

THE FUTURE OF AUTOMOTIVE INDUSTRY IN THAILAND

Miss. Yuphin Boonsirichan
Chairman of Cluster Future Mobility One
& Automotive Industry Club , FTI
4 December 2023
At Jupiter 8-9 Room, Impact challenger



AIC PROFILE

1
of
46

AUTOMOTIVE INDUSTRY CLUB ; ONE OF 46
INDUSTRY CLUBS UNDER THE FEDERATION
OF THAI INDUSTRIES (FTI)

1976

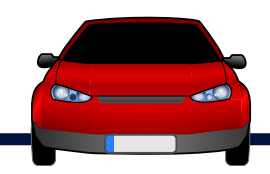
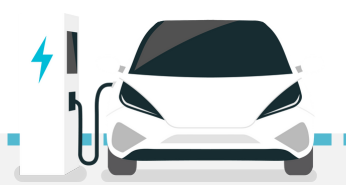
ESTABLISHMENT

51

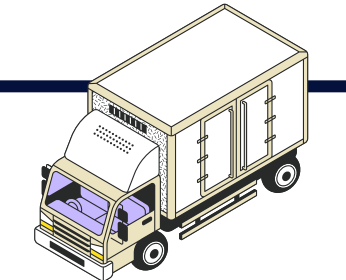
MEMBERS including car, motorcycle
and truck



