



Dr. FEDERICO "Poch" M. MACARANAS

"MAPping the Future" *column in INQUIRER*

***"Skills mismatch:
Industry's role"
(MEW 2023 @WVSU)
(2nd of 2 Parts)***

August 28, 2023



Ms. RUTH YU OWEN

"MAP Insights" *column in BUSINESSWORLD*

***"Forging the path
to Philippine energy
security"***

August 29, 2023

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2 **"Skills mismatch: Industry's role"**

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(from page 1)



Dr. FEDERICO "Poch" M. MACARANAS

(Conclusion)

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The Management Association of the Philippines (MAP) and the Asian Institute of Management (AIM) rolled out their joint 31st edition of the Management Educators Workshop (MEW) on July 27 to July 28 at West Visayas State University (WVSU) in Region 7, the second highest in research and development (R&D) personnel resources after the National Capital Region, based on a 2018 Survey of the Department of Science and Technology.

WVSU president Joselito Villaruz was also a most eager learner and productive participant in the 2021-2022 Commission on Higher Education-AIM Global Academic Leadership Program for university presidents and other education officials. His campus is now building a multi-story home for health-related academic activities, including research at its upgraded

genomic center to screen diseases without having to send samples to Manila or other Southeast Asian cities.

More industry voices

Following the old MEW format, industry leaders spoke out on current issues:

Donald Lim, MAP treasurer and chief operating officer of DITO CME Holdings Inc. described how Luna Academy offers 515 courses from various technology providers. These were after his self-designed lifelong learning during the pandemic, including those useful to the nonpandemic Philippine setting (e.g., blockchain that enables more secure handling of data across users), which can be applied to the range of industries he covers: oil and gas, retail, education, property management, tourism, shipping logistics and food retail.

Alma Jimenez, president and CEO of Health Solutions Corp., used actual research findings for new hospital models that also apply to the burgeoning tourism sector of the country, which will require new talents. The cross- and trans-disciplinary approach in 21st century problem-solving is made evident in the two fields where common concerns surfaced on the skills mismatch issues: the rise of alternative learning systems, expanding employment opportunities and mobility for health and safety.

Ma. Teresita Pastor Medado, president of National University-Asia Pacific College (co-founded by IBM and SM Foundation), offered models of IT/computing courses, including a proposal for an Associate Arts degree to solve the global dearth of talents in the field.

The nine workshops responded to the finding of a Philippine Institute for Development Studies research that college graduates are now taking more technical-vocational courses for better job prospects.

Academic-industry linkages to alleviate skills mismatch

As background to the faculty industry immersion and student project-based internship workshop topics, presentations were made by AIM professors.

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Monterola demystified the AI tool with a feature story on Carmen's Best, a premium ice cream venture of Paco Magsaysay, sequentially transforming into a script and finally into a short film all via ChatGPT.

Michelle Banawan described the general benefits and costs of large language models in providing instant feedback, personalized support, adaptive learning, decreased teacher workload and increased student engagement that can foster collaboration. Also covered were the negative aspects: cheating, plagiarism, decreased rigor with reading materials, codes being passed as one's own and the hallucinations of creative fictional information in generating responses to prompts versus narratives, which require constant fact-checking.

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Immediately after the two-day workshop, a memorandum of understanding (MOU) was signed by the host university with Globetek Science Foundation of Samuel Bernal of the Filipino diaspora. He recently received a new US patent that could be further explored by Philippine universities for practical R&D.

In his lecture with AIM data scientists, Bernal raised the legal and ethical issues of AI in education, which he related to the host university's new genomic center. This MOU will also engage WVSU faculty and students with the health and wellness research conducted by Globetek in many cities around the world. In Makati, it includes biochemistry in food technology, e.g., how local lambanog becomes vodka-like after proper distillation and how calamansi joins limoncello liqueur in global markets.

Another MOU among three universities (WVSU, Southern Leyte State University and Northern Iloilo State University) will jumpstart activities in line with the Department of Trade

and Industry Region 6's idea of the region as a hub for global health information systems.

The short-term convergence of interests of state universities and colleges, as well as local and national government agencies, will be followed by: medium-term geographic information system mapping; production of information, education and communication materials; setting up of research activities for systems development; and in the long-term, the commercialization of products/technologies with due consideration of intellectual property regimes.

Following the designation of Batangas State University as the National Engineering University of the Philippines, the Philippine Normal University is hoping to champion lifelong learning courses to address reports on the quality of teacher education. Discussion within MAP will start this August in line with ChatGPT in teacher education; and critical thinking skills for tourism, medical and maritime industries.

Micro-credentials can also be offered on climate change that will cater to basic education with practical local projects to stimulate creativity among the youth, e.g., bamboo reforestation and new industries (engineered bamboo to replace steel in skyscrapers, bamboo beer as pioneered in Mexico, bamboo for greenhouse gas capture, bamboo linen, stylized food from labong/yabong shoots, etc.). These will be alongside strengthening local information systems with fact-checking, reinforced by the announcement of President Marcos on the subject.

Agility, cross- and trans-disciplinary engagements and openness to lifelong learning for all players in the skills mismatch challenging the economy today are part of the swarm leadership agenda of 21st century Philippines. The collectively innovating organizations that self-organize in complex systems are what the country needs. Such swarms move faster than others and survive the tests of external forces more ably.

The author chairs the Management Association of the Philippines Education Committee. He is a board member of St. Paul University Philippines and Bayan Innovation Group Inc. Feedback at map@map.org.ph and frmmacaranas@gmail.com.

“Forging the path to Philippine energy security” *(from page 1)*



Ms. RUTH YU OWEN

In a breakfast meeting packed with ambition and determination, Energy Secretary Raphael “Popo” Lotilla and Energy Regulatory Commission (ERC) Chairperson Monalisa “Mona” Dimalanta showcased their unwavering dedication to transforming the Philippine energy sector. With just one year in office, the dynamic duo has achieved remarkable milestones and set ambitious goals.

One of the key achievements highlighted in the meeting was Mr. Lotilla’s swift action to increase the renewable portfolio standards from a meager 1% to an impressive 2.52%. This bold move positions the power system to effectively increase the share of renewable energy (RE) in the supply mix to 35% by 2030 and an astounding 50% by 2040.

He also knew that to significantly increase the power supply in our system, we needed to open up the RE sector to foreign investment. Within four months of assuming office, Mr. Lotilla, armed with a legal opinion from

the Department of Justice, unlocked for 100% foreign investment the use of solar energy, wind and hydropower energy for power generation.

Ms. Lotilla’s collaboration with Chairperson Dimalanta and the ERC has resulted in the development of policies and regulations that prioritize transparency in the energy sector. This fruitful partnership has given rise to initiatives such as market monitoring indices and a revamped ERC website, making it easier for consumers to file complaints and ensuring the affordability of electricity.

