



# EVAT

## Electric Vehicle Association of Thailand

### Overview of the EV Market and Trends in Thailand

: Opportunities for Future Development of Thailand's EV Battery Industry

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President of Electric Vehicle Association of Thailand (EVAT)

# Electric Vehicle Association of Thailand (EVAT)



Established over 8 years ago  
Since November, 2015

## Goals

To promote the usage of EV in Thailand,  
to reduce air pollution, and to improve  
energy efficiency in the Transport sector.

## 30 Committee

From both Academic  
& Industry

Over 390 members

Corporate : 273 companies

Individual : 116 members

## Corporate Member



# Electric Vehicle Association of Thailand (EVAT)



## Organizational Divisions & Working Groups.

Academic & Human Development

WG 1: Conference & Seminar

Industry & Business Development

WG 2: Training & Education

Infrastructure Development

WG 3: Policies, Standards, Industry Transformation

WG 4: Overseas Investment Support

Corporate Communications & Public Relations

WG 5: Charging System

WG 6: Battery Swapping System

WG 7: Information analysis & Public Relations

Secretariat Team with GIZ Project

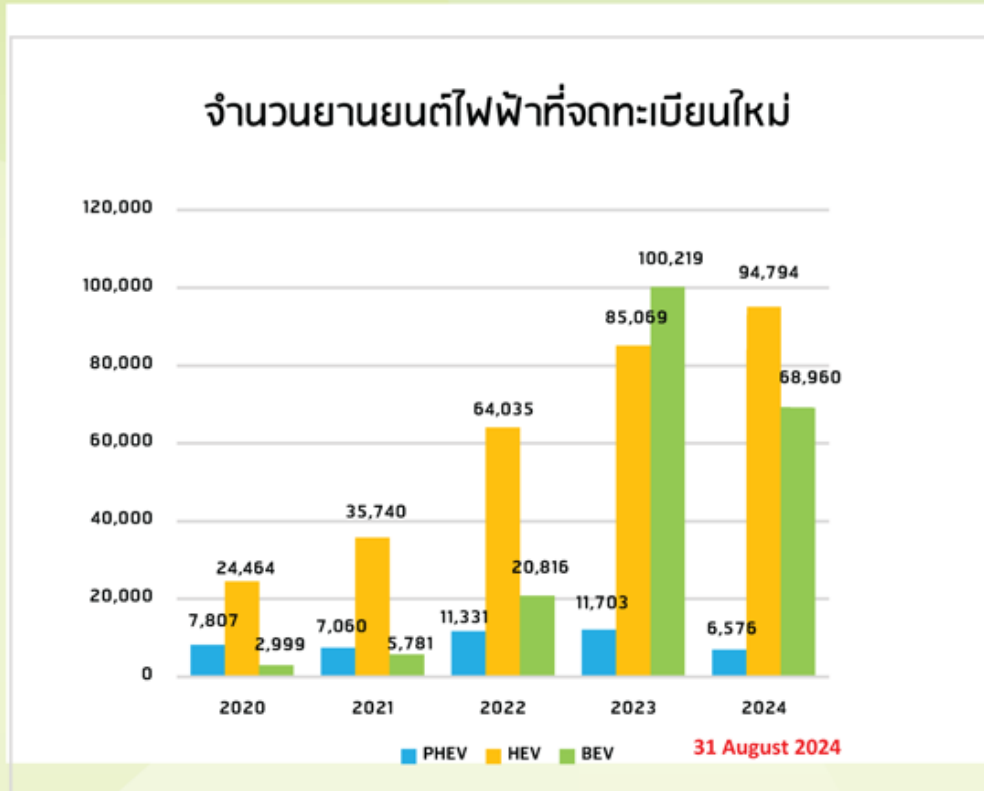


# Thailand Electric Vehicle Current Status



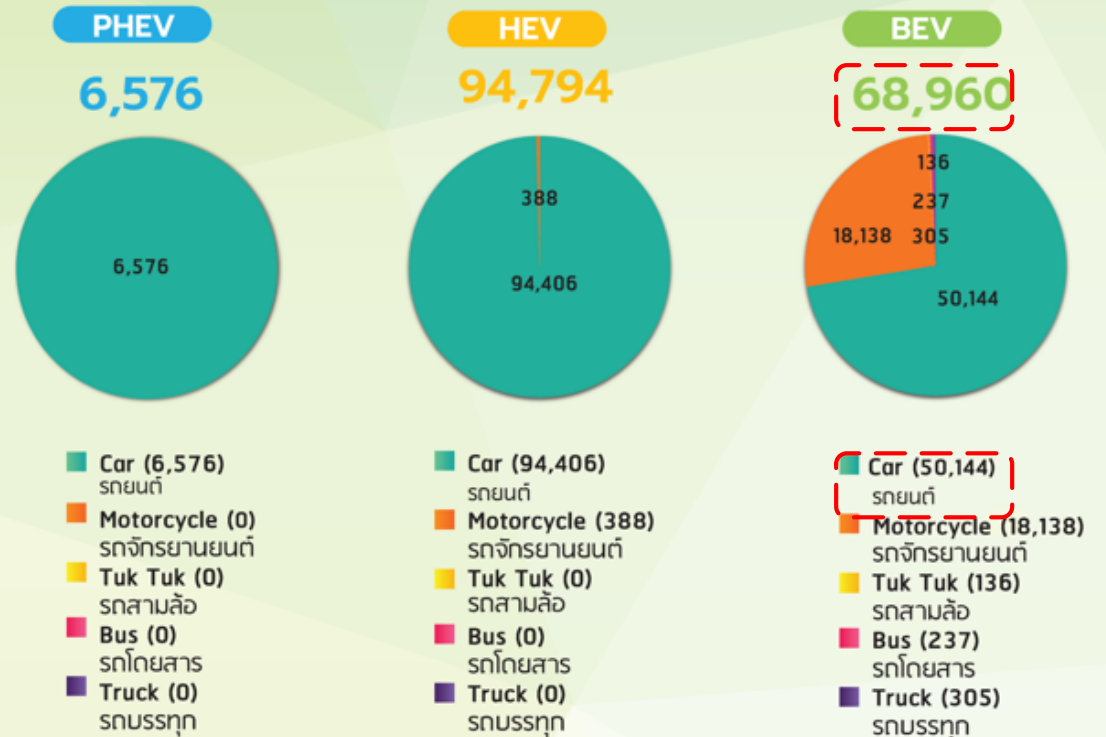
- Thailand's new BEV registrations for January-Aug 2024

## New Number of xEV Registration Between 2020-2024 จำนวนยานยนต์ไฟฟ้าที่จดทะเบียนใหม่ ระหว่างปี 2563 - 2567



## New Number of xEV Registration in 2024 จำนวนยานยนต์ไฟฟ้าที่จดทะเบียนใหม่

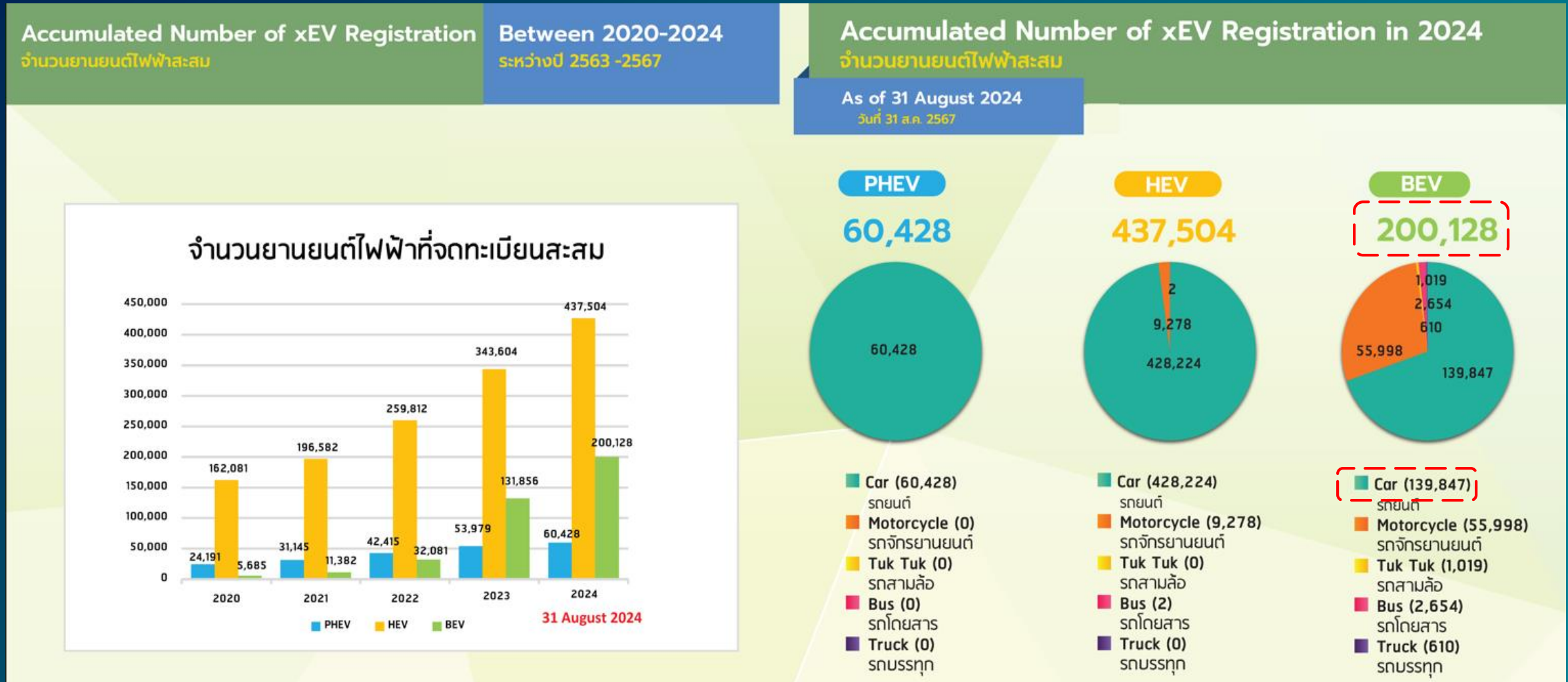
1 January - 31 August 2024  
1 ม.ค. - 31 ส.ค. 2567