AIC MEMBERS

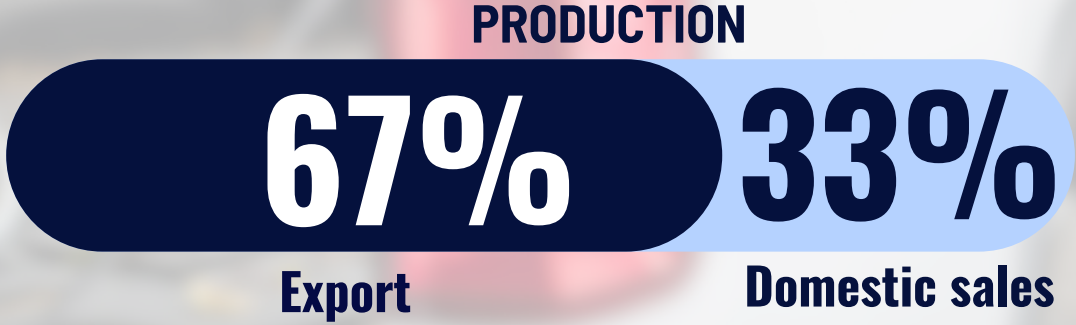
NEW PLAYERS

THAILAND AUTOMOTIVE PRODUCTION PERFORMANCE IN 2023

63% PICK UP
of local production

