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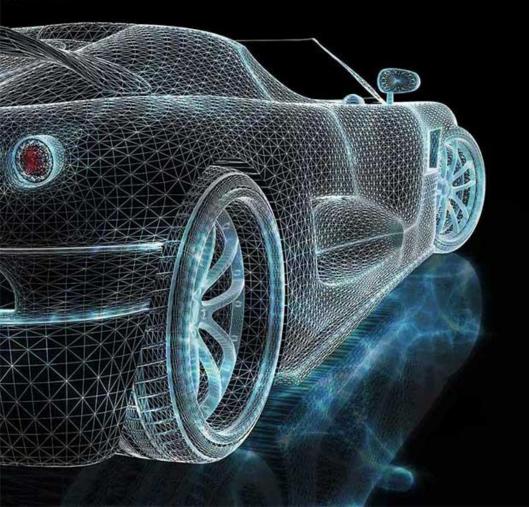
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Agenda



- Financial Performance
- 102 Industry Trends Favor Growth in SAI's Business

World Leading Aluminum Forged Wheel Supplier for Luxury and Premium Automobiles

- 04 Lightweighting is essential to xEVs
- **105** The SAI Vision for Future Growth

06 SAI Technology



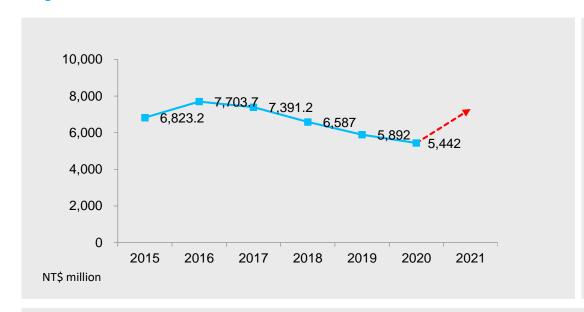
2021 v 2020 1H Performance

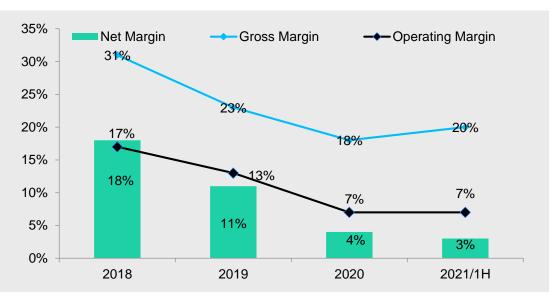
◆ YOY grew 61%, turned loss to profit

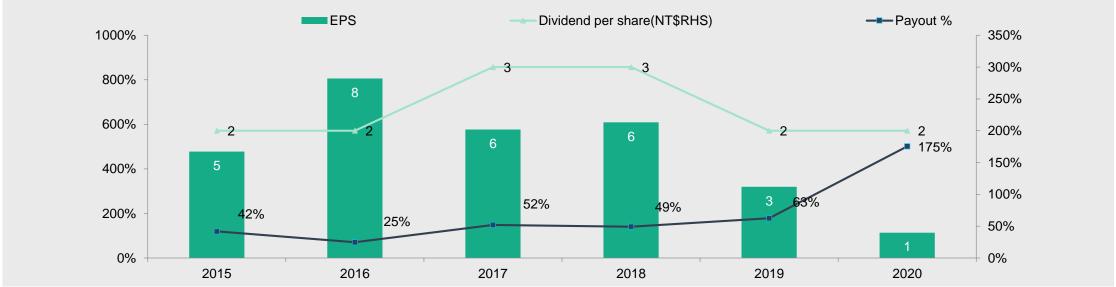
NT\$ million	2021/1H	2020/1H	YOY	2020/2H
Sales Revenue	3,788	2,355	61%	3,087
Gross Profit	749	48	1448%	943
Operating Profit	267	(272)	Positive	653
Income before tax	134	(232)	Positive	492
Net Income	114	(190)	Positive	412
EPS (NT\$)	0.58	(0.97)	Positive	2.11