# Thailand Electric Vehicle Current Status



- Thailand's Accumulated BEV registrations from 2020 to Aug 2024

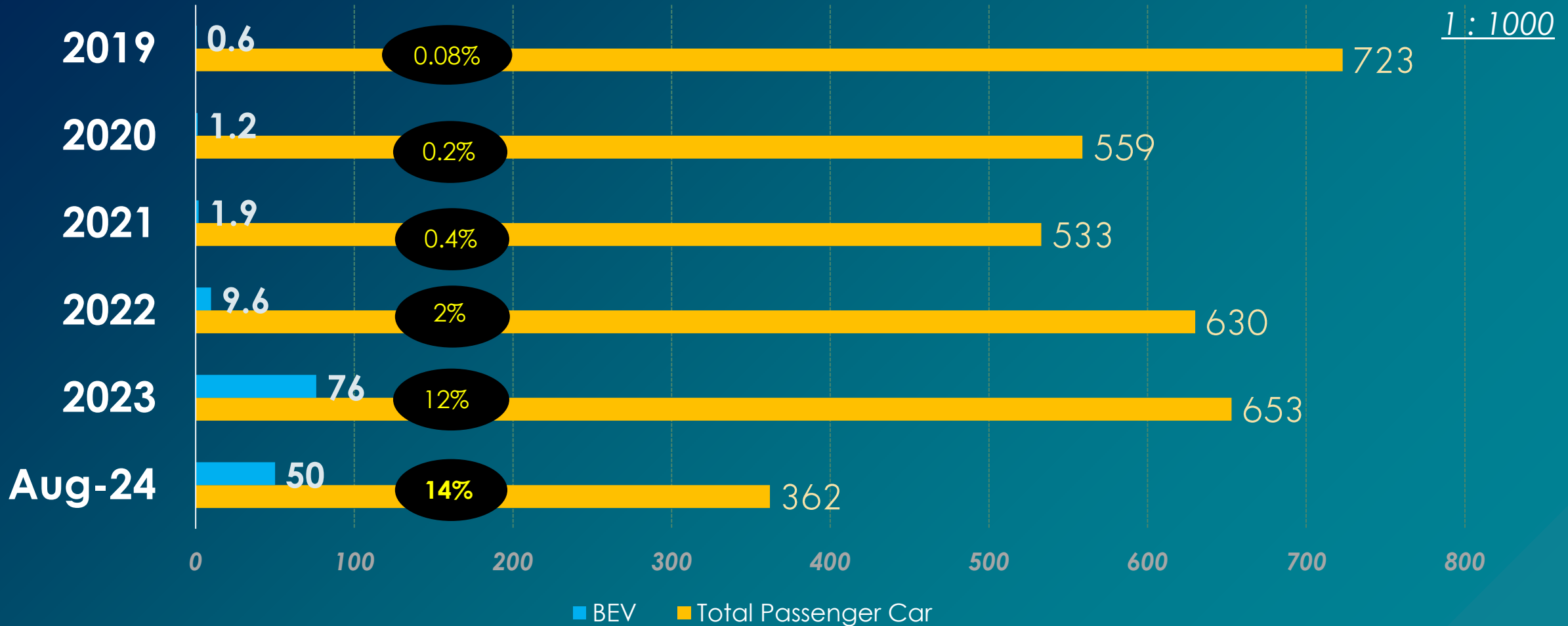


Source: Department of Land Transport, EVAT

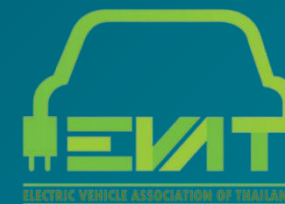
# Thailand Electric Vehicle Current Status



