

Powering Electric Bus in Indonesia

Electric bus is becoming part of energy resilience and economic competitiveness



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PT Energi Makmur Buana (INVI)



Net – Zero Emissions by 2050

Aligned with Our Holding Company's Net Zero Emissions Commitment by 2050



27%

Indonesia's GHG emissions come from **Transportation Sector** *(Source: WRI Indonesia / IESR)*

90%

Transportation emissions come from road transportation *(Source: WRI Inonesia / IESR)*

\$103

/barrel global oil price volatility amid geopolitical tension *(Source: Global Oil Market Reports / Reuters)*

"The future mobility discussion is no longer only about sustainability, but resilience."

Bus electrification emerges as the most scalable pathway to accelerate urban mobility decarbonization



Market Momentum

- 11% Indonesia EV adoption momentum continues to increase (Source: GAIKINDO Wholesales Data 2025)
- 2030 Transjakarta targets 100% electrified BRT (Source: Transjakarta Electrification Roadmap)

Sustainability & ESG Impact

Public transport creates an immediate large – scale impact. One electrified fleet can significantly reduce fuel consumption and urban emissions at scale.

Stronger Long – Term Economics & Cost Efficiency

Electric fleets reduce exposure to fuel price volatility while lowering total lifecycle costs through reduced maintenance complexity and improving long-term operating economics and ecosystem readiness.

Structurally Scalable & Operationally Predictable

Bus operations are centralized and route-based, making energy demand predictable and enabling more efficient planning of charging infrastructure and operational deployment.

The Real Challenge is

Ecosystem Readiness

— what **INVI Delivers**



Market Adoption

Aligning products with Indonesian market needs through trials & continuous improvement



Operational Reliability

Building reliable operations across the entire value chain



Strategic Partnership

Collaborating with reputable global OEMs to deliver reliable & sustainable solutions



Ecosystem Acceleration

Accelerating the adoption of commercial electric vehicles in Indonesia

How We Deliver

Product Excellence · Operational Readiness · Reliable After-Sales



Product Excellence

Complete lineup : City bus, BRT, intercity, Shuttle & EV truck

CKD EV Bus local assembly : targeting 2027, TKDN compliance, Local Body Assembly

Hands-on trials & pilot programs before full fleet

Engineering team for right vehicle specification



MEDAN

60 EV Bus | 18 Charging Station 180 kW

Full after – sales ; dedicated team, workshop, driver & tech training

SURABAYA

11 EV Bus (Bare Chassis + Local Body) | 3 Charging Station 100 kW
First EV medium bus with opportunity charging in Indonesia

Operational Readiness & Reliable After Sales



End-to-end planning : route, config, scheduling, deploy

OEM-certified mechanics & drivers : consistent uptime

FMC + 24-hour on-site technician response guarantee

Dedicated workshops & Spare parts warehouse direct OEM supply chain

EAST KALIMANTAN

18 EV Dump Truck | 3 Battery Swap
~19% TCO Saving vs ICE | Fuel Cost Down ~50%

WEST KALIMANTAN

4 EV Bus Coach (Bare Chassis + Local Body) for Intercity
Develop an operation plan and engineering design for intercity / AKDP & AKAP

EV adoption is no longer a question of ***WHY***
Only WHEN

Contact us



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