Key Financial Indicators







2019-2021/1H Balance Sheet

NT\$ million	2019	2020	2021/1H
TOTAL ASSETS	16,982	16,820	16,456
Cash	1,143	1,247	1,245
NR & AR	697	795	876
Inventory	4,986	5,072	4,960
PP&E	9,631	9,274	8,893
Others	525	432	482
TOTAL LIABILITIES	9,576	9,580	9,500
Bank Loans	8,232	8,238	7,612
AP	74	120	101
Others	1,270	1,222	1,787
TOTAL EQUITY	7,406	7,240	6,955
A/R turnover days	52	51	56
Inventory turnover days	99	108	140
A/P turnover days	79	78	77
Cash conversion cycle	72	80	119



Industry Trends Create Multiple Growth OPPs

1. IEA released World Energy Outlook 2021

Countries around the world have made carbon neutral commitments. Finland in 2035, Austria and Iceland in 2040, the European Union, Canada, South Africa, Japan, the United Kingdom, France, Denmark and other countries have committed to 2050, and China announced that it will be realized by 2060.

2. By 2026, automotive aluminum content will increase by 12% compared to 2020

According to Aluminum Association, it is confirmed that aluminum is the fastest-growing automotive material, and the content of each car is expected to increase to 514 pounds by 2026. The design evolution of lightweight structure is driving the development and demand of aluminum, and the market penetration rate continues to increase.

3. Automakers will apply more recycled aluminum parts to reduce carbon emissions

BMW requires suppliers to use more than 50% of recycled aluminum by 2025; JLR increases the proportion of recycled aluminum used, which can reduce the carbon emissions of the production process by 26% within a few years. Audi, Toyota, and VW have all launched plans to use recycled aluminum. **Compared with primary aluminum, secondary aluminum manufacturing can reduce energy consumption by up to 95%.**

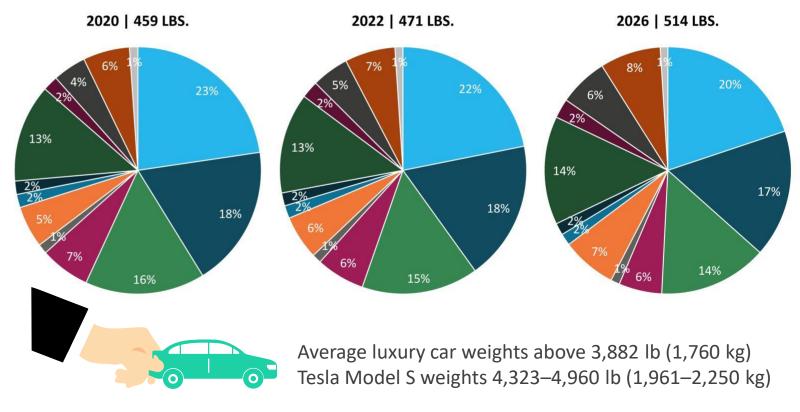


Source: Ducker Frontier
Industry News
2021/2022 Industrial While Papers

Vehicles Will Use More Aluminum Components for Lightweighting

System PPV	2016	2020	2022	2026
Engines	110	104	103	102
Transmissions & Drivelines	83	85	86	86
Wheels	65	72	72	73
Heat Exchangers	32	30	30	29
Heat Shields	6	6	6	6
Suspensions/Cradles/Subframes	21	25	27	37
Steering Components	8	8	8	8
Brakes	8	8	8	8
Closures	41	59	62	73
CMS	7	9	11	13
Body Stamping	11	20	23	33
Other Body	14	28	31	41
All others	5	5	5	5
Total	411	459	471	514