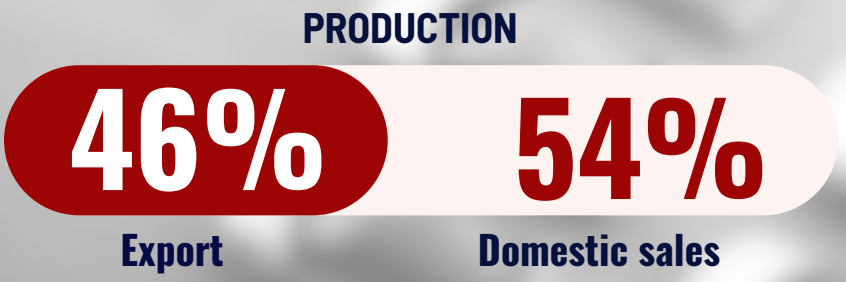
Product champion



35%

PASSENGER CAR

of local production



2%

COMMERCIAL VEHICLE

of local production



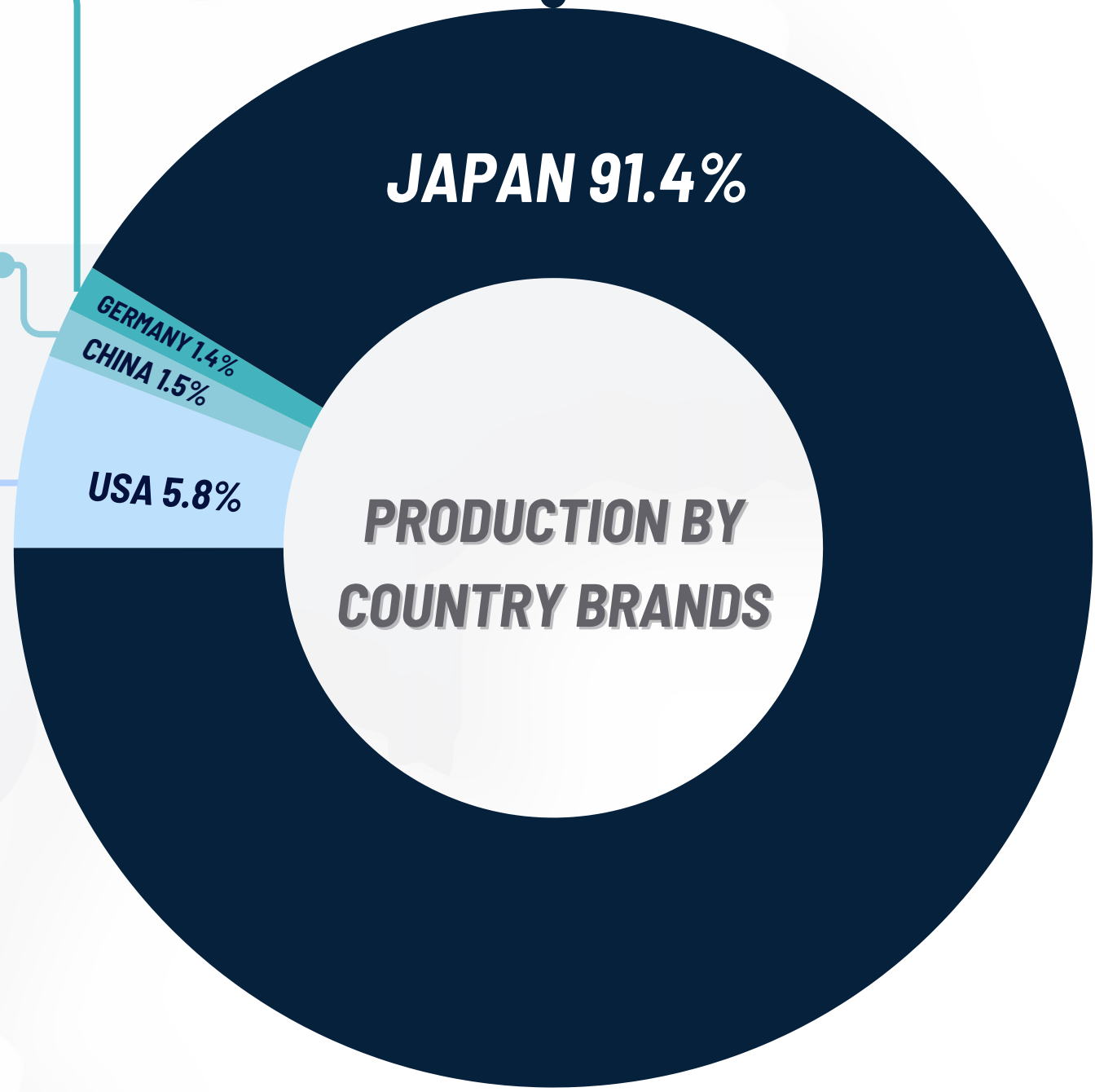