Ms. Dimalanta, leading the ERC, unveiled their ambitious goals for 2024, which include increasing sector transparency, pursuing affordable power prices and reinforcing accountability. Through innovative regulatory programs focused on offshore grids, electric vehicles (EVs) and micro-grids, the Department of Energy and ERC aim to satisfy stakeholders’ needs in terms of price affordability.

During the breakfast dialogue hosted by BDB Law and Management Association of the Philippines (MAP) on Aug. 14 at the Shangri-La The Fort, Secretary Lotilla emphasized the importance of self-sufficiency and security in the field of renewable energy. To achieve the goal of 50% RE capacity by 2040, the DoE recognizes the role of liquefied natural gas (LNG) as transition fuel. The country’s offshore wind potential will also be nurtured not only for energy security but also to increase private sector involvement in providing job opportunities to local workers and for skilled, technical Filipino workers abroad to return home.

The equally important aspect or pillar

5 of DoE's energy program is the effective implementation of energy efficiency and conservation measures to bring down overall energy consumption, lower greenhouse gas emissions and reduce intensity in the production of goods and services. This is not just simply a gut-feel reaction to high fuel prices, but the direction that the energy end-use market must take as a society. Sustainable development goals require a change in lifestyle, and it requires a change in consumption patterns.

These are the things that we need to undertake in order for our energy programs to succeed. Secretary Lotilla emphasized that DoE will have to work closely with designated establishments to reduce specific energy consumption across various commercial, industrial and transport end-users. The Inter-Agency Energy Efficiency and Conservation Committee will also have to aggressively stretch the energy saving impacts of the Government Energy Management Program.

Under the Electric Vehicle Industry Development Act or EVIDA, which promotes the development and use of alternative fuels and technologies, the Comprehensive Roadmap for the Electric Vehicle Industry sets a minimum 10% EV share in the vehicle fleet by 2040. DoE's more ambitious target is to refleet 50% of all vehicle fleets by 2040 under a clean energy scenario. We look forward to 2028 when we expect all registered EV charging stations to get and use a percentage of their consumption from renewable energy sources. So shifting to electric vehicles does not by itself make sense if we cannot get the power for electric vehicles from renewables.

The ERC, in its efforts to boost flexibility in power supply contracting for off-grid areas, is actively transitioning from fossil fuels to renewables through hybrid programs. It is also addressing voltage challenges and improving backbone facilities in electric cooperatives.

Acknowledging the need to enhance competitiveness, the DoE understands that power costs in the Philippines cannot be subsidized to the same extent as neighboring countries. However, through renewable energy shifts and access to additional resources and technology, Mr. Lotilla and Ms. Dimalanta remain optimistic about achieving their ambitious RE targets.

Collaboration with MAP was mentioned for energy efficiency solutions, tax matter coordination and involvement in crafting the Philippine Energy Plan. The industry was encouraged to be open to different fuel sources like nuclear energy and offshore wind.

With their shared vision of a sustainable and efficient energy sector, Mr. Lotilla and Ms. Dimalanta prove to be a formidable force in driving change. Through their tireless efforts, they are reshaping the Philippine energy landscape, setting a promising path toward a greener and more prosperous future for all. What an exciting time it is for the energy sector!

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PHILIPPINE DAILY INQUIRER

BOARD TALK

From buzzword to boardroom:
Blockchain as a new way to boost profitsPROFIT PUSH
TOM OLIVER

complex math and computer processes. But the essence is about building trust and verifying information in a decentralized manner.

Practical applications

The potential applications of blockchain technology are vast and diverse. In finance, blockchain has the potential to revolutionize the way we conduct transactions, from cross-border payments to securities trading. By eliminating intermediaries and reducing transaction times, blockchain can increase the efficiency of financial transactions and reduce costs.

Blockchain technology also has the potential to transform the supply chain industry. By creating a permanent record of each transaction in the supply chain, blockchain can increase transparency and reduce the potential for fraud. This can enhance trust between suppliers and buyers, and increase efficiency in the supply chain.

In the health-care industry, blockchain has the potential to revolutionize the way medical records are stored and shared. By creating a secure and transparent database of patient records, health-care providers can reduce the potential for fraud and increase the accuracy of diagnoses.

ILLUSTRATION BY RUTH MACAPAGAL

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Practical examples

Let us look at some practical examples of how companies have incorporated or are experimenting with blockchain technology to increase efficiency and reduce costs:

1. Banking and payments: Blockchain can facilitate direct international transactions, cutting down intermediaries, reducing costs and speeding up the process. Ripple (XRP) provides a real-time gross settlement system, currency exchange and remittance network. Major banks like Santander and American Express have partnered with Ripple to facilitate faster cross-border payments using its blockchain-based technology.

2. Food safety: Traditionally, it has been hard to trace the source of contamination in case of food-borne diseases. Blockchain-based solutions

In collaboration with IBM's blockchain-based Food Trust, Walmart tracks its lettuce and spinach supply from farms to stores to ensure faster recalls and improve food safety. In the case of an outbreak or contamination, it becomes easier to identify the source and remove contaminated products.

3. Supply chain: Maersk, the shipping giant, partnered with IBM to develop TradeLens, a blockchain-based shipping and supply chain management company. This helps in the real-time tracking of shipments and reduces paperwork.

4. Authentication and provenance: De Beers uses blockchain to trace the journey of diamonds from mines to consumers, ensuring authenticity and ethical sourcing.

5. Music and entertainment: Spotify acquired blockchain startup Mediachain to leverage its technology to match songs with their creators and license

paid fairly.

6. Real estate: Startup Ubiqity offers a software-as-a-service blockchain platform, allowing for easy record-keeping and tracking of real estate transactions, reducing fraud and increasing transparency.

7. Automobile: BMW tested blockchain to track and verify the origin and ethical sourcing of cobalt, a key component used in electric car batteries.

8. Agriculture: Bext360 provides coffee farmers with a blockchain solution to trace beans from "tree to cup," ensuring fair payment and traceability.

9. Airlines: Lufthansa has partnered with software firm SAP to create a blockchain competition to find practical uses for blockchain in the airline industry, including loyalty programs and supply chain optimization.

10. Energy: Brooklyn Microgrid is a project in New York where neighbors can buy and sell solar energy using a blockchain platform, effectively bypassing major energy companies.

11. Insurance: AXA, the insurance giant, has a product called "Fizzy," a blockchain-based automatic compensation tool for flight delays.

12. Retail: Alibaba uses blockchain to counteract food fraud and ensure the provenance and authenticity of imported goods in its marketplace.

