E-JEEPNEY PROJECT

N.I.

A project backed by Arowana, Tembo, and Sarao Motors June 2025 – Asia Clean Energy Forum

1. TEMBO OVERVIEW

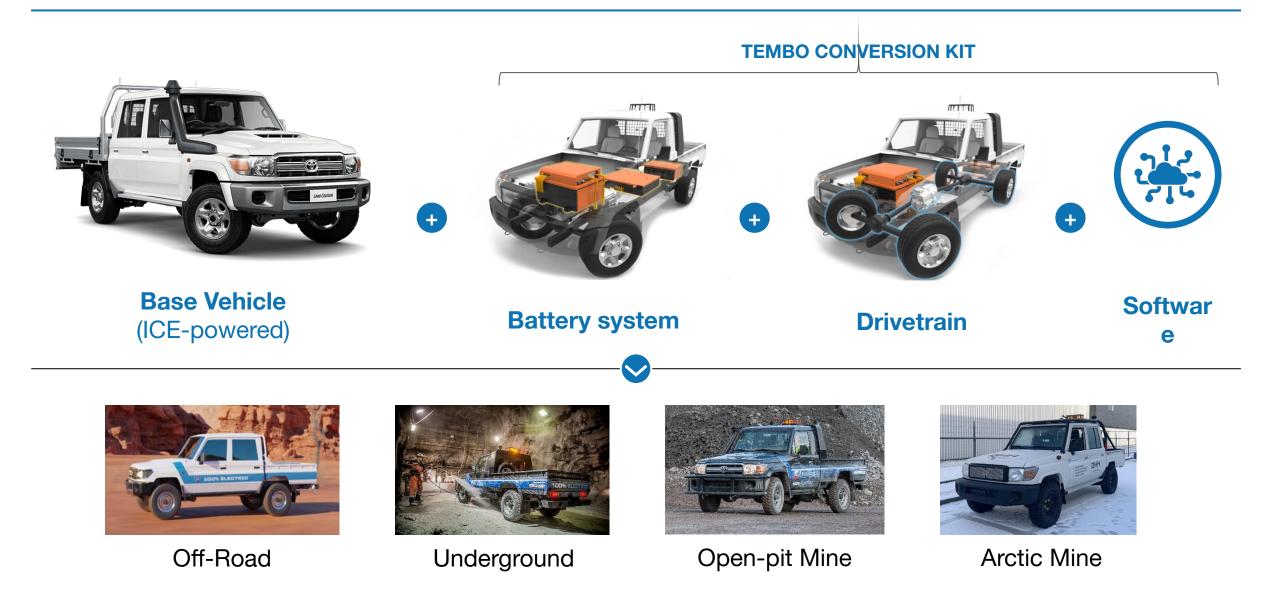
EMBO

LE

0%

ECTRIC

We provide EV conversion kits to off-road vehicle fleet operators



We have assembled a team of global EV experts and business leaders



2. JEEPNEY INDUSTRY

OC TRAFFIC ENFORCER

-

YW-700

I I I A PATE

The Philippine Jeepney: From a war relic to a top cultural icon



Surplus Willys Jeeps Retrofitted by Filipinos



Affordable public transport Urban and rural terrain



Creative expression Symbol of Filipino culture

>200k units on the road **>60m**

regular passengers

~40% of public transportation

Retrofitting is in the Jeepney's DNA, with most built from salvaged parts





Labour-Intensive Building

- Manually built body and chassis
- Off-the-shelf truck components

Used Components Supply Chain

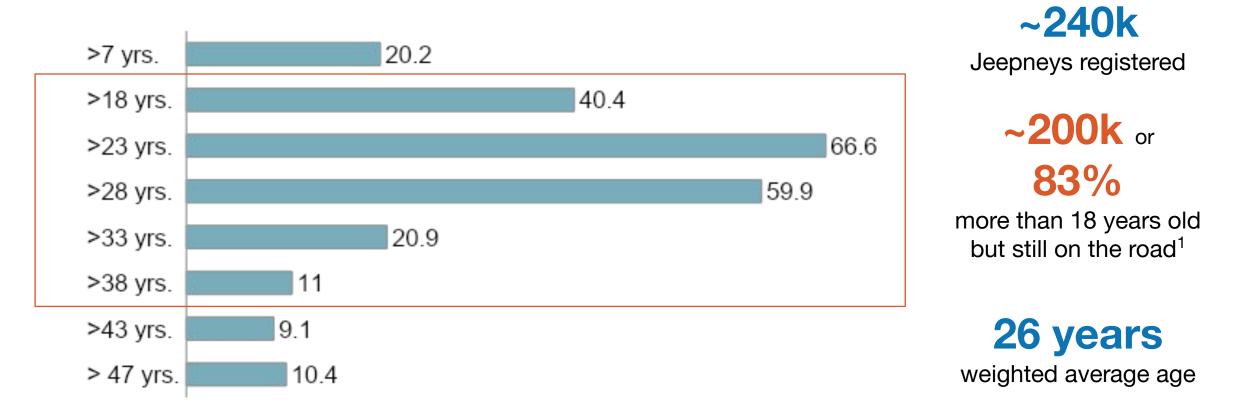
Aftermarket supply chain hubMost components are from Japan





Jeepneys are very durable, with a national fleet averaging 26 years old

Jeepneys in the Philippines by age ('000 units)



Source(s): University of the Philippines – National Centre for Transportation Studies 1) Based on interviews with jeepney drivers and operators/transport cooperatives

The durability of Jeepneys comes with emission problems





- Powered by old second-hand diesel engines
- Contribute up to 94% of PM 2.5 in urban areas
- Adverse respiratory and cardiovascular effects







Government Modernisation Mandate

- Replacement of units older than 15 years
 - Required: Euro-4-compliant or Electric



3. UNIQUE MODEL



Beyond Technology: A Cultural and Social Responsibility

Cultural Heritage

Drivers Passengers Builders Mechanics

Livelihood Preservation



Modernisation









Sarao and Tembo: Blending Culture and Innovation



Sarao and Tembo: Blending Culture and Innovation



E-JEEPNEY PROJECT

N.I.

A project backed by Arowana, Tembo, and Sarao Motors June 2025 – Asia Clean Energy Forum