BUS & TRUCK

GERMANY

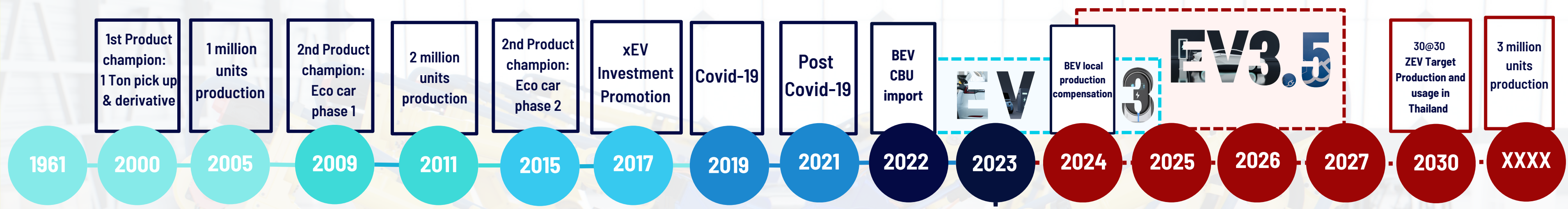
JAPAN

CHINA

USA

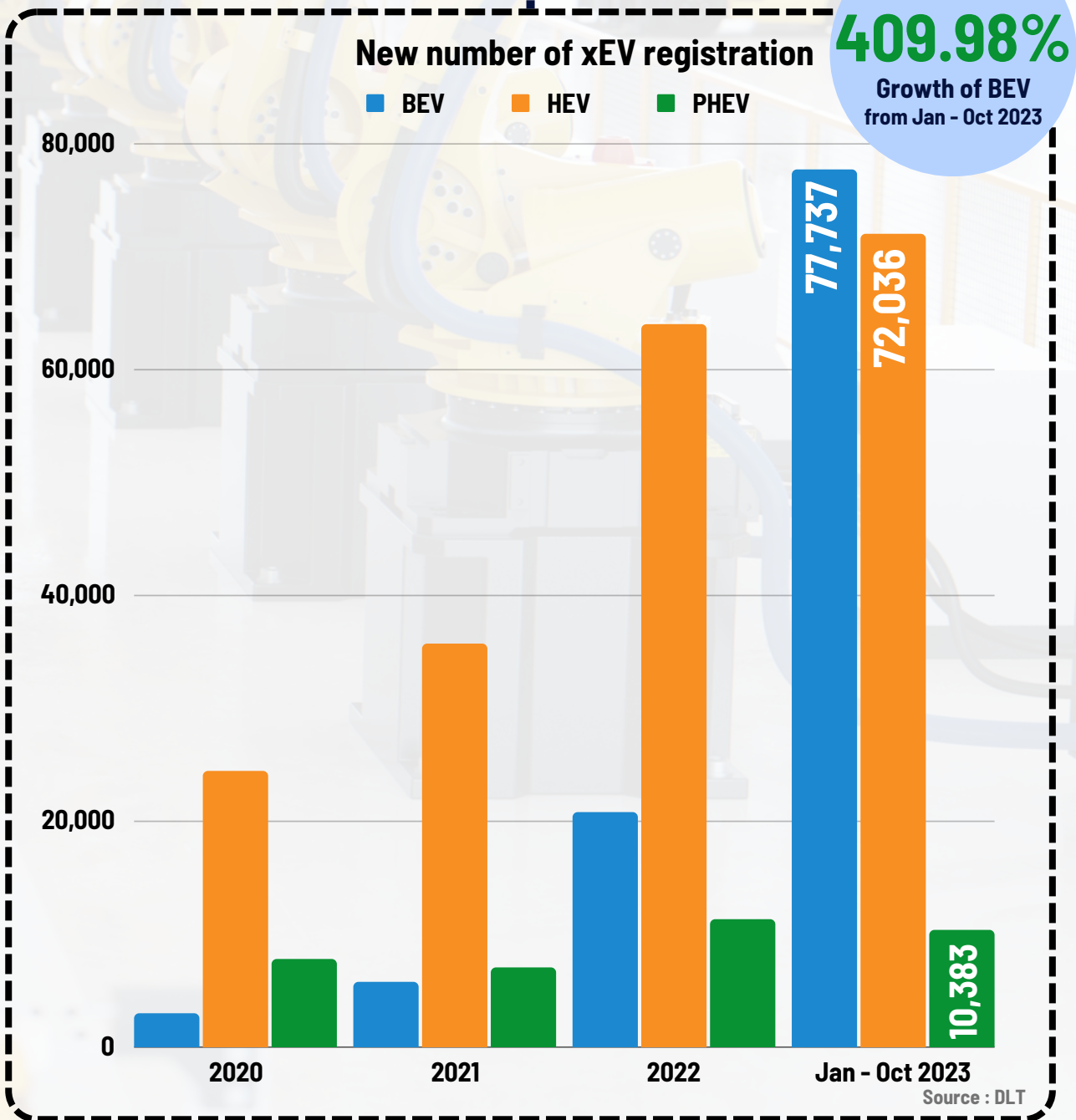
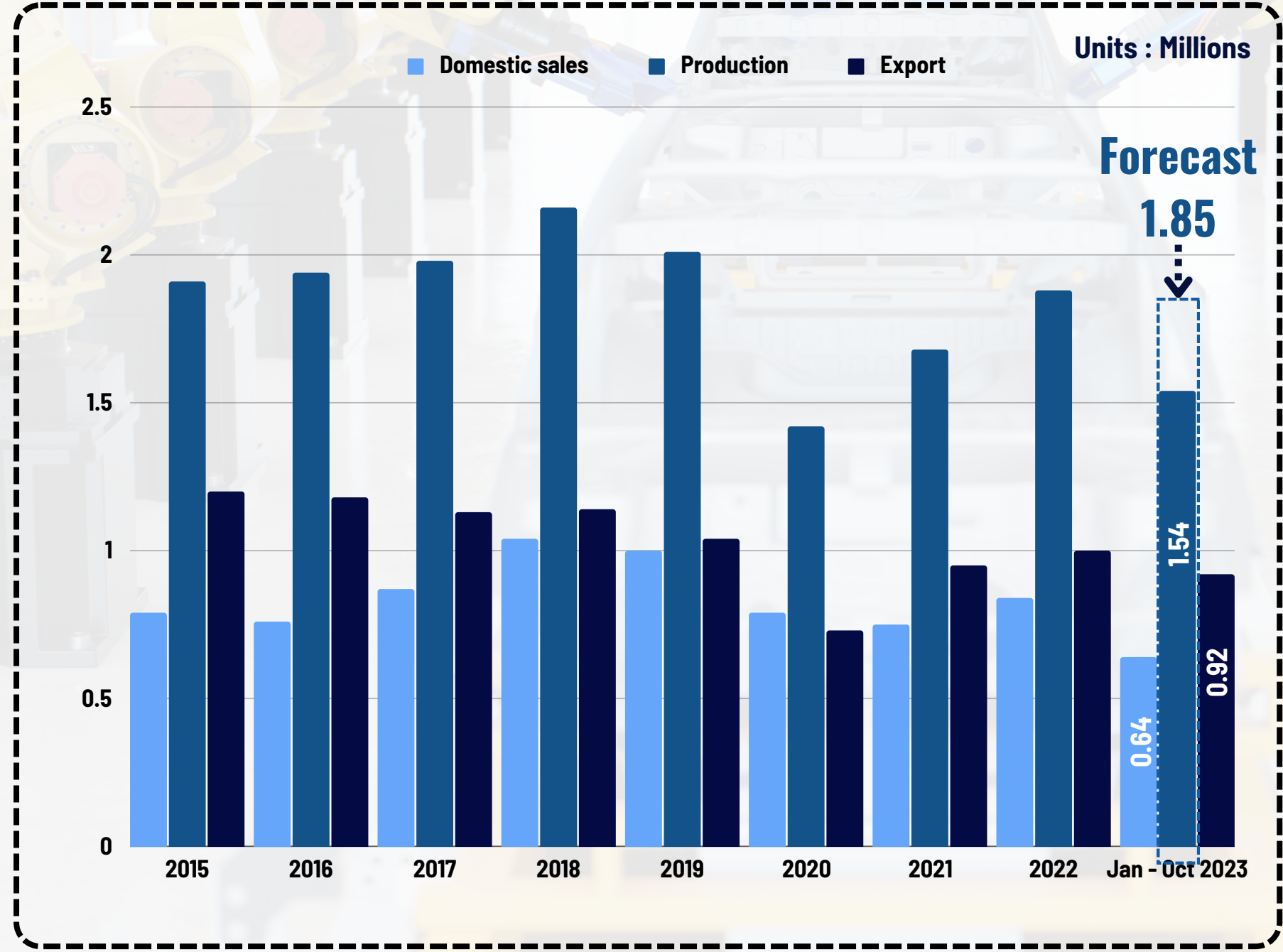


