

LIMA STATEMENT

2024 APEC ENERGY MINISTERIAL MEETING

Lima, Peru

1. We, the Energy Ministers of the Asia-Pacific Economic Cooperation (APEC), convened in Lima on August 15 and 16 of 2024, under the overarching theme “Empower. Include. Grow.” and in support of APEC’s thematic priority "Sustainable Growth for Resilient Development".
2. The world is facing the challenge of transitioning to a more sustainable development, one that can be more resilient, just and inclusive. Energy will continue playing a pivotal role to contribute to that transition. Demands for secure, affordable, reliable and sustainable energy create the need to improve collaboration mechanisms that can help economies overcome challenges and strains across the entire energy ecosystem, taking into account domestic circumstances.
3. Acknowledging that APEC economies accounts for 56 percent of world energy demand, 58 percent of world energy supply, and 68 percent of world electricity generation[1], and recalling the commitment of APEC’s leaders in the APEC Putrajaya Vision 2040, the Aotearoa Plan of Action, the Bangkok Goals on Bio Circular Green Economy and the 2023 APEC Leaders Declaration, as well as previous APEC Leaders Declarations, we reaffirm the importance of ensuring energy security, resilience and access in the region, accelerating clean, sustainable, just, affordable, inclusive and sustainable energy transitions through various pathways, consistent with global net-zero greenhouse gas emissions/carbon neutrality by or around mid-century, taking into account the latest scientific developments and different domestic circumstances among economies, with a view to

promote strong, balanced, secure, sustainable and inclusive economic growth.

4. Acknowledging that APEC economies accounts for 60 percent of global emissions of carbon dioxide[2], we reiterate the need to further integrate action on addressing environmental challenges, including climate change, extreme weather and natural disasters, with a view to ending energy poverty and advancing the global energy transition, spurring action towards advancing universal energy access, ensuring energy security and promoting resource mobilization in the development and deployment of other cost-effective low and zero emissions technologies.

5. We highlight the importance of international cooperation to support domestic, cross-border and critical energy infrastructure and enhance its resilience to climate change and other challenges; to enhance investments in sustainable infrastructure development; to promote and take advantage of technological innovation across the entire energy system; and to engage people and communities in a consistent manner, considering their diverse needs.

6. We welcome the progress made by APEC economies in achieving their current goals for doubling renewable energy from 2010 levels by 2030 and reducing energy intensity 45 percent from 2005 levels by 2035. We note that APEC is on track to meet and exceed these goals before target dates and recall our commitment to pursue and encourage efforts to triple renewable energy capacity globally through existing targets and policies as well as demonstrate similar ambition with respect to other zero and low emissions technologies including abatement and removal technologies in line with domestic circumstances by 2030. In this regard,

we commit to work in defining a new collective aspirational goal for the power sector to increase the share of electricity generated by carbon free and carbon neutral sources in order to further advance APEC's contribution towards the energy transitions, while promoting energy efficiency as the first fuel.

7. We encourage APEC economies to set targets for renewable and clean energy, taking into account domestic circumstances and priorities consistent with our international commitments including through existing policies, and support developing economies in obtaining affordable and sustainable clean energy. We recognize that the increase in renewable and clean energy investment globally presents a major opportunity in terms of opening new markets and advancing energy mix diversification and energy security. In this regard we recognize the importance of fostering a conducive environment to support energy cooperation based on voluntary and mutually agreed terms. We also acknowledge the need for those investments to consider elements such as energy security, safety, proper infrastructure, renewable, zero emissions and clean supply sources, affordability, environmental and social concerns, so that energy transitions can take place in a balanced, predictable, orderly and secure manner.

8. We recognize the tremendous economic potential of energy transitions, and support implementing integrated, robust, long-term planning, improved governance and policy environments, more efficient institutions, creation of decent work, enhanced technical assistance and capacity building programs, and better service delivery by public and private operators. We underscore the importance of using digital and innovative technologies in a way that improves energy efficiency, addresses environmental challenges, and promote sustainable economic growth. We

also recognize the importance of enhancing regional interconnectivity to increase access to clean and renewable energy, including facilitating cross border energy interconnections to further strengthen energy security and resilience. We also acknowledge the importance of energy access to clean and renewable energy.

9. We recognize the importance of the transportation sector in progressing energy transitions. In this regard, we will encourage cooperation on and continue spurring the transition to, and investment in, low and zero emissions transportation in the region through various pathways.

10. We also acknowledge that access to energy is of critical importance in promoting the transition to the formal economy by all kinds of economic actors, particularly Micro, Small and Medium Enterprises (MSMEs), women, Indigenous Peoples as appropriate, persons with disabilities, and those from remote and rural communities. In this regard, we welcome the work to develop an APEC roadmap to promote the transition to the formal and global economy in a comprehensive and cross-cutting manner.