13. Health care: The Medileger project brings together leading pharmaceutical companies to ensure the authenticity of drugs, reduce counterfeit medicine and improve patient safety.

14. Journalism: Civil, a blockchain platform, aims to provide

journalists directly, ensuring authenticity and reducing dependence on ad revenue.

15. Loyalty and rewards: Loyalty points are usually limited to specific companies or platforms.

Universal loyalty points based on blockchain can be used across various services and platforms. Startups like Loyal are reinventing how loyalty is created and rewarded using blockchain.

Conclusion

These are just a few companies and industries actively incorporating blockchain technologies into their operations to increase efficiency, reduce costs and tackle other industry-specific challenges.

These examples show that blockchain technology can streamline processes, reduce intermediaries, save costs and increase transparency across various sectors, from finance to health care to entertainment.

As blockchain technology evolves and matures, businesses need to understand its potential impact and explore its applications in their industries. With its potential to increase efficiency and reduce costs, blockchain is poised to become a significant force in the future of business transactions. **W**



Tom Oliver, a "global management guru" (Bloomberg), is the chair of The Tom Oliver Group, the trusted advisor and counselor to many of the world's most influential family businesses, medium-sized enterprises, market leaders and global conglomerates. For more information and inquiries, visit: TomOliverGroup.com or email: TomOliverGroup@gmail.com

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Energy and Philippine hosting of FIBA games

mit that ended on Aug. 24, and they announced membership expansion to six other countries starting January 2024. No. 2 was

the start of Federacion Internacional de Basketball (FIBA) World Cup on Aug. 25 at the Philippine Arena.

Size, energy indicators for 2022

Nominal	GDP size, \$ bil.	Electricity generated, TWh	Oil cons. tbpd	Oil reserves Billion barrels 2020	Coal cons., PJ
26,031.6	51,633.5	12,785.6	26,075	150.2	16,590
8,300.0	30,217.0	8,848.7	14,295	26	88,410
3,986.4	11,855.4	1,858.0	5,185	4.5	20,090
1,924.1	3,837.2	677.2	2,512	11.9	590
2,215.3	4,771.3	1,565.9	3,570	107.8	3,190
405.7	952.6	234.8	513	—	3,310
3,195.7	7,833.2	1,270.7	8,342	558.8	280
475.2	1,674.7	200.8	750	31	50
120.4	357.5	147*	—	—	—
312.2	1,596.9	348.1	1,912	157.8	80
612.2	1,225.4	150.8	678	2.5	50
1308.1	2,150.5	401.5	3,876	297.5	—
507.5	828.3	154.7	1,226	97.8	100
3,779.9	49,692.0	7,899.2	30,799	239.9	18,240
5,464.5	25,464.5	4,547.7	19,140	68.8	9,870
4,233.5	6,138.9	1,035.6	3,337	—	4,920
4,075.4	5,347.4	571.3	2,075	—	2,330
4,070.6	3,714.6	326.0	1,317	2.5	210
2,784.0	3,704.2	467.7	1,420	—	210
2,012.0	3,058.0	287.3	1,222	0.6	310
2,139.8	2,264.4	659.6	2,268	168.1	190
5,540.4	9,865.4	1,728.2	5,921	9.8	8,940
1,318.8	4,036.9	333.4	1,585	2.4	4,380
404.3	1,371.2	114.4	451	—	840
406.5	1,321.2	260.0	515	4.4	2,050
516.2	1,482.3	180.4	1,277	0.3	710
407.9	1,134.7	182.9	894	2.7	940
456.8	719.1	52.1	1,199	—	20

* WORLD ECONOMIC OUTLOOK 2022, ENERGY FROM ENERGY INSTITUTE, STATISTICAL REVIEW OF WORLD

BRICS EXPANSION

The original five BRICS member-countries were already huge in population. With the addition of six more countries, the bloc will now be called BRICS-11 and would have a combined population of 3.64 billion people as of 2022 — a huge consumer market.

Table 1 compares some basic economic and energy data on BRICS, the expanded members, G7 industrialized countries and the ASEAN-6. Here are the basic facts as of 2022.

One, in terms of population, BRICS-11 is 4.7x larger than G7 and 6.1x larger than ASEAN-6.

Two, in GDP size, G7 is still larger than BRICS-11 in nominal values but in purchasing power parity (PPP) values, it is 1.2x larger than G7. The Philippines is now a trillion-dollar economy in PPP values along with Vietnam, Thailand and Malaysia.

Three, in total electricity generation, BRICS-11 is 1.8x larger than G7. China alone with 8,849 terawatt-hours (TWh) is larger than G7 combined. This is mainly because BRICS and ASEAN countries have significantly expanded their conventional fossil fuel plants, while G7 has pulled back.

Four, oil consumption of BRICS-11 at 34.4 million barrels per day (bpd) is now larger than G7. In ASEAN-6, Singapore and Thailand have nearly three times each larger than the Philippines. They are huge airport and international trading hubs in the region.

Five, in proven oil reserves, Iran, Saudi Arabia and the United Arab Emirates (UAE) are OPEC member countries and now that they are with BRICS-11, their combined oil reserves of 709 billion barrels are three times larger than G7. One would say that BRICS expansion is primarily an

MY CUP OF LIBERTY BIENVENIDOS. OPLAS, JR.

energy security project, and secondarily an economic integration project.

Six, in coal consumption the original BRICS (except Brazil, which is mainly hydro) with 115,600 petajoules (PJ) have powered their GDP expansion and electricity generation mainly from coal, while G7 countries have significantly pulled back from coal. Check my Aug. 17 column titled "Energy realism: Decarbonization and deindustrialization." Good thing that ASEAN-6 has a similar energy policy as the original BRICS except Singapore, which is mainly using other fossil fuels — oil-gas (see Table 2).

The long-term economic and energy implications of BRICS-11, which may become BRICS-20, etc. in the coming years, is more energy security for them and their economic allies, more stable energy and consumer prices. The G7 and allies with their continued anti-fossil fuels and decarbonization rhetoric will likely continue their high energy and consumer prices. The Philippines and other developing countries should stay away from the G7 and western climate and energy agenda, prioritize faster economic growth and job creation for its people.

FIBA WORLD CUP

The FIBA Basketball World Cup is held every four years. The first and last time the Philippines hosted it was in 1978 or 45 years ago. This year, the Philippines through the Samahang Basketbol ng Pilipinas (SBP) is co-hosting it

with Japan and Indonesia for the group elimination games, but the quarterfinals to final games will be hosted only by the Philippines.

I watched the opening games at the Philippine Arena in Bulacan on Aug. 25. I brought my 12-year-old daughter Bien Mary and two Filipino-German boys Simon and Luis, sons of our friends who live in Bavaria, Germany and now on vacation here.

