

NEAT Recommendations on
APT Action Plan for Developing New Energy Vehicles (NEV) Ecosystem in
East Asia
Shenzhen, China
July, 2024

NEAT Working Group on Strengthening the Connectivity of Supply Chains in East Asia was held in Shenzhen China on 18 July 2024. For implementing the APT Leaders' Statement on Developing of Electric Vehicle Ecosystem in 2023, the NEAT members carried on in-depth joint research from the perspective of APT supply chains connectivity, and aimed to propose an APT Action Plan on Promoting NEV industries in East Asia. The NEAT delegates agree that NEV industry may become a breakthrough as an emerging field in the connectivity of supply chains in East Asia and a sustained development of NEV in the region relies basically on nurturing a healthy industrial ecosystem and constructing resilient supply chain networks. To serve this end, NEAT propose the following action plan.

1. ENCOURAGE establishment of a high-end leading industrial alliance for NEV manufacturing sector. It is a neutral venue of the industry for business leaders, policy makers, and academic researchers in the region, enabling them to reach consensus on developing regional

ecosystem and strengthening supply chain connectivity of NEV. It is also needed to set up a long-term mechanism of idea exchanges and information communications between stakeholders of the industry through regular symposiums, meetings and relevant programs to study the calibrated focal issues.

2. SUPPORT businesspersons of relating companies, officials from regulatory bodies and governments in ASEAN countries to participate in exchange programs between ASEAN countries and China, Japan, and ROK. The exchange programs may focus on urgent issues regarding NEV development in the region. The ASEAN Economic Community Council should identify a qualified leading sectoral entity to organize the exchange programs and should oversee and evaluate the program executions.

3. DRAFT manuscripts regarding compulsory rules and regulations of NEV manufacturing together with relating infrastructural facilities, which should consist of regional technological standards, product safety requirements, mutual recognition criteria, and end-life recycles and disposals, etc. An identified leading industrial entity should be also invited to coordinate experts to prepare the drafted documents submitting to the relevant ASEAN authorities for consideration.

4. SUPPORT preparation of tentative guidelines regarding data security, storage, transmission and utilization of intelligent electric

vehicles in the region. Entrust a qualified leading entity responsible of working out the guidelines. The relevant ASEAN sectoral organizations should monitor and supervise this process.

5. ADVOCATE a fusion of auto-making and ICT manufacturing sectors for nurturing a new compound industry in the region. To be the most important habitat of these manufacturing sectors in the world, the East Asia region has a comparative advantage to lead this spear-headed industrial development. Authorize the leading sectoral think-tank to draft a document of regional technological standards and safety requirements of built-in intelligent devices of electric vehicles for relevant regulators to discussion and adoption. Meanwhile, the ASEAN sectoral organizations should entrust the authorized think-tank to deliver a policy proposal of strengthening clusters of networked supply chains around advanced intelligent electric vehicle manufacturing, particularly those in favor of regional small and medium enterprises from the existing supply chains to explore the new frontier.

6. COORDINATE market entry, approval procedure, tariffs and duties of cross-border NEV and relating parts/components across countries of the region. The purpose of it is to reduce administrative, trade and investment barricades and enhance efficiency of integrated NEV supply chains, and improve competitiveness of NEV industry in the region.

7. MOBILIZE development financial sources. APT member countries

need to coordinate regional development financial institutions, such as Asian Development Bank, Asian Development Fund, Asian Infrastructure Investment Bank, Silk Road Fund, and development banks from China, Japan and ROK, to find financing opportunities. Meanwhile, the governments and relating companies in ASEAN countries should engage with these financial institutions to explore chances of supporting investment of NEV infrastructural facilities in ASEAN countries.