

List of Abbreviations and Acronyms

1G	first generation
2G	second generation
3G	third generation
AEDP	Alternative Energy Development Plan
AFET	alternative fuels and energy technologies
AIST	National Institute of Advanced Industrial Science and Technology
APROBI	Indonesian Biofuel Producers Association
ASEAN	Association of Southeast Asian Nations
BEV	battery electric vehicle
Btu/lb	British thermal unit per pound
CBU	completely built-up
CME	coconut methyl ester
Co	cobalt
CPO	crude palm oil
CREV	Comprehensive Roadmap on EVs
DFPD	Department of Food & Public Distribution
DTI	Department of Trade and Industry
E0	unblended
E10	10% ethanol blend
E20	20% ethanol blend
EAS	East Asia Summit
ERIA	Economic Research Institute for ASEAN and East Asia
ESY	ethanol supply year
EV	electric vehicle
FAME	Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles
FAO	Food and Agriculture Organization of the United Nations
FCEV	fuel cell electric vehicle
FE	fuel economy

GBEP	Global Bioenergy Partnership
GDP	gross domestic product
GHG	greenhouse gas
GWP	global warming potential
HEV	hybrid electric vehicle
IBSI	Indonesian Bioenergy Sustainability Indicators
IPCC	Intergovernmental Panel on Climate Change
L	litre
LC-GHG	life cycle GHG
LCA	life cycle analysis
MITI	Ministry of International Trade and Industry
MJ	megajoule
MPIC	Ministry of Plantation Industries & Commodities
MPOB	Malaysian Palm Oil Board
NAP	National Automotive Policy
NBB	National Biofuel Board
NBP	National Biofuels Program
Nd	neodymium
NGA	national government agency
NRE	new and renewable energy
OMC	oil marketing companies
PDOE	Philippine Department of Energy
PDP	Power Development Plan
PHEV	plug-in hybrid electric vehicle
PNS	Philippine National Standards
PPP	purchasing power parity
PSO	public service obligation
RE	renewable energy
REE	rare earth element
REO	rare earth oxide

RON	research octane number
SCT	special consumption tax
SDGs	Sustainable Development Goals
SUV	sport utility vehicle
TOE	tons of oil equivalent
t/y	ton per year
US	United States
USGS	United States Geological Survey
VKT	vehicle kilometre of travel
xEV	electrified vehicle
ZEV	zero emissions vehicle