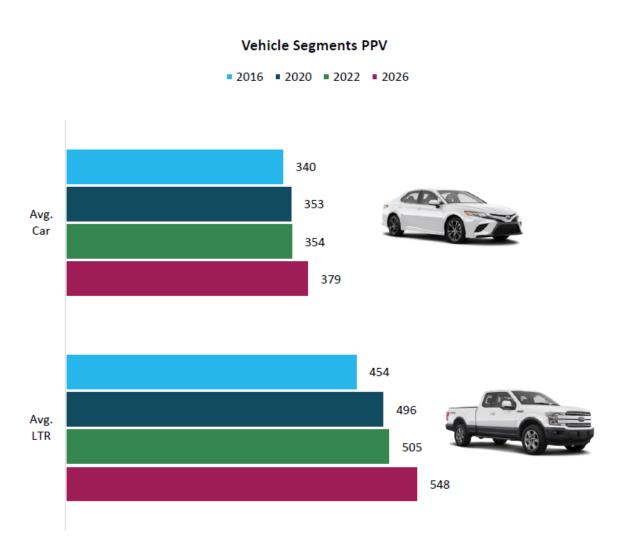
As closures and body structures continue to grow in aluminum penetration, suspension components are also projected to increase in share. Parts dedicated to battery electric vehicles (e.g. battery box, motor housing, converter housing, BMS housing, etc.) will also expand its use of aluminum to offset weight gain.



Source: Ducker Frontier
Source Ducker Frontier

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D/E Segments and Sports Cars Use More Aluminum Components than Average to Achieve Lighter Weight, Safer and Better Handling



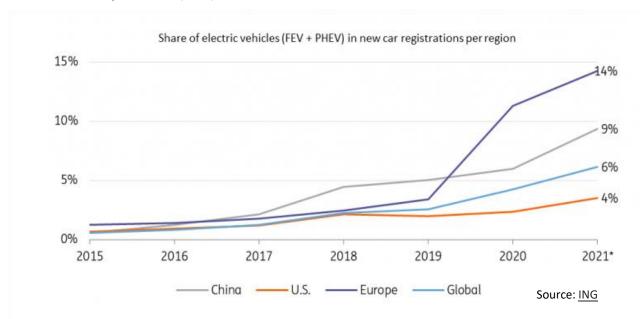
Segment	2016 PPV	2020 PPV	2022 PPV	2026 PPV
A Segment Car	297	304	N/A	N/A
B Segment Car	248	258	259	294
C Segment Car	285	270	278	288
D Segment Car	366	423	427	471
E Segment Car	537	519	626	834
Average Car	340	353	354	379
Segment	2016 PPV	2020 PPV	2022 PPV	2026 PPV
B Segment LTR	251	241	258	260
C Segment LTR	314	357	364	412
D Segment LTR	402	410	435	477
E Segment LTR	574	654	671	721
Average LTR	454	496	505	548
Segment	2016 PPV	2020 PPV	2022 PPV	2026 PPV
Total Average	411	459	471	514

Source: Ducker Frontier

Global sales performance of new electric vehicles

Europe leads the EV-transition followed by China and the US

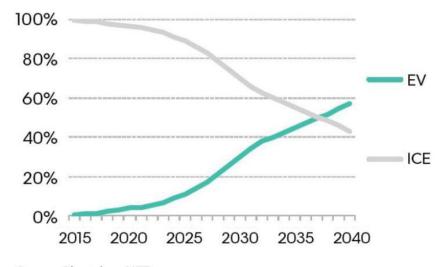
At the start of 2021, a mere 1% of the global rolling car fleet had a power plug (10 million units). The pandemic turned out to be an accelerator for the development and sales of EVs. BNEF expects the global share of EVs (full electric vehicles - FEV and plug-in hybrid electric vehicles - PHEV) in new sales to increase by 50%, from 4% to 6% in 2021, and rising further to 8% in 2022. Europe leads the world here, with EVs making up an expected 14% in new sales in 2021, followed by China (9%).



Bloomberg predicted annual EV car sales: 10 million in 2025, 28 million in 2030 and 56 million in 2040.