CLEAR AND CONSISTENT GOV. POLICY IS A KEY SUCCESS FACTORS THAI AUTOMOTIVE INDUSTRY DEVELOPMENT

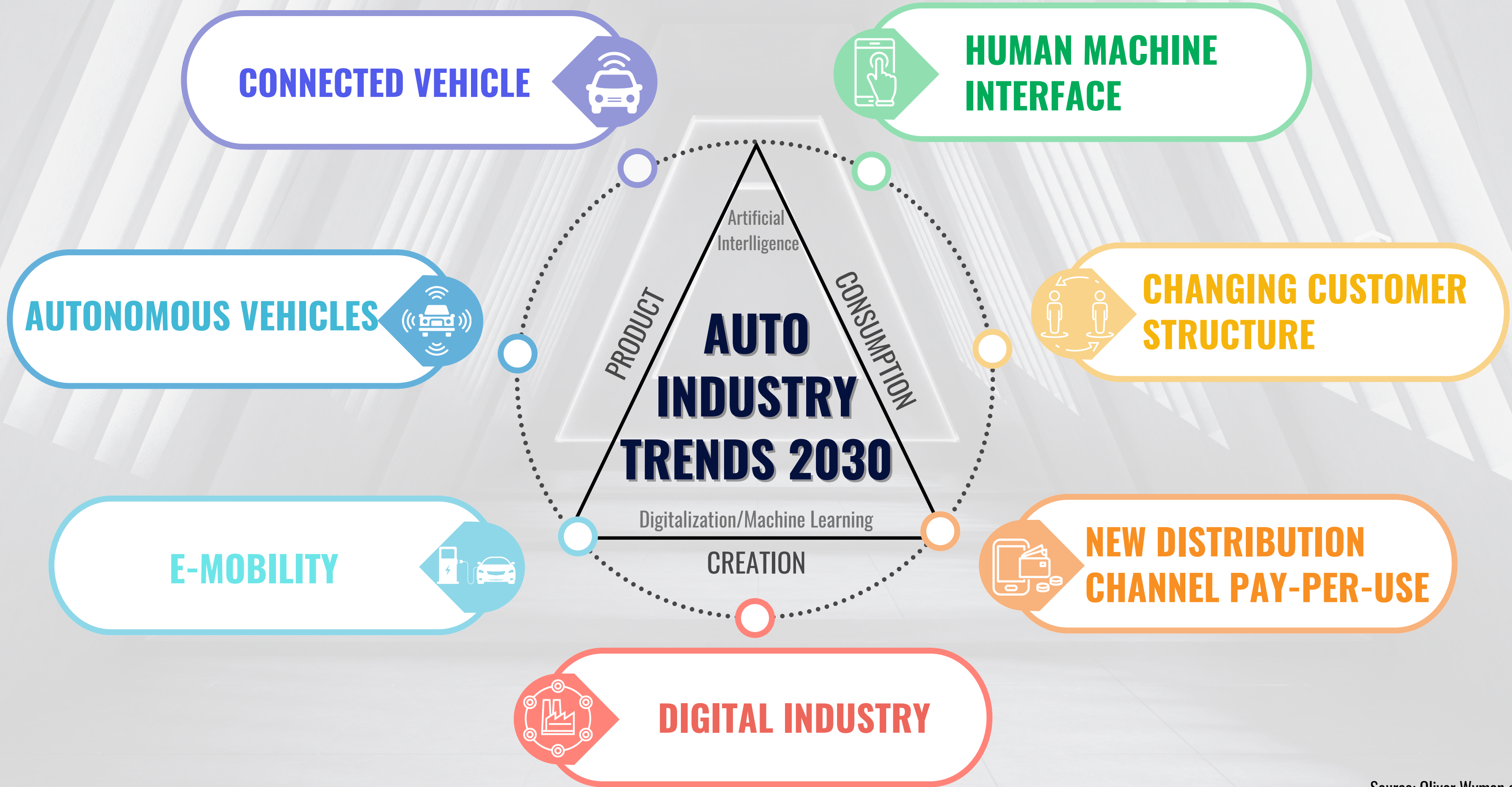


THAILAND AUTOMOTIVE INDUSTRY PERFORMANCE

- 10th Global production
- 1st ASEAN production
- 1,400 Supplier
- 170 Export countries
- 750,000 Labor
- 11% Industrial GDP share