11. We welcome the efforts towards the establishment of the Just Energy Transition Initiative, as a way to promote efforts to accelerate energy transitions within APEC economies, as per their domestic circumstances and consistent with the Non-Binding Just Energy Transition Principles for APEC Cooperation.

12. We endorse the “APEC Policy Guidance to develop and implement clean and low-carbon hydrogen policy frameworks in the Asia-Pacific”, which can help economies’ individual and collective efforts in this area, and that can serve as a reference for future energy related projects and partnerships across relevant APEC fora.

13. We acknowledge certain minerals, materials, products and

technologies are critical as inputs for some zero and low-emission energy technologies and clean, sustainable, just, affordable and inclusive energy transitions, and acknowledge the need for expanded investment, recognizing differing regulatory approaches and contributions to local and regional development.

14. We call for the enhancement of APEC cross-fora collaboration, through meaningful engagement with relevant APEC committees and sub-fora, on specific energy-related issues, in particular with the Emergency Preparedness Working Group (EPWG), the APEC Finance Ministers' Process (FMP), the APEC Transportation Working Group (TPTWG), the Digital Economy Steering Group (DESG), and the Policy Partnership for Science and Technology (PPSTI). We welcome the work undertaken by the APEC Business Advisory Council (ABAC) as part of its priorities outlined for this year in support of low-carbon economies and energy transition.

15. We express our appreciation for the invaluable contributions of the Asia Pacific Energy Research Centre (APEREC) and the APEC Sustainable Energy Center (APSEC). We are committed to supporting the ongoing work and efforts of the Expert Group on Clean Fossil Energy (EGCFE), the Expert Group on Energy Data and Analysis (EGEDA), the Expert Group on Energy Efficiency and Conservation (EGEEC), the Expert Group on New and Renewable Energy Technologies (EGNRET) and the Energy Resiliency Task Force (ERTF), in advancing the implementation of the Energy Working Group's work plan and activities.

16. We express our gratitude to Peru for serving as host to our 14th Energy Ministerial Meeting, and we look forward to our next Ministerial in the Republic of Korea.

2024 年 APEC 能源部長會議

「利馬聲明」

(LIMA STATEMENT)

2024 年 8 月 16 日 | 秘魯利馬

1. 作為亞太經濟合作（APEC）的能源部長，我們在 2024 年 8 月 15 至 16 日於秘魯利馬開會，年度主題為「賦權、包容、成長」，並支持「永續成長促進韌性發展」優先領域。
2. 世界正面臨朝向更永續發展轉型的挑戰，這種發展更具韌性、公正和包容，能源將在推動這一轉變中持續發揮關鍵作用；而對安全、可負擔、可靠和永續能源的需求，促使各經濟體需要改善合作機制，同時考慮其各自內部情勢，以協助其克服整個能源生態系統中的挑戰和壓力。
3. 認知到 APEC 經濟體佔全球能源需求的 56%、全球能源供給的 58% 以及全球電力製造的 68%¹，並回顧 APEC 領袖們於「2040 太子城願景（Putrajaya Vision 2040）」、「奧特亞羅瓦行動計畫（Aotearoa Plan of Action）」、「生物、循環及綠色經濟發展模式之曼谷目標（Bangkok Goals on Bio-Circular-Green Economy）」，及 2023 年領袖宣言和以往 APEC 領袖宣言中的承諾，我們重申確保區域能源安全、韌性及途徑的重要性，並透過各種途徑，同時考慮到最新的科學發展和各經濟體內部情勢差異，以及符合在本世紀中期左右實現全球淨零溫室氣體排放/碳中和的目標，加速潔淨、永續、公正、可負擔和具包容性的能源轉型，旨在促進強勁、均衡、安全、永續和具包容性的經濟成長。
4. 認知到 APEC 經濟體佔全球二氧化碳排放量的 60%²，我們重申需

¹ 第八版 APEC 能源供需展望第一冊，亞太能源研究中心，2022 年。

² 同上。

要進一步整合應對環境挑戰的行動，包括氣候變遷、極端天氣和自然災害，旨在結束能源貧窮和提升全球能源轉型，促進普遍能源獲取途徑，確保能源安全，並推動資源調動，以發展和部署其他具成本效益的低排放和零排放技術。

