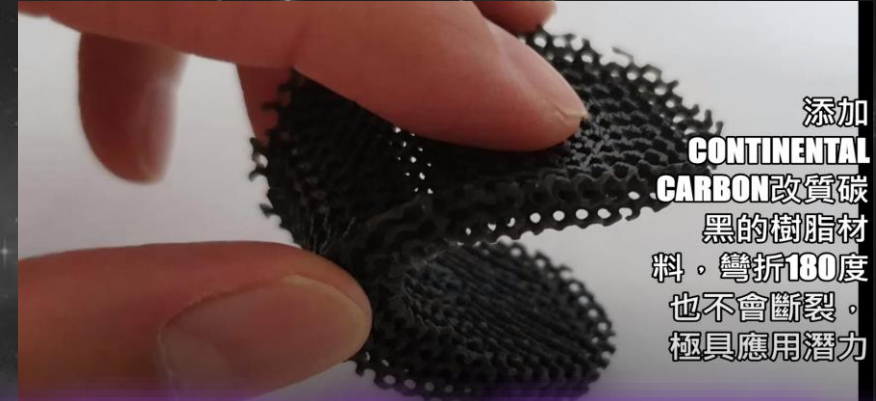




# CSRC Product Development – Ink & Coating



*Ink & Coating: Cover Lens Ink*



添加  
**CONTINENTAL**  
**CARBON**改質碳  
黑的樹脂材  
料，彎折180度  
也不會斷裂，  
極具應用潛力

*Ink & Coating: 3D Printing*



# Global Customers

Cultivate Relationships with Global Customers &  
Develop High-Value Products to Meet Future Demand





