



ELECTRIC VEHICLES INDUSTRY

As of Sept 2017

Product Coverage

- E-Jeepney
- E-Quad
- E-Trike
- E-Bike/E-Motorcycle
- E-Bus/E-Truck
- E-Car
- Parts and Components

Industry Production Capacity

≈ 88,000 units/year

Source: BOI Registration

Major Assemblers

- Bemac Electric Transportation Philippines Inc.
- Phil-Etro EV Inc.
- Philippine Utility Vehicle (PhUV) Inc.

Source: BOI Registration

Government Support

- ✓ **Motor Vehicle Development Program (EO 156/877-A)**
 - Manufacture/assembly of passenger cars, commercial vehicles and motorcycles
 - 1% Duty on imported CKD
- ✓ **Investment Priorities Plan (EO 226)**
 - Manufacture of electric vehicles and parts & components
 - Operation of Charging/Refueling Stations for Alternative Energy Vehicles
 - Environment or Climate Change-Related Project
 - Income Tax Holiday of 3-6 Years
 - Importation of Capital Equipment
 - Employment of Foreign National

Industry Associations

- Electric Vehicles Association of the Philippines (EVAP)
- Chamber of Automotive Manufacturers of the Philippines (CAMPI)

Employment

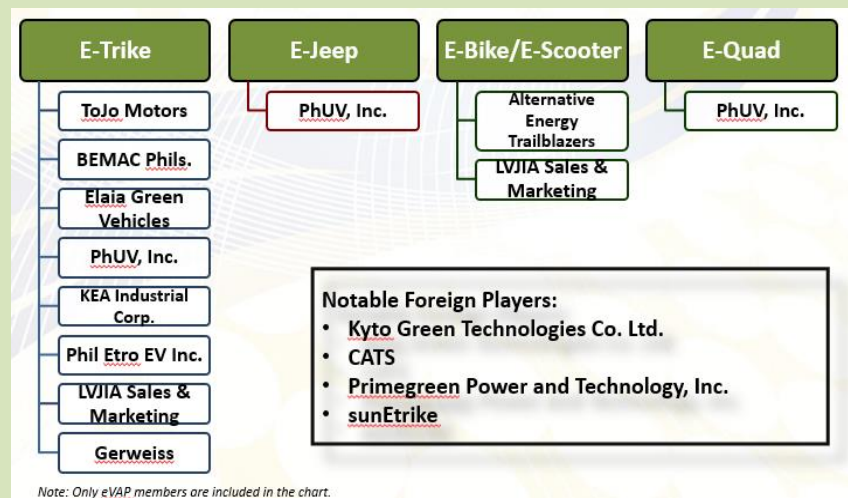
Activity	Employee
EV Manufacturing	8,600
EV Parts Manufacturing	5,400
EV Importers, Dealers & Traders, Service Providers	840

Industry Players

EV Manufacturers	Local	Foreign
E-Jeep	6	-
E-Quad	3	-
E-Trike	8	3
E-Bike	2	3
E-Bus/Trucks	2	2
E-Car	2	-
Parts & Components Manufacturers	11	
Importers, Dealers & Traders, Service Providers	7	

Source:EVAP

Key Industry Players



ENHANCED ELECTRIC VEHICLES INDUSTRY ROADMAP

Submitted to BOI by the Electric Vehicles Association of the Philippines
November 2016

OPERATIONAL MANAGEMENT TEAM

BOI Sectoral Champion
Industry Champion

Exec. Dir. Ma. Corazon Halili-Dichosa
Mr. Rommel Juan (EVAP)

VISION

A nation wherein the use of electric vehicles is highly promoted, encouraged & supported by its government & the society in order to develop a transportation landscape that is one with the environment, ecologically & economically.

MISSION

- To educate the public on environmental awareness, and the economic & ecological benefits of electric vehicles through the conduct of and/or participation in promotional activities
- To accelerate the society's conversion from using gas-powered vehicles to electric vehicles
- To partner with the government in the creation & implementation of legislations that will support & encourage the use of

MAJOR ACTIVITIES/INITIATIVES

- Support for various initiatives of the government concerning the EV Industry, i.e. LTO Guidelines for EV Registration and BPS Working Group for EV Standards, among others
- Electric and Hybrid Vehicles Bill
- EV Infrastructure Development
- APEC Automotive Dialogue: Implementation of the APEC EV Roadmap, and Study on the Impact of Government Policy Instruments on Promoting New Energy Vehicles

SUB-CLUSTER WORKING GROUP MEMBERS:

Industry: EVAP, CAMPI

Government: BOI, DOE, LTO, LTRFB, PCIEERD, EMB, BPS, DBP, LBP, League of Cities and Municipalities

Academe: UP-NCTS

DEVELOPMENTAL TIMEFRAME



Other Government Programs

PUV Modernization Program

Envisions a restructured, modern, well-managed, and environmentally sustainable transport sector where drivers and operators have stable, sufficient, and dignified livelihoods while commuters get to their destinations quickly, safely, and comfortably.

Components:

- Regulatory reform
- LGU local public transport route planning
- Industry consolidation
- Fleet modernization
- Financing PUV modernization
- Vehicle Useful Life Program
- Pilot implementation
- Stakeholder support mechanism
- Communication

➔ Certain considerations are provided to EVs under the Program, including the type of routes to be plied, availability of charging stations, driving distance, Motor Vehicle Type Approval System (MVTAS), and possible fare advantage for EVs.

➔ *Promotion of Low Carbon Urban Transport System in the Philippines.* It aims to create an enabling environment for the commercialization of low carbon urban transport systems (e.g., electric and hybrid vehicles and AGT systems) in the Philippines.

➔ Incentives for local vehicle manufacturers: Php9B (200k units in 5 years)

Modifying The Rates of Import Duty on Components, Parts and Accessories for the Assembly of Hybrid, Electric, Flexible Fuel and Compressed Natural Gas Motor Vehicles Under Section 104 of the Tariff and Customs Code Of 1978, as Amended

- sustainable development & comprehensive industrial policy for the motor vehicle industry
- zero tariffs for E-vehicle components, parts & accessories for assembly of hybrid, electric, flexible fuel & CNG motor vehicles

Electric and Hybrid Vehicles Promotions Act (Draft)


An Act Providing Incentives for the Mainstream Use, Manufacture, Assembly and Conversion of Electric and Hybrid Vehicles and for Other Purposes

Fiscal and Non Fiscal Incentives

- a. Excise tax and duties exemption for CKD (9 years) and CBU (3 years); 9-year VAT suspension for the purchase and importation of spare parts, components and capital equipment of manufacturers.
 - b. Priority in Registration and Issuance of Plate Number
 - c. Priority in Franchise Application
 - d. Exemption from the Unified Vehicular Reduction Program
 - e. Provision for Free Parking Spaces in New Establishments
- ➔ Promote energy efficiency, climate change adaptation & mitigation, & emerging industry to attract investments & generate employment



Source: EVAP

 does not include charging system that comes with EVs sold.