FACTORS THAT SHAPE FUTURE AUTOMOTIVE INDUSTRY



CHALLENGES ALONG THE WAY



**Supply Chain
Disruptions**

**Cost
competition**



Geopolitics

**Industry Transformation
Toward Future Mobility**



**Tightening Environmental
& Safety Regulations**

OEM'S AMBITION ON CARBON NEUTRALITY TARGET : ACCELERRATING GREEN PRODUCT & PROCESS DEVELOPMENT IN AUTOMOTIVE VALUE CHAIN

Carbon Neutrality and
Net zero emission

2040

2035

2030



CN by 2039
All EV by 2035



CN by 2040
Full electric by 2030



CN by 2045
1.6 million EV sales by 2030



CN by 2050
100% EV by 2040



CN by 2050
Over 55% of global EV sales by 2030



CN by 2050
50% EV by 2030



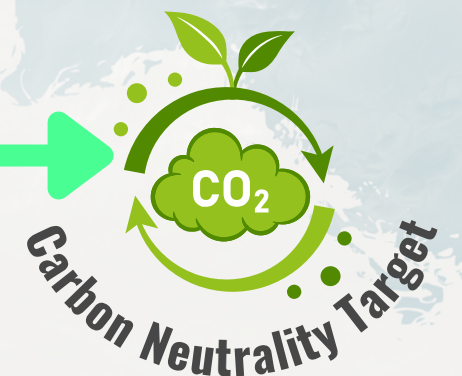
CN by 2050
80% EV sales in Europe by 2030



CN by 2050
50% EV by 2030



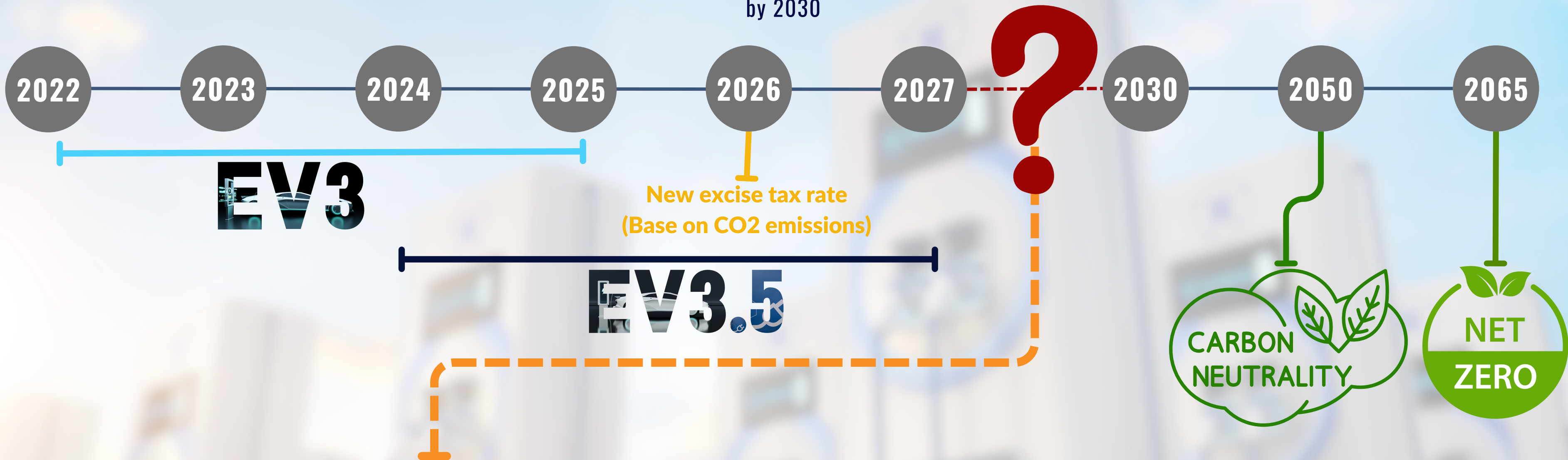
CN by 2050(Factory 2035)
1.5 million EVs annually by 2026