# CSRC Sustainable Strategy

## Create Long-Term Value for the World

### High Value Products

Innovate and focus on high-value grades

### Global Accounts

Cultivate relationships with global customers

### Operation Management

Improve production efficiency & reduce CO2

### Harmony with Nature

Value natural resources & Reduce emissions



# Promoting Circular Economy – Eco-friendly Carbon Black Eraser





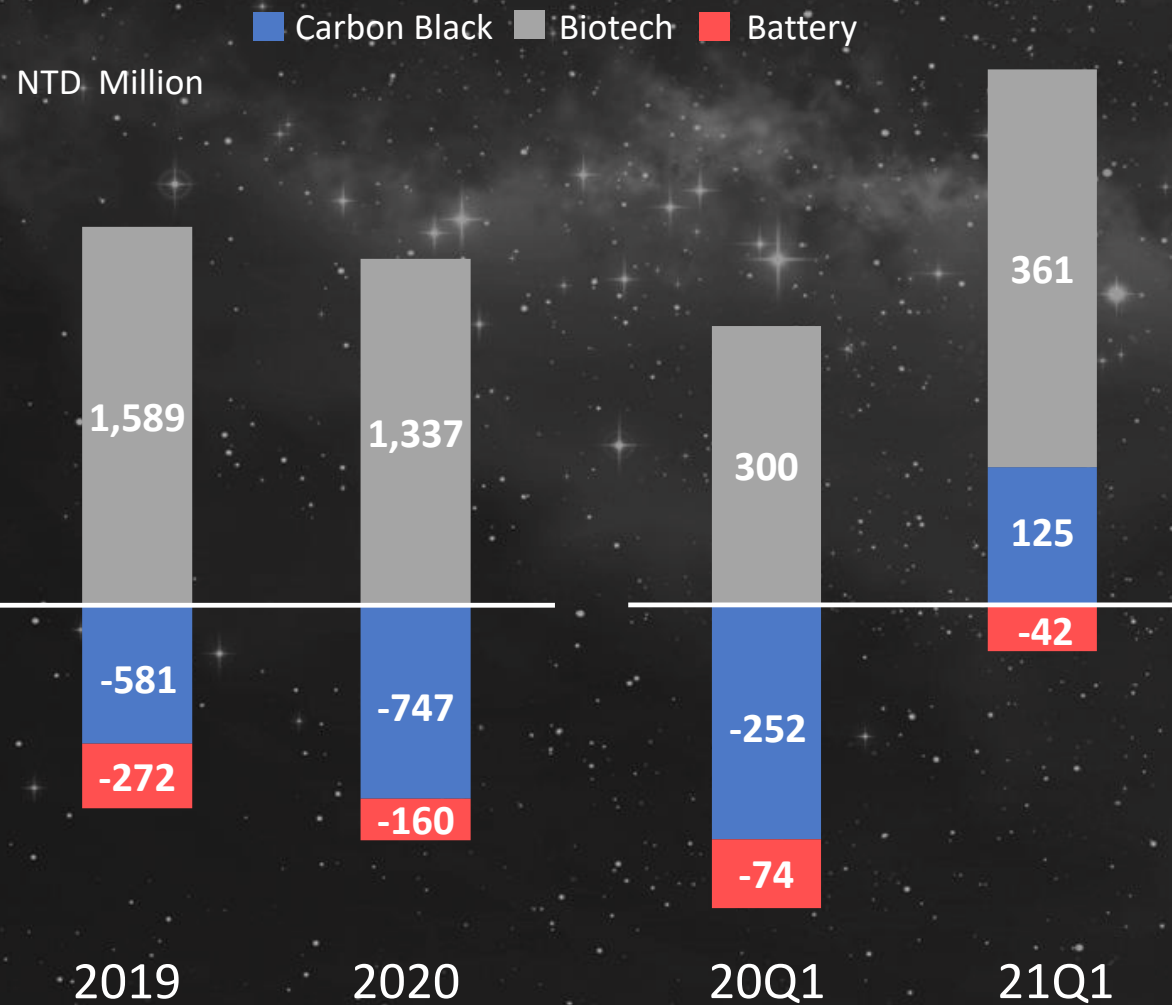
**03**

***Operating Results***

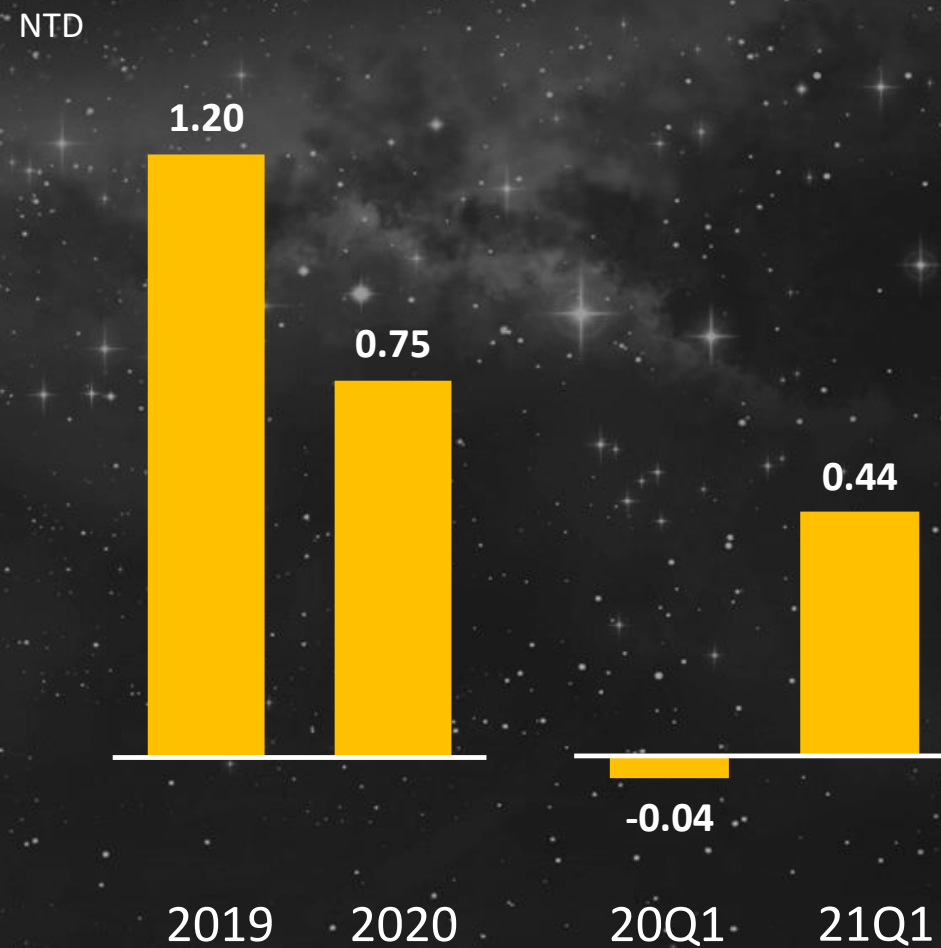


# Net Income by Segment & EPS

## Net Income by Segment



## EPS





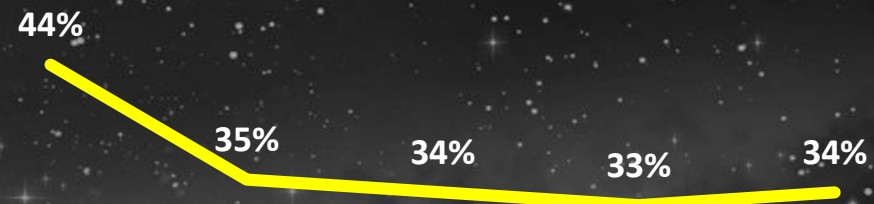
# Financial Structure

## Current Ratio



2017 2018 2019 2020 21Q1

## Debt Ratio (L/A)



2017 2018 2019 2020 21Q1

## Interest Bearing Debt/Asset



2017 2018 2019 2020 21Q1

## Book Value/Share



2017 2018 2019 2020 21Q1

## Disclaimer

The forward-looking statements contained in this presentation are subject to risks and uncertainties and actual results may differ materially from those expressed or implied in these forward-looking statements.

International CSRC Investment Holdings Co. makes no representation or warranty as to the accuracy or completeness of these forward-looking statements and nor does International CSRC Investment Holdings Co. undertake any obligation to update any forward-looking statements, whether as a result of new information or future events.





***Thank You!***

[csrcir@csrcgroup.com](mailto:csrcir@csrcgroup.com)