- No. of BEV registrations and share in Passenger Car Segment in Thailand (2019 – Aug 2024)

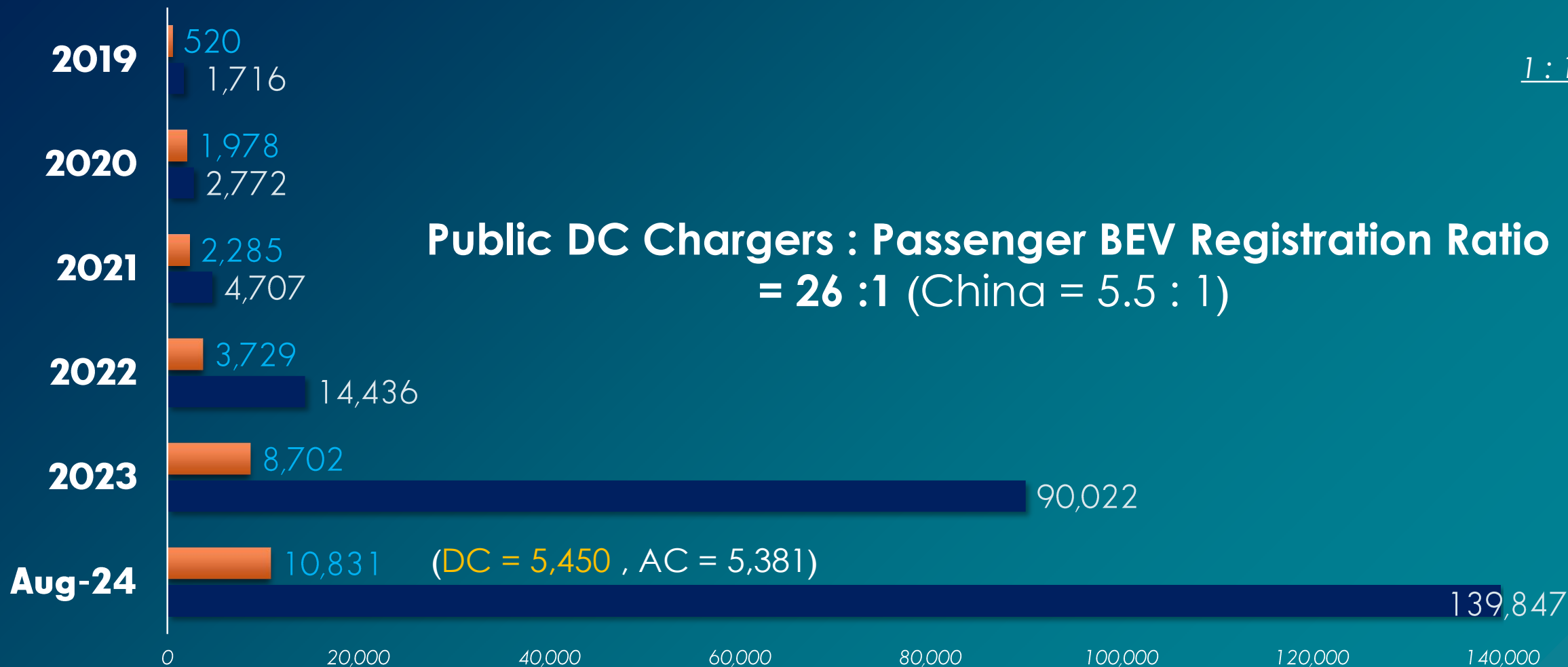


# Overview of Electric Vehicle Industry in Thailand



- Public Charging Stations Ratio in Thailand vs. Passenger BEV Registration Ratio in 2019 - Aug 2024

