

# Railway Hybrid Traction System

The world's first commercial operation of a train installed with an eco-friendly hybrid traction system\*1

## ●Eco-Friendly Railway Cars\*2

- Fuel consumption improved by 10% by using hybrid traction system
- Noise reduction by about 30dB by halting engine when waiting at stations
- Hazardous substances in engine exhaust reduced by about 60%

## ●Less Maintenance

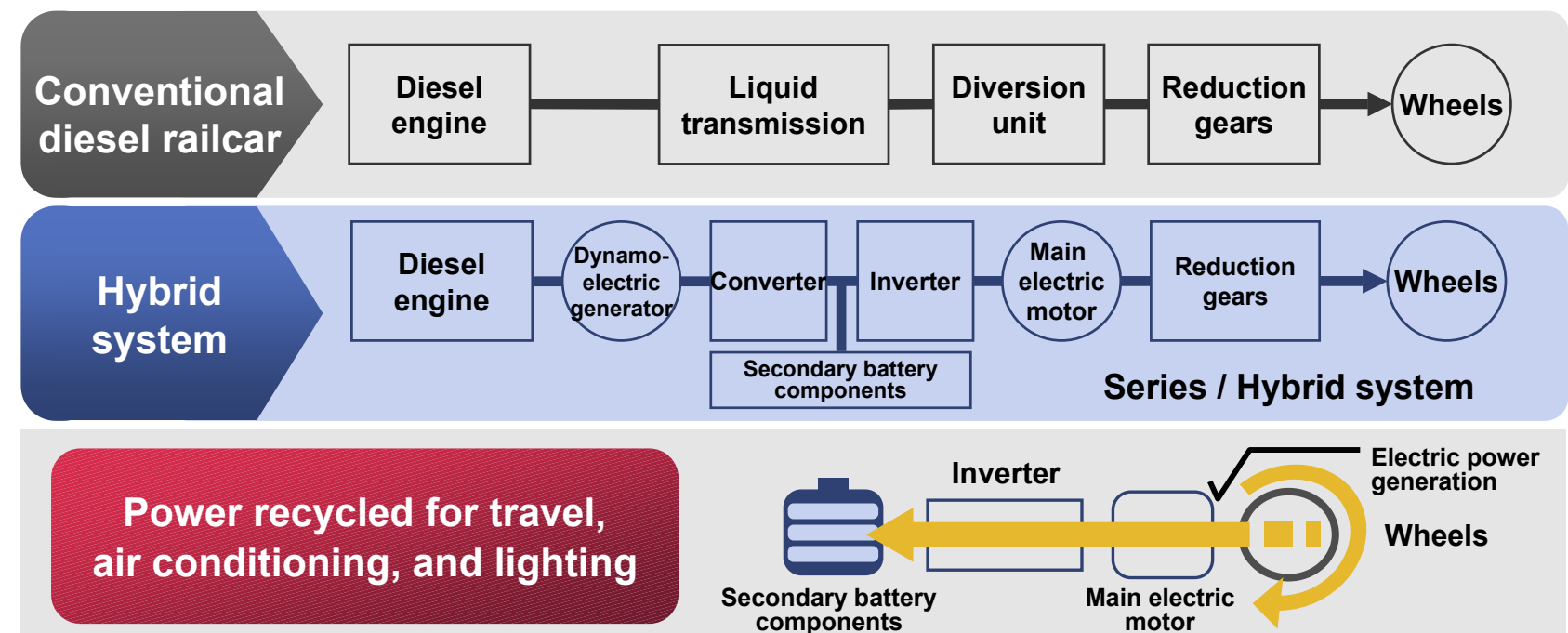
- Maintenance reduced by standardizing components (motors, control equipment, etc.) used in new trains

## ●Super Eco-Product Approval (Japan)



Awarded the Minister of Environment Award for Eco-products category in 4th Eco-products Awards

Ki-Ha E200 Type hybrid railway car in commercial operation on the Koumi Line, East Japan Railway Company



\*1: Hybrid traction system developed jointly with East Japan Railway Company  
\*2: Compared with conventional diesel railcars of East Japan Railway Company