The crowd was huge — more than 38,000 — a new attendance record in FIBA World Cup history. The previous record was about 32,600 in Canada in 1994. My daughter, who does not watch basketball, became an instant fan of the game. Simon and Luis were surprisingly happy to see for the first time a World Cup basketball live — the entertainment between the games, the atmosphere and energy of Gilas Pilipinas fans and the games of the four teams/countries. They said they will not forget the day and they have shared their experience and observations with their friends in Germany and other countries.

Experiences like these can be translated into more tourism and more good vibes about the Philippine economy. Kudos to SBP for hosting the FIBA World Cup and hats off to SBP President Al Panlilio and SBP Chairman Emeritus and member of the Central Board of the FIBA, Manuel V. Pangilinan or MVP Good job, sir.

When foreign visitors watch live international sports competitions like FIBA games, they watch not only the games and the arena, they also see our hotels, our malls, our musicians, dance troupes and other entertainers. They see the country and the always-smiling Filipinos. Tourism later translates into trade and investments, economic growth and job creation.



presents

21st MAP INTERNATIONAL
CEO CONFERENCE

ON A COHESION COURSE

Leading in the Age of
Unlimited Possibilities

September 12, 2023 | Tuesday
8:00 AM to 5:00 PM
Grand Ballroom, Shangri-la The Fort

in partnership with

BusinessWorld



Morning Speakers



His Excellency KAO KIM HOURN
Secretary-General, Association of
Southeast Asian Nations (ASEAN)

OPENING KEYNOTE SPEAKER



Mr. BICKY BHANGU
Chairman, Singapore International
Chamber of Commerce



Mr. NITHI PATARACHOKE
Chair, Thailand Management
Association (TMA)



Mr. RAYMUND CHAO
Chairman, Asia Pacific and China, PwC

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MAP CEO CONFERENCE 2023 REGISTRATION RATES

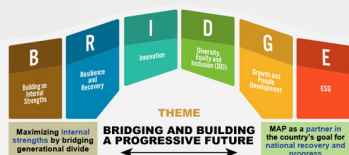
REGISTRATION FEES

Payment by	MAP Member	Non-MAP Member	Foreign Delegates
August	P14,000	P16,000	\$350
September	P16,000	P18,000	\$400

Get 1 FREE seat for every 5 seats paid.

Special Rate for Full-Time Academic and Government Officials

Payment by	MAP Member	Non-MAP Member
June to September	P4,000	P6,000



GENERAL MEMBERSHIP MEETING

NATIONAL SECURITY: Should Business Worry?

SEPTEMBER 20, 2023
WEDNESDAY
3:00 PM - 4:30 PM
MARRIOTT HOTEL
PASAY CITY

SPEAKER

**Secretary GILBERTO
"Gibo" C. TEODORO, JR.**

Department of National Defense (DND)

Registration Fees

MAP Member _____ **FREE**
Guest _____ **P3,000**

On the same day and venue...

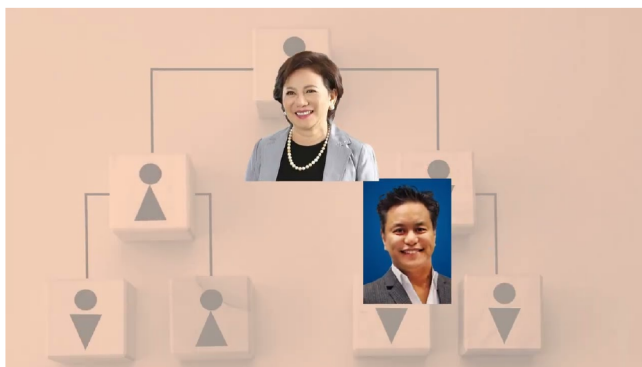
Networking Fellowship Cocktails

4:30PM - 6:00PM

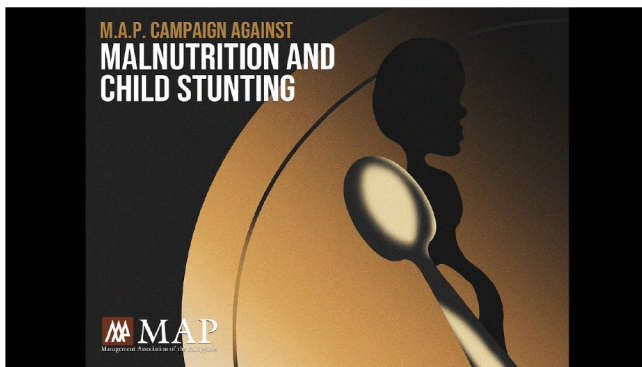




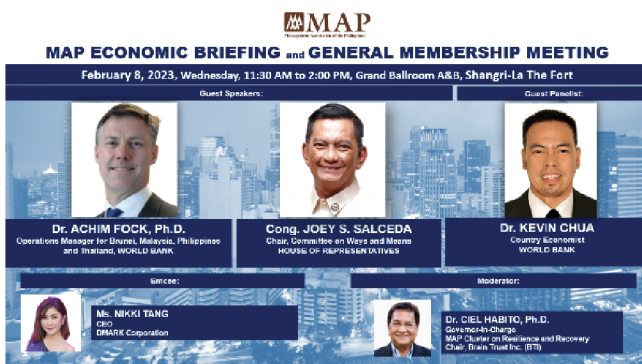
July 12, 2023
MAP GMM on Business Opportunities in ASEAN



About MAP



MAP Campaign against Malnutrition and Child Stunting



February 8, 2023
MAP Economic Briefing and General Membership Meeting (GMM)



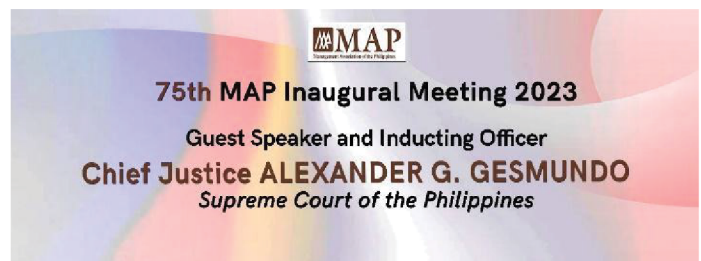
MAP Activities (loop)



MAP GMM on "National Priorities on Environment, Natural Resources and Climate Change"



March 8, 2023
MAP General Membership Meeting (GMM) on International Women's Day



January 31, 2023
MAP Inaugural Meeting and Induction of MAP 2023 Board of Governors



