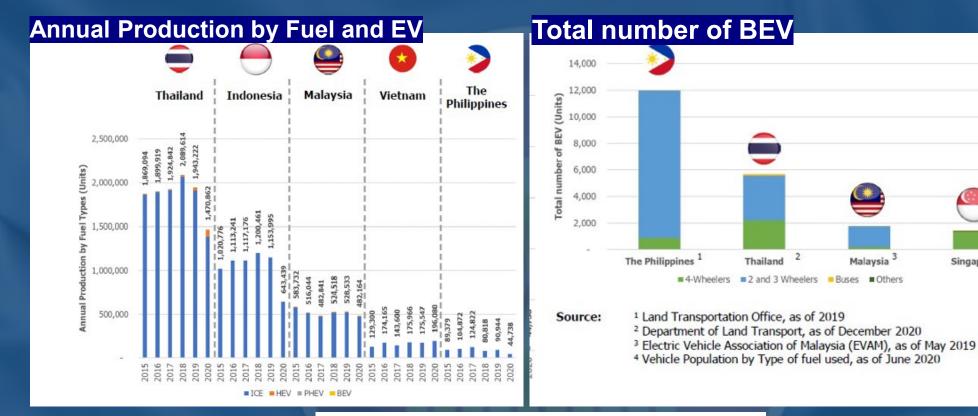
The Future of EVs in Thailand

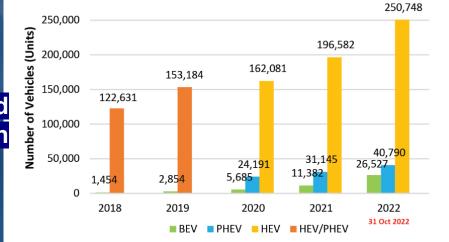
Society of Automotive Engineers of Thailand Somphote Ahunai CEO of Energy Absolute PCL.

4

Competition among ASEAN countries



Thailand's accumulated Number of xEV Registration



Singapore⁴

Thailand • 30@30 Policy aims to produce ZEV at 30% by 2030

Indonesia

 Targe
 2025 : 400,000 units
 2035: 1 Million units

- Government negotiating with Tesla invest Battery factory
- Hyundai setup EV factory (1,550M.USD)
- LG Energy Solution invest Battery factory (9,000M.USD)
- Toyota EV invest plan (1,800M.USD)



Malaysia

Target 2030 : Selling EV for 15% of all car sales.



Philippines

• Exemption of import tax on motor vehicles

• Financial support and various benefits for investors in electric vehicles

Vietnam

 \star

Target 2030 - 2040 EV Produce 3.5 million unit/year
Promoting its use mainly through tax policy VinFast aims to produce 950,000 electric vehicles per year by 2026.

> Laos Target 2020 : >30% • Kolao Group : Ready to produce and assembly EV

Competition among ASEAN countries

Focused Issues

- New Trend (Electrification)
- Non Tariff Barrier
 - Global Warming
 - Deglobalization

Limited of Supply

- Raw Materials
- Skilled Human Resources
- Electricity & Infrastructure
- Technology
- ***** Government Policy *****
 - Economies of Scale
 - Purchasing Power

Never Return Crossroad

- ✓ Vision & Direction
- ✓ Strategy?
- ✓ Fast and Effective Decision?

✓ Must do it *****

More than 900,000 workers are improving their quality of lives and have better employment. The industry will improve or are we facing a new round of social crisis?

Transformation

.....

in Transportation Sector





Passenger Car







Battery + Motor



Short Distance

Long Distance





8

Battery + Engine (Hybrid) Short Distance







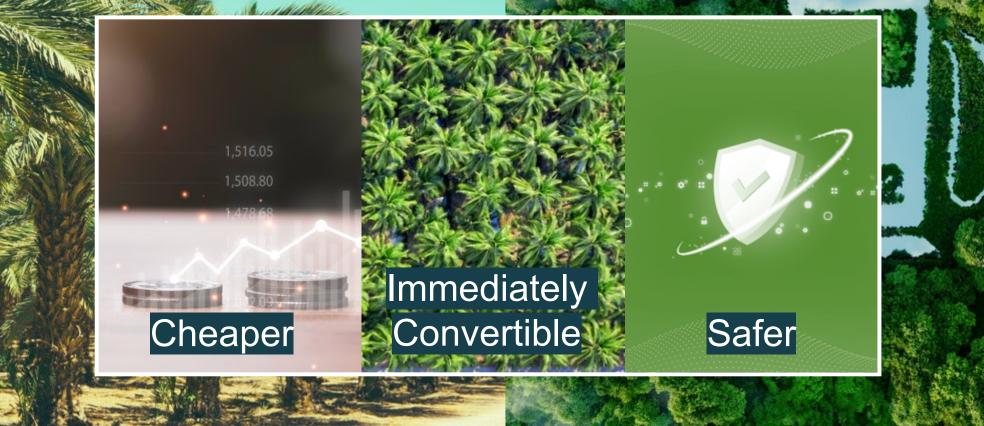
Battery / 3rd Rail
Short Distance

Rail

Long Distance Bio Fuel / Hydrogen

OZERO

Why prefers Bio Fuel to Hydrogen?



Bio Fuel and Battery is the best solution for Thailand.

Moving toward Net Zero Ecosystem



Ultra Fast Charge

the solution for Commercial Vehicle

AMITA

Fully Integrated EA's ECOSYSTEM with Ultra Fast Charge Technology

15 mins to 80% At any Battery Capacities

Energy Absolute

Parallel Charge Supported in all EVs





High power DC charger Up to 380 kW per charger



Mass transit



Logistics

Sustainable Aviation Fuel (SAF)

Bio-Jet fuel

At present, 300 million tons of jet fuel per year.

2040 SAF Blending mandate level in Europe at 50% (% total jet fuel consumption)

https://www.weforum.org/agenda/2021/07/what-6-executives-europe-aviation-sector-say-eu-sustainable-fuel-saf-blending-mandate-refueleu/

Thank you.