Global EV and ICE share of long-term passenger vehicle sales

Share of annual sales



Source: BloombergNEF











2022 296GBTFront: 20x9 (12.469kg)

Rear: 20x11 (13.862kg)



Plug-in Hybrid Sports Car



SAI Supplies 22 xEVs (5 BEV: 17 PHEV)

Porsche Taycan 2x models (2019-至今)

Jaguar I-Pace (2018-至今)



BMW i8

Tesla Model X (2015-2018)

Tesla Roadster (2008-2012)



lesia Model X (2015-2018)



McLaren Artura



Ferrari Stradale



Porsche Panamera 4 E-hybrid



Volvo Polestar S60/V60



Range Rover SVA



Bentley Bentayga Hybrid



Lexus LC500 HEV



Porsche Cayenne E-hybrid



Acura NSX HEV



Material Shortage, Inflation, and Automakers' Carbon Neutrality Goals Speed Up SAI's Secondary Aluminum Forged Wheels Demand

800,000

Caron Neutrality	Automakers	
2030	Porsche, Bentley	
2035	Toyota	
2039	Daimler, JLR	
2040	GM, Volvo	
2045	Hyundai	
2050	VW, Audi, Ford, RR, Nissan	

2021 Jan-Oct Aluminum LME Price Growth





★SAI Secondary Aluminum Forged Wheels

Increase from 9% in 2020 to 26% in 2021



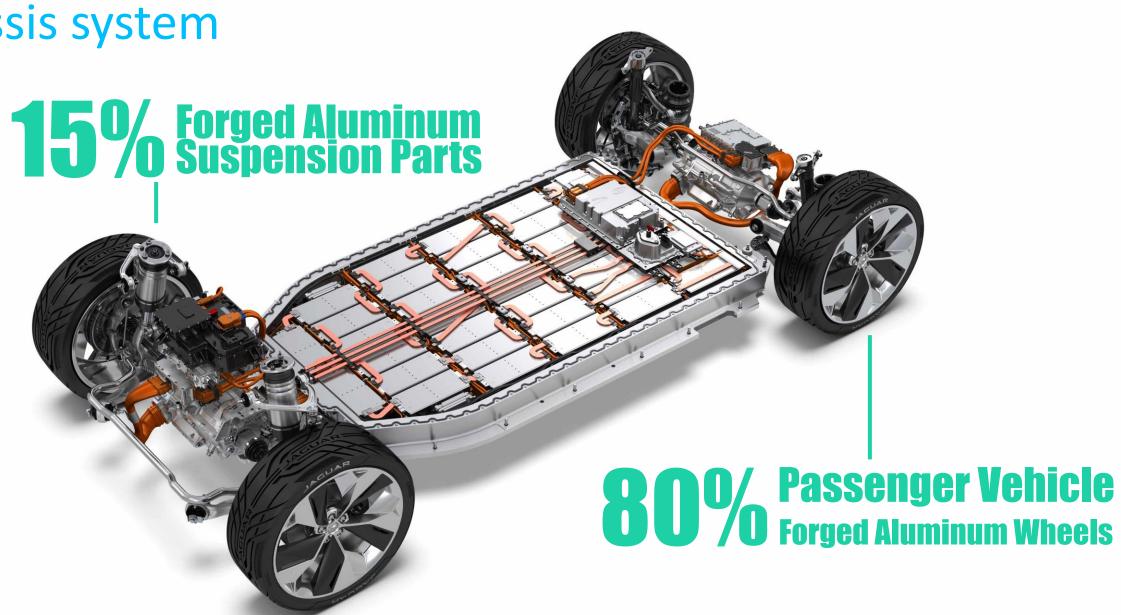
World Leading Aluminum
Forged Wheel Supplier for
Luxury and Premium
Automobiles



For 2 decades, we specialize in the manufacture of lightweight alloy products for the automotive industry

