

busworld.

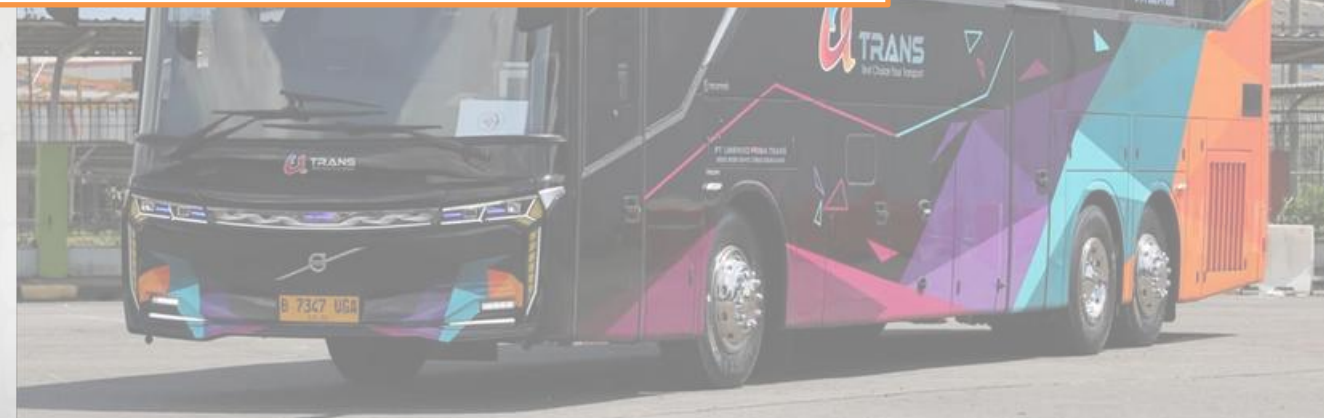
SOUTHEAST ASIA JAKARTA

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 **new armada**

The **Future** of Intercity Buses (AKAP) & **Tourist Buses** in Indonesia

Presented by: NEW ARMADA (PT Mekar Armada Jaya)



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| FUTURE INDONESIA TRANSPORTS

The future of transportation in Indonesia is moving towards faster, more integrated, and more "electrically friendly" electrification, especially in large cities and major intercity corridors.

SECTION A

Future Indonesia Transport



HIGH-SPEED AND INTERCITY RAILS ARE BECOMING INCREASINGLY DOMINANT



The Whoosh Effect

Jakarta–Bandung High-Speed Rail (KCJB) as a starting point for major changes: intercity travel reduced from 3–4 hours to 40–50 minutes.



Looking Ahead

- Network expansion to other cities
- Economic connections: Jakarta, West Java, Central Java
- Integration with conventional trains

2. URBAN INTEGRATION



MRT Jakarta

The backbone of a modern metro system.



LRT Jabodebek

Connecting the outskirts of Jakarta.



TransJakarta

Backbone of bus rapid transit.

URBAN FUTURE TRENDS



One Map, One Ticket

Pay once for all modes
across the network.



TOD Hubs

Transit Oriented Development:
Hubs + Business Districts.



Reduced Dependence

Moving away from private
cars in city centers.

3. VEHICLE ELECTRIFICATION (EV)

Primary Focus

- Electric motorcycles (Fastest growing)
- Electric cars (Hyundai, Wuling, BYD)
- Electric buses in major cities

Driver Factors

- Government subsidies
- Large nickel reserves (Battery material)
- Low emission targets

| EV ADOPTION CHALLENGES



Infrastructure

Charging infrastructure is not yet evenly distributed.



Cost Barrier

Prices are still relatively high for the average consumer.



Technology

Dependence on external technology for components.

4. TRANSPORTATION IN IKN



Green Concept

Minimal fossil fuel vehicles. Dominant EVs and public transportation.



Smart Mobility

Walkable cities with AI and sensor-based traffic systems.

5. LOGISTICS & DIGITALIZATION



Digital Tracking

Real-time logistics
monitoring systems.



Smart Ports

Automation and digital
integration at entry points.



Intermodal Integration

Seamless Train-truck-ship
logistics integration.

| 6. INDONESIA'S MAJOR CHALLENGES

- Infrastructure is not evenly distributed (Java vs. outside Java)
- Congestion is still high in large cities
- Coordination between modes is still Often separated
- Funding for major projects

SUMMARY: FUTURE DIRECTION

Large Cities

Metro + EV + TOD

Intercity

High-speed & Electric trains

Logistics

Digital Integration

SECTION B

Intercity & Tourist buses



| 1. BUSES REMAIN IRREPLACEABLE

Strengths

- Reach small cities without trains
- Door-to-door flexibility
- Economic viability for many



The Evolution

Buses are not disappearing, but moving up a class to "premium + electric".

2. CHEAP TO COMFORT SHIFT



Premium Features

- > Sleeper seats & Leg rests
- > USB charging & Wi-Fi
- > On-board toilets
- > Digital ticketing

Comparison

"Long-haul economy class airlines on wheels"

Large bus companies like DAMRI and private operators such as:

- * Sinar Jaya, Rosalia Indah (Java)
- * Myor, Aerobus..... (Sumatera)
- * Borlindo, Bintang Zahira (Sulawesi).

| 3. BUS ELECTRIFICATION (EV)



City Buses

Quickly transition to electric power.



Intercity

Short to medium routes starting first.



Tour Buses

Last to go fully electric due to distance.

| EV BUS OBSTACLES

- Intercity charging stations are limited
- Electric bus range is still limited
- High initial investment costs



4. PREMIUM TOUR EXPERIENCE



Concept

"Touring hotel on wheels"

- Business class interiors
- Individual TVs & Karaoke
- Panoramic glass designs
- Sleeper seats for Bali-Java tours

5. MODERN INFRASTRUCTURE



Speed

Fast toll networks (Jakarta-Surabaya, Jakarta-Medan).



Rest Areas

Transforming into "mini tourist hubs".



Terminals

Transitioning into modern transit hubs.

6. STRATEGIC CHALLENGES

- Fierce competition with Low-cost airlines and trains
- Fuel price sensitivity
- Accidents and safety standards improvement
- Small operator consolidation needed

SECTION C

Competition between land transport

THE COMPETITIVE MATRIX (I)

Category	Train 	Bus 	Winner
Speed	Stable, No traffic jams	Traffic dependent	Train
Coverage	Station limited	Reach towns & villages	Bus
Price	High-speed is expensive	Generally cheaper	Bus
Comfort	Stable, More space	Improved but vibrates	Train
Flexibility	Fixed track	Quick route opening	Bus
Capacity	High mass efficiency	Limited per unit	Train

| 7. TECHNOLOGY & CONCLUSION



Train Strategy

Backbone of mass transit. Wins in dense corridors & large cities.



Bus Strategy

Flexible complement. Wins in small cities, tourism, and tracking-less routes.

10-20 Year Outlook: Trains as Backbone, Buses as Small Veins.

A red and grey Scania Skylander R25 bus is parked in front of a building. The bus features the 'Skylander' logo on the side and 'R25' in large white letters. The front of the bus has 'SCANIA' and 'R25' branding. A '50' anniversary logo is visible on the upper front window. The bus is parked on a paved area with a building in the background.

THANK YOU

Thank you for your attention.