ASEAN ELECTRIC VEHICLE OUTLOOK

SESSION 1: EV CHARGING INFRASTRUCTURE FOR THE PHILIPPINES: CHALLENGES AND OPPORTUNITIES

Date: **7 July 2021**



(**L**) Speaker

A Career Executive Service Officer Rank Ill, he has served in various capacities in the DOE from the Office of the Secretary, Information Technology Management Service, and Energy Policy and Planning Bureau. With the passage of the Energy Efficiency and Conservation (EE&C) Act in 2019, after more than three decades of its initial draft in 1988 — flow Director Aquino with the support of the DOE, stands at the forefront of the implementation of EE&C in the country.

Mr. Patrick T. Aquino
Executive Director
Director, Energy Utilization and Management
Bureau of the Department of Energy
Philippines



ASEAN ELECTRIC VEHICLE OUTLOOK

SESSION 1: EV CHARGING INFRASTRUCTURE FOR THE PHILIPPINES: CHALLENGES AND OPPORTUNITIES

Date: **7 July 2021**



Ms. Tracy Xie
Business Development Head
of E-Mobility for Asia
Shell International Petroleum Corp.

(**b**) Speaker

Tracy Xie is a transformative leader with 18 years wide & diverse record of driving business transformation in Asia-Pacific, Middle-East and Europe markets. And is currently based in Singapore.

She has experience with multinational corporates in different industries such as International Trading, Shipping & Logistics, Professional Services, Oil & Gas/Energy and different functions like Sourcing, Sales & Marketing, Customer Service, Operations & Technology, Strategy etc.

Her recent endeavor focus is on energy transition, sustainability and E-Mobility strategy development and implementation.

She is a certified Lean Six Sigma Master Black Belt, Agile master, Project Management Professional, Change Management coach.

PhD candidate of Singapore Management University, with research areas on Strategy & Sustainability, Business Innovation, and Digital Transformation.



ASEAN ELECTRIC VEHICLE OUTLOOK

SESSION 1: EV CHARGING INFRASTRUCTURE FOR THE PHILIPPINES: CHALLENGES AND OPPORTUNITIES

Date: **7 July 2021**



Mr. Noel Soriano
Vice President
Unioil Petroleum Philippines Inc.

(**b**) Speaker

Noel Soriano has 11 years of experience in the Fast Food industry and was previously a Director for franchising, store operations, retail network expansion, marketing and commissary operations.

He has almost 18 years of experience in the Oil & Gas industry. 10 years of which, was working with Pilipinas Shell Petroleum Company and almost 8 years with Unioil Petroleum Philippines, Inc. He was previously the Lubricants Brand Manager of Shell Helix with various experience in industrial sales, retail store operations, retail business development and network expansion.

Currently, he is the President of the Independent Philippine Petroleum Companies, Inc., an association of Philippine based independent oil companies. He is also the Vice President for Unioil Petroleum Philippines, Inc. handling Manufacturing, Logistics and Corporate Communications. Additionally, heads Unioil's Renewable Energy Group responsible for introducing Unioil's air quality monitoring network in 50 locations nationwide and the launch of Unioil's Electric Vehicle Fast Charging Stations in Metro Manila since 2017.



ASEAN ELECTRIC VEHICLE OUTLOOK

SESSION 1: EV CHARGING INFRASTRUCTURE FOR THE PHILIPPINES: CHALLENGES AND OPPORTUNITIES

Date: **7 July 2021**



Dr. Manny Biona
Executive Director
Electric Vehicle Association of the
Philippines (eVAP)

(♣) Moderator

Dr. José Bienvenido Manuel M. Biona, is currently a Professor of Mechanical Engineering and the Executive Dean of the Enrique Razon Jr. Logistics Institute of De La Salle University (DLSU).

Concurrently, he is the Executive Director of the Electric Vehicle Association of the Philippines. He has a very strong understanding and access to the whole eMobility value chain in the country.

Likewise, he is a Technology Advisor of Tojo Motors Corp., one of the biggest local electric vehicle manufacturing companies in the Philippines.



ASEAN ELECTRIC VEHICLE OUTLOOK

SESSION 2: PROMOTING ELECTROMOBILITY IN THE ASEAN REGION

Date: **7 July 2021**



Mr. Edmund Araga
President
Asian Federation Electric Vehicle
Associations (AFEVA)

^(♠) Speaker

EDMUND A. ARAGA, Founding Member and President of the Asian Federation of Electric and Hybrid Vehicle Association (AFEHVA) that brings together EV industry leaders from the Philippines, Thailand, Malaysia, Singapore, and Vietnam in an annual summit which brings together EVAP members and their foreign counterparts for B2B meetings and forge alliances and joint ventures.

Edmund is also the president of the Electric Vehicle Association of the Philippines (eVAP), the official organization composed of 55 major players in the EV industry in the Philippines. He represented in Senate hearings discussing "An Act Providing the National Energy Policy and Regulatory Framework for the Use of Electric Vehicles, and the Establishment of Electric Charging Stations." He is also advocating at both Congress and Senate for the passage of the Electric Vehicle and Hybrids Incentives Bill that will grant fiscal and fiscal incentives for both manufacturers and users of EVs and hybrids.



