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RECEIVED BY:

Introduced by Senator JOEL VILLANUEVA

RESOLUTION
DIRECTING THE APPROPRIATE SENATE COMMITTEE TO CONDUCT AN INQUIRY, IN AID OF LEGISLATION, ON THE PREPAREDNESS OF THE PHILIPPINE GOVERNMENT TO ADDRESS THE IMPACT OF ARTIFICIAL INTELLIGENCE ON THE PHILIPPINE LABOR MARKET AND THE FUTURE OF WORK

WHEREAS, the Philippine Constitution guarantees the protection of the rights of workers and the promotion of their welfare. It also gives priority to science and technology as a means to accelerate social progress and promote total human liberation and development;

WHEREAS, studies have shown that advances in technology affect the future of work,[1] the society and the economy.[2] In fact, according to a study conducted by the International Monetary Fund (IMF), Artificial Intelligence or "AI" has the potential to reshape the global economy, especially the labor markets;[3]

WHEREAS, almost 40% of global employment is exposed to AI, with advanced economies at greater risk but also better poised to exploit AI benefits compared to emerging market and developing economies;[4]

WHEREAS, according to one survey, 40% of young people around the world are concerned about their jobs being automated, while 33% see AI as one of the most significant driver of change that will impact the future of work.[5] This will necessitate new and more relevant education and training to meet changing occupational demands;[6]

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[1] Choosing AI's Impact on the Future of Work. Stanford Social Innovation Review. *Available at* https://ssir.org/articles/entry/ai-impact-on-jobs-and-work. Date last accessed: 11 March 2024.
[2] The Impact of rapid technological change on sustainable development. UNCTAD. 17 February 2020. *Available at* https://unctad.org/publication/impact-rapid-technological-change-sustainable-development. Date last accessed: 4 March 2024.
[3] Gen-AI: Artificial Intelligence and the Future of Work. IMF. 14 January 2024. *Available at* https://www.imf.org/en/Publications/Staff-Discussion-Notes/Issues/2024/01/14/Gen-AI-Artificial-Intelligence-and-the-Future-of-Work-542379?cid=bl-com-SDNEA2024001. Date last accessed: 23 January 2024.
[4] Ibid.
[5] Amplifying Human Potential: Education and Skills for the Fourth Industrial Revolution. Infosys. 2016. *Available at* https://brasscom.org.br/wp-content/uploads/2017/08/infosys_amplifying_human_potential.pdf. Date last accessed: 5 March 2024
[6] Asean in Transformation: The Future of Jobs at Risk of Automation. ILO. 1 July 2016. *Available at* https://www.ilo.org/wcmsp5/groups/public/---ed_dialogue/---act_emp/documents/publication/wcms_579554.pdf. Date last accessed: 23 January 2024.

WHEREAS, in the Philippines, the National Artificial Intelligence roadmap was launched in 2021[7] to accelerate the adoption and utilization of AI in the country as a means to advance industrial development, generate better quality entrepreneurship, and higher paying opportunities for Filipinos;

WHEREAS, cognizant of the need to accelerate training in AI, the Technical Education and Skills Development Authority (TESDA) created the National Industry Board for Analytics and Artificial Intelligence in partnership with the Analytics Association of the Philippines (AAP) as an avenue to enhance area-based and demand-driven technical vocational education and training (TVET) in analytics and artificial intelligence in the country;[8]

WHEREAS, the Department of Science and Technology (DOST) has also launched research projects on the use of AI in various sectors, such as agriculture, environment, disaster mitigation and education.[9] The DOST has also pledged funding support to the development of AI technologies in the country;[10]

WHEREAS, the Department of Information, Communications and Technology (DICT) has also conducted conferences and fora on the societal impact of AI and policy formulation on AI;[11]

WHEREAS, in the 30th Asia-Pacific Economic Cooperation (APEC) Economic Leaders' Meeting, President Ferdinand R. Marcos Jr. highlighted the readiness of the Philippines to embrace AI, and stressed the importance of upskilling and training to meet the current and future talent needs and demands of new industries and technologies;[12]

WHEREAS, the global push for digitalization and the widespread use of AI in all industries necessitates the need for an examination of the government's programs and projects to prepare the country's workforce to fully embrace the challenges of AI;

NOW, THEREFORE, BE IT RESOLVED, as it is hereby resolved, to direct the appropriate Senate Committee/s to conduct an inquiry, in aid of legislation, on the preparedness of the Philippine Government on the impact of artificial intelligence on the country's labor market and the future of work and to identify opportunities to maximize its potential positive impact on our economy, as well as mitigate any potential adverse effects.

Adopted,

JOEL VILLANUEVA

[7] PNA. "DTI eyes PH as AI powerhouse in region". Philippine News Agency. 5 My 2021. *Available at* https://www.pna.gov.ph/articles/1139198. Date last accessed: 23 January 2024

[8] TESDA, AAP sign MOA to establish National Industry Board for Analytics, AI. TESDA.gov.ph. 15 February 2022. *Available at* https://www.tesda.gov.ph/Media/NewsDetail/20080. Date last accessed: 7 March 2024

[9] The Philippines DOST launches new AI programmes. OpenGov. 13 April 2021. Available at : https://opengovasia.com/2021/04/13/the-philippines-dost-launches-new-ai-programmes/. Date last accessed :17 March 2024

[10] National infrastructure, AI R&D centers among top priorities under DOST framework for artificial intelligence. ManilaBulletin. 15 March 2023. Available at: https://mb.com.ph/2023/3/15/national-infrastructure-ai-r-and-d-centers-among-top-priorities-under-dost-framework-for-artificial-intelligence. Date last accessed: 17 March 2024

[11] DICT and ITU advocate AI for ethical policy making. DICT. 12 April 2023. Available at: https://dict.gov.ph/dict-and-itu-advocate-ai-for-ethical-policy-making/. Date last accessed: 17 March 2023

[12] The Philippines is ready for AI- PBBM. PCO. 15 November 2023. *Available at* https://pco.gov.ph/news_releases/the-philippines-is-ready-for-ai-pbbm/. Date last accessed: 9 March 2024