5. 我們強調國際合作的重要性，以支持地方、跨境及關鍵能源基礎建設，並提升其對氣候變遷及其他挑戰的韌性；促進永續基礎建設發展投資；推動並利用整個能源系統中的技術創新；以及在考慮人民和社區多樣化需求的基礎上，持續地與其互動交流。
6. 我們歡迎 APEC 經濟體在實現其當前目標方面取得的進展，這些目標包括以 2010 年為基準，2030 年再生能源雙倍成長，及以 2005 年為基準，2035 年降低 45% 能源強度。我們注意到 APEC 有望在目標日期前實現並超越這些目標，並回顧我們的承諾，透過現有目標和政策，追求並鼓勵 2030 年三倍全球再生能源裝置容量，同時在符合各經濟體內部情勢的前提下，在其他零排放和低排放技術（包括減排和清除技術）方面展現類似的野心。為此，我們承諾致力於為電力部門確定一個集體理想新目標，增加無碳和碳中和電力的比重，進一步提升 APEC 對能源轉型的貢獻，同時促進能源效率。
7. 我們鼓勵 APEC 經濟體，根據各自內部情勢和與我們國際承諾一致的優先事項（包括透過現有政策），設定再生和潔淨能源目標，並支持發展中經濟體獲得可負擔的和永續潔淨能源。我們認識到全球再生和潔淨能源投資的增加，為開放新市場、提升能源結構多樣化和能源安全帶來重大機遇。準此，我們認識到營造有利環境以支持基於自願和共同商定條件的能源合作的重要性。我們也認知到，這些投資需要考慮能源安全、安全性、適當的基礎建設、再生能源、零排放和潔淨供給來源、可負擔性、環境和社會關注等因素，以確保能源轉型能夠在均衡、可預測、有序和安全的方

式下進行。

8. 我們認識到能源轉型的巨大經濟潛力，並支持實施全面、穩健、長期規劃和改善的治理與政策環境、更有效率機構、創造良好工作、加強技術援助和能力建構計劃，並透過公共和私人運營商提供更好的服務。我們強調使用數位和創新技術提升能源效率、應對環境挑戰和促進永續經濟成長的重要性。我們也認識到提升區域相互連結性以增加潔淨和再生能源取得途徑的重要性，包括促進跨境能源相互連結以進一步加強能源安全和韌性。我們也認識到潔淨和再生能源取得途徑的重要性。
9. 我們認識到運輸部門在推動能源轉型過程中的重要性。為此，我們將透過各種途徑鼓勵並繼續推動區域低和零排放的運輸合作、轉型和投資。
10. 我們也認知到能源取得途徑對促進各類經濟行為者向正式經濟轉型至關重要，特別是對微中小型企業（MSME）、女性、原住民族、身心障礙人士，以及來自偏遠和農村社群。為此，我們歡迎研訂 APEC 路線圖，以全面和跨領域的方式推動正式和全球經濟轉型。
11. 我們歡迎為建立「公正能源轉型倡議（Just Energy Transition Initiative）」所做的努力，作為促進 APEC 經濟體，根據其內部情勢並符合「不具約束力 APEC 公正能源轉型合作原則（Non-Binding Just Energy Transition Principles for APEC Cooperation）」，加速能源轉型之努力。
12. 我們支持「APEC 發展暨落實亞太地區潔淨及低碳氫能政策框架之政策指引（APEC Policy Guidance to develop and implement clean and low-carbon hydrogen policy frameworks in the Asia-Pacific）」，協助經濟體在此領域內個別和集體努力之發展，並作為未來 APEC 論壇間能源相關計畫和夥伴關係的參考。

13. 我們認知到某些礦物、材料、產品和技術對某些零及低排放能源技術，以及潔淨、永續、公正、可負擔和具包容性的能源轉型至關重要，並認知到擴大投資的需求，同時認識到不同的監管方法及其對當地和區域發展的貢獻。
14. 我們呼籲加強 APEC 跨論壇合作，透過與相關 APEC 委員會和子論壇針對具體能源相關議題進行實質互動，特別是與緊急應變工作小組（Emergency Preparedness Working Group, EPWG）、APEC 財長程序（Finance Ministers' Process, FMP）、APEC 運輸工作小組（Transportation Working Group, TPTWG）、數位經濟指導小組（Digital Economy Steering Group, DESG）以及科技、技術及創新政策夥伴關係（Policy Partnership on Science, Technology and Innovation, PPSTI）的合作。我們歡迎 APEC 企業諮詢委員會（APEC Business Advisory Council, ABAC）將支持低碳經濟和能源轉型的工作做為今年度優先事項的一部分。
15. 我們感謝亞太能源研究中心（Asia Pacific Energy Research Centre, APERC）和 APEC 永續能源中心（APEC Sustainable Energy Center, APSEC）的寶貴貢獻。我們承諾支持潔淨化石能源專家小組（Expert Group on Clean Fossil Energy, EGCFE）、能源數據與分析專家小組（Expert Group on Energy Data and Analysis, EGEDA）、能源效率與節能專家小組（Expert Group on Energy Efficiency and Conservation, EGEEC）、新及再生能源技術專家小組（Expert Group on New and Renewable Energy Technologies, EGNRET）以及能源韌性任務小組（Energy Resiliency Task Force, ERTF），在推進能源工作小組（Energy Working Group, EWG）工作計劃和活動持續的努力和工作。
16. 我們感謝秘魯主辦第 14 屆能源部長級會議，並期待在韓國舉行下一次部長級會議。