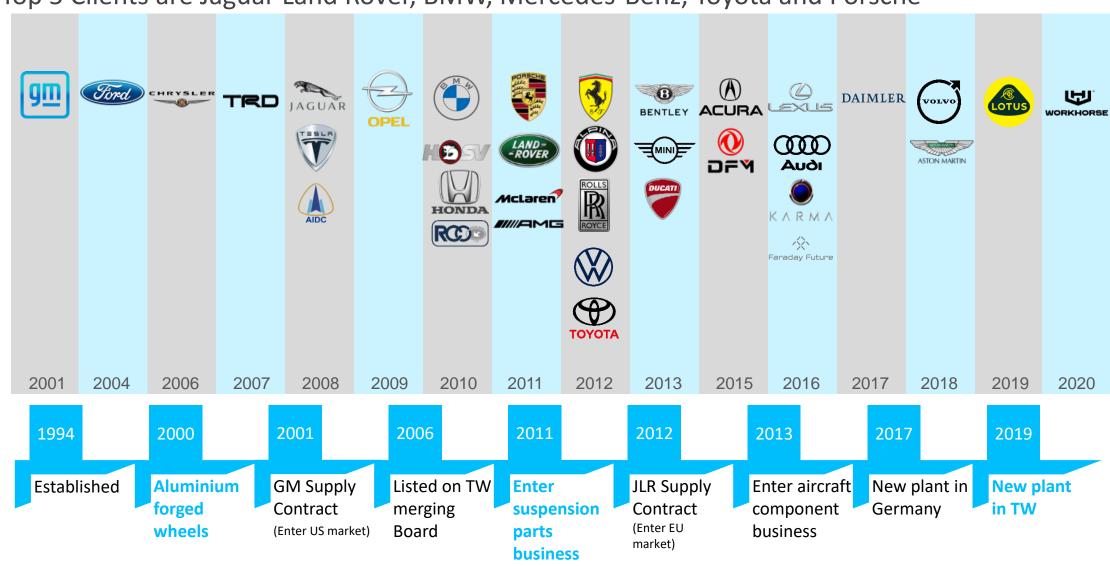
Forged wheels have historically been our key sales and profit driver

Focus on the strongest key components of the chassis system



Tier-One Supplier to Top Global Brands

- ◆ 2 decades of design and manufacturing experience
- Top 5 Clients are Jaguar Land Rover, BMW, Mercedes-Benz, Toyota and Porsche



SAI is Proudly Made in Taiwan

*Staff accumulated till 2021 Nov 2021 vs 2020 Capacity utilization rate



	Douliu	Pingtung	Freudenstadt
Forging			
Machining	Ø	Ø	
Polishing	Ø	Ø	
Painting	Ø	Ø	Ø
Testing	Ø		
Melting		Ø	
Capacity(pcs)	700,000	300,000	100,000





World-class Production Efficiency

SAI's excellent forged wheel manufacturing service:

- ◆ Support service of design, customization and pre-production
- ◆ Yield rate before painting process is above 97%
- ◆ Rigorous material, and functional and environmental tests to ensure the safety and highest quality of the wheel





Polishing

Manual Grinding
Robotic Grinding
Dynamic (Vibration)Polishing
Physical (Mechanical)Polishing