FUTURE OF THAI AUTOMOTIVE INDUSTRY TOWARD DECARBONISATION ERA

30@30 Target

30% of car production is BEV
725,000 Prod. (30%) 440,000 Reg. (50%)
by 2030



Further gov. support + strategies review ??

Target Prod. (30%) **725,000** Units

less than 1% (As of 31 Oct 2023)

CFM-ONE

CLUSTER OF FTI FUTURE MOBILITY ONE

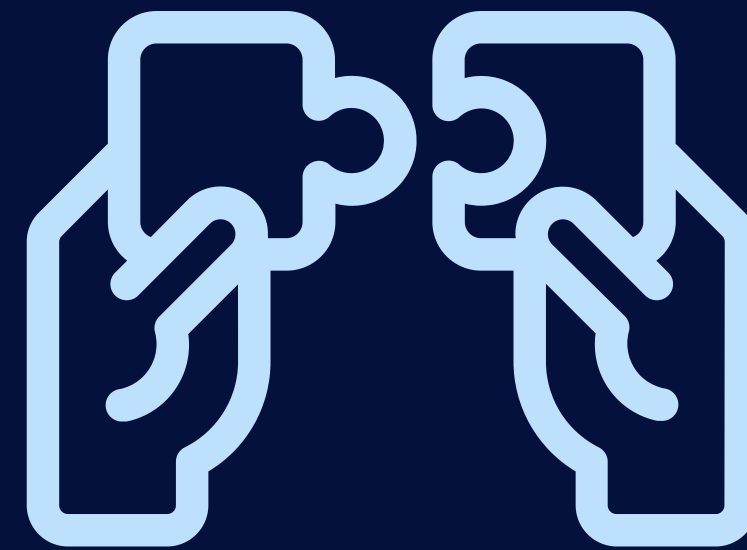
under the FTI ONE initiative
was established on 31 Aug 2023
Center driven for national future mobility industry



Focus on public policy
advocacy to strategize
future mobility ecosystem



Sharing Knowledge
through industry
clubs

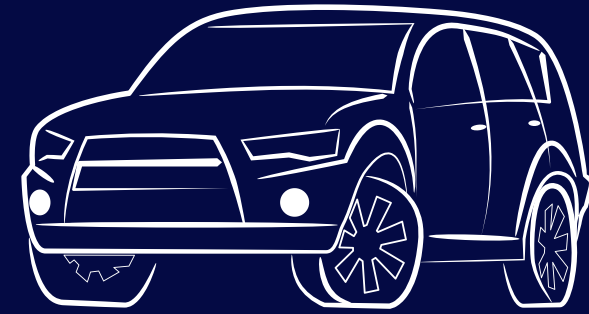


Contributes proposals
by means of public-
private collaboration



BALANCED AND INCLUSIVE POLICIES ENHANCING THAILAND AS GLOBAL PRODUCTION & EXPORT BASE FOR FUTURE ICE AND ZEV

70@30 FUTURE ICE



Clear and consistent supporting measures for EV ecosystem

Testing and standardization in aligning with international standards to enhance export

Flexible and feasible regulation for key part localization especially during the initial market ramping up

Used battery and hazardous waste management

ICE HEV PHEV REEV

ICE = Internal Combustion Engine

HEV = Hybrid Electric Vehicle

PHEV = Plug-in Hybrid Electric Vehicle

REEV = Range Extended Electric Vehicle



Support clean ICE production for export to ICE usage countries

Promote R&D funding to boost up advance technology for future ICE (i.e. autonomous)

Supply chains decarbonisation and part transformation



30@30 ZEV

THANKK

YOU

