

ADVENT OF ELECTRIC VEHICLES IN SOUTHEAST ASIA

March 2022

KEY HIGHLIGHTS OF THE ELECTRIC VEHICLE MARKET, 2021

OVER 6.7 MILLION EVS WERE SOLD GLOBALLY (OVER 2 TIMES THE SALES IN 2020) RECORDING A 108% Y-O-Y GROWTH. CHINA REMAINED THE MARKET LEADER WITH TESLA CONTINUING TO THE GLOBAL LEADER.

ELECTRIC VEHICLE MARKET: KEY HIGHLIGHTS, GLOBAL, 2021



Market Outlook

- APAC leads as a region
- EV penetration doubled from 4.4% to 8.8%



A total of 6.7 million units were sold of which 71.0% were BEVs and 28.7% were PHEVs. APAC remained the market leader (widening the gap between Europe) with 53.8% market share.

Global EV penetration increased from 4.4% in 2020 to 8.8% in 2021. In 2021, APAC recorded a YoY growth of 151.7%, highest among others, helping it to widen the gap between Europe in 2021.



Automakers

Tesla maintained the lead with VW group closing in the gap.



Tesla remained the market leadership with sales of 936,172 units, followed by the VW Group with 762,717 units. Collectively, Tesla (13.8%) and VW Group (11.3%) held 25.1% of the EV market.

A total of 641,000 MWh of units have been delivered globally in last 11 years with 2021 delivering 251,400 MWh, 80% higher than in 2020.



Charging Infrastructure and Technology Advancement



EV charging installations surpassed 1.5 million points compared to 1.1 million in 2020 with China (accounting for 65%) having the highest number of installations.

OEMs will now shift to advanced charging systems such as bi-directional charging which is enable functions such as V2G.

ELECTRIC VEHICLES SCENARIO IN SOUTHEAST ASIA IS VERY VIBRANT

Manufacturing

Hyundai launches plant to produce Indonesia's first electric car



FILE PHOTO: Visitors take photographs in front of the logo of Hyundai Motor during the 2019 Seoul Motor Show in Gyeongju, South Korea, Mar 26, 2019. REUTERS/Kim Hong-jik

Tesla takes top spot in Singapore sedan sales for first time



New registrations of Teslas surged 89 per cent to 312 last month versus August, going by LTA data. Through the first nine months of the year, 517 Teslas were registered in the island city. [reuters.com](#)

BREAKING NEWS

- 02:19 PM Shenzhen lockdown eases as Xi seeks to soften Covid impact
- 02:00 PM South-east Asia's tourist hubs easing travel restrictions
- 02:04 PM China weighs Tencent payments overhaul, new licence requirement
- 01:34 PM SMRT appoints ex-LTA chief Ngien Hoon Ping as new group CEO
- 01:28 PM Vickers Vantage SPAC to merge with subsidiary of Sorrento Therapeutics

New Launches

Electric Taxi

SMART Media Release – SMART targets a complete changeout of its entire taxi fleet to electric taxi within five years



ComfortDelGro buys 100 BYD electric taxis



Goldbell completes acquisition of BlueSG, to invest S\$40 million by 2023



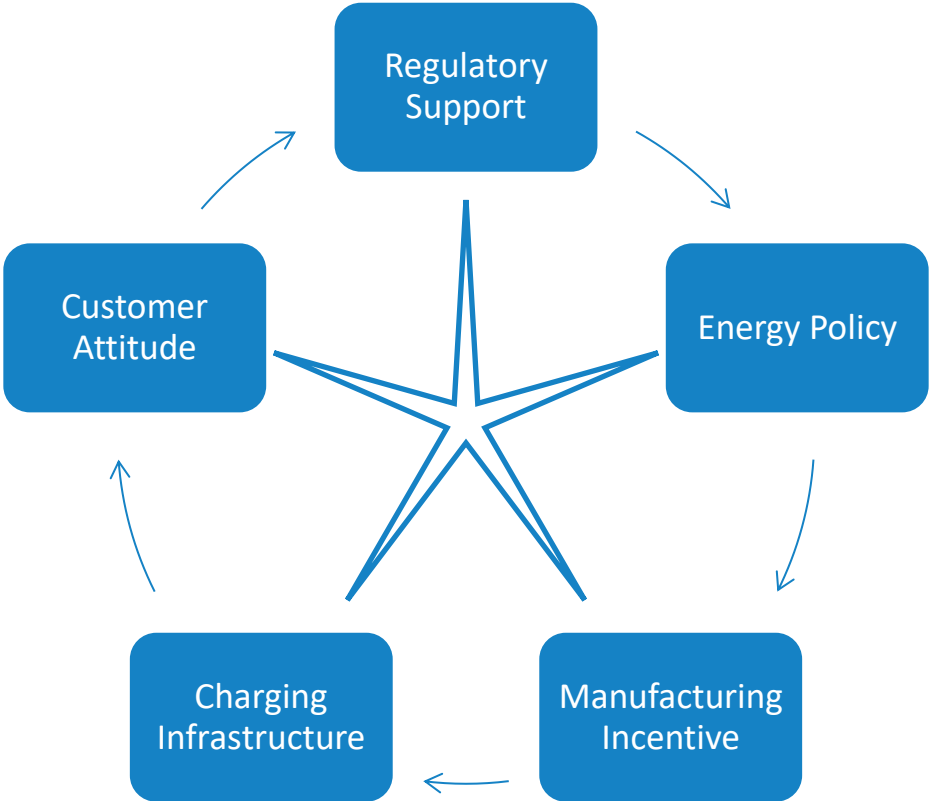
Ahmad Zaki Abdullah
18 Oct 2021 03:36PM (Updated: 18 Oct 2021 03:36PM)

A BlueSG electric car-sharing vehicle is parked at a charging station in a public housing estate in Singapore. December 12, 2017. REUTERS/Edgar Su

Car Sharing

Source: Frost & Sullivan

EV DEVELOPMENT FRAMEWORK



TOP 5 TRENDS TO LOOK FOR

Battery manufacturing in the region is essential for growth of EVs

Rapid growth of Charging infrastructure – Independent charging service providers new business opportunity

Entry of new players – from within and outside automotive industry



Customers would look at EVs more favorably

Mobility services – EV Car sharing, EV taxis, EV Ride hailing would be a softer entry spot

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THANK YOU
VIVEK VAIDYA

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