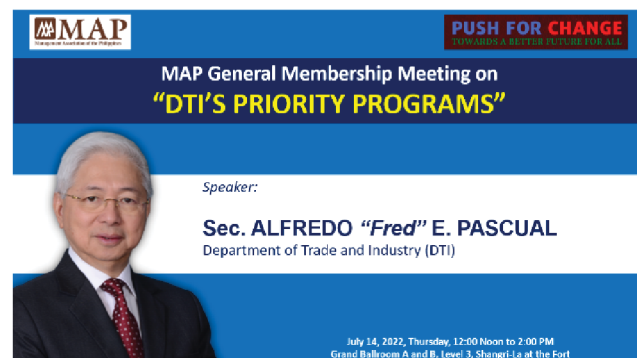
November 22, 2022
MAP Annual General Membership Meeting and
"MAP Management Man of the Year 2022"
Awarding Ceremony



October 13, 2022
MAP GMM



September 8, 2022
MAP - PMAP Joint GMM



July 14, 2022
MAP GMM



November 11, 2022
3rd MAP NextGen Conference 2022



September 13, 2022
MAP International CEO Hybrid Conference



August 19, 2022
MAP GMM



July 1, 2022
MAP Webinar

MAP Management Association of the Philippines
PUSH FOR CHANGE TOWARDS A BETTER FUTURE FOR ALL

MAP General Membership Meeting **"ICT LEADERSHIP IN OUR NEW WORLD"**
JUNE 23, 2022, THURSDAY, 12:30 PM to 2:30 PM via ZOOM A Project of MAP ICT Committee

Speakers:

Dr. DAVID R. HARDOON
Managing Director
Abolito Data Innovation

Mr. AILEEN JUDAN JIAO
President and Country General Manager
IBM Philippines, Inc.

Mr. PAUL WHITEN
Cloud Advocate
Red Hat Asia Pacific

Co-Moderators:

Mr. PATRICK D. REIDENBACH
Chair, MAP ICT Committee
President, UbaidesdenbachSolutions, Inc. (UB Solutions)

Mr. EDUARDO "Teddy" G. SUMULONG
Co-Vice Chair, MAP ICT Committee
Managing Director and CEO, Land Registration Systems, Inc. (LARS)

June 23, 2022
MAP GMM

MAP Management Association of the Philippines
PUSH FOR CHANGE TOWARDS A BETTER FUTURE FOR ALL

MAP General Membership Meeting
INTEGRATING ESG IN THE WAY WE DO BUSINESS
MAY 19, 2022, THURSDAY, 12:30 PM to 2:30 PM via ZOOM A Project of MAP ESG Committee

SPEAKERS:

Mr. ANDREW CHAN
Asia-Pacific Leader in ESG
PwC Malaysia

Mr. VINCENT KNEEFEL
Circular Economy Director
Public Credit Exchange

Ms. MA. ANTONIA YULO LOYZAGA
President
National Resilience Council

EMCEE:

Ms. AGNES A. GERVACIO
Co-Vice Chair for Environment, MAP ESG Committee
CEO, MGI Navero

Q&A MODERATOR:

Atty. ALEXANDER B. CABRERA
Governor-in-Charge, MAP ESG Committee
Chair Emeritus and ESG Leader
Ike Igarna & Co., PwC Philippines

May 19, 2022
MAP GMM

MAP Management Association of the Philippines
PUSH FOR CHANGE TOWARDS A BETTER FUTURE FOR ALL

May 2, 2022, Monday, via ZOOM A Project of MAP Human and Management Development Committee (HMDC)

SENTIMENT ANALYSIS
AI and Big Data for Reading Collective Minds

Speakers:

Mr. WILSON I. CHUA
Managing Director and Founder
Future Gen International Pte Ltd. (Singapore)

Mr. ROGER DO
CEO
AutoPolis (Singapore)

Moderator:

Dr. BENITO L. TEEHANKEE
Co-Vice Chair for MAP CEO Academy, MAP HMDC
Professor and Head of the Business for Human Development Network, DLSU

May 2, 2022
MAP Webinar

GREEN ED SA MOVEMENT **MAP** Management Association of the Philippines

APRIL 29, 2022, MONDAY, via ZOOM

PROTECTING THE EARTH. PRESERVING OURSELVES.
Doing what we need to do in celebration of Earth Month

Speakers:

Sec. JIM O. SAMPULNA
Secretary
Department of Environment and Natural Resources (DENR)

Ms. ANA MARGARITA MONTIVEROS
Vice Vice President and Chief Reputation & Sustainability Officer
Abolito Equity Ventures, Inc.

Atty. ANGELA CONSUELO S. IBAY
Head of Climate Change and Energy Program
World Wildlife Fund for Nature (WWF)

Atty. TONY LA VIÑA
Dean, Ateneo School of Government
Associate Director, Manila Observatory

Moderators:

Ms. ANITA M. DUMILAO, JR.
Executive Director, Association of Credit Rating Agencies in Asia (ACRAA)

Ms. RACQUEL B. CAGURANGAN
Co-Chair for MAP ESG Committee
VP for Operational, Auditing Medical Corp., Inc.

April 29, 2022
MAP Webinar

MAP Management Association of the Philippines
PUSH FOR CHANGE TOWARDS A BETTER FUTURE FOR ALL

April 29, 2022, Friday, 9:00 PM to 10:00 PM via ZOOM A Joint Project of MAP Agribusiness Committee and MAP Trade, Instruments & E-commerce Committee

MAP CEO Academy Webinar
PUSHING FOR LIVESTOCK INDUSTRY DEVELOPMENT

Speakers:

Dir. RAQUEL B. ECHAGUE
Director for Resource-based Industries Service
Board of Investments (BOI)

Mr. DANILO V. FAUSTO
President
DVT Dairy Farms, Inc.

Moderators:

Mr. OSCAR A. TORRALBA
Chair, MAP Agribusiness Committee
Chair and CEO, Twin Holdings Corporation

Mr. CHARLES P. VILLANOR
Chair, MAP Trade, Instruments & E-commerce Committee
Chair and CEO, PASA, TransProcure and PASA Shared Services

April 29, 2022
MAP Webinar

Happy Birthday!

to the following MAP members who are celebrating their birthdays within August 2023

August 1

Mr. RODERICK "Rick" M. DANA

Chair and Senior Partner, Isla Lipana & Co./
PwC Philippines

Mr. DANIEL "Dan" RIVAS FRANCISCO

Director, 1Infinity Traders Securities Corporation

Dr. CONCHITA "Chit" L. MANABAT

President, Development Center for Finance

August 2

Mr. ROBIN R. BERNABE

President, Multimedia Exponents, Inc.

Mr. GERARD "Gerry" M. LANE

President, Lane Archive Technologies

Mr. MICHAEL SHERWIN "Mike" M. MACATANGAY

Founder, President and CEO, One A-TEAMS
Consultants Pte. Ltd.

Mr. NOEL M. TEMPONGKO JR.