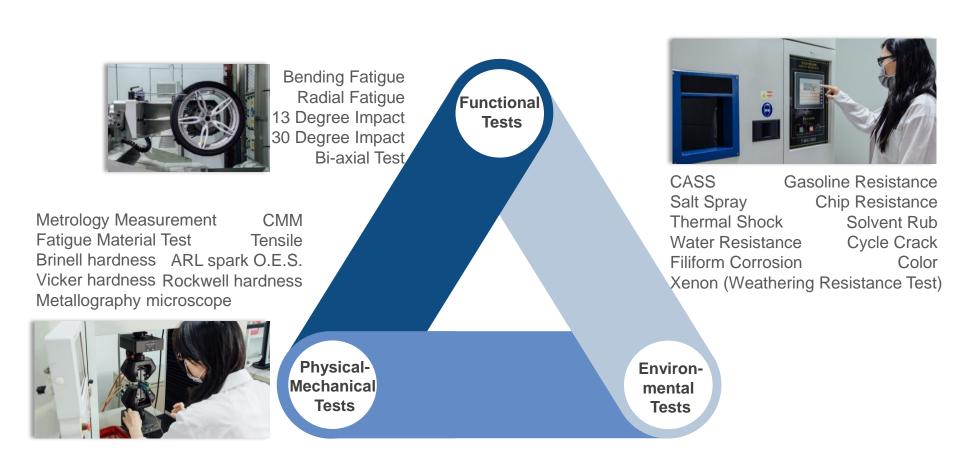


Painting

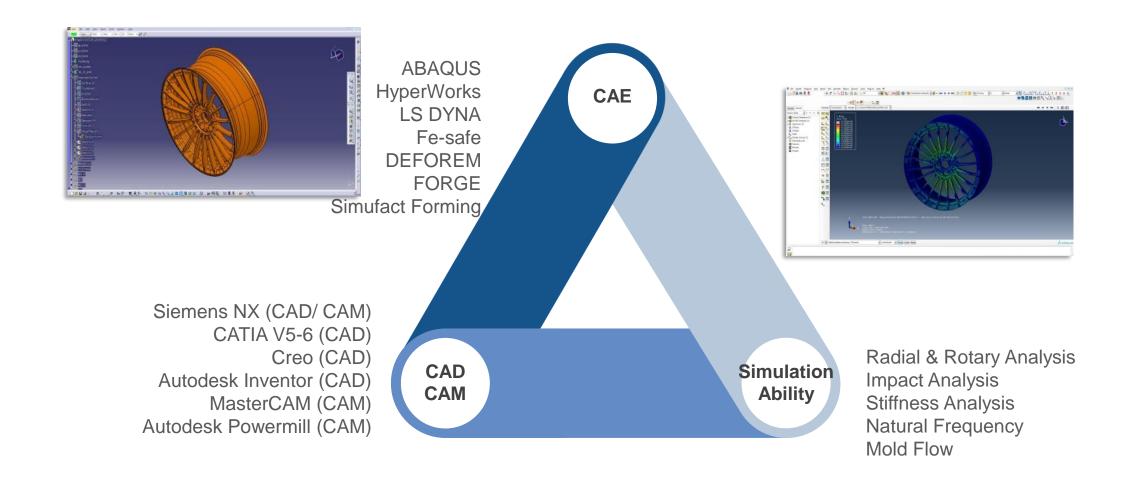
Manual Painting
Automated Painting
Masking
Powder Painting
Liquid Painting
Up to 6 Coats- 6 Bakes

Extensive Testing Ensuring Safety and Quality

- ◆ Complete quality system and professional safety laboratory testing.
- ◆ Develop QA technology, testing processes and accumulate related big data.
- Continuous improvement to achieve higher quality standards and better services.