ASEAN ELECTRIC VEHICLE OUTLOOK

SESSION 2: PROMOTING ELECTROMOBILITY IN THE ASEAN REGION

Date: **7 July 2021**



Mr. Terence Siew
President
Electric Vehicle Association
of Singapore (eVAS)

(♣) Speaker

Mr. Terence Siew is the Regional Manager at Greenlots, a leading technology provider for EV drivers and an enabler for site hosts and network operators to efficiently deploy, manage and leverage EV charging infrastructure. Greenlots is a wholly-owned subsidiary of Shell New Energies.

Terence oversees business operations in Singapore. His role also requires him to engage closely with key stakeholders and partners in this fast-growing sector. Terence is also the President of the Electric Vehicle Association of Singapore (EVAS), a non-profit organization set up to promote electric mobility adoption and accelerate the country's transition towards sustainable transportation.

ASEAN ELECTRIC VEHICLE OUTLOOK

SESSION 2: PROMOTING ELECTROMOBILITY IN THE ASEAN REGION

Date: **7 July 2021**



Mr. Krisda Utamote
President
Electric Vehicle Association
of Thailand (eVAT)

(♣) Speaker

Mr. Krisda Utamote has been working with BMW Group Thailand for over 20 years. He is currently responsible for managing corporate and product communications for BMW, MINI and BMW Motorrad business units, as well as corporate affairs for BMW Group Thailand.

In addition, Krisda serves as the President of the Electric Vehicle Association of Thailand (EVAT) since July 2020. The Electric Vehicle Association of Thailand is a non-profit association with the objectives to promote and support sharing of academic knowledge in terms of electric vehicle technologies and innovations of all kinds. EVAT's members represent private sector, educational institutes, state enterprises and general public, totaling over 270 members. Since March 2021, EVAT is also a part of Thailand's National EV Policy Committee, aiming to increase an adoption and local production of electric vehicles.



ASEAN ELECTRIC VEHICLE OUTLOOK

SESSION 2: PROMOTING ELECTROMOBILITY IN THE ASEAN REGION

Date: **7 July 2021**



Dato' Dennis Chuah President Electric Vehicle Association of Malaysia (eVAM)

(**b**) Speaker

DENNIS CHUAH has more than 30 years of corporate and entrepreneurial experience in the high tech manufacturing, electrical & engineering, lithium battery technology and electric vehicle industry. In 1996, Dennis founded Zapstat Sdn. Bhd. a pioneer manufacturer of electronic antistatic packaging materials, developing flexible aluminum foils for making Lithium polymer cells. Being in the fore front of lithium battery technology, Dennis set up ETI Corporation Berhad (ETICB) in 2003 to focus on Battery Management and energy storage systems. In 2008, ETICB's market capital value hit RM600M and Dennis made the "Forbes Asia's 4th and 5th Annual Best Under a Billion" list.

Dennis then set out on a new mission to build electric vehicles through ECLIMO Sdn. Bhd. which he co - founded in 2008. ECLIMO is currently the only 100% Malaysian owned Electric Vehicle Manufacturers with registered patents in their battery storage.



ASEAN ELECTRIC VEHICLE OUTLOOK

SESSION 2: PROMOTING ELECTROMOBILITY IN THE ASEAN REGION

Date: **7 July 2021**



Dr. Le Anh Tuan ProfessorVietnam Electric Vehicle Experts Network

(♣) Speaker

Professor doctor Le Anh Tuan obtained his bachelor's degree in 1997, master's degree in 1999 from Hanoi University of Science and Technology, PhD. degree in 2005 from Graz University of Technology, Austria, majoring in Mechanical Engineering.

He has conducted several national research projects and international collaboration projects regarding internal combustion engine, fuels for IC engines, conventional and alternative power source vehicles; related policies on low-carbon transport, in general, and electric vehicles development, in particular.

He is a Co-Chair of the On Road Vehicle Session, National Conference on Traffic Safety of Vietnam; member of the national standardized and regulation committees for internal combustion engines, vehicles, and on gasoline, diesel and biofuels; committee chair, The Council of Asian Science Editors; Executive member, Vietnam Association of Science Editing; member of International Society of Automotive Engineering; member of the Council for Decarbonizing Transport for Asia; editorial board member of plenty international and domestic journals.



ASEAN ELECTRIC VEHICLE OUTLOOK

SESSION 2: PROMOTING ELECTROMOBILITY IN THE ASEAN REGION

Date: 7 July 2021



Dr. Yossapong Laoonual Head of Mobility & Vehicle Technology Research Center (MOVE)

King Mongkut's University of Technology Thonburi (KMUTT), Thailand



Dr. Yossapong is one of the founding members, advisor and honorary chairman of Electric Vehicle Association of Thailand (EVAT), promoting electric vehicle technology to use less fossil fuel and reduce air pollution in Thailand. He was elected as first President of EVAT and served from 2015-2020.

Currently, he is appointed as an Assistant to the President for Sustainability and also works as Associate Professorin Mechanical Engineering and as Head of Mobility & Vehicle Technology Research Center (MOVE) at King Mongkut's University of Technology Thonburi (KMUTT) in Thailand.

In recent years, he has served on a number of committees at both government and society level on a voluntary basis. For instance, he had been subcommittee member on regulatory control of air pollution from motor vehicles, under pollution control committee, national environment board since 2015. He is also appointed as a member on National Electric Vehicle Policy Committee, Office of the Prime Minister.

He holds a Ph.D in Mechanical Engineering from Imperial College London.