VP and General Manager, Century Pacific Agricultural
Ventures, Inc.

August 4

Mr. ROBIN R. BERNABE

President, Multimedia Exponents, Inc.

Dr. ANDREW "Andy" I. LIUSON

Co-Founder and Vice Chair, Cityland Group of Companies

Dr. RAMON "Mon" B. SEGISMUNDO

Founder and CEO, 1-HR.X Pte. Ltd. (Singapore)

August 5

Ms. RUBY BAIRAN

President, EstateMart Dev't. Inc.

Mr. VICTOR S. CHIONGBIAN

Chair, Fast Logistics

Dr. RAYMOND NELSON "Ray" DAVIS

Chair, Mabuhay Capital Corporation

Ms. CRISTINA "Tina" A. LEE

GM and Managing Partner, Cornerstone Performance
International Inc.

Mr. FEDERICO "Piki" R. LOPEZ

Chair and CEO, First Philippine Holdings Corporation

Mr. JOHNSON "Jong" ONGKING

VP, Pacific Paint (Boysen) Philippines, Inc.

Atty. JOSE MIGUEL "Miko" C. PALARCA

Managing Partner, Palarca and Baluyut Law Offices

August 6

Atty. LILIA B. DE LIMA

August 7

Mr. EDWIN H. HERNANDEZ

President, Jardine Distribution, Inc.

Mr. VICENTE "Bimbo" T. MILLS JR.

Chair, Hino Motors Philippines Corporation

August 8

Atty. ANTONIO "Bing" A. PICAZO

Senior Partner, Picazo Buyco Tan Fider & Santos
Law Offices

August 9

Mr. FLORIDO "Doy" P. CASUELA

OIC, Philippine National Bank (PNB)

Mr. PETER G. COYIUTO

President and CEO, First Guarantee Life Assurance
Company, Inc.

Engr. RODOLFO "Rod" N. FERRER

Chair, RN Ferrer and Associates, Inc.

August 10

Ms. CLARISSA ROWENA "Butch" C. BONSON

President and Managing Director, Expat
Communications, Inc.

Ms. IREEN GO CATANE

Country President, Schneider Electric Philippines, Inc.

Mr. ARTURO "Art" N. DALUPAN

Consultant, Professional Payroll Specialists Inc. (PPSI)

Mr. LORENZO V. TAN

President and CEO, House of Investments, Inc.
(a YGC Member)

Ms. SHARON T. TAN

President, Universal Rich Property and Management
Corporation

Mr. ARTEMIO "Jason" B. VITANGCOL

President and CEO, St. Peter Chapels

Happy Birthday!

to the following MAP members who are celebrating their birthdays within August 2023

August 11

Mr. RUEL T. MARANAN

President, Ayala Foundation, Inc.

Dr. JUSTO "Tito" A. ORTIZ

Vice Chair, UnionBank of the Philippines

Mr. CESAR G. ROMERO

Country Chairman, Shell Companies in the Philippines

Mr. DELFIN ANGELO "Buds" C. WENCESLAO

CEO, D. M. WENCESLAO & ASSOCIATES, INC.

Dr. ANTONIO "Tony" S. YAP

President, Benita & Catalino Yap Foundation

Mr. GERARDO "Ral" A. ROSARIO

President and General Manager, RMG Hospital Supply, Inc.

Ms. MARION "Marcy" C. KOHCHET CHUA

Managing Director and Head of ATRAM Wealth, ATRAM

August 15

Ms. MARY JADE "Jade" T. ROXAS-DIVINAGRACIA

Managing Partner for Deals and Corporate Finance, Isla Lipana & Co./ PwC Philippines

Dr. DIANA M. EDRALIN

General Manager, Roche Philippines Inc.

Mr. WILLIAM "Bill" B. GO

Vice Chair, CTBC Bank

Mr. JALLAIN MARCEL "Jallain" S. MANRIQUE

Partner, KPMG R. G. Manabat & Co.

August 12

Mr. MICHAEL "Mhycke" C. GALLEGRO

Partner and Advisory Practices Leader and Head, Knowledge Management, Punongbayan & Araullo/Grant Thornton Philippines

Mr. FRANCIS AUGUSTUS "Francis" L. WEE

CEO, W Group, Inc.

August 13

Ms. PIA SANDRA "Pia" N. ACEVEDO

Founder, President and CEO, The OneCORE and Creative Human Resource Group

Mr. MICHAEL ARCATOMY "Mike" H. GUARIN

Partner, Advisory, KPMG R. G. Manabat & Co.

Mr. JUAN "Johnny" B. SANTOS

Ms. MICHELLE M. UNGCO

SVP, Unicapital Inc.

Atty. JOSE LUIS "Bobet" L. VERA

President, Quest Broadcasting, Inc.

Mr. MARLO R. CRUZ

President and CEO, CIBI Information, Inc.

August 16

Mr. MARCELO "Celo" S. CO

Managing Director, Marikina Food Corporation

Mr. CHRISTOPHER "Chris" M. GOTANCO

Senior Advisor (former President and COO), Anglo Philippine Holdings Corporation

Mr. ALBERTO "Bertie" ALDABA LIM

Chair, Culion Foundation, Inc.

Atty. PEDRO "Pete" H. MANIEGO JR.

Chair, Energy Lawyers Association of the Philippines

Mr. AURELIO "Gigi" R. MONTINOLA III

Chair, Far Eastern University (FEU)

August 18

Mr. FRANCISCO JAVIER "Franz" P. BONOAN

First Vice President, BDO Capital and Investment Corporation

Mr. ROBERTO JOSE "Boj" R. LOCSIN

Chief Administrative Officer, Manila Water Company, Inc.

Ms. CRISTINA "Tina" CARANTO VIVAS

Head of Consumer Goods and Retail, Food Service, Healthcare and Pharmaceuticals Division, ZMG Ward Howell, Inc.

August 19

Ms. MA. AURORA "Boots" D. GEOTINA GARCIA

President, MAGEO Consulting, Inc.

August 14

Ms. ANGIE G. FLAMINIANO

President and COO, NutriAsia, Inc.

Mr. SAMUEL ALASTAIR "Sam" RAMOS JONES

COO, Philippine Strategic Associates

Mr. ALVIN D. LAO

President and CEO, D & L Industries, Inc.

Mr. MICHAEL "Mike" G. REGINO

Former President and CEO, Social Security System (SSS)

Mr. BENJAMIN PHILIP "Philip" G. ROMUALDEZ

Trustee/VP, Doña Remedios Trinidad Romualdez Medical Foundation, Inc.