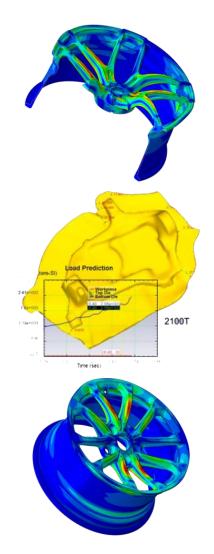
SAI Design & FEA Capability



Research & Development Capability

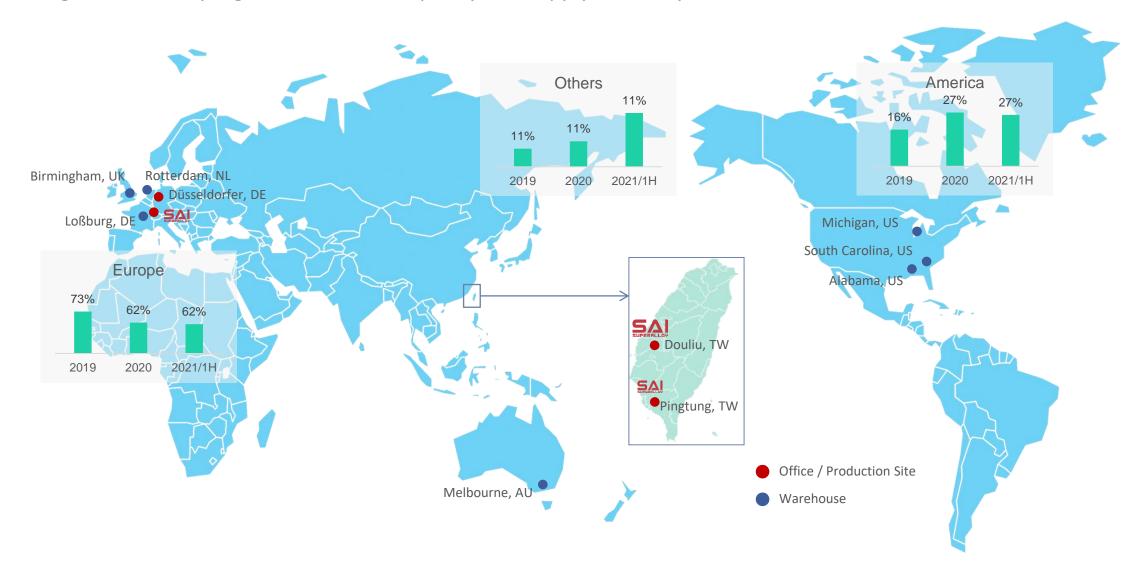






Global Layout Aiming to the Market Trends

To support our brand customers, SAI has set up global sales, painting lines and warehouses, providing a consistently high level of service quality and supply reliability.

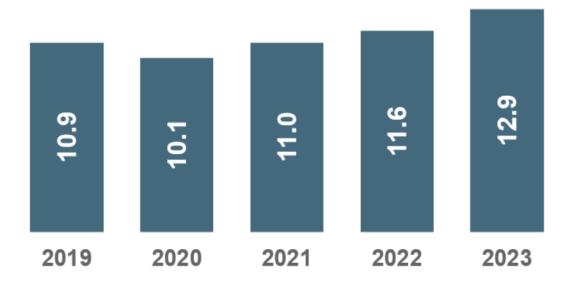




Premium Segment is Outgrowing Overall Market

- ◆ Due to chip shortage, OEMs have ensured that the most profitable products will continue to roll off production lines at the expense of lower-margin stablemates.
- Customers of higher-priced vehicles tended to be more insulated during the pandemic, with incomes less disrupted and sources of wealth, such as the stock market and property markets, holding up well.
- This pecking-order advantage is supporting global Premium/Super-Premium market share, which is collectively set to climb by two percentage points between 2019 and 2021 to 16% of global Passenger Vehicle sales.
- ◆ In terms of the segment's sales volume, 2021 is expected to match pre-pandemic 2019 record levels, despite overall Light Vehicle sales still being 11% off the pace set in 2019.

Chart: Global Premium/Super-Premium Sales Forecast (millions, units)



Source: LMC Automotive

SAI strengthens competitiveness and maximizes shareholders' interests

FORGING INDUSTRY LEADER

German Plant

For inventory management and proximity to European auto plants

Recycle **Economy**

40,000 tonnes per year capacity will reduce raw material costs

Net Shape Forging

Optimized forging technology to shorten post processes

Simplified processes to lower manufacturing cost

Investment in Automation

Improve both efficiency and profitability

Scale **Economy**

Provides the ability to support both small and large volume orders

Allows for more flexible capacity allocation among wheels and suspension parts

Improve long-term shareholder return

➤ Design, develop and manufacture experiences of 785 wheel styles

Pingtung Plant Production Capacity Plan



SuperAlloy Industrial v2.0 Strategy



Solution Provider of Forged Products in Mobility Industry