1 : 1000



Source: , Electric Vehicle Association of Thailand

ACC Charging Station

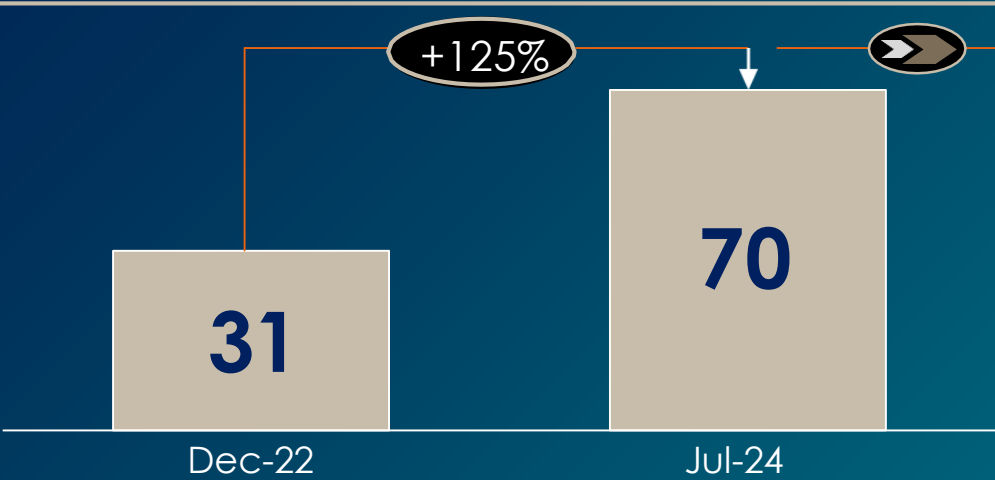
ACC BEV Car Registered

# Overview of Electric Vehicle Industry in Thailand



The number of BEV models available for sale as of Jul 2024

BEV MODELS AVAILABLE FOR SALE  
Number of models that are officially imported & Produced



**Total 28 Brands  
65 Key Models**

Lowest price: 325,000 Baht  
Highest price: 12,000,000 Baht

**Separate by export & Produced country**

= 32  
 = 14  
 = 6  
 = 4  
 = 2  
 = 1  
 = 1  
 = 1  
 = 1  
 = 1

= 7 : = 2 = 1 = 1 = 1 = 1 = 1

No.	Brand	No. of Models	No.	Brand	No. of Models
1	MG	8	15	NOLT	2
2	BMW	7	16	PORSCHE	2
3	BYD	6	17	TESLA	2
4	HYUNDAI	5	18	JAGUAR	1
5	MERCEDES BENZ	5	19	KIA	1
6	AUDI	3	20	LUMIN	1
7	GWM	3	21	MASERATI	1
8	NETA	3	22	NISSAN	1
9	VOLVO	3	23	PEUGEOT	1
10	DEEPAL	2	24	ROLLS-ROYCE	1
11	GAC	2	25	TAKANO	1
12	LEXUS	2	26	TOYOTA	1
13	LOTUS	2	27	WULING	1
14	MINI	2	28	ZEEKR	1

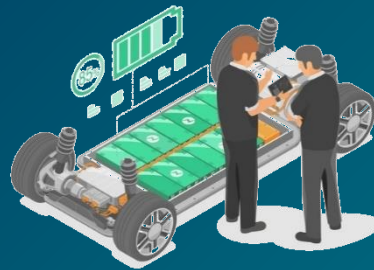
Source: , Electric Vehicle Association of Thailand (EVAT)



# Opportunities for Future Development of Thailand's EV Battery Industry



- EV Battery Eco System and Future Development Approaches



## MINING/ REFINERING

- Cooperate with mineral-rich countries like Indonesia to ensure raw material security.
- Research and develop new battery raw materials like sodium, which our country has abundant.

## Battery Cell

- Encourage top battery cell manufacturers to invest in Thailand to transfer technology and set up production bases.

## Battery Pack & Module

- Improve the quantity of skilled battery assembly employees in the country through Joint venture and education and training.

## Testing & Equipment

- Joint venture with technology owner to transfer technology in country
- Increase testing standards to be internationally recognized. Finally, a domestic institution has to verify them.

## Reuse / Repack Repurpose /Recycle

- Promote sustainable battery management by tracking the life cycle of batteries from production to use and management in various forms such as Reuse, Repack, Repurpose and Recycle

# THANK YOU



## Electric Vehicle Association of Thailand (EVAT)

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