Happy Birthday!

to the following MAP members who are celebrating their birthdays within August 2023

August 19

Mr. ROGELIO "Roger" M. MURGA
Chair and CEO, Private Infra Dev Corporation
Mr. WILLY Q. TEE TEN
President and Dealer Principal, Autohub Group

August 21

Mr. IMMANUEL "Maui" GARCIA
SVP - Client Management Group, Trinity Insurance and Reinsurance Brokers, Inc.
Ms. MARIA VIVIAN "Vivian" C. RUIZ
Vice Chair and Deputy Managing Partner, SGV & Co. (EY Philippines)
Mr. BRUCE ALEXANDER "Bruce" WINTON
General Manager, Manila Marriott

August 22

Mr. LEONARDO "Leo" JARDIN MATIGNAS JR.

August 23

Atty. ALEXANDER "Alex" B. CABRERA
Chairman Emeritus and ESG Leader, Isla Lipana & Co./PwC Philippines
Ms. AMELIA "Amy" D. MANAS
Chair, Bruno's Services Corporation

August 24

Ms. MARTHA "Marts" M. SAZON
President and CEO, GCash/Mynt (Globe Fintech Innovations, Inc.)

August 25

Mr. ARTHUR LEACHON "Art" PANGANIBAN JR.
President and CEO, Gotuaco, del Rosario Insurance Brokers, Inc.
Mr. VICENTE "Nonoy" S. QUIMBO
President, Bel Mondo Italia Corporation

August 26

Mr. RAYMON "Mon" CAYABYAB
Managing Partner and CEO, Xiklab Digital
Mr. LUIS "Louie" B. QUISUMBING
President, Norkis Group of Companies
Mr. SEIJI TAKANO
President, Sumitomo Corporation of the Philippines

August 27

Mr. RANDOLPH "Randy" T. ESTRELLADO
COO, Maynilad Water Services, Inc.
Sec. PETER B. FAVILA
Monetary Board Member, Bangko Sentral ng Pilipinas (BSP)
Mr. ANTONIO "Tony" C. OPPEN
President and CEO, Welding Industries of the Philippines, Inc.
Dr. KAREN REMO
President and CEO, New Perspective Marketing International Inc.
Mr. KINGSON U. SIAN
President and CEO, Travellers International Hotel Group, Inc.

August 28

Ms. FAYE ABRIHAN
CEO, Pantheon Holdings OPC

August 30

Mr. OSCAR "Carey" L. DE VENECIA JR.
President and CEO, Basic Energy Corporation
Mr. TAKESHI HARA
President and CEO, Mitsubishi Motors Philippines Corporation
Mr. WILLIAM RUSSELL "William" M. SCHEIRMAN JR.
CEO, Scheirman & Cruz Property Holdings, Inc.

August 31

Mr. IGNACIO "Chony" B. GIMENEZ
Corporate Secretary, I.B. Gimenez Securities, Inc.
Ms. MARIA BLANCA KIM "Kim" BERNARDO LOKIN
Managing Editor, Business+Class Magazine
Mr. JOSEPH JEROME "Jerome" D. ONG
President and General Manager, CDO FOODSPHERE, INC.
Mr. JOSE RAMON "Bom" V. VILLATUYA
President and Managing Director, Rural Bank of Luisiana, Inc.

Happy Birthday!

to the following MAP Members who are celebrating their birthdays within **September 2023**

September 1

Mr. FRANCIS GILES “Giles” B. PUNO

President and COO, First Gen Corporation

Ms. YIN NYEIN “Rachel Thu” THU

Managing Director, Jardine Schindler Philippines

September 2

Mr. PAOLO MAXIMO “Paolo” F. BORRAMEO

President and CEO, Ayala Healthcare Holdings, Inc.

Ms. IMELDA RONNIE “Emy” DE GUZMAN CASTRO

Partner and Head of Human Capital, Isla Lipana & Co./PwC Philippines

Engr. JOHNSON “Johnny” G.Y. TAN

Chair and President, Armak Tape Corporation

September 3

Mr. GORDON ALAN “Dondi” P. JOSEPH

Director and CEO, Philpacific Insurance Brokers and Managers, Inc.

September 4

Mr. RAHUL HORA

President and CEO, AXA Philippines

Dr. HENRY LIM BON LIONG

Chair and CEO, Sterling Paper Group of Companies

Atty. MICHAEL “Mike” T. TOLEDO

Director, Government Relations and Public Affairs, Metro Pacific Investments Corporation (MPIC)

September 5

Amb. AMABLE “King” R. AGUILUZ V

Founder and Chair, AMA Education System

Mr. ALDOUS REX “Aldous” A. ALINGOG

Chair, President and CEO, Agribusiness Rural Bank, Inc.

Mr. ROMEO “Romy” L. BERNARDO

Managing Director, Lazaro Bernardo Tiu & Associates

Engr. ALLYXON “Allyx” T. CUA

President and CEO, Accent Micro Technologies, Inc. (AMTI)

Mr. ROGELIO “Roger” G. SALAZAR JR.

President, Health Information Management Association of the Philippines (HIMAP)

September 6

Mr. EDUARDO “Teddy” G. SUMULONG

Managing Director and CEO, Land Registration Systems, Inc. (LARES)

September 8

Arch. ERNESTO “Nesty” S. ISLA

President and CEO, EI Construction Co. Inc.

Dr. ERNESTO “Ernie” M. ORDONEZ

President, Water Security Movement, Inc. (WSM)

Ms. ANNA W. CORPUS SAY

CEO and Founder, Properties ATC (Phils.)

Mr. JONATHAN “Tan” BAUTISTA VITANGCOL

SVP and COO, St. Peter Life Plan, Inc.

September 9

Mr. ALEXANDER “Alex” DR ABLAZA

President and CEO, Climargy Inc.

Atty. BENEDICTA “Dick” DU-BALADAD

Founding Partner and CEO, Du-Baladad and Associates (BDB Law)

Mr. GIL G. CHUA

Group President and CEO, DDB Philippines, Inc.

Dr. ANTHONY ROLANDO “Tony” T. GOLEZ JR.

President and CEO, Filipinas Tectonic Safety Systems Corporation (FIL-TEC)

Mr. STEVEN T. TAN

President, Shopping Center Management Corporation

September 10

Mr. KISHORE KUMAR “Kishore”

NATHUMAL HEMLANI

Co-Chair, Multi-Sphere Trading, Inc.

Atty. IRA PAULO “Ira” A. POZON

Senior Partner, Pozon, Recto, Petrache, & Laiz Law Offices (PRPL Law)

September 11

Ms. AMALIA “Lia” V. MANUEL

VP, MEGACEM INC.

September 12

Mr. TARK BARTLEMA

Managing Director for Asia, Eaglesensing

Sec. JESLI A. LAPUS

Independent Director, Metropolitan Bank and Trust Company

Dr. GEORGE T. YANG

Chair and Founder, Golden Arches Development Corporation (McDonald's Philippines)

Happy Birthday!

to the following MAP Members who are celebrating their birthdays within **September 2023**

September 14

Ms. VANESSA LEDESMA SUATENGCO
General Manager, Diamond Hotel Philippines

September 15

Dr. MAGDALENO “Mag” B. ALBARRACIN JR.
Vice Chair, PHINMA Corporation

Ms. MARIA MARGARITA “Margie” MORAN-FLOIRENDO

Chair, Cultural Center of the Philippines (CCP)

Mr. ANTONIO “Tony” SY TAN

Chair and CEO, LCC Group of Companies

September 16

Mr. ISAGANI “Gani” G. BUENAFLORE
Chair, Diamond Rent-a-Car

Mr. ROGELIO “Roger” R. CABUÑAG

Sec. CARLOS “Sonny” G. DOMINGUEZ III

Former Secretary, Department of Finance

Mr. GEORGE M. DRYSDALE

Chair and CEO, Marsman Drysdale Group

Sec. ROGELIO “Babes” L. SINGSON

President and CEO, Metro Pacific Water

Mr. JOSE “Joe” T. SIO

Chair, SM Investments Corporation

September 17

Mr. JEFFREY JOSEPH “Jeff” D.Y. CAMPOS
Chair, President and CEO, Greenfield Development Corporation

Atty. ROMEO “Omy” H. DURAN

Partner, Head of Corporate Tax & Tax Immigration Division, Sapalo Velez Bundang & Bulilan Law Offices

Mr. EDGAR BUCOY SAAVEDRA

Chair, President and CEO, Megawide Construction Corporation

Ms. VIVIAN Y. TIN

President, Inner Sense Consulting & Research Corporation

Dr. MILDRED V. VITANGCOL

Chair, St. Peter Life Plan, Inc.

September 18

Atty. EMMANUEL “Mannie” C. ALCANTARA
Managing Partner, Emmanuel C Alcantara & Associates Law Offices

Sec. JOSE “Ping” P. DE JESUS

Chair, Converge Pure Fiber Technology

Mr. JOSE LUIS “Joey” F. GOMEZ

Senior Consultant, RCBC

Ms. EDELWISA “Liza” M. MAPAGU

CEO, ASEA Metrics HR Solutions, Inc.

Ms. SHERISA “Baby” P. NUESA

Independent Director, Ayala Land, Inc.

September 19

Mr. ROMEO “DJ” A. DE JESUS JR.

Managing Partner, R. S. Bernaldo & Associates

Mr. JOSELITO “Lito” H. SIBAYAN

President, Mabuhay Capital Corporation

September 20

Mr. RAYMOND “Mon” A. ABREA

Founding Chairman and Senior Tax Advisor, Asian Consulting Group

Ms. CRISTINA “Krees” P. CASTAÑEDA

Country Director, Drake Business Services Asia, Inc.

Mr. PHILIP K.C. NG

President and CEO, Ergo Contracts Philippines Inc.

Mr. SILLIMAN “Akyat” S. SY

COO, Ever Bilena Cosmetics, Inc.

Ms. RHODORA “Doyee” TACTACAN-TUMPALAN

President and CEO, First Vita Plus Marketing Corporation

Ms. NORMITA “Noemi” L. VILLARUZ

Founder and Managing Partner, Villaruz, Villaruz & Co., CPAs

September 21

Mr. JOSE “Jovee” V. CRUZ

Managing Partner, Edtech Corporation

September 22

Ms. SHARON G. DAYOAN

Chair and CEO, KPMG R. G. Manabat & Co.

Ms. MICAH DEL CARMEN

President, NOAHSYS Corporation

September 23

Mr. ROBERT LESTER “Robert” F. ARANTON

President, Warehouse Management and Trade Development Services, Inc.

Happy Birthday!

to the following MAP Members who are celebrating their birthdays within **September 2023**

September 23

Mr. RAMON “Mon” D. DIZON

Former Partner and Transaction Advisory Services Head,
SGV & Co. (EY Philippines)

Mr. JONATHAN CHARLES “Jon” RUSSELL

EVP and CCO, First Gen Corporation

Mr. ORLANDO “Doy” B. VEA

Founder and CEO, Paymaya Philippines, Inc.

September 24

Mr. HENRY RHOEL “Henry” R. AGUDA

President, UnionDigital Bank Inc.

Mr. ERNESTO “Ernie” B. PANTANGCO

Chair, EBP Holdings Corporation

September 25

Mr. JOSE BASANIO “Joe” T. ALDON

Managing Director and CEO, AXI LNGAS Inc.

Ms. MARIA ESTER “Maret” FOLLOSCO BAUTISTA

Treasurer, CL Follosco Group, Inc.

Ms. ALMA RITA “Alma” R. JIMENEZ

President and CEO, Health Solutions Corporation

Mr. JEFFREY “Jeff” T. NG

President and CEO, Cathay Land Inc.

September 26

Mr. ENRICO “Eric” S. CRUZ

Independent Director

Dr. FEDERICO “Poch” M. MACARANAS

Adjunct Professor, Asian Institute of Management (AIM)

Mr. JAMES G. MATTI

Country Head, Willis Towers Watson Asia Pacific Shared
Services Center

Dr. MA. TERESITA “Tata” PASTOR MEDADO

President, NU - Asia Pacific College

Mr. DENNIS “Don-Don” A. UY

President and CEO, Phoenix Petroleum Philippines, Inc.

September 27

Atty. DOMINGO “Egon” Q. CAYOSA

National President, Integrated Bar of the Philippines (IBP)

Mr. RENATO “Rene” E. LIRIO

Chair, Hillcreek Gardens Tagaytay, Inc.

September 28

Ms. ROSEMARIE “Rose” B. ONG

SEVP and COO, Wilcon Depot, Inc.

Ms. NELIA CRUZ SARCOL

President and CEO, Centre for International-Education
(CIE) Global Colleges, Inc.

September 29

Mr. AARON A. DOMINGO

Chief Representative (Philippines), Rothschild
(Singapore) Limited

Ms. PACITA “Chit” U. JUAN

President, Philippine Coffee Board, Inc.

Mr. ROMMEL L. SYTIN

President and CEO, United Auctioneers, Inc.

September 30

Mr. ANTONINO “Tony” T. AQUINO

Director, Ayala Land, Inc.

Mr. LAZARO JEROME “Jerome” C. GUEVARRA

SVP, BDO Capital & Investment Corporation

Mr. ALBERT PÈREZ TORRES

Regional Director, Michael Page International
Recruitment (Philippines) Inc.

Atty. GIANCARLO “Gian” B. SAMBALIDO

Registered Foreign Lawyer (New